

## 2.5000A FUEL LINES AND FUEL COOLER

| PART                                           |                                                          | TYPES                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
|------------------------------------------------|----------------------------------------------------------|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|
| FIG                                            | NUMBER                                                   | NAME AND DESCRIPTION |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
|                                                |                                                          | 1<br>4<br>2<br>3     | 1<br>4<br>2<br>4 | 1<br>4<br>2<br>6 | 1<br>4<br>2<br>7 | 1<br>4<br>2<br>8 | 1<br>4<br>2<br>9 | 1<br>4<br>5<br>5 | 1<br>4<br>6<br>3 | 1<br>4<br>6<br>6 | 1<br>4<br>7<br>7 | 1<br>4<br>8<br>7 | 1<br>4<br>8<br>9 | 1<br>4<br>9<br>9 | 1<br>5<br>0<br>0 |  |
| 2.5180 - CLIP, CYLINDER HEAD INLET             |                                                          |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| 5177623                                        | CLIP, 3/8" SPECIAL (2.5120)                              | 1                    | 1                |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |  |
| 2488022                                        | CLIP, 3/8" NEOPRENE (12.8554)                            |                      |                  | 2                | 2                |                  |                  |                  |                  | 2                |                  |                  |                  |                  | 2                |  |
| 186647                                         | BOLT, 1/4"-20X1" (12.9001)                               |                      |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |  |
| 186625                                         | BOLT, 5/16"-18X7/8" (12.9001)                            |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 5101377                                        | BOLT, 3/8"-16X1" (12.9001)                               |                      |                  | 2                | 2                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| 120392                                         | WASHER, 9/32"X5/8" (12.9190)                             |                      |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |  |
| 120393                                         | WASHER, 5/16" (12.9190)                                  |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 103320                                         | LOCKWASHER, 5/16" (12.9200)                              |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 103341                                         | WASHER, 3/8" (12.9190)                                   |                      |                  | 2                | 2                |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 120376                                         | NUT, 5/16"-18 (12.9120)                                  |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 103321                                         | LOCKWASHER, 3/8" (12.9200)                               |                      |                  | 2                | 2                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| 2.5190 - BRACKET, FILTER TO CYLINDER HEAD CLIP |                                                          |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| 5182647                                        | BRACKET, CLIP                                            |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 179835                                         | BOLT, 3/8"-16X5/8" (12.9001)                             |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 103341                                         | WASHER, 3/8" (12.9190)                                   |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 103321                                         | LOCKWASHER, 3/8" (12.9200)                               |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 2.5205 - TUBE, FUEL DRAIN CROSSOVER            |                                                          |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| 5199575                                        | % HOSE, BULK #6 (CUT L. 26")(12.8550)                    |                      |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  | 1                |  |
| 5131575                                        | HOSE ASSY., #6X39 1/4" (7.8300)                          |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |  |
| 5142005                                        | HOSE ASSY., #6X26 1/2" (2.5100)                          |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |  |
| 5136025                                        | HOSE ASSY., 5/16"X19" (2.5050)                           |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |  |
| 5128283                                        | TUBE (DEV. L. 25.82")                                    |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |  |
| 8924217                                        | ELBOW, 3/8" INV. FL. TUBE (12.9480)                      |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2                |                  |                  |                  |  |
| 8925084                                        | + ELBOW ASSY., 3/8" SEALASTIC 45 DEG. (12.9425)          |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |  |
| 8925086                                        | + ELBOW ASSY., 3/8"-90 DEG. (12.9425)                    |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |  |
| 143338                                         | ELBOW, 3/8" 45 DEG.X 1/4" P.T. (12.9480)                 |                      |                  |                  |                  |                  |                  |                  |                  |                  | 1                | 1                |                  |                  | 1                |  |
| 193004                                         | ELBOW, 3/8" 90 DEG.X 1/4" P.T. (12.9480)                 |                      |                  |                  |                  |                  |                  |                  |                  |                  | 1                | 3                |                  |                  | 1                |  |
| 5179938                                        | SEAL RING (12.9435)                                      |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2                |                  |                  |                  |  |
| 5199579                                        | FITTING, #6 HOSE (STRAIGHT)(12.8552)                     |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| 5199588                                        | FITTING, #6 HOSE (90 DEG.) (12.8552)                     |                      |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  | 1                |  |
| 5121182                                        | PLUG, 1/4" PIPE (2.4015)                                 |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 5                |                  |                  |                  |  |
| 8924140                                        | DRAINCOCK, 1/4" (12.9510)                                |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2                |                  |                  |                  |  |
|                                                | + INCLUDES SEAL IN 2.5205 PLUS NUT, NOT SOLD SEPARATELY. |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
|                                                | % BULK HOSE, CUT TO LENGTH SHOWN.                        |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| 2.5207 - CLIP, FUEL DRAIN CROSSOVER            |                                                          |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| 2488022                                        | CLIP, 3/8" NEOPRENE (12.8554)                            |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  | 2                |  |
| 5130913                                        | BRACKET, CLIP                                            |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 5157412                                        | SPACER, 7/8"X1/4" (7.4013)                               |                      |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  | 2                |  |
| 179839                                         | BOLT, 3/8"-16X1" (12.9001)                               |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |
| 179850                                         | BOLT, 3/8"-16X2 3/4" (12.9001)                           |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  | 2                |  |
| 103321                                         | LOCKWASHER, 3/8" (12.9200)                               |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  | 3                |  |
| 102635                                         | NUT, 3/8"-16 (12.9120)                                   |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |  |

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| PART                              |         | TYPES                                           |   |   |   |   |   |   |   |   |   |    |    |    |   |   |   |
|-----------------------------------|---------|-------------------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|---|---|---|
| FIG                               | NUMBER  | NAME AND DESCRIPTION                            | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1 | 1 | 1 |
|                                   |         |                                                 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4  | 4  | 4  | 4 | 4 | 4 |
|                                   |         |                                                 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2  | 2  | 2  | 2 | 2 | 2 |
|                                   |         |                                                 | 3 | 4 | 6 | 7 | 8 | 9 | 5 | 3 | 6 | 7  | 7  | 7  | 9 | 9 | 0 |
| 2.5210 - TUBE, FUEL DRAIN         |         |                                                 |   |   |   |   |   |   |   |   |   |    |    |    |   |   |   |
| 4A                                | 5136732 | HOSE ASSY., #5 X 20" (2.5215)                   |   |   |   |   | 1 |   |   |   |   |    |    |    |   |   |   |
| 4A                                | 5199575 | + HOSE, BULK #6 (CUT L. 15") (12.8550)          |   |   |   |   |   |   |   |   |   | 1  |    |    |   |   | 1 |
| 4A                                | 5143774 | TUBE ASSY. (DEV. L. 15.12") (7.8310)            |   |   |   |   |   |   |   |   | 1 |    |    | 1  |   |   |   |
|                                   | 5112892 | ELBOW, 5/16" (.1065 RESTRICTED)                 |   |   |   |   |   |   |   |   | 1 |    |    | 1  |   |   |   |
|                                   | 5116440 | ELBOW, 5/16" INV. FL. TUBE (.070" RESTRICTED)   |   |   |   |   |   |   |   |   |   |    | 1  |    | 1 |   | 1 |
| 4A                                | 425250  | CONNECTOR, 5/16" INV. FL. TUBE (12.9460)        |   |   |   |   | 1 |   |   |   |   |    |    |    |   |   |   |
| 4A                                | 442323  | CONNECTOR, 3/8" INV. FL. TUBE (12.9460)         |   |   |   |   |   |   |   |   |   |    | 1  |    |   |   | 1 |
| 4A                                | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)           |   |   |   |   |   |   |   |   |   |    | 1  |    |   |   | 1 |
| 4A                                | 5199592 | FITTING, #6 HOSE (90 DEG.) (12.8552)            |   |   |   |   |   |   |   |   |   |    | 1  |    |   |   | 1 |
|                                   | 5128522 | EXTENSION, 3/8" INV. FL. TUBE X 2" L. (12.5210) |   |   |   |   |   |   |   |   |   |    | 1  |    |   |   | 1 |
|                                   |         | + BULK HOSE, CUT TO LENGTH SHOWN.               |   |   |   |   |   |   |   |   |   |    |    |    |   |   |   |
| 2.5220 - CLIP, FUEL DRAIN         |         |                                                 |   |   |   |   |   |   |   |   |   |    |    |    |   |   |   |
| 4A                                | 5134840 | CLIP, 5/16" (NEOPRENE)                          |   |   |   |   |   |   |   |   |   | 1  |    |    |   |   |   |
| 4A                                | 2488022 | CLIP, 3/8" (NEOPRENE) (12.8554)                 |   |   |   |   |   |   |   |   |   |    | 1  |    |   |   | 1 |
|                                   | 140580  | CLIP, 3/8" (12.9630)                            |   |   |   |   |   |   |   |   |   |    |    | 1  |   |   |   |
|                                   | 5104597 | BOLT, 3/8"-16X.625 (W/SEAL PATCH)               |   |   |   |   |   |   |   |   |   | 1  |    |    |   |   |   |
|                                   | 179837  | BOLT, 3/8"-16X3/4" (12.9001)                    |   |   |   |   |   |   |   |   |   |    |    | 1  |   |   |   |
|                                   | 103321  | LOCKWASHER, 3/8" (12.9200)                      |   |   |   |   |   |   |   |   |   | 1  |    | 1  |   |   |   |
| 2.5255 - SHIELDING, FLEXIBLE HOSE |         |                                                 |   |   |   |   |   |   |   |   |   |    |    |    |   |   |   |
|                                   | 5101020 | STRAP, HOSE                                     |   |   |   |   |   |   |   |   |   | AR | AR | AR |   |   |   |

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| PART                                        |         | TYPES                                             |   |   |   |   |   |   |   |   |   |
|---------------------------------------------|---------|---------------------------------------------------|---|---|---|---|---|---|---|---|---|
| FIG                                         | NUMBER  | NAME AND DESCRIPTION                              | 1 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                                             |         |                                                   | 5 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                                             |         |                                                   | 0 | 4 | 0 | 1 | 8 | 9 | 0 | 1 | 2 |
|                                             |         |                                                   | 3 |   |   |   |   |   |   |   | 5 |
| <b>2.5050 - TUBE, STRAINER TO FUEL PUMP</b> |         |                                                   |   |   |   |   |   |   |   |   |   |
| 4A                                          | 5199576 | % HOSE, BULK #8 (CUT L. 23") (12.8550)            | 1 |   |   |   |   |   |   |   |   |
| 4A                                          | 5199576 | % HOSE, BULK #8 (CUT L. 11") (12.8550)            |   | 1 |   |   |   |   |   |   |   |
| 4A                                          | 5199575 | % HOSE, BULK #6 (CUT L. 6") (12.8550)             |   |   | 1 |   |   |   |   |   |   |
| 4A                                          | 5121101 | TUBE ASSY. (DEV. L. 14.80")                       |   |   |   | 1 |   |   |   |   |   |
| 4A                                          | 5121151 | TUBE ASSY. (DEV. L. 45.16")                       |   |   |   |   | 1 |   |   |   |   |
| 4A                                          | 5121081 | TUBE ASSY. (DEV. L. 21.28")                       |   |   |   |   |   | 1 |   |   |   |
| 4A                                          | 5121149 | TUBE ASSY. (DEV. L. 39.76")                       |   |   |   |   |   |   | 1 |   |   |
| 4A                                          | 5179513 | TUBE ASSY. (DEV. L. 39.32")                       |   |   |   |   |   |   |   | 1 |   |
| 4A                                          | 5121076 | TUBE ASSY. (DEV. L. 12.50")                       |   |   |   |   |   |   |   |   | 1 |
| 4A                                          | 5199580 | FITTING, #8 HOSE (STRAIGHT) (12.8552)             | 1 | 1 | 1 |   |   |   |   |   |   |
| 4A                                          | 5199589 | FITTING, #8 HOSE (90 DEG.) (12.8552)              | 1 | 1 |   |   |   |   |   |   |   |
| 4A                                          | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)             |   |   | 1 |   |   |   |   |   |   |
| 4A                                          | 143338  | ELBOW, 3/8" INV. FL. TUBE 45 DEG.<br>(12.9480)    |   |   |   |   | 1 |   | 1 |   |   |
| 4A                                          | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)    |   |   |   | 1 | 1 |   |   |   |   |
| 4A                                          | 9432249 | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)    |   |   |   | 1 | 1 |   |   |   |   |
|                                             | 431538  | CONNECTOR, 1/2" INV. FL. TUBE<br>(12.9460)        |   |   |   |   |   |   |   |   |   |
|                                             | 442323  | CONNECTOR, 3/8" INV. FL. TUBE<br>(12.9460)        | 2 | 2 |   |   |   |   |   |   |   |
|                                             | 9432267 | CONNECTOR, 3/8" INV. FL. TUBE X 3/8"<br>(12.9480) |   |   |   |   | 1 |   | 1 | 1 | 1 |
|                                             | 5198558 | BUSHING, 3/8" X 1/4" (2.2030)                     |   |   |   |   | 1 |   | 1 | 1 | 1 |
|                                             |         | % BULK HOSE, CUT TO LENGTH SHOWN.                 |   |   |   |   |   |   |   |   |   |
| <b>2.5070 - CLIP, STRAINER TO FUEL PUMP</b> |         |                                                   |   |   |   |   |   |   |   |   |   |
| 4A                                          | 5177623 | CLIP, 3/8" TUBE (2.5120)                          |   |   |   |   | 2 | 1 | 1 | 2 | 1 |
| <b>2.5100 - TUBE, FUEL PUMP TO FILTER</b>   |         |                                                   |   |   |   |   |   |   |   |   |   |
| 4A                                          | 5199575 | * HOSE, BULK #6 (CUT L. 24") (12.8550)            | 1 | 1 |   |   |   |   |   |   |   |
| 4A                                          | 5199575 | * HOSE, BULK #6 (CUT L. 11") (12.8550)            |   |   |   | 1 |   |   |   |   |   |
| 4A                                          | 5109486 | TUBE ASSY. (DEV. L. 41.62")                       |   |   |   |   | 1 |   |   |   |   |
| 4A                                          | 5102369 | TUBE ASSY. (DEV. L. 13.89")                       |   |   |   |   |   | 1 |   |   |   |
| 4A                                          | 5134897 | TUBE ASSY. (DEV. L. 36.22")                       |   |   |   |   |   |   | 1 |   |   |
| 4A                                          | 5134898 | TUBE ASSY. (DEV. L. 36.22")                       |   |   |   |   |   |   |   | 1 |   |
|                                             | 5121081 | TUBE ASSY. (DEV. L. 21.88")                       |   |   |   |   |   |   |   |   | 1 |
|                                             | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)             | 2 | 2 |   | 1 |   |   |   |   |   |
|                                             | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552)              |   |   |   | 1 |   |   |   |   |   |
| 4A                                          | 442323  | CONNECTOR, 3/8" INV. FL. TUBE<br>(12.9480)        | 1 | 1 |   |   |   |   | 1 | 1 | 1 |
|                                             | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)    |   |   |   |   | 3 | 1 | 1 | 1 | 1 |
|                                             |         | * BULK HOSE, CUT TO LENGTH SHOWN.                 |   |   |   |   |   |   |   |   |   |

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| PART<br>..FIG.. NUMBER .. NAME AND DESCRIPTION ..  |         |                                                        | TYPES            |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|----------------------------------------------------|---------|--------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                    |         |                                                        | 1<br>5<br>0<br>3 | 1<br>5<br>0<br>4 | 1<br>5<br>1<br>0 | 1<br>5<br>1<br>1 | 1<br>5<br>1<br>8 | 1<br>5<br>1<br>9 | 1<br>5<br>2<br>0 | 1<br>5<br>2<br>1 | 1<br>5<br>2<br>2 | 1<br>5<br>2<br>5 |
| <b>2.5110 - TUBE, FUEL PUMP TO FILTER FLEXIBLE</b> |         |                                                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 5199575 | # HOSE, BULK #6 (CUT L. 17") (12.8550) .....           | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 5199575 | # HOSE, BULK #6 (CUT L. 15") (12.8550) .....           |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552) .....            | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552) .....             | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
|                                                    | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480) .....   | 2                | 2                | 1                |                  |                  |                  |                  |                  |                  |                  |
|                                                    | 143338  | ELBOW, 3/8" INV. FL. TUBE 45 DEG.<br>(12.9480) .....   |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |
|                                                    |         | # BULK HOSE, CUT TO LENGTH SHOWN.                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| <b>2.5120 - CLIP, FUEL PUMP TO FILTER TUBE</b>     |         |                                                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 4A                                                 | 2362448 | CLIP, 1/2" NEOPRENE (12.8554) .....                    | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 4A                                                 | 2488022 | CLIP, 3/8" NEOPRENE (12.8554) .....                    |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |
| 4A                                                 | 5133108 | CLIP, 3/8" COATED .....                                |                  |                  |                  | 1                |                  |                  |                  |                  | 1                |                  |
| 4A                                                 | 186612  | BOLT, 3/8"-16 X 1 3/8" (12.9001) .....                 |                  |                  |                  |                  | 1                |                  |                  |                  | 1                |                  |
|                                                    | 5196119 | SPACER, 13/32" I.D. X 7/8" O.D.<br>(3.4001) .....      |                  |                  |                  |                  | 1                |                  |                  |                  | 1                |                  |
| <b>2.5149 - TUBE, FILTER TO CYLINDER HEAD</b>      |         |                                                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 5199575 | ? HOSE, BULK #6 (CUT L. 22") (12.8550) .....           | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 5199575 | ? HOSE, BULK #6 (CUT L. 6") (12.8550) .....            |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552) .....            | 1                | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552) .....             | 1                | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480) .....   | 1                | 1                | 2                |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 190367  | ELBOW, 1/4" 90 DEG. STREET (12.9590) .....             | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                                 | 5116440 | ELBOW, 5/16" INV. FL. TUBE (.070"<br>RESTRICTED) ..... |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |
|                                                    | 144598  | NIPPLE, 1/4" X 2 1/2" (12.9560) .....                  | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
|                                                    | 5121182 | PLUG, 1/4" PIPE (2.4015) .....                         |                  |                  | 4                |                  |                  |                  |                  |                  |                  |                  |
|                                                    | 178917  | TEE, 3/8" TUBE 1/4" PIPE (12.9616) .....               | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
|                                                    |         | ? BULK HOSE, CUT TO LENGTH SHOWN.                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| <b>2.5151 - TUBE, FILTER OUTLET</b>                |         |                                                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                                                    | 5129623 | TUBE ASSY. (DEV. L. 12.68") .....                      |                  |                  |                  | 1                |                  |                  |                  | 1                | 1                |                  |
|                                                    | 5102387 | TUBE ASSY. (DEV. L. 30.98") .....                      |                  |                  |                  |                  | 1                | 1                |                  |                  |                  |                  |
|                                                    | 5103959 | TUBE ASSY. (DEV. L. 20.30") .....                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |
|                                                    | 5116440 | ELBOW, 5/16" INV. FL. TUBE (2.5210) .....              |                  |                  |                  | 1                | 1                | 1                |                  |                  | 1                | 1                |
|                                                    | 143338  | ELBOW, 3/8" INV. FL. TUBE 45 DEG.<br>(12.9480) .....   |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |
|                                                    | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480) .....   |                  |                  |                  | 1                | 3                | 2                |                  | 1                | 1                | 1                |
|                                                    | 5127911 | ELBOW, 1/4" X 1/4" NPTF .070"<br>RESTRICTED ( .....    |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |
|                                                    | 190367  | ELBOW, 1/4" TUBE 90 DEG. (12.9590) .....               |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |
|                                                    | 442323  | CONNECTOR, 3/8" INV. FL. TUBE<br>(12.9460) .....       |                  |                  |                  | 1                | 1                |                  |                  | 1                | 1                |                  |

## 2.5000A FUEL LINES AND FUEL COOLER

| .FIG                                          | PART<br>NUMBER | NAME AND DESCRIPTION                                | TYPES |   |   |   |   |   |   |   |   |   |
|-----------------------------------------------|----------------|-----------------------------------------------------|-------|---|---|---|---|---|---|---|---|---|
|                                               |                |                                                     | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                                               |                |                                                     | 5     | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|                                               |                |                                                     | 0     | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
|                                               |                |                                                     | 3     | 4 | 0 | 1 | 8 | 9 | 0 | 1 | 2 | 5 |
| <b>2.5160 - HOSE, FILTER TO CYLINDER HEAD</b> |                |                                                     |       |   |   |   |   |   |   |   |   |   |
|                                               | 5199575        | + HOSE, BULK #6 (CUT L 8 1/2")<br>(12.8550)         |       |   |   |   | 1 |   |   |   |   |   |
|                                               | 5199579        | FITTING, #6 HOSE (STRAIGHT) (12.8552)               |       |   |   | 2 |   |   |   |   |   |   |
|                                               | 193004         | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)      |       |   |   | 1 |   |   |   |   |   |   |
|                                               | 5127911        | ELBOW, 1/4" INV. FL. (.070"<br>RESTRICTER) (2.5210) |       |   |   | 1 |   |   |   |   |   |   |
|                                               |                | + BULK HOSE, CUT TO LENGTH SHOWN.                   |       |   |   |   |   |   |   |   |   |   |
| <b>2.5163 - TUBE, FUEL SUPPLY CROSSOVER</b>   |                |                                                     |       |   |   |   |   |   |   |   |   |   |
| 4B                                            | 5199575        | % HOSE, BULK #6 (CUT L 12") (12.8550)               | 1     |   |   |   |   |   |   |   |   |   |
| 4B                                            | 5199579        | FITTING, #6 HOSE (STRAIGHT) (12.8552)               | 1     |   |   |   |   |   |   |   |   |   |
| 4B                                            | 5199593        | FITTING, #6 HOSE (45 DEG.) (12.8552)                | 1     |   |   |   |   |   |   |   |   |   |
| 4B                                            | 442323         | CONNECTOR, 3/8" TUBE SEALASTIC<br>(12.9415)         | 1     |   |   |   |   |   |   |   |   |   |
| 4B                                            | 193004         | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)      | 1     |   |   |   |   |   |   |   |   |   |
|                                               | 444000         | ADAPTOR, 1/4" PIPE (12.9460)                        | 1     |   |   |   |   |   |   |   |   |   |
|                                               | 5129184        | TEE, 1/4" SPL (2.5149)                              | 1     |   |   |   |   |   |   |   |   |   |
|                                               |                | % BULK HOSE, CUT TO LENGTH SHOWN.                   |       |   |   |   |   |   |   |   |   |   |
| <b>2.5205 - TUBE, FUEL DRAIN CROSSOVER</b>    |                |                                                     |       |   |   |   |   |   |   |   |   |   |
| 4B                                            | 5199575        | = HOSE, BULK #6 (CUT L 12") (12.8550)               | 1     |   |   |   |   |   |   |   |   |   |
| 4B                                            | 5199579        | FITTING, #6 HOSE (STRAIGHT) (12.8552)               | 1     |   |   |   |   |   |   |   |   |   |
| 4B                                            | 5199593        | FITTING, #6 HOSE (45 DEG.) (12.8552)                | 1     |   |   |   |   |   |   |   |   |   |
| 4B                                            | 442323         | CONNECTOR, 3/8" TUBE SEALASTIC<br>(12.9415)         | 1     |   |   |   |   |   |   |   |   |   |
| 4B                                            | 193004         | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)      | 1     |   |   |   |   |   |   |   |   |   |
|                                               | 444000         | ADAPTOR, 1/4" PIPE (12.9460)                        | 1     |   |   |   |   |   |   |   |   |   |
|                                               | 5129184        | TEE, 1/4" SPL (2.5149)                              | 1     |   |   |   |   |   |   |   |   |   |
|                                               |                | = BULK HOSE, CUT TO LENGTH SHOWN.                   |       |   |   |   |   |   |   |   |   |   |
| <b>2.5212 - COOLER ASSY., FUEL</b>            |                |                                                     |       |   |   |   |   |   |   |   |   |   |
|                                               | 5136348        | COOLER                                              | 1     | 1 |   |   |   |   |   |   |   |   |
| <b>2.5214 - TUBE, FUEL COOLER</b>             |                |                                                     |       |   |   |   |   |   |   |   |   |   |
|                                               | 5110373        | HOSE, 2" I.D. X 3" L. (5.3330)                      | 2     | 2 |   |   |   |   |   |   |   |   |
|                                               | 5199575        | % HOSE, BULK #6 (CUT L 27") (12.8550)               | 1     |   |   |   |   |   |   |   |   |   |
|                                               | 5199575        | % HOSE, BULK #6 (CUT L 14") (12.8550)               |       | 1 |   |   |   |   |   |   |   |   |
|                                               | 5199579        | FITTING, #6 HOSE (STRAIGHT) (12.8552)               | 1     | 1 |   |   |   |   |   |   |   |   |
|                                               | 5199597        | FITTING, #6 HOSE (45 DEG.) (12.8552)                | 1     |   |   |   |   |   |   |   |   |   |
|                                               | 5199583        | FITTING, #6 HOSE (STRAIGHT) (12.8552)               |       | 1 |   |   |   |   |   |   |   |   |
|                                               | 8920537        | CLAMP, 1 9/16"-2 1/2" CLAMPING<br>ANGLE (12.9660)   | 4     | 4 |   |   |   |   |   |   |   |   |
|                                               | 5116440        | ELBOW, 5/16" INV. FL. TUBE .070 REST.<br>(2.5210)   | 1     | 1 |   |   |   |   |   |   |   |   |
|                                               | 193004         | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)      | 2     | 2 |   |   |   |   |   |   |   |   |

## 2.5000A FUEL LINES

| PART |         | NAME AND DESCRIPTION                     | TYPES |    |   |   |   |   |   |   |   |   |   |
|------|---------|------------------------------------------|-------|----|---|---|---|---|---|---|---|---|---|
| FIG  | NUMBER  |                                          | 1     | 1  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|      |         |                                          | 5     | 5  | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|      |         |                                          | 0     | 0  | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
|      |         |                                          | 3     | 4  | 0 | 1 | 8 | 9 | 0 | 1 | 2 | 5 |   |
|      |         | <b>2.5214 - TUBE, FUEL COOLER</b>        |       |    |   |   |   |   |   |   |   |   |   |
|      |         | (CONT'D)                                 |       |    |   |   |   |   |   |   |   |   |   |
|      |         | % BULK HOSE, CUT TO LENGTH SHOWN.        |       |    |   |   |   |   |   |   |   |   |   |
|      |         | <b>2.5215 - HOSE, FUEL DRAIN</b>         |       |    |   |   |   |   |   |   |   |   |   |
| 4B   | 5199575 | # HOSE, BULK #6 (CUT L. 25") (12.8550)   | 1     | 1  |   |   |   |   |   |   |   |   |   |
| 4B   | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)    | 2     | 2  |   |   |   |   |   |   |   |   |   |
| 4B   | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.        |       |    |   |   |   |   |   |   |   |   |   |
|      |         | (12.9480)                                | 1     | 1  |   |   |   |   |   |   |   |   |   |
|      |         | # BULK HOSE, CUT TO LENGTH SHOWN.        |       |    |   |   |   |   |   |   |   |   |   |
|      |         | <b>2.5220 - CLIP, FUEL DRAIN TUBE</b>    |       |    |   |   |   |   |   |   |   |   |   |
| 4A   | 2488022 | CLIP, 3/8" NEOPRENE (12.8554)            | 2     | 2  |   |   |   |   |   |   |   |   |   |
| 4A   | 5108249 | CLIP, 2 3/8" (5.2190)                    | 1     | 1  |   |   |   |   |   |   |   |   |   |
|      | 5112241 | CLAMP (2.5070)                           |       |    |   |   | 6 |   |   | 6 | 4 |   |   |
|      | 179816  | BOLT, 5/16"-18 X 3/4" (12.9001)          | 1     | 1  |   |   |   |   |   |   |   |   |   |
| 4A   | 110502  | SCREW, #10-24 X 3/4" (12.9025)           |       |    |   |   | 3 |   |   | 3 | 2 |   |   |
|      | 103320  | LOCKWASHER, 5/16" (12.9200)              | 1     | 1  |   |   |   |   |   | 3 | 2 |   |   |
|      | 120217  | LOCKWASHER, #10 (12.9200)                |       |    |   |   | 3 |   |   | 3 | 2 |   |   |
|      | 110633  | NUT, #10-24 (12.9120)                    |       |    |   |   | 3 |   |   | 3 | 2 |   |   |
|      |         | <b>2.5255 - SHIELDING, FLEXIBLE HOSE</b> |       |    |   |   |   |   |   |   |   |   |   |
|      | 5101020 | STRAP, HOSE                              | AR    | AR |   |   |   |   |   |   |   |   |   |

## 2.5000A FUEL LINES AND FUEL COOLER

| PART                                 |         | TYPES                                                                                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------------|---------|------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FIG                                  | NUMBER  | NAME AND DESCRIPTION                                                                           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                                      |         |                                                                                                | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|                                      |         |                                                                                                | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                      |         |                                                                                                | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 6 | 0 | 7 | 9 | 0 | 4 | 4 | 4 |
| 2.5006 - VALVE, FUEL SUPPLY CHECK    |         |                                                                                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 5135308 | VALVE, 3/8" (SWING TYPE)                                                                       |   |   |   | 1 |   | 1 |   |   |   |   |   |   |   |   |   |
| 2.5050 - TUBE, STRAINER TO FUEL PUMP |         |                                                                                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                   | 5199576 | + HOSE, BULK #8 (CUT L. 23") (12.8550)                                                         |   |   |   |   |   | 1 |   | 1 |   |   |   |   |   |   |   |
| 4A                                   | 5199576 | + HOSE, BULK #8 (CUT L. 11") (12.8550)                                                         |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |
| 4A                                   | 5199575 | + HOSE, BULK #6 (CUT L. 7 1/2") (12.8550)                                                      |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |
| 4A                                   | 5121149 | TUBE ASSY. (DEV. L. 39.76")                                                                    |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |
| 4A                                   | 5199580 | FITTING, #8 HOSE (STRAIGHT) (12.9480)                                                          |   |   |   |   |   | 1 | 1 | 1 |   |   |   |   |   |   |   |
| 4A                                   | 5199589 | FITTING, #8 HOSE (90 DEG.) (12.8552)                                                           |   |   |   |   |   | 1 | 1 | 1 |   |   |   |   |   |   |   |
| 4A                                   | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)                                                          |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |
| 4A                                   | 5199588 | FITTING, #6 HOSE 90 DEG. (12.8552)                                                             |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |
| 4A                                   | 143338  | ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)                                                    |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |
| 4A                                   | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)                                                    |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |
|                                      | 431538  | CONNECTOR, 3/8" INV. FL. TUBE (12.9460)                                                        |   |   |   |   |   | 2 | 2 | 2 |   |   |   |   |   |   |   |
|                                      | 442323  | CONNECTOR, 3/8" INV. FL. TUBE (12.9460)                                                        |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |
|                                      | 9432267 | CONNECTOR, 3/8" INV. FL. TUBE (12.9460)                                                        |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |
|                                      | 5198558 | BUSHING, 3/8" X 1/4" (2.2030)<br>+ BULK HOSE, CUT TO LENGTH SHOWN.                             |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |
| 2.5060 - HOSE, FUEL PUMP INLET       |         |                                                                                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 5130689 | HOSE ASSY. (#6 X 11 1/4") (2.5149)                                                             | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 5199576 | % HOSE, BULK #8 (CUT L. 14") (12.8550)                                                         |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 5199575 | % HOSE, BULK #6 (CUT L. 8.5") (12.8550)                                                        |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |
|                                      | 5199580 | FITTING, #8 HOSE (STRAIGHT) (12.9480)                                                          |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)                                                          |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |
|                                      | 442330  | CONNECTOR, 3/8" INV. FL. TUBE (12.9480)                                                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 431538  | CONNECTOR, 1/2" INV. FL. TUBE (12.9460)                                                        | 1 |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |
|                                      | 190367  | + ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9590)                                                  |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 137425  | ELBOW, 1/2" INV. FL. TUBE 90 DEG. (12.9480)                                                    | 1 |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |
|                                      | 9432249 | ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)                                                    |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 5198558 | BUSHING, 3/8" X 1/4" (2.2030)<br>% BULK HOSE, CUT TO LENGTH SHOWN<br>* USED WITH 5130689 HOSE. | 1 |   |   |   |   |   |   |   |   | 1 | 1 |   |   |   |   |
| 2.5070 - CLIP, STRAINER TO FUEL PUMP |         |                                                                                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                   | 5177623 | CLIP, 3/8" TUBE (2.5120)                                                                       |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |

## 2.5000A FUEL LINES AND FUEL COOLER

| PART     |              | TYPES                                                                                             |   |   |   |   |   |   |   |   |   |   |   |
|----------|--------------|---------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|
| ..FIG .. | NUMBER ..... | NAME AND DESCRIPTION .....                                                                        | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|          |              |                                                                                                   | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|          |              |                                                                                                   | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 |
|          |              |                                                                                                   | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 6 | 0 | 7 | 9 |
|          |              |                                                                                                   |   |   |   |   |   |   |   |   |   |   |   |
|          |              | <b>2.5100 - TUBE, FUEL PUMP TO FILTER</b>                                                         |   |   |   |   |   |   |   |   |   |   |   |
| 4A       | 5199575      | * HOSE, BULK #6 (CUT L. 12") (12.8550) .....                                                      | 1 |   |   |   |   |   |   |   |   |   |   |
| 4A       | 5142002      | HOSE ASSY. (#6 X 13" L.) (2.5050) .....                                                           |   |   |   |   |   |   |   | 1 |   |   |   |
| 4A       | 5199575      | * HOSE, BULK #6 (CUT L. 31") (12.8550) .....                                                      |   | 1 |   |   |   |   |   |   |   |   |   |
| 4A       | 5199575      | * HOSE, BULK #6 (CUT L. 15") (12.8550) .....                                                      |   |   |   | 1 | 1 |   |   |   |   |   |   |
| 4A       | 5199575      | * HOSE, BULK #6 (CUT L. 24") .....                                                                |   |   |   |   |   | 1 | 1 |   |   |   |   |
| 4A       | 5109486      | TUBE ASSY. (DEV. L. 41.62") .....                                                                 |   |   | 1 |   |   |   |   |   |   |   |   |
| 4A       | 5134897      | TUBE ASSY. (DEV. L. 36.22") .....                                                                 |   |   |   |   |   |   |   |   |   | 1 |   |
| 4A       | 5199579      | FITTING, #6 HOSE (STRAIGHT) (12.8550) .....                                                       | 2 | 1 |   | 1 | 1 | 2 | 2 |   |   |   |   |
| 4A       | 5199593      | FITTING, #6 HOSE (45 DEG.) (12.8550) .....                                                        |   | 1 |   |   |   |   |   |   |   |   |   |
| 4A       | 5199592      | FITTING, #6 HOSE (STRAIGHT) (12.8550) .....                                                       |   |   |   | 1 | 1 |   |   |   |   |   |   |
| 4A       | 5116440      | ELBOW, 5/16" INV. FL. TUBE .070<br>RESTRICTED (2.5210) .....                                      |   | 1 |   | 1 | 1 |   |   |   |   |   |   |
| 4A       | 193004       | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480) .....                                              |   |   | 1 |   |   |   |   |   |   | 1 |   |
|          | 5128522      | EXTENSION, 3/8" INV. FL. TUBE, 2" L.<br>(2.5210) .....                                            |   | 1 |   | 1 | 1 |   |   |   |   |   |   |
| 4A       | 442323       | CONNECTOR, 3/8" INV. FL. TUBE<br>(12.9460) .....                                                  |   | 1 | 1 | 1 | 1 | 1 | 1 |   |   | 1 |   |
|          |              | * BULK HOSE, CUT TO LENGTH SHOWN<br># NOT SERVICED, USE 5199575 HOSE<br>AND (2) 5199579 FITTINGS. |   |   |   |   |   |   |   |   |   |   |   |
|          |              | <b>2.5110 - HOSE, FUEL PUMP TO FILTER</b>                                                         |   |   |   |   |   |   |   |   |   |   |   |
| 4B       | 5199575      | % HOSE, BULK #6 (CUT L. 6") (12.8550) .....                                                       |   | 1 |   |   |   |   |   |   |   |   |   |
| 4B       | 5199575      | % HOSE, BULK #6 (CUT L. 10 1/2")<br>(12.8550) .....                                               |   |   |   | 1 | 1 |   |   |   |   |   |   |
| 4B       | 5199575      | % HOSE, BULK #6 (CUT L. 17") (12.8550) .....                                                      |   |   |   |   |   | 1 | 1 | 1 |   |   |   |
| 4B       | 5199575      | % HOSE, BULK #6 (CUT L. 10") (12.8550) .....                                                      |   |   |   |   |   |   |   |   |   | 1 |   |
| 4B       | 5199575      | % HOSE, BULK #6 (CUT L. 11") (12.8550) .....                                                      |   |   |   |   |   |   |   |   |   |   | 1 |
| 4B       | 5199579      | FITTING, #6 HOSE (STRAIGHT) (12.8552) .....                                                       |   | 1 |   | 2 | 2 | 1 | 1 | 1 |   | 2 |   |
| 4B       | 5199588      | FITTING, #6 HOSE (90 DEG.) (12.8552) .....                                                        |   | 1 |   |   |   | 1 | 1 | 1 |   |   | 1 |
| 4B       | 193004       | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480) .....                                              |   | 2 |   | 2 | 2 | 2 | 2 | 2 |   | 2 | 3 |
|          |              | % BULK HOSE, CUT TO LENGTH SHOWN                                                                  |   |   |   |   |   |   |   |   |   |   |   |
|          |              | <b>2.5120 - CLIP, FUEL PUMP TO FILTER HOSE</b>                                                    |   |   |   |   |   |   |   |   |   |   |   |
| 4A       | 2362448      | CLIP, 1/2" NEOPRENE (12.8554) .....                                                               |   |   |   |   |   | 1 |   | 1 |   |   |   |



## 2.5000A FUEL LINES

| PART                                   |         | NAME AND DESCRIPTION                               | TYPES            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|----------------------------------------|---------|----------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| FIG                                    | NUMBER  |                                                    | 1<br>5<br>2<br>6 | 1<br>5<br>2<br>7 | 1<br>5<br>2<br>8 | 1<br>5<br>3<br>0 | 1<br>5<br>3<br>1 | 1<br>5<br>3<br>2 | 1<br>5<br>3<br>3 | 1<br>5<br>3<br>6 | 1<br>5<br>4<br>0 | 1<br>5<br>4<br>7 | 1<br>5<br>4<br>9 | 1<br>5<br>5<br>0 | 1<br>5<br>5<br>4 |
| 2.5149 - TUBE, FILTER TO CYLINDER HEAD |         |                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                     | 5137492 | HOSE ASSY. (#6 X 9.50" L.)                         | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                     | 5142002 | HOSE ASSY. (#6X13" L.)                             |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |
| 4B                                     | 5199575 | # HOSE, BULK #6 (CUT L. 28") (12.8550)             |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                     | 5199575 | # HOSE, BULK #6 (CUT L. 24") (12.8550)             |                  |                  |                  | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                     | 5199575 | # HOSE, BULK #6 (CUT L. 22") (12.8550)             |                  |                  |                  |                  |                  | 1                | 1                | 1                |                  |                  |                  |                  |                  |
| 4B                                     | 5199575 | # HOSE, BULK #6 (CUT L. 34") (12.8550)             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |
| 4B                                     | 5199575 | # HOSE, BULK #6 (CUT L. 8 1/2" (12.8550)           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |
| 4B                                     | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)        | 4                |                  |                  | 1                | 1                |                  | 1                |                  | 4                |                  |                  |                  | 1                |
| 4B                                     | 5116440 | ELBOW, 5/16" INV. FL. TUBE .070 RESTRICTED         | 1                |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  | 1                |
| 4B                                     | 143338  | ELBOW, 3/8" INV. FL. 45 DEG. (12.9480)             |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                     | 190367  | ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9590)        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                     | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)              |                  | 1                |                  | 1                | 1                | 1                | 1                | 1                | 1                |                  |                  |                  | 2                |
| 4B                                     | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552)               |                  | 1                |                  |                  |                  | 1                | 1                | 1                |                  |                  | 1                |                  |                  |
| 4B                                     | 5199597 | FITTING, #6 HOSE (45 DEG.) (12.8552)               |                  |                  |                  | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
| 4B                                     | 442323  | CONNECTOR, 3/8" INV. FL. TUBE (12.9460)            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |
|                                        | 5121182 | PLUG, 1/4" PIPE (2.4015)                           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2                |
|                                        | 144598  | NIPPLE, 1/4" X 2 1/2" (12.9560)                    |                  |                  |                  |                  |                  | 1                | 1                | 1                |                  |                  |                  |                  |                  |
|                                        | 5104778 | TEE, 1/4" X 1/4" X 5/8" (7.4694)                   | 1                |                  |                  | 1                | 1                |                  |                  |                  |                  |                  | 1                |                  |                  |
|                                        | 178917  | TEE, 3/8" TUBE X 1/4" PIPE                         |                  |                  |                  |                  |                  | 1                | 1                | 1                |                  |                  |                  |                  |                  |
|                                        |         | # BULK HOSE, CUT TO LENGTH SHOWN                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 2.5151 - TUBE, FILTER OUTLET           |         |                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                                        | 5129623 | TUBE ASSY. (DEV. L. 12.68")                        |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                                        | 5125319 | TUBE ASSY. (DEV. L. 19.50")                        |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |
|                                        | 442323  | CONNECTOR, 3/8" INV. FL. TUBE (12.9460)            |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                                        | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)        |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                                        | 5116440 | ELBOW, 5/16" INV. FL. TUBE .070 RESTRICTED (2.520) |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                                        | 5127911 | ELBOW, 1/4" X 1/4" .070 RESTRICTED (2.5210)        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |
|                                        | 143338  | ELBOW, 3/8" INV. FL. TUBE-45 DEG. (12.9480)        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |
|                                        | 5177623 | CLIP, 3/8" (2.5120)                                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |
| 2.5156 - CLIP, FUEL FILTER OUTLET TUBE |         |                                                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                                        | 5147599 | CLIP, #6 HOSE (LONG SHANK) (12.8554)               |                  | 1                |                  | 1                | 1                |                  |                  |                  |                  |                  |                  | 1                |                  |
|                                        | 2488022 | CLIP, 3/8" NEOPRENE (12.8554)                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |
|                                        | 5196119 | SPACER, 13/32" X 7/8"-.38" THK                     |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |
|                                        | 187491  | BOLT, 3/8"-16 X 5 1/2" (12.9001)                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |
|                                        | 103321  | LOCKWASHER 3/8" (12.9200)                          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |

## 2.5000A FUEL LINES

| PART                                      |         | TYPES                                           |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------------------------|---------|-------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FIG                                       | NUMBER  | NAME AND DESCRIPTION                            | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                                           |         |                                                 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|                                           |         |                                                 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
|                                           |         |                                                 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 6 | 0 | 7 | 9 | 0 | 4 |
| 2.5163 - TUBE, FUEL SUPPLY CROSSOVER      |         |                                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                           | 5199575 | + HOSE, BULK #6 (CUT L. 16 1/2") (12.8550)      |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                           | 5199575 | + HOSE, BULK #6 (CUT L. 7 1/2") (12.8550)       |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
|                                           | 5199575 | + HOSE, BULK #6 (CUT L. 12") (12.8550)          |   |   |   | 1 | 1 |   |   | 1 |   |   | 1 | 1 |   |
|                                           | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)           |   | 2 |   | 1 | 1 | 1 |   | 1 |   |   | 1 | 1 |   |
|                                           | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552)            |   |   |   | 1 | 1 |   |   |   |   |   | 1 | 1 |   |
|                                           | 5199593 | FITTING, #6 HOSE (45 DEG.) (12.8552)            |   |   |   |   |   | 1 |   |   |   |   |   |   |   |
| 4B                                        | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)     |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4B                                        | 143338  | ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)     |   | 1 |   | 1 | 1 | 1 |   | 1 |   |   | 1 | 1 |   |
| 4B                                        | 442323  | CONNECTOR, 3/8" INV. FL. TUBE 90 DEG. (12.9460) |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
|                                           | 444000  | ADAPTOR, 1/4" PIPE (12.9460)                    |   |   |   | 1 | 1 | 1 |   | 1 |   |   | 1 | 2 |   |
|                                           | 5129184 | TEE, 1/4" SPECIAL (2.5149)                      |   |   |   | 1 | 1 | 1 |   | 1 |   |   | 1 | 2 |   |
|                                           | 2011306 | ELBOW, 1/4"-45 DEG. STREET (12.9590)            |   |   |   |   |   |   |   |   |   |   |   | 1 |   |
|                                           |         | + BULK HOSE, CUT TO LENGTH SHOWN                |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2.5164 - CLIP, FUEL SUPPLY CROSSOVER TUBE |         |                                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                           | 2488022 | CLIP, 3/8" NEOPRENE (12.8554)                   |   | 2 |   | 1 | 1 |   |   | 1 |   |   |   |   |   |
|                                           | 5177623 | CLIP, 3/8" TUBE (2.5120)                        |   |   | 1 |   |   |   |   |   |   |   |   |   |   |
|                                           | 5176400 | BRACKET (4.8010)                                |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
|                                           | 179838  | BOLT, 3/8"-16 X 7/8" (12.9001)                  |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
|                                           | 106284  | BOLT, 3/8"-24 X 5/8" (12.9001)                  |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
|                                           | 179839  | BOLT, 3/8"-16 X 1" (12.9001)                    |   |   |   | 1 | 1 |   |   |   |   |   |   |   |   |
|                                           | 103321  | LOCKWASHER, 3/8" (12.9200)                      |   | 2 |   | 1 | 1 |   |   |   |   |   |   |   |   |
|                                           | 117049  | NUT, 3/8"-24 (12.9120)                          |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
| 2.5205 - TUBE, FUEL DRAIN CROSSOVER       |         |                                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4B                                        | 5199575 | * HOSE, BULK #6 (CUT L. 21") (12.8550)          |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
| 4B                                        | 5199575 | * HOSE, BULK #6 (CUT L. 26") (12.8550)          |   |   |   | 1 | 1 |   |   |   |   |   | 1 | 1 |   |
| 4B                                        | 5199575 | * HOSE, BULK #6 (CUT L. 12") (12.8550)          |   |   |   |   |   |   |   | 1 |   |   |   |   |   |
| 4B                                        | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)           |   | 1 |   | 1 | 1 |   |   | 1 |   |   | 1 | 1 |   |
| 4B                                        | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552)            |   | 1 |   | 1 | 1 |   |   | 1 |   |   | 1 | 1 |   |
| 4B                                        | 442323  | CONNECTOR, 3/8" INV. FL. TUBE (12.9460)         |   |   |   |   |   |   |   | 1 |   |   |   |   |   |
| 4B                                        | 143338  | ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)     |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4B                                        | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)     |   | 1 |   | 1 | 1 |   |   |   |   |   | 1 | 1 |   |
|                                           | 444000  | ADAPTOR, 1/4" PIPE (12.9640)                    |   |   |   | 1 | 1 |   |   | 1 |   |   | 1 | 1 |   |
|                                           | 5129184 | TEE, 1/4" SPECIAL (2.5149)                      |   |   |   |   |   |   |   | 1 |   |   |   |   |   |
|                                           | 5142470 | TUBING (7.7020)                                 |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
|                                           |         | * BULK HOSE, CUT TO LENGTH SHOWN                |   |   |   |   |   |   |   |   |   |   |   |   |   |

## 2.5000A FUEL LINES

| PART                                     |                                                   | TYPES                                            |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------------|---------------------------------------------------|--------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FIG                                      | NUMBER                                            | NAME AND DESCRIPTION                             |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                          |                                                   | 1                                                | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                                          |                                                   | 5                                                | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|                                          |                                                   | 2                                                | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 |
|                                          |                                                   | 6                                                | 7 | 8 | 0 | 1 | 2 | 3 | 6 | 0 | 7 | 9 | 0 | 4 |   |
| 2.5207 - CLIP, FUEL DRAIN CROSSOVER TUBE |                                                   |                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2488022                                  | CLIP, 3/8" NEOPRENE (12.8554)                     |                                                  |   |   | 2 | 2 |   |   |   |   |   | 2 | 2 |   |   |
| 5130913                                  | BRACKET (7.4597)                                  |                                                  |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |
| 5127861                                  | BRACKET (7.1585)                                  |                                                  |   |   |   |   |   |   |   |   |   | 2 | 2 |   |   |
| 5157412                                  | SPACER, 7/8" O.D. X 13/32" I.D.<br>(7.4013)       |                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 179850                                   | BOLT, 3/8"-16 X 2 3/4" (12.9001)                  |                                                  |   |   | 2 | 2 |   |   |   |   |   | 2 | 2 |   |   |
| 179839                                   | BOLT, 3/8"-16 X 1" (12.9001)                      |                                                  |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |
| 272429                                   | BOLT, 3/8"-16 X 4 1/8" (12.9001)                  |                                                  |   |   |   |   |   |   |   |   |   | 2 | 2 | 2 | 2 |
| 103321                                   | LOCKWASHER, 3/8" (12.9200)                        |                                                  |   |   | 3 | 3 |   |   |   |   |   | 4 | 4 | 4 | 4 |
| 102635                                   | NUT, 3/8"-16 (12.9120)                            |                                                  |   |   | 1 | 1 |   |   |   |   |   | 2 | 2 | 2 | 2 |
| 2.5212 - COOLER ASSY., FUEL              |                                                   |                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5136348                                  | COOLER                                            |                                                  |   |   |   |   | 1 | 1 |   |   |   |   |   |   |   |
| 2.5214 - TUBE, FUEL COOLER               |                                                   |                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5110373                                  | HOSE, 2" I.D. X 3" L. (5.3330)                    |                                                  |   |   |   |   | 2 | 2 |   |   |   |   |   |   |   |
| 5199575                                  | # HOSE, BULK #6 (CUT L. 27") (12.8550)            |                                                  |   |   |   |   | 1 |   |   |   |   |   |   |   |   |
| 5199575                                  | # HOSE, BULK #6 (CUT L. 14") (12.8550)            |                                                  |   |   |   |   |   | 1 |   |   |   |   |   |   |   |
| 5199575                                  | # HOSE, BULK #6 (CUT L. 49") (12.8550)            |                                                  |   |   |   |   |   |   | 1 |   |   |   |   |   |   |
| 5199579                                  | FITTING, #6 HOSE (STRAIGHT) (12.8552)             |                                                  |   |   |   |   | 1 | 1 | 1 |   |   |   |   |   |   |
| 5199597                                  | FITTING, #6 HOSE (45 DEG.) (12.8552)              |                                                  |   |   |   |   | 1 |   | 1 |   |   |   |   |   |   |
| 5199583                                  | FITTING, #6 HOSE (STRAIGHT) (12.8552)             |                                                  |   |   |   |   |   | 1 |   |   |   |   |   |   |   |
| 5116440                                  | ELBOW, 5/16" INV. FL. TUBE (2.5210)               |                                                  |   |   |   |   | 1 | 1 | 1 |   |   |   |   |   |   |
| 193004                                   | ELBOW, 3/8" INV. FL. TUBE (12.9480)               |                                                  |   |   |   |   | 2 | 2 |   |   |   |   |   |   |   |
| 8920537                                  | CLAMP, 1 9/16"-2 1/2" CLAMPING<br>ANGLE (12.9660) |                                                  |   |   |   |   | 4 | 4 |   |   |   |   |   |   |   |
|                                          | # BULK HOSE, CUT TO LENGTH SHOWN.                 |                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2.5215 - TUBE, FUEL DRAIN FLEXIBLE       |                                                   |                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4B                                       | 5136732                                           | HOSE ASSY. (#5 X 20" L.)                         | 1 |   |   |   |   |   |   |   | 1 |   |   |   |   |
| 4B                                       | 5199575                                           | + HOSE, BULK #6 (CUT L. 25") (12.8550)           |   |   |   |   | 1 | 1 | 1 |   |   |   |   |   |   |
| 4B                                       | 5199575                                           | + HOSE, BULK #6 (CUT L. 15") (12.8550)           |   |   |   |   |   |   |   |   |   | 1 | 1 |   |   |
| 4B                                       | 5199579                                           | FITTING, #6 HOSE (STRAIGHT) (12.8552)            |   |   |   |   | 2 | 2 | 2 |   |   | 1 | 1 |   |   |
| 4B                                       | 5199592                                           | FITTING, #6 HOSE (STRAIGHT) (12.8552)            |   |   |   |   |   |   |   |   |   | 1 |   |   |   |
| 4B                                       | 5199583                                           | FITTING, #6 HOSE (STRAIGHT) (12.8553)            |   |   |   |   |   |   |   |   |   |   | 1 |   |   |
| 4B                                       | 425250                                            | CONNECTOR, 5/16" INV. FL. TUBE<br>(12.9460)      |   |   |   |   |   |   |   | 1 |   |   |   |   |   |
| 4B                                       | 442323                                            | CONNECTOR, 3/8" INV. FL. TUBE<br>(12.9460)       | 1 |   |   |   |   |   |   |   |   |   |   |   |   |
|                                          | 5128522                                           | EXTENSION, 3/8" INV. FL. TUBE, 2" L.<br>(2.5210) |   |   |   |   |   |   |   |   |   | 1 | 1 |   |   |
|                                          | 193004                                            | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)   |   |   |   |   | 1 | 1 | 1 |   |   |   |   |   |   |

## 2.5000A FUEL LINES

| PART |         |                                                                                             | TYPES |    |   |   |   |    |    |    |   |   |   |   |
|------|---------|---------------------------------------------------------------------------------------------|-------|----|---|---|---|----|----|----|---|---|---|---|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                                                        | 1     | 1  | 1 | 1 | 1 | 1  | 1  | 1  | 1 | 1 | 1 | 1 |
|      |         |                                                                                             | 5     | 5  | 5 | 5 | 5 | 5  | 5  | 5  | 5 | 5 | 5 | 5 |
|      |         |                                                                                             | 2     | 2  | 2 | 3 | 3 | 3  | 3  | 4  | 4 | 4 | 5 | 5 |
|      |         |                                                                                             | 8     | 7  | 8 | 0 | 1 | 2  | 3  | 8  | 0 | 7 | 9 | 4 |
|      | 2.5215  | TUBE, FUEL DRAIN FLEXIBLE<br>(CONT'D)                                                       |       |    |   |   |   |    |    |    |   |   |   |   |
|      | 5116440 | ELBOW, 5/16" INV. FL. TUBE .070<br>RESTRICTED (2.5210)<br>+ BULK HOSE, CUT TO LENGTH SHOWN. |       |    |   |   |   |    |    |    |   |   | 1 | 1 |
|      | 2.5220  | CLIP, FUEL DRAIN TUBE                                                                       |       |    |   |   |   |    |    |    |   |   |   |   |
| 4A   | 2488022 | CLIP, 3/8" NEOPRENE (12.8554)                                                               |       |    |   |   |   | 2  | 1  | 2  |   |   | 1 | 1 |
| 4A   | 5108249 | CLIP, 2 3/8" (5.2190)                                                                       |       |    |   |   |   | 1  | 1  |    |   |   |   |   |
| 4A   | 5112241 | CLAMP (2.5070)                                                                              |       |    |   |   |   |    |    |    |   | 6 |   |   |
|      | 110502  | SCREW, 10-24 X 3/8" (12.9025)                                                               |       |    |   |   |   |    |    |    |   | 3 |   |   |
| 4A   | 179816  | BOLT, 5/16"-18 X 3/4" (12.9001)                                                             |       |    |   |   |   | 1  | 1  |    |   |   |   |   |
| 4A   | 179839  | BOLT, 3/8"-16 X 1" (12.9001)                                                                |       |    |   |   |   |    |    |    |   |   | 1 |   |
|      | 103341  | WASHER, 3/8" (12.9190)                                                                      |       |    |   |   |   |    |    |    |   |   | 1 |   |
|      | 103320  | LOCKWASHER, 5/16" (12.9200)                                                                 |       |    |   |   |   | 1  | 1  |    |   |   |   |   |
|      | 120217  | LOCKWASHER, #10 (12.9200)                                                                   |       |    |   |   |   |    |    |    |   | 3 |   |   |
|      | 103321  | LOCKWASHER, 3/8" (12.9200)                                                                  |       |    |   |   |   |    |    |    |   |   | 1 |   |
|      | 110633  | NUT, 10-20 (12.9120)                                                                        |       |    |   |   |   |    |    |    |   | 3 |   |   |
|      | 2.5255  | SHIELDING, FLEXIBLE HOSE                                                                    |       |    |   |   |   |    |    |    |   |   |   |   |
|      | 5101020 | STRAP, HOSE                                                                                 |       | AR |   |   |   | AR | AR | AR |   |   |   |   |

## 2.5000A FUEL LINES AND FUEL COOLER

| PART                                 |         | NAME AND DESCRIPTION                                                                                  |  | TYPES       |             |             |             |             |             |             |             |             |             |             |             |             |             |
|--------------------------------------|---------|-------------------------------------------------------------------------------------------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                  | NUMBER  |                                                                                                       |  | 1<br>5<br>8 | 1<br>5<br>9 | 1<br>5<br>1 | 1<br>5<br>5 | 1<br>5<br>6 | 1<br>5<br>6 | 1<br>5<br>6 | 1<br>5<br>7 | 1<br>5<br>8 | 1<br>5<br>8 | 1<br>5<br>8 | 1<br>5<br>9 | 1<br>5<br>9 | 1<br>6<br>0 |
| 2.5050 - TUBE, STRAINER TO FUEL PUMP |         |                                                                                                       |  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 4B                                   | 5199575 | + HOSE, BULK #6 (CUT L. 30")                                                                          |  |             |             | 1           |             |             |             |             |             |             |             |             |             |             |             |
| 4B                                   | 5199575 | + HOSE, BULK #6 (CUT L. 35") (12.8550)                                                                |  |             |             |             | 1           |             |             |             |             |             |             |             |             |             |             |
| 4B                                   | 5199575 | + HOSE, BULK #6 (CUT L. 19") (12.8550)                                                                |  |             |             |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 4B                                   | 5199575 | + HOSE, BULK #6 (CUT L. 6") (12.8550)                                                                 |  |             |             |             |             |             | 1           |             |             |             |             |             |             |             |             |
| 4B                                   | 5199575 | + HOSE, BULK #6 (CUT L. 12") (12.8550)                                                                |  |             |             |             |             |             |             | 1           | 1           |             |             |             |             |             |             |
| 4B                                   | 5199575 | + HOSE, BULK #6 (CUT L. 8.5") (12.8550)                                                               |  |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |
|                                      | 5141351 | TUBE ASSY.                                                                                            |  |             |             |             |             |             |             |             |             |             |             |             | 1           |             |             |
|                                      | 5142945 | TUBE ASSY.                                                                                            |  |             |             |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 4B                                   | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)                                                                 |  |             |             | 2           | 1           | 1           | 1           | 1           | 2           | 2           |             |             |             |             |             |
| 4B                                   | 5199593 | FITTING, #6 HOSE (45 DEG.) (12.8552)                                                                  |  |             |             |             | 1           | 1           |             |             |             |             |             |             |             |             |             |
|                                      | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552)                                                                  |  |             |             |             |             |             | 1           | 1           |             |             |             |             |             |             |             |
| 4A                                   | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)                                                        |  |             |             | 1           |             | 1           | 1           | 1           | 1           |             |             |             | 1           | 1           |             |
| 4A                                   | 143338  | ELBOW, 3/8" INV. FL. TUBE 45 DEG.<br>(12.9480)                                                        |  |             |             |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 4A                                   | 9432249 | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)                                                        |  |             |             |             |             |             | 1           |             |             |             |             | 1           | 1           |             |             |
|                                      | 190367  | * ELBOW, 1/4" 90 DEG (12.9450)                                                                        |  |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |
| 4B                                   | 9432267 | CONNECTOR, 3/8" TUBE (12.9460)                                                                        |  |             |             | 1           |             |             | 1           | 1           | 1           | 1           |             |             |             |             | 1           |
| 4B                                   | 442323  | CONNECTOR, 3/8" INV. FL. TUBE<br>(12.9460)                                                            |  |             |             |             |             | 1           |             |             |             |             |             |             |             |             |             |
|                                      | 442330  | CONNECTOR, 5/16" TUBE 1/4"                                                                            |  |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |
|                                      | 5198558 | BUSHING, 3/8"X1/4" RED. (2.2030)                                                                      |  |             |             |             |             | 1           |             |             |             |             | 1           |             |             |             |             |
|                                      | 5118896 | SPACER, 3 3/16"X1 1/4"X3/8" (2.3530)<br>+ BULK HOSE CUT TO LENGTH SHOWN.<br>* USED WITH 5130689 HOSE. |  |             |             |             |             | 3           |             |             |             |             |             |             |             |             |             |
| 2.5070 - CLIP, STRAINER TO FUEL PUMP |         |                                                                                                       |  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 4A                                   | 2488022 | CLIP, 3/8" (12.8554)                                                                                  |  |             |             |             |             |             | 4           |             | 1           | 5           |             |             |             |             |             |
|                                      | 179838  | BOLT, 3/8"-16X7/8" (12.9001)                                                                          |  |             |             |             |             |             |             |             | 1           |             |             |             |             |             |             |
|                                      | 186612  | BOLT, 3/8"-16X1 3/8" (12.9001)                                                                        |  |             |             |             |             |             |             |             | 1           |             |             |             |             |             |             |
|                                      | 103321  | LOCKWASHER, 3/8" (12.9200)                                                                            |  |             |             |             |             |             |             |             | 2           |             |             |             |             |             |             |
|                                      | 102635  | NUT, 3/8"-16 (12.9120)                                                                                |  |             |             |             |             |             |             |             | 2           |             |             |             |             |             |             |
| 2.5100 - TUBE, FUEL PUMP TO FILTER   |         |                                                                                                       |  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 4A                                   | 5199575 | + HOSE, BULK #6 (CUT L. 11") (12.8550)                                                                |  |             | 1           |             |             |             | 1           |             |             | 1           | 1           | 1           |             |             |             |
| 4A                                   | 5199575 | + HOSE, BULK #6 (CUT L. 34") (12.8550)                                                                |  |             |             | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 4A                                   | 5199575 | + HOSE, BULK #6 (CUT L. 15") (12.8550)                                                                |  |             |             |             |             |             |             | 1           |             |             |             |             |             |             |             |
| 4A                                   | 5199575 | + HOSE, BULK #6 (CUT L. 24") (12.8550)                                                                |  |             |             |             |             |             |             |             | 1           |             |             |             |             |             |             |
|                                      | 8922988 | TUBE, 13.75" L. (2.5151)                                                                              |  |             |             |             |             |             |             |             |             |             |             |             | 1           |             |             |
|                                      | 8922987 | TUBE, 19.15" L. (2.5151)                                                                              |  |             |             |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 4A                                   | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)                                                                 |  |             | 1           | 1           | 1           | 1           |             | 2           | 1           | 1           | 1           | 1           |             |             |             |
| 4A                                   | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552)                                                                  |  |             | 1           | 1           | 1           | 1           |             |             | 1           | 1           | 1           | 1           |             |             |             |
| 4A                                   | 5199580 | FITTING, #8 HOSE (STRAIGHT) (12.8550)                                                                 |  |             |             |             |             |             |             | 2           |             |             |             |             |             |             |             |
|                                      | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)                                                        |  |             |             | 3           | 1           | 1           | 2           | 1           | 1           | 1           | 2           | 3           | 1           | 1           |             |
|                                      | 143338  | ELBOW, 3/8" INV. FL. TUBE 45 DEG.<br>(12.9480)                                                        |  |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |
| 4A                                   | 442323  | CONNECTOR, 3/8" INV. FL. TUBE<br>(12.9460)<br>+ BULK HOSE, CUT TO LENGTH SHOWN.                       |  |             |             |             | 1           | 1           |             |             | 1           | 1           |             |             | 1           | 1           |             |

## 2.5000A FUEL LINES

| PART |         | TYPES                                                           |   |   |   |   |   |   |   |   |   |
|------|---------|-----------------------------------------------------------------|---|---|---|---|---|---|---|---|---|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                            | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|      |         |                                                                 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|      |         |                                                                 | 8 | 9 | 1 | 5 | 6 | 7 | 8 | 8 | 8 |
|      |         |                                                                 | 8 | 9 | 1 | 5 | 6 | 9 | 0 | 0 | 2 |
|      |         | <b>2.5180 - TUBE, FILTER TO CYLINDER HEAD FLEXIBLE (CONT'D)</b> |   |   |   |   |   |   |   |   |   |
| 4B   | 5199575 | % HOSE, BULK #6 (CUT L. 14") (12.8550)                          |   |   |   | 1 |   |   |   |   |   |
|      | 5199575 | % HOSE, BULK #6 (CUT L. 24") (12.8550)                          |   |   |   |   |   | 1 |   |   |   |
|      | 5199575 | % HOSE, BULK #6 (CUT L. 16") (12.8550)                          |   |   |   |   |   |   | 1 |   |   |
| 4B   | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552)                            |   |   | 1 |   | 1 |   |   |   |   |
|      | 5199593 | FITTING, #6 HOSE (45 DEG.) (12.8552)                            |   |   |   |   |   |   | 1 |   |   |
|      | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)                           |   |   |   |   | 1 | 2 | 1 | 2 | 2 |
|      | 442323  | CONNECTOR, 3/8" INV. FL. TUBE (12.9460)                         |   |   |   |   |   | 1 |   |   |   |
| 4A   | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)                     |   | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 1 |

## 2.5000A FUEL LINES AND FUEL COOLER

| PART                                           |         |                                                      | TYPES |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------------------|---------|------------------------------------------------------|-------|---|---|---|---|---|---|---|---|---|---|---|
| FIG                                            | NUMBER  | NAME AND DESCRIPTION                                 | 1     | 5 | 6 | 1 | 5 | 6 | 1 | 5 | 6 | 1 | 5 | 6 |
|                                                |         |                                                      | 8     | 9 | 1 | 5 | 6 | 9 | 0 | 0 | 2 | 5 | 9 | 0 |
| <b>2.5120 - CLIP, FUEL PUMP TO FILTER HOSE</b> |         |                                                      |       |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                             | 2488022 | CLIP, 3/8" (12.8554)                                 |       |   | 3 |   |   | 1 | 1 |   |   |   |   | 2 |
|                                                | 5131190 | CLIP, 3/8" TUBE                                      |       |   |   |   |   |   |   |   |   |   | 2 |   |
|                                                | 5138090 | CLIP, 3/8" TUBE                                      |       |   |   |   |   |   |   |   |   |   |   | 2 |
|                                                | 5101377 | BOLT, 3/8"-16X1" (5.2020)                            |       |   |   |   |   |   |   |   |   |   | 2 | 2 |
|                                                | 436574  | SCREW, #10-24X1" SL. HD. (12.9025)                   |       |   |   |   |   |   |   |   |   |   |   | 1 |
|                                                | 120391  | WASHER, 7/32"X1/2" (12.9190)                         |       |   |   |   |   |   |   |   |   |   |   | 1 |
|                                                | 103341  | WASHER, 3/8" (12.9190)                               |       |   |   |   |   |   |   |   |   |   | 2 | 2 |
|                                                | 120217  | LOCKWASHER, #10 (12.9200)                            |       |   |   |   |   |   |   |   |   |   |   | 1 |
|                                                | 103321  | LOCKWASHER, 3/8" (12.9200)                           |       |   |   |   |   |   |   |   |   |   | 2 | 2 |
|                                                | 110633  | NUT, #10-24 (12.9120)                                |       |   |   |   |   |   |   |   |   |   |   | 1 |
| <b>2.5149 - TUBE, FILTER TO CYLINDER HEAD</b>  |         |                                                      |       |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                             | 5141266 | TUBE (2.5100)                                        |       |   |   |   |   |   |   |   |   |   | 1 |   |
| 4A                                             | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)       |       |   |   |   |   |   |   |   |   |   | 2 |   |
| 4A                                             | 5116440 | ELBOW, 5/16" INV. FL. TUBE (.070"<br>REST.) (2.5210) |       |   |   |   |   |   |   |   |   |   | 1 |   |
| <b>2.5160 - HOSE, FILTER TO CYLINDER HEAD</b>  |         |                                                      |       |   |   |   |   |   |   |   |   |   |   |   |
| 4B                                             | 5199575 | % HOSE, BULK #6 (CUT L. 8 1/2")<br>(12.8550)         |       | 1 |   |   |   |   |   |   | 1 | 1 |   |   |
| 4B                                             | 5199575 | % HOSE, BULK #6 (CUT L. 10") (12.8550)               |       |   | 1 |   |   |   |   |   |   |   |   |   |
| 4B                                             | 5199575 | % HOSE, BULK #6 (CUT L. 6") (12.8550)                |       |   |   | 1 |   | 1 |   |   |   |   |   |   |
| 4B                                             | 5199575 | % HOSE, BULK #6 (CUT L. 14") (12.8550)               |       |   |   |   | 1 |   |   |   |   |   |   |   |
|                                                | 5199575 | % HOSE, BULK #6 (CUT L. 24") (12.8550)               |       |   |   |   |   | 1 |   |   |   |   |   |   |
|                                                | 5199575 | % HOSE, BULK #6 (CUT L. 16") (12.8550)               |       |   |   |   |   |   | 1 |   |   |   |   |   |
|                                                | 5199575 | % HOSE, BULK #6 (CUT L. 22") (12.8550)               |       |   |   |   |   |   |   | 1 |   |   |   | 1 |
| 4B                                             | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552)                 |       |   |   | 1 |   | 1 |   |   |   |   |   |   |
|                                                | 5199593 | FITTING, #6 HOSE (45 DEG.) (12.8552)                 |       |   |   |   |   |   | 1 | 1 |   |   |   |   |
|                                                | 5199579 | FITTING, #6 HOSE (STRAIGHT) (12.8552)                |       |   |   |   |   | 1 | 2 | 1 | 2 | 2 |   | 2 |
|                                                | 442323  | CONNECTOR, 3/8" INV. FL. TUBE<br>(12.9460)           |       |   |   |   |   |   | 1 |   |   |   |   |   |
| 4A                                             | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)       |       | 1 | 2 | 2 | 2 | 2 | 1 | 2 |   | 1 |   | 2 |
| 4A                                             | 5127911 | ELBOW, 1/4" INV. FL. TUBE (.070" REST.)<br>(2.5210)  |       | 1 | 1 |   |   |   | 1 |   |   |   |   |   |
|                                                | 5116440 | ELBOW, 5/16" INV. FL. TUBE (.070"<br>REST.)          |       |   |   |   |   |   |   | 1 | 1 | 1 |   | 1 |
|                                                | 5121182 | PLUG, 1/4" PIPE (2.4015)                             |       | 1 |   | 1 | 1 | 4 |   |   |   | 2 |   |   |
|                                                | 5136132 | ADAPTOR, 1/4"X1/4"X.070" REST.<br>(2.5210)           |       |   |   | 1 |   |   |   |   |   |   |   |   |
|                                                |         | % BULK HOSE, CUT TO LENGTH SHOWN.                    |       |   |   |   |   |   |   |   |   |   |   |   |
| <b>2.5163 - TUBE, FUEL SUPPLY CROSSOVER</b>    |         |                                                      |       |   |   |   |   |   |   |   |   |   |   |   |
|                                                | 5131375 | HOSE ASSY., #6X28" L. (2.5210)                       | 1     |   |   |   |   |   |   |   |   |   |   |   |
|                                                | 190367  | ELBOW, 1/4" STREET 90 DEG. (12.9590)                 | 1     |   |   |   |   |   |   |   |   |   |   |   |
|                                                | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)       |       |   |   |   |   |   |   |   |   |   |   |   |
|                                                | 444000  | ADAPTOR, 1/4"X18" PIPE (12.9640)                     | 1     |   |   |   |   |   |   |   |   |   |   |   |
|                                                | 178917  | TEE, 3/8" INV. FL. TUBE (12.9490)                    | 1     |   |   |   |   |   |   |   |   |   |   |   |
|                                                | 144598  | NIPPLE, 1/4"X2 1/2" (12.9560)                        | 1     |   |   |   |   |   |   |   |   |   |   |   |

## 2.5000A FUEL LINES AND FUEL COOLER

| FIG | PART<br>NUMBER | NAME AND DESCRIPTION                             | TYPES |   |   |   |   |   |   |   |   |   |   |   |
|-----|----------------|--------------------------------------------------|-------|---|---|---|---|---|---|---|---|---|---|---|
|     |                |                                                  | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|     |                |                                                  | 5     | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|     |                |                                                  | 5     | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|     |                |                                                  | 8     | 9 | 1 | 5 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 0 |
|     |                |                                                  |       |   |   |   |   |   |   |   |   |   |   |   |
|     |                | 2.5164 - CLIP, FUEL SUPPLY CROSSOVER TUBE        |       |   |   |   |   |   |   |   |   |   |   |   |
|     | 5171509        | CLIP, 5/8" TUBE (9.1591)                         | 1     |   |   |   |   |   |   |   |   |   |   |   |
|     | 179847         | BOLT, 3/8"-16X2" (12.9001)                       | 1     |   |   |   |   |   |   |   |   |   |   |   |
|     |                | 2.5205 - TUBE, FUEL DRAIN CROSSOVER              |       |   |   |   |   |   |   |   |   |   |   |   |
| 4B  | 5142005        | HOSE ASSY., #6X26 1/2" (2.5100)                  | 1     |   |   |   |   |   |   |   |   |   |   |   |
| 4B  | 5128283        | TUBE (DEV. L. 25.82")                            | 1     |   |   |   |   |   |   |   |   |   |   |   |
| 4B  | 5138293        | ELBOW ASSY., 3/8" SEALASTIC 45 DEG.<br>(12.9425) | 1     |   |   |   |   |   |   |   |   |   |   |   |
| 4B  | 5138298        | ELBOW ASSY., 3/8"-90 DEG. (12.9425)              | 1     |   |   |   |   |   |   |   |   |   |   |   |
| 4B  | 9432249        | ELBOW, 3/8" INV. FL. TUBE (12.9480)              | 1     |   |   |   |   |   |   |   |   |   |   |   |
|     | 5121182        | PLUG, 1/4" PIPE (2.4015)                         | 5     |   |   |   |   |   |   |   |   |   |   |   |
|     | 103647         | DRAINCOCK, 1/4" (12.9510)                        | 2     |   |   |   |   |   |   |   |   |   |   |   |
|     |                | 2.5210 - TUBE, FUEL DRAIN                        |       |   |   |   |   |   |   |   |   |   |   |   |
|     | 5143774        | TUBE ASSY. (DEV. L. 15.12") (7.8310)             | 1     |   |   |   |   |   |   |   |   |   |   |   |
|     | 5112892        | ELBOW, 5/16" (1.065" RESTRICTED)                 | 1     |   |   |   |   |   |   |   |   |   |   |   |
|     |                | 2.5215 - HOSE, FUEL DRAIN                        |       |   |   |   |   |   |   |   |   |   |   |   |
| 4B  | 5136732        | HOSE ASSY., #5X20" L.                            |       |   | 1 |   |   |   |   |   | 1 |   |   |   |
| 4B  | 425250         | CONNECTOR, 5/16" INV. FL TUBE<br>(12.9460)       |       |   | 1 |   |   |   |   |   | 1 |   |   |   |
|     |                | 2.5220 - CLIP, FUEL DRAIN                        |       |   |   |   |   |   |   |   |   |   |   |   |
|     | 140580         | CLIP, 3/8" (12.9630)                             | 1     |   | 1 |   |   |   |   |   |   |   |   |   |
|     | 179837         | BOLT, 3/8"-16X3/4" (12.9001)                     | 1     |   |   |   |   |   |   |   |   |   |   |   |
|     | 103321         | LOCKWASHER, 3/8" (12.9200)                       | 1     |   |   |   |   |   |   |   |   |   |   |   |
|     |                | 2.5255 - SHIELDING, FLEXIBLE HOSE                |       |   |   |   |   |   |   |   |   |   |   |   |
|     | 5101020        | STRAP, HOSE                                      |       |   | 1 |   | 2 |   | 2 |   |   |   |   |   |



## 2.5000A FUEL LINES AND FUEL COOLER

| PART                                   |         |                                                                                 | TYPES |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------------|---------|---------------------------------------------------------------------------------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FIG                                    | NUMBER  | NAME AND DESCRIPTION                                                            | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                                        |         |                                                                                 | 6     | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|                                        |         |                                                                                 | 0     | 0 | 0 | 2 | 3 | 3 | 3 | 4 | 1 | 2 | 4 | 4 | 9 | 9 |
|                                        |         |                                                                                 | 1     | 2 | 3 | 9 | 0 | 4 | 7 |   |   |   |   |   | 0 | 1 |
| 2.5006 - VALVE, FUEL SUPPLY CHECK      |         |                                                                                 |       |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5135308                                |         | VALVE, 3/8" (SWING TYPE)                                                        |       |   |   |   |   |   |   |   |   |   |   |   | 1 |   |
| 2.5010 - HOSE, FUEL SUPPLY TO STRAINER |         |                                                                                 |       |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8926599                                |         | HOSE ASSY., #6X11.82"L.                                                         |       |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| 8924217                                |         | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)                                  |       |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| 442330                                 |         | CONNECTOR, 3/8" TUBE (12.9460)                                                  |       |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| 2.5050 - TUBE, STRAINER TO FUEL PUMP   |         |                                                                                 |       |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 5141351 | TUBE ASSY. (DEV. L. 9.90")                                                      | 1     |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                        | 8925436 | TUBE ASSY. (DEV. L. 12.83")                                                     |       |   |   |   |   |   |   |   |   | 1 |   |   |   |   |
| 4A                                     | 5199575 | + HOSE, BULK #6 (CUT L. 6") (12.8550)                                           |       | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 8924042 | HOSE ASSY., #8X27.94" L.                                                        |       |   |   | 1 |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 8924043 | HOSE ASSY., #8X14.94" L.                                                        |       |   |   |   | 1 |   |   |   |   |   |   |   |   |   |
| 4A                                     | 5199576 | + HOSE, BULK #8 (CUT L. 12") (12.8550)                                          |       |   |   |   |   | 1 |   |   |   |   |   |   |   |   |
| 4A                                     | 5199579 | FITTING, #6 HOSE (STRAIGHT)<br>(12.8552)                                        |       |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 5199588 | FITTING, #6 HOSE (90 DEG.) (12.8552)                                            |       | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 5199580 | FITTING, #8 HOSE (STRAIGHT)<br>(12.8552)                                        |       | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 5199594 | FITTING, #8 HOSE (45 DEG.) (12.8552)                                            |       |   |   |   |   | 1 |   |   |   |   |   |   |   |   |
| 4A                                     | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)                                  | 1     | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 8924217 | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)                                  | 1     |   |   |   |   |   |   |   |   | 1 |   |   |   |   |
| 4A                                     | 8924169 | CONNECTOR, 1/2" TUBE (12.9460)                                                  |       |   |   |   | 2 | 2 | 2 |   |   |   |   |   |   |   |
| 4B                                     | 8924154 | ELBOW, 3/8" TUBE 90 DEG. (12.9480)                                              |       |   |   |   |   |   |   |   | 1 |   |   |   |   |   |
| 4A                                     | 8925048 | CONNECTOR, 3/8" TUBE (12.9460)<br>+ BULK HOSE, CUT TO LENGTH SHOWN.             |       | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |
| 2.5070 - CLIP, STRAINER TO FUEL PUMP   |         |                                                                                 |       |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5145429                                |         | CLIP, #8 HOSE (7.8320)                                                          |       |   |   | 1 |   |   |   |   |   |   |   |   |   |   |
| 2.5100 - TUBE, FUEL PUMP TO FILTER     |         |                                                                                 |       |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 8922988 | TUBE, 13.75" L. (2.5151)                                                        | 1     |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                        | 5121080 | TUBE, 12.88" L.                                                                 |       |   |   |   |   |   | 1 |   |   |   |   |   |   |   |
| 4A                                     | 5199575 | + HOSE, BULK #6 (CUT L. 15.0")<br>(12.8550)                                     |       |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 5199575 | + HOSE, BULK #6 (CUT L. 49.0")<br>(12.8550)                                     |       | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |
|                                        | 8926600 | HOSE ASSY., #6X13.32" L.                                                        |       |   |   |   |   |   | 1 |   |   |   |   |   |   |   |
|                                        | 8924171 | CONNECTOR, 3/8" TUBE (12.9460)                                                  |       |   |   |   |   |   |   |   |   | 1 |   |   |   | 1 |
| 4A                                     | 5199579 | FITTING, #6 HOSE (STRAIGHT)<br>(12.8552)                                        |       |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 5199593 | FITTING, #6 HOSE (45 DEG.) (12.8552)                                            |       | 2 | 2 |   |   |   | 1 |   |   |   |   |   |   |   |
| 4A                                     | 193004  | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480)                                  | 1     | 1 | 1 |   |   |   | 1 |   |   |   |   |   |   |   |
| 4A                                     | 143338  | ELBOW, 3/8" INV. FL. TUBE 45 DEG.<br>(12.9480)                                  |       |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                        | 8925030 | ELBOW, 3/8" TUBE 90 DEG. (12.9480)                                              |       | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                     | 442323  | CONNECTOR, 3/8" INV. FL. TUBE<br>(12.9460)<br>+ BULK HOSE, CUT TO LENGTH SHOWN. | 1     |   |   |   |   | 2 |   | 1 |   |   |   |   | 2 |   |

## 2.5000A FUEL LINES AND FUEL COOLER

| PART                                      |              | TYPES                                           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|-------------------------------------------|--------------|-------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| ..FIG ..                                  | NUMBER ..... | NAME AND DESCRIPTION .....                      | 1<br>6<br>0<br>1 | 1<br>6<br>0<br>2 | 1<br>6<br>0<br>3 | 1<br>6<br>2<br>9 | 1<br>6<br>3<br>0 | 1<br>6<br>3<br>4 | 1<br>6<br>3<br>7 | 1<br>6<br>4<br>1 | 1<br>6<br>4<br>2 | 1<br>6<br>4<br>3 | 1<br>6<br>9<br>0 | 1<br>6<br>9<br>1 |
| 2.5110 - HOSE, FUEL PUMP OUTLET TO FILTER |              |                                                 |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 8924035                                   |              | HOSE ASSY., #6X20.55" L. ....                   |                  |                  |                  | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |
| 5199575                                   |              | HOSE, BULK #6 (CUT L. 49.0")<br>(12.8550) ..... |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |
| 8925030                                   |              | ELBOW, 3/8" TUBE 90 DEG. (12.9480) .....        |                  |                  |                  | 2                | 2                |                  |                  |                  |                  |                  | 2                |                  |
| 5199579                                   |              | FITTING, #6 HOSE (STRAIGHT)<br>(12.8552) .....  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |
| 5199593                                   |              | FITTING, #6 HOSE (45 DEG.) (12.8552) .....      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |

## 2.5000A FUEL LINES AND FUEL COOLER

| FIG                                            | PART<br>NUMBER | NAME AND DESCRIPTION                   | TYPES |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------------------|----------------|----------------------------------------|-------|---|---|---|---|---|---|---|---|---|---|---|
|                                                |                |                                        | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                                                |                |                                        | 6     | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|                                                |                |                                        | 0     | 0 | 0 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 9 | 9 |
|                                                |                |                                        | 1     | 2 | 3 | 9 | 0 | 4 | 7 | 1 | 2 | 3 | 0 | 1 |
| <b>2.5120 - CLIP, FUEL PUMP TO FILTER HOSE</b> |                |                                        |       |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                             | 2488022        | CLIP, 3/8" (12.8554)                   | 2     | 1 | 1 |   |   | 3 |   |   |   | 3 |   |   |
|                                                | 5182647        | BRACKET (5.2190)                       |       |   |   |   |   | 1 |   |   |   | 2 |   |   |
|                                                | 179835         | BOLT, 3/8"-16X5/8" (12.9001)           |       |   |   |   |   |   |   |   |   | 1 |   |   |
|                                                | 186625         | BOLT, 5/16"-18X7/8" (12.9001)          |       |   |   |   |   | 1 |   |   |   | 2 |   |   |
|                                                | 5101377        | BOLT, 3/8"-16X1" (5.2020)              | 2     |   |   |   |   |   |   |   |   |   |   |   |
|                                                | 187491         | BOLT, 3/8"-16X5 1/2" (12.9001)         |       |   |   |   |   |   |   |   |   | 1 |   |   |
|                                                | 5196119        | SPACER, 3/8" THICK (3.4001)            |       |   |   |   |   |   |   |   |   | 1 |   |   |
|                                                | 120393         | WASHER, 5/16" (12.9190)                |       |   |   |   |   | 1 |   |   |   | 2 |   |   |
|                                                | 103341         | WASHER, 3/8" (12.9190)                 | 2     |   |   |   |   |   |   |   |   | 1 |   |   |
|                                                | 103320         | LOCKWASHER, 5/16" (12.9200)            |       |   |   |   |   | 1 |   |   |   | 2 |   |   |
|                                                | 103321         | LOCKWASHER, 3/8" (12.9200)             | 2     |   |   |   |   |   |   |   |   | 2 |   |   |
|                                                | 120376         | NUT, 5/16"-18 (12.9120)                |       |   |   |   |   | 1 |   |   |   | 2 |   |   |
| <b>2.5149 - TUBE, FILTER TO CYLINDER HEAD</b>  |                |                                        |       |   |   |   |   |   |   |   |   |   |   |   |
|                                                | 8925435        | TUBE ASSY., DEV. L. 9.27" (2.5149)     |       |   |   |   |   |   |   | 1 |   |   |   |   |
| 4A                                             | 5199575        | + HOSE, BULK #6 (CUT L. 22") (12.8550) | 1     |   |   |   |   |   |   |   |   |   |   |   |
| 4A                                             | 5199575        | + HOSE, BULK #6 (CUT L. 19") (12.8550) |       |   |   |   |   | 1 |   |   |   |   |   |   |
| 4A                                             | 5199575        | + HOSE, BULK #6 (CUT L. 6") (12.8550)  |       | 1 | 1 |   |   |   |   |   |   |   |   |   |
| 4A                                             | 8924036        | HOSE ASSY., #6X24.55" L.               |       |   |   | 1 | 1 |   |   |   |   |   |   |   |
| 4A                                             | 8924037        | HOSE ASSY., #6X28.84" L. (2.5163)      |       |   |   | 1 |   |   |   |   |   |   |   |   |
|                                                | 8924038        | HOSE ASSY., #6X32.64" L. (2.5163)      |       |   |   |   | 1 |   |   |   |   |   |   |   |
|                                                | 8926601        | HOSE ASSY., #6X9.50" L.                |       |   |   |   |   |   |   |   |   |   | 1 |   |
|                                                | 8923847        | PLUG, 1/4" PIPE (4.7001)               |       |   |   | 1 |   |   |   |   |   |   |   |   |
|                                                | 8925030        | ELBOW, 90 DEG. 3/8" TUBE (12.9480)     |       |   |   | 2 | 2 |   |   | 2 |   |   | 2 |   |
| 4A                                             | 5199579        | FITTING, #6 HOSE (STRAIGHT)            |       |   |   |   |   |   |   |   |   |   |   |   |
|                                                |                | (12.8552)                              | 2     | 1 | 1 |   |   | 1 |   |   |   |   |   |   |
| 4A                                             | 5199593        | FITTING, #6 HOSE (45 DEG.) (12.8552)   |       |   |   |   |   | 1 |   |   |   |   |   |   |
| 4A                                             | 5199588        | FITTING, #6 HOSE (90 DEG.) (12.8552)   |       | 1 | 1 |   |   |   |   |   |   |   |   |   |
|                                                | 8924171        | CONNECTOR, 3/8" TUBE (12.9460)         |       |   |   |   |   | 1 |   |   |   |   |   |   |
|                                                | 8924168        | ELBOW, 90 DEG. 1/4" PIPE (12.9590)     |       |   |   | 1 | 1 |   |   |   |   |   |   |   |
| 4A                                             | 193004         | ELBOW, 3/8" INV. FL. TUBE 90 DEG.      |       |   |   |   |   |   |   |   |   |   |   |   |
|                                                |                | (12.9480)                              | 2     | 2 | 2 |   |   |   |   |   |   |   |   |   |
| 4A                                             | 8924185        | ELBOW, 5/16" INV. FL. TUBE (2.5210)    | 1     | 1 | 1 |   |   |   |   |   |   |   |   |   |
|                                                | 8924185        | ELBOW, 5/16" INV. FL. TUBE (2.5210)    |       |   |   |   |   |   |   | 1 |   |   |   |   |
|                                                | 178917         | TEE, 3/8" INV. FL. TUBE (12.9616)      |       |   |   | 1 | 1 |   |   |   |   |   |   |   |
|                                                | 8924199        | TEE, 3/8" INV. FL. TUBE (7.4694)       |       |   |   |   |   | 1 |   |   |   |   |   |   |
|                                                | 8925026        | NIPPLE, 1/4"X2 1/2" (12.9560)          |       |   |   | 1 | 1 |   |   |   |   |   |   |   |
|                                                |                | + BULK HOSE, CUT TO LENGTH SHOWN.      |       |   |   |   |   |   |   |   |   |   |   |   |
| <b>2.5156 - CLIP, FILTER OUTLET TUBE</b>       |                |                                        |       |   |   |   |   |   |   |   |   |   |   |   |
|                                                | 2362448        | CLIP, .688" DIA. (12.8554)             |       |   |   | 1 | 1 |   |   |   |   |   |   |   |
| <b>2.5160 - HOSE, FILTER TO CYLINDER HEAD</b>  |                |                                        |       |   |   |   |   |   |   |   |   |   |   |   |
|                                                | 5199575        | + HOSE, BULK #6 (CUT L. 17.0")         |       |   |   |   |   |   |   |   |   |   |   |   |
|                                                |                | (12.8550)                              |       |   |   |   |   |   |   |   |   | 1 |   |   |
|                                                | 5199579        | FITTING, #6 HOSE (STRAIGHT)            |       |   |   |   |   |   |   |   |   |   |   |   |
|                                                |                | (12.8552)                              |       |   |   |   |   |   |   |   |   | 1 |   |   |
|                                                | 5199593        | FITTING, #6 HOSE (45 DEG.) (12.8552)   |       |   |   |   |   |   |   |   |   | 1 |   |   |
|                                                | 8924161        | ELBOW, 45 DEG. 3/8" TUBE (12.9480)     |       |   |   |   |   |   |   |   |   | 1 |   |   |
|                                                | 8924199        | TEE, 1/4"X1/4"X5/8" (7.4694)           |       |   |   |   |   |   |   |   |   | 1 |   |   |
|                                                |                | + BULK HOSE, CUT TO LENGTH SHOWN.      |       |   |   |   |   |   |   |   |   |   |   |   |

## 2.5000A FUEL LINES AND FUEL COOLER

| FIG | PART<br>NUMBER                                        | NAME AND DESCRIPTION                                     | TYPES |   |   |   |   |   |   |   |   |   |   |   |
|-----|-------------------------------------------------------|----------------------------------------------------------|-------|---|---|---|---|---|---|---|---|---|---|---|
|     |                                                       |                                                          | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|     |                                                       |                                                          | 6     | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|     |                                                       |                                                          | 0     | 0 | 0 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 9 | 9 |
|     |                                                       |                                                          | 1     | 2 | 3 | 9 | 0 | 4 | 7 | 1 | 2 | 3 | 0 | 1 |
|     | <b>2.5163 - TUBE, FUEL SUPPLY CROSSOVER</b>           |                                                          |       |   |   |   |   |   |   |   |   |   |   |   |
|     | 5107854                                               | HOSE ASSY., #6X18.3" L.                                  |       |   |   | 1 | 1 |   |   |   | 1 |   |   |   |
|     | 5199575                                               | + HOSE, BULK #6 (CUT L. 26") (12.8550)                   |       |   |   |   |   | 1 |   |   |   |   |   |   |
|     | 5199575                                               | + HOSE, BULK #6 (CUT L. 7 1/2") (12.8550)                |       |   |   |   |   |   | 1 |   |   | 1 |   |   |
|     | 5135034                                               | TUBE, DEV. L. 23.40" (2.5151)                            |       |   |   |   |   |   | 1 |   | 1 |   |   |   |
|     | 5131375                                               | HOSE ASSY., #6X28" L. (2.5210)                           |       |   |   |   |   |   |   |   |   |   | 1 |   |
|     | 5199579                                               | FITTING, #6 HOSE (STRAIGHT) (12.8552)                    |       |   |   |   |   | 2 |   |   |   | 1 |   |   |
|     | 8923847                                               | PLUG, 1/4" PIPE (4.7001)                                 |       |   |   |   |   |   | 1 |   | 1 |   | 1 |   |
|     | 5199588                                               | FITTING, #6 HOSE (90 DEG.) (12.8552)                     |       |   |   |   |   | 2 |   |   |   | 1 |   |   |
|     | 5199583                                               | FITTING, #6 HOSE (STRAIGHT) (12.8552)                    |       |   |   |   |   |   |   |   | 2 |   |   |   |
|     | 8925026                                               | NIPPLE, 1/4"X2 1/2" PIPE (12.9560)                       |       |   |   |   |   |   |   |   |   |   | 1 |   |
|     | 8924171                                               | CONNECTOR, INV. FLD. 3/8" TUBE (12.9460)                 |       |   |   | 1 | 1 | 1 |   |   |   | 1 |   |   |
|     | 8924172                                               | ADAPTOR, PIPE 1/4"-18 (12.9460)                          |       |   |   | 1 | 1 | 1 |   |   | 1 | 1 | 1 |   |
|     | 8924168                                               | ELBOW, 90 DEG. - 1/4" PIPE (12.9590)                     |       |   |   |   |   |   |   |   |   |   | 1 |   |
|     | 8924183                                               | ELBOW, 90 DEG. 5/16" TUBE (2.4001)                       |       |   |   |   |   |   |   |   |   |   | 1 |   |
|     | 8924215                                               | ELBOW, 90 DEG. 5/16" TUBE (12.9480)                      |       |   |   |   |   |   | 1 |   |   |   |   |   |
|     | 8925030                                               | ELBOW, 90 DEG. 3/8" TUBE (12.9480)                       |       |   |   | 1 | 1 | 1 |   |   | 1 | 1 |   |   |
|     | 8925086                                               | * ELBOW ASSY., 90 DEG.-3/8" TUBE (12.9425)               |       |   |   |   |   |   | 2 |   | 2 |   | 1 |   |
|     | 5179938                                               | SEAL RING (12.9435)                                      |       |   |   |   |   |   | 2 |   | 2 |   | 1 |   |
|     | 8924200                                               | TEE, 1/4" (2.5149)                                       |       |   |   | 1 | 1 |   |   |   |   |   | 1 |   |
|     | 178917                                                | TEE, 1/4" PIPE (12.9616)                                 |       |   |   |   |   |   |   |   |   |   | 1 |   |
|     |                                                       | + BULK HOSE, CUT TO LENGTH SHOWN.                        |       |   |   |   |   |   |   |   |   |   |   |   |
|     |                                                       | * INCLUDES SEAL IN 2.5163 PLUS NUT, NOT SOLD SEPARATELY. |       |   |   |   |   |   |   |   |   |   |   |   |
|     | <b>2.5175 - TUBE, JUNCTION BLOCK TO CYLINDER HEAD</b> |                                                          |       |   |   |   |   |   |   |   |   |   |   |   |
|     | 8925266                                               | TUBE (DEV. L. 8.46")                                     |       |   |   |   |   |   | 1 |   |   |   |   |   |
|     | 8924183                                               | ELBOW, 90 DEG. 5/16" TUBE (2.4001)                       |       |   |   |   |   |   | 2 |   |   |   |   |   |
|     | 8924215                                               | ELBOW, 90 DEG., INV. FL. 5/16" TUBE (12.9480)            |       |   |   |   |   |   | 1 |   |   |   |   |   |
|     | <b>2.5205 - TUBE, FUEL DRAIN CROSSOVER</b>            |                                                          |       |   |   |   |   |   |   |   |   |   |   |   |
|     | 5135034                                               | TUBE (DEV. L. 20")                                       |       |   |   |   |   |   |   |   |   |   | 1 |   |
|     | <b>2.5206 - HOSE, FUEL DRAIN CROSSOVER</b>            |                                                          |       |   |   |   |   |   |   |   |   |   |   |   |
|     | 5199575                                               | + HOSE, BULK #6 (CUT L. 26") (12.8550)                   |       |   |   |   |   | 1 |   |   |   | 1 |   |   |
|     | 5131375                                               | HOSE, #6X28" L. (2.5210)                                 |       |   |   |   |   |   | 1 |   | 1 |   |   |   |
|     | 8924172                                               | ADAPTOR, PIPE 1/4"-18 (12.9460)                          |       |   |   |   |   |   | 1 |   |   |   |   |   |
|     | 5199579                                               | FITTING, #6 HOSE (STRAIGHT) (12.8552)                    |       |   |   |   |   |   |   |   |   | 1 |   |   |
|     | 5199588                                               | FITTING, #6 HOSE (90 DEG.) (12.8552)                     |       |   |   |   |   | 1 |   |   |   | 1 |   |   |
|     | 8924217                                               | ELBOW, 90 DEG. 3/8" TUBE (12.9480)                       |       |   |   |   |   |   |   | 2 |   | 2 |   |   |
|     | 8924168                                               | ELBOW, 90 DEG., 1/4" PIPE (12.9590)                      |       |   |   |   |   |   | 1 |   | 1 | 1 |   |   |
|     | 8924161                                               | ELBOW, 3/8" TUBE 45 DEG. (12.9480)                       |       |   |   |   |   | 1 | 1 |   | 1 | 1 |   |   |
|     | 8925030                                               | ELBOW, 3/8" TUBE 90 DEG. (12.9480)                       |       |   |   |   |   | 1 | 4 |   | 3 | 1 |   |   |
|     | 8925026                                               | NIPPLE, 1/4"X2 1/2" PIPE (12.9560)                       |       |   |   |   |   |   | 1 |   | 1 |   |   |   |
|     | 178917                                                | TEE, 3/8" TUBE 1/4" PIPE (12.9616)                       |       |   |   |   |   |   | 1 |   | 1 |   |   |   |
|     | 8924140                                               | DRAINCOCK, 1/4" (12.9510)                                |       |   |   |   |   |   | 1 |   | 2 |   |   |   |
|     |                                                       | + BULK HOSE, CUT TO LENGTH SHOWN.                        |       |   |   |   |   |   |   |   |   |   |   |   |

## 2.5000A FUEL LINES AND FUEL COOLER

| PART                                |                                                     | TYPES                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|-------------------------------------|-----------------------------------------------------|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| FIG                                 | NUMBER                                              | NAME AND DESCRIPTION | 1<br>6<br>0<br>1 | 1<br>6<br>0<br>2 | 1<br>6<br>0<br>3 | 1<br>6<br>2<br>9 | 1<br>6<br>3<br>0 | 1<br>6<br>3<br>4 | 1<br>6<br>3<br>7 | 1<br>6<br>4<br>1 | 1<br>6<br>4<br>2 | 1<br>6<br>4<br>3 | 1<br>6<br>9<br>0 | 1<br>6<br>9<br>1 |
| 2.5207 - CLIP, FUEL DRAIN CROSSOVER |                                                     |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 2488022                             | CLIP, 3/8" (12.8554)                                |                      |                  |                  |                  |                  |                  | 3                |                  |                  | 4                | 3                |                  |                  |
| 5171509                             | CLIP, 5/8" (9.1591)                                 |                      |                  |                  |                  |                  |                  |                  | 2                |                  | 2                |                  | 1                |                  |
| 140580                              | CLIP, 3/8" (12.9630)                                |                      |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  | 1                |                  |
| 5130913                             | BRACKET (7.4597)                                    |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |
| 179835                              | BOLT, 3/8"-16X5/8" (12.9001)                        |                      |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  | 1                |                  |
| 179839                              | BOLT, 3/8"-16X1" (12.9001)                          |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |
| 186628                              | BOLT, 3/8"-16X1 1/2" (12.9001)                      |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |
| 179850                              | BOLT, 3/8"-16X2 3/4" (12.9001)                      |                      |                  |                  |                  |                  |                  | 1                |                  |                  | 1                | 1                |                  |                  |
| 191249                              | BOLT, 3/8"-16X3 3/4" (12.9001)                      |                      |                  |                  |                  |                  |                  |                  | 1                |                  | 1                |                  | 1                |                  |
| 103321                              | LOCKWASHER, 3/8" (12.9200)                          |                      |                  |                  |                  |                  |                  | 1                |                  |                  | 2                | 3                | 1                |                  |
| 5157412                             | SPACER, 7/8" O.D.X13/32" I.D.X1/4"<br>THK. (7.4013) |                      |                  |                  |                  |                  |                  | 1                |                  |                  | 1                | 1                |                  |                  |
| 102635                              | NUT, 3/8"-16 (12.9120)                              |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |

## 2.5000A FUEL LINES AND FUEL COOLER

| PART                                   |                                                                      | TYPES                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|----------------------------------------|----------------------------------------------------------------------|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| FIG                                    | NUMBER                                                               | NAME AND DESCRIPTION |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                                        |                                                                      | 1<br>6<br>0<br>1     | 1<br>6<br>0<br>2 | 1<br>6<br>0<br>3 | 1<br>6<br>2<br>9 | 1<br>6<br>3<br>0 | 1<br>6<br>3<br>4 | 1<br>6<br>3<br>7 | 1<br>6<br>4<br>1 | 1<br>6<br>4<br>2 | 1<br>6<br>4<br>3 | 1<br>6<br>9<br>0 | 1<br>6<br>9<br>1 |
| 2.5210 - TUBE, FUEL DRAIN              |                                                                      |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 5128552                                | EXTENSION, TUBE                                                      |                      |                  |                  |                  |                  | 1                |                  |                  |                  | 1                |                  |                  |
| 5143774                                | TUBE, 15.21" DEV. L. (7.8310)                                        |                      |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |
| 8924171                                | CONNECTOR, INV. FLD. 3/8" TUBE<br>(12.9460)                          |                      |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |
| 8924183                                | ELBOW, 5/16" TUBE (2.4001)                                           |                      |                  |                  |                  |                  |                  |                  |                  | 1                |                  |                  |                  |
| 2.5212 - COOLER ASSY., FUEL            |                                                                      |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 5136348                                | COOLER                                                               |                      |                  |                  | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |
| 5110373                                | HOSE, 2"X3" L. (5.3330)                                              |                      |                  |                  | 2                | 2                |                  |                  |                  |                  |                  |                  |                  |
| 8920537                                | CLAMP, HOSE 2" (12.9660)                                             |                      |                  |                  | 4                | 4                |                  |                  |                  |                  |                  |                  |                  |
| 5108249                                | CLIP, 2 3/8" (5.2190)                                                |                      |                  |                  | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |
| 179816                                 | BOLT, 5/16"-18X3/4" (12.9001)                                        |                      |                  |                  | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |
| 103320                                 | LOCKWASHER, 5/16" (12.9200)                                          |                      |                  |                  | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |
| 2.5214 - TUBE, FUEL COOLER             |                                                                      |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 8924040                                | HOSE ASSY., #6X32.64" L.                                             |                      |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
| 8924041                                | HOSE ASSY., #6X19.64" L.                                             |                      |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |
| 8924185                                | ELBOW, 5/16" INV. FLD. TUBE (2.5210)                                 |                      |                  |                  | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |
| 8925030                                | ELBOW, 3/8" TUBE 90 DEG. (12.9480)                                   |                      |                  |                  | 2                | 1                |                  |                  |                  |                  |                  |                  |                  |
| 2.5215 - HOSE, FUEL DRAIN              |                                                                      |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 8923856                                | HOSE ASSY., #6X23.6" L. (2.5214)                                     |                      |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |                  |
| 8924039                                | HOSE ASSY., #6X27.64" L.                                             |                      |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |
| 5199575                                | + HOSE, BULK #6 (CUT L. 15") (12.8550)                               |                      |                  |                  |                  |                  | 1                |                  |                  |                  | 1                |                  |                  |
| 8926598                                | HOSE ASSY., #5X20.00" L.                                             |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |
| 5199579                                | FITTING, #6 HOSE (STRAIGHT)<br>(12.8552)                             |                      |                  |                  |                  |                  |                  | 1                |                  |                  | 1                |                  |                  |
| 5199592                                | FITTING, #6 HOSE (90 DEG.) (12.8552)                                 |                      |                  |                  |                  |                  |                  | 1                |                  |                  | 1                |                  |                  |
| 5101020                                | STRAP, HOSE (2.5255)                                                 |                      |                  |                  | 4                | 4                | 5                |                  |                  |                  | 5                |                  |                  |
| 425250                                 | CONNECTOR, INV. FLD. 5/16" TUBE<br>(12.9460)                         |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |
| 8924171                                | CONNECTOR, INV. FLD. 3/8" TUBE<br>(12.9460)                          |                      |                  |                  | 1                | 1                |                  |                  |                  |                  | 1                |                  |                  |
| 8925030                                | ELBOW, 90 DEG. 3/8" TUBE (12.9480)                                   |                      |                  |                  |                  | 1                |                  |                  |                  |                  |                  |                  |                  |
| 8924185                                | ELBOW, 5/16" INV. FLD. (2.5210)<br>+ BULK HOSE, CUT TO LENGTH SHOWN. |                      |                  |                  |                  |                  | 1                |                  |                  |                  | 1                |                  | 1                |
| 2.5216 - CLIP, FUEL COOLER INLET LINES |                                                                      |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 2362448                                | CLIP, .688" DIA. (12.8554)                                           |                      |                  |                  | 1                | 1                |                  |                  |                  |                  |                  |                  |                  |
| 2.5250 - BLOCK, FUEL SYSTEM JUNCTION   |                                                                      |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 8925267                                | BLOCK                                                                |                      |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |
| 8923847                                | PLUG, 1/4" PIPE (4.7001)                                             |                      |                  |                  |                  |                  |                  | 1                |                  |                  |                  |                  |                  |
| 179844                                 | BOLT, 3/8"-16X1 5/8" (12.9001)                                       |                      |                  |                  |                  |                  |                  | 2                |                  |                  |                  |                  |                  |
| 103321                                 | LOCKWASHER, 3/8" (12.9200)                                           |                      |                  |                  |                  |                  |                  | 2                |                  |                  |                  |                  |                  |
| 2.5490 - PRIMER PUMP, FUEL             |                                                                      |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 5110760                                | PUMP, STARTING AID                                                   |                      |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1                |                  |

## 2.5000A FUEL LINES AND FUEL COOLER

| PART                                           |                                                     | TYPES                |   |   |   |
|------------------------------------------------|-----------------------------------------------------|----------------------|---|---|---|
| FIG                                            | NUMBER                                              | NAME AND DESCRIPTION | 1 | 6 | 1 |
|                                                |                                                     |                      | 6 | 9 | 7 |
|                                                |                                                     |                      | 9 | 8 | 0 |
|                                                |                                                     |                      | 2 | 4 | 3 |
| <b>2.5050 - TUBE, STRAINER TO FUEL PUMP</b>    |                                                     |                      |   |   |   |
| 5199575                                        | HOSE, BULK #6X25 FT. (CUT 37")                      |                      |   |   |   |
|                                                | (12.8550)                                           |                      | 1 |   |   |
| 5121075                                        | TUBE ASSY. (DEV. L. 7.07")                          |                      |   | 1 |   |
| 5199579                                        | FITTING, #6 HOSE (STRAIGHT)                         |                      |   |   |   |
|                                                | (12.8552)                                           |                      | 1 |   |   |
| 5199593                                        | FITTING, #6 HOSE (45 DEG.) (12.8552)                |                      | 1 |   |   |
| 8925030                                        | ELBOW, 90 DEG. - 3/8" TUBE; 1/4" PIPE               |                      |   | 1 |   |
|                                                | (12.9480)                                           |                      | 1 |   |   |
| 8924217                                        | ELBOW, 90 DEG. - 3/8" TUBE; 3/8" PIPE               |                      |   |   |   |
|                                                | (12.9480)                                           |                      | 1 | 1 |   |
| 8924171                                        | CONNECTOR, 3/8" INV. FL. TUBE - 1/4" PIPE (12.9460) |                      |   |   | 1 |
| <b>2.5070 - CLIP, STRAINER TO FUEL PUMP</b>    |                                                     |                      |   |   |   |
| 2488022                                        | CLIP, 3/8" NEOPRENE (12.8554)                       |                      | 2 |   |   |
| <b>2.5100 - TUBE, FUEL PUMP TO FILTER</b>      |                                                     |                      |   |   |   |
| 5199575                                        | HOSE, BULK #6X25 FT. (CUT L. 45")                   |                      |   |   |   |
|                                                | (12.8550)                                           |                      | 1 |   |   |
| 5121080                                        | TUBE ASSY. (DEV. L. 15.88")                         |                      |   | 1 |   |
| 5199575                                        | HOSE, BULK #6X25 FT. (CUT L. 11")                   |                      |   |   |   |
|                                                | (12.8550)                                           |                      |   |   | 1 |
| 5199579                                        | FITTING, #6 HOSE (STRAIGHT)                         |                      |   |   |   |
|                                                | (12.8552)                                           |                      | 2 |   | 1 |
| 5199588                                        | FITTING, #6 HOSE (90 DEG.) (12.8552)                |                      |   |   | 1 |
| 8925030                                        | ELBOW, 90 DEG. - 3/8" TUBE; 1/4" PIPE               |                      |   |   |   |
|                                                | (12.9480)                                           |                      | 2 | 1 | 2 |
| 8924171                                        | CONNECTOR, 3/8" INV. FL. TUBE; 1/4" PIPE (12.9460)  |                      |   |   | 1 |
| <b>2.5120 - CLIP, FUEL PUMP TO FILTER HOSE</b> |                                                     |                      |   |   |   |
| 2488022                                        | CLIP, 3/8" NEOPRENE (12.8554)                       |                      | 3 |   |   |
| 5173022                                        | BRACKET (5.5379)                                    |                      | 1 |   |   |
| 186647                                         | BOLT, 1/4"-20X1" (12.9001)                          |                      | 1 |   |   |
| 179838                                         | BOLT, 3/8"-16X7/8" (12.9001)                        |                      | 1 |   |   |
| 186628                                         | BOLT, 3/8"-16X1 1/2" (12.9001)                      |                      | 1 |   |   |
| 120392                                         | WASHER, 1/4" (12.9190)                              |                      | 1 |   |   |
| 103319                                         | LOCKWASHER, 1/4" (12.9200)                          |                      | 1 |   |   |
| 103321                                         | LOCKWASHER, 3/8" (12.9200)                          |                      | 1 |   |   |
| 102635                                         | NUT, 3/8"-16 (12.9120)                              |                      | 1 |   |   |

## TYPES

| PART                                             | FIG | NUMBER | NAME AND DESCRIPTION                               | 1 | 6 | 6 | 1 | 1 |
|--------------------------------------------------|-----|--------|----------------------------------------------------|---|---|---|---|---|
|                                                  |     |        |                                                    | 6 | 9 | 9 | 6 | 7 |
|                                                  |     |        |                                                    | 9 | 4 | 8 | 0 | 3 |
| <b>2.5149 - TUBE, FILTER TO CYLINDER HEAD</b>    |     |        |                                                    |   |   |   |   |   |
| 5199575                                          |     |        | HOSE, BULK #6X25 FT. (CUT L. 12")<br>(12.8550)     |   | 1 |   |   |   |
| 5199575                                          |     |        | HOSE, BULK #6X25 FT. (CUT L. 23")<br>(12.8550)     |   | 1 |   |   |   |
| 5199575                                          |     |        | HOSE, BULK #6X25 FT. (CUT L. 8.5")<br>(12.8550)    |   |   |   | 1 |   |
| 5199579                                          |     |        | FITTING, #6 HOSE (STRAIGHT)<br>(12.8552)           |   | 2 |   | 2 |   |
| 5199588                                          |     |        | FITTING, #6 HOSE (90 DEG.) (12.8552)               |   | 2 |   |   |   |
| 8924185                                          |     |        | ELBOW, 5/16" TUBE; 1/4" PIPE<br>(2.5210)           |   |   |   | 1 |   |
| 8925030                                          |     |        | ELBOW, 90 DEG. - 3/8" TUBE; 1/4" PIPE<br>(12.9480) |   | 2 |   | 2 |   |
| 8925028                                          |     |        | TEE, 3/8" TUBE; 1/4" PIPE (12.9490)                |   | 1 |   |   |   |
| <b>2.5163 - TUBE, FUEL SUPPLY CROSSOVER</b>      |     |        |                                                    |   |   |   |   |   |
| 5199575                                          |     |        | HOSE, BULK #6X25 FT. (CUT L. 30")<br>(12.8550)     | 1 |   |   |   |   |
| 5199579                                          |     |        | FITTING, #6 HOSE (STRAIGHT)<br>(12.8552)           | 2 |   |   |   |   |
| 8925030                                          |     |        | ELBOW, 90 DEG.-3/8" TUBE; 1/4" PIPE<br>(12.9480)   | 1 |   |   |   |   |
| 8924168                                          |     |        | ELBOW, 90 DEG.-1/4" PIPE (12.9590)                 | 1 |   |   |   |   |
| 8924217                                          |     |        | ELBOW, 90 DEG.-3/8" TUBE; 3/8" PIPE<br>(12.9480)   | 1 |   |   |   |   |
| 8924172                                          |     |        | ADAPTOR, 1/4"-18 PIPE (12.9460)                    | 1 |   |   |   |   |
| 8925026                                          |     |        | NIPPLE, 1/4"X2 1/2" PIPE (12.9560)                 | 1 |   |   |   |   |
| 178917                                           |     |        | TEE, 3/8" TUBE; 1/4" PIPE (12.9616)                | 1 |   |   |   |   |
| <b>2.5164 - CLIP, FUEL SUPPLY CROSSOVER TUBE</b> |     |        |                                                    |   |   |   |   |   |
| 8923507                                          |     |        | CLIP, #6 HOSE (3.5502)                             | 2 |   |   |   |   |
| 186628                                           |     |        | BOLT, 3/8"-16X1 1/2" (12.9001)                     | 1 |   |   |   |   |
| <b>2.5205 - TUBE, FUEL DRAIN CROSSOVER</b>       |     |        |                                                    |   |   |   |   |   |
| 5135034                                          |     |        | TUBE (DEV. L. 20.00")                              | 1 |   |   |   |   |
| 5199575                                          |     |        | HOSE, BULK #6X25 FT. (CUT L. 31")<br>(12.8550)     |   | 1 |   |   |   |
| 8925086                                          |     |        | ELBOW ASSY., 90 DEG. - 3/8" TUBE<br>(12.9425)      | 2 |   |   |   |   |
| 5199579                                          |     |        | FITTING, #6 HOSE (STRAIGHT)<br>(12.8552)           |   | 2 |   |   |   |
| 8923847                                          |     |        | PLUG, 1/4" PIPE (4.7001)                           | 1 |   |   |   |   |
| 8924183                                          |     |        | ELBOW, 5/16" TUBE - 1/4" PIPE<br>(2.4001)          |   | 1 |   |   |   |
| 8925030                                          |     |        | ELBOW, 90 DEG.-3/8" TUBE; 1/4" PIPE<br>(12.9480)   |   | 1 |   |   |   |
| 8925044                                          |     |        | ADAPTOR, FUEL RETURN EXTENSION                     |   | 1 |   |   |   |
| 8924199                                          |     |        | TEE, 1/4"X1/4"X5/8" (7.4694)                       |   | 1 |   |   |   |



## 2.5000A FUEL LINES AND FUEL COOLER

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| FIG  | NUMBER | NAME AND DESCRIPTION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## 5 3 M P C E N G I N E S

## . TYPES

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## 2.6000A FUEL TANK

| FIG | PART<br>NUMBER | NAME AND DESCRIPTION                                 | TYPES  |        |        |        |        |  |  |  |  |  |
|-----|----------------|------------------------------------------------------|--------|--------|--------|--------|--------|--|--|--|--|--|
|     |                |                                                      | 1<br>4 | 1<br>8 | 1<br>9 | 2<br>2 | 2<br>3 |  |  |  |  |  |
|     |                | <b>2.6007 - STRAINER, FUEL TANK HOSE</b>             |        |        |        |        |        |  |  |  |  |  |
|     | 5171379        | STRAINER .....                                       |        | 1      | 1      | 1      |        |  |  |  |  |  |
|     |                | <b>2.6030 - CAP, FUEL TANK</b>                       |        |        |        |        |        |  |  |  |  |  |
|     | 5137727        | + CAP .....                                          |        | 1      | 1      | 1      |        |  |  |  |  |  |
|     |                | + OBSOLETE.                                          |        |        |        |        |        |  |  |  |  |  |
|     |                | <b>2.6035 - GASKET, FUEL TANK CAP</b>                |        |        |        |        |        |  |  |  |  |  |
|     | 5171380        | GASKET .....                                         |        | 1      | 1      | 1      |        |  |  |  |  |  |
|     |                | <b>2.6065 - STRAP, FUEL TANK</b>                     |        |        |        |        |        |  |  |  |  |  |
|     | 5172912        | BRACKET .....                                        | 1      |        |        |        | 1      |  |  |  |  |  |
|     | 5139496        | BRACKET .....                                        |        | 1      |        |        |        |  |  |  |  |  |
|     | 181596         | BOLT, 5/16"-24X7/8" (12.9001) .....                  | 4      |        |        |        | 4      |  |  |  |  |  |
|     | 180120         | BOLT, 3/8"-16X3/4" (12.9001) .....                   |        | 2      |        |        |        |  |  |  |  |  |
|     | 103320         | LOCKWASHER, 5/16" (12.9001) .....                    | 4      |        |        |        | 4      |  |  |  |  |  |
|     | 103321         | LOCKWASHER, 3/8" (12.9001) .....                     |        | 2      |        |        |        |  |  |  |  |  |
|     | 114493         | LOCKNUT, 5/16"-24 (2.7170) .....                     | 4      |        |        |        | 4      |  |  |  |  |  |
|     |                | <b>2.6090 - VALVE, FUEL TANK CHECK</b>               |        |        |        |        |        |  |  |  |  |  |
|     | 5138471        | + VALVE ASSY. (2.6001) .....                         |        | 1      | 1      | 1      |        |  |  |  |  |  |
|     | 5138989        | VALVE ASSY. ....                                     |        | 1      | 1      | 1      |        |  |  |  |  |  |
|     | 5136240        | PLUG (PLASTIC) (.420" DIA.) .....                    |        | 3      |        |        |        |  |  |  |  |  |
|     | 5136241        | PLUG (PLASTIC) (.580" DIA.) .....                    |        | 3      |        |        |        |  |  |  |  |  |
|     | 116332         | BUSHING, 3/8"X1/4" (12.9570) .....                   |        | 1      |        | 1      |        |  |  |  |  |  |
|     | 180120         | BOLT, 3/8"-16X3/4" (12.9001) .....                   |        | 2      |        | 2      |        |  |  |  |  |  |
|     | 103321         | LOCKWASHER, 3/8" (12.9200) .....                     |        | 2      |        | 2      |        |  |  |  |  |  |
|     |                | + OBSOLETE.                                          |        |        |        |        |        |  |  |  |  |  |
|     |                | <b>2.6095 - TUBE, FUEL TANK SUCTION</b>              |        |        |        |        |        |  |  |  |  |  |
|     | 5138533        | * TUBE (1/2" I.D.X27.50"L.) .....                    |        | 1      | 1      | 1      |        |  |  |  |  |  |
|     | 190367         | ELBOW, 1/4" STREET 90 DEG. (12.9590) .....           | 1      |        |        |        |        |  |  |  |  |  |
|     | 193004         | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480) ..... | 4      | 1      | 2      | 1      |        |  |  |  |  |  |
|     | 9423349        | ELBOW, 3/8" INV. FL. TUBE 90 DEG.<br>(12.9480) ..... | 2      | 1      | 1      | 1      |        |  |  |  |  |  |
|     | 9432264        | CONNECTOR, 5/16" INV. FL. TUBE<br>(12.9460) .....    | 1      |        |        |        |        |  |  |  |  |  |
|     | 187407         | CONNECTOR, 3/8" INV. FL. TUBE<br>(12.9460) .....     | 2      |        |        |        |        |  |  |  |  |  |

## 2.6000A FUEL TANK

| PART<br>..FIG .. NUMBER .....                        |                                                    | TYPES  |        |        |        |        |  |  |  |  |  |  |  |
|------------------------------------------------------|----------------------------------------------------|--------|--------|--------|--------|--------|--|--|--|--|--|--|--|
| NAME AND DESCRIPTION .....                           |                                                    | 1<br>4 | 1<br>8 | 1<br>9 | 2<br>2 | 2<br>3 |  |  |  |  |  |  |  |
| <b>2.6095 - TUBE, FUEL TANK SUCTION<br/>(CONT'D)</b> |                                                    |        |        |        |        |        |  |  |  |  |  |  |  |
| <b>431538</b>                                        | CONNECTOR, 1/2" INV. FL. TUBE<br>(12.9460) .....   |        |        | 2      | 2      | 2      |  |  |  |  |  |  |  |
| <b>442346</b>                                        | TEE, 3/8" INV. FL. TUBE (12.9490) .....            | 1      |        |        |        |        |  |  |  |  |  |  |  |
| <b>178661</b>                                        | TEE, 3/8" INV. FL. TUBE, 3 WAY,<br>(12.9496) ..... |        |        |        |        |        |  |  |  |  |  |  |  |
| <b>105405</b>                                        | NIPPLE, 1/4"X7/8" PIPE (12.9560) .....             | 2      |        |        |        |        |  |  |  |  |  |  |  |
| <b>189060</b>                                        | BUSHING, 3/4"X1/4" RED. PIPE<br>(12.9570) .....    | 2      |        |        |        |        |  |  |  |  |  |  |  |
| <b>137399</b>                                        | NUT, 3/8" INV. FL. TUBE (12.9500) .....            | 1      |        |        |        |        |  |  |  |  |  |  |  |
|                                                      | * OBSOLETE                                         |        |        |        |        |        |  |  |  |  |  |  |  |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                                                                                                                         |         | TYPES                                               |             |             |             |             |             |             |             |             |             |             |             |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                                                                                                                          | NUMBER  | NAME AND DESCRIPTION                                | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
| 2.7001 - GOVERNOR ASSY.                                                                                                                                      |         |                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
| A GOVERNOR ASSY. INCLUDES ITEMS IN<br>2.7045 THRU 2.7810 EXCEPT 2.7520,<br>2.7530 AND 2.7740. CLOSED LINKAGE<br>GOVERNORS DO NOT INCLUDE ITEMS IN<br>2.7170. |         |                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                              | 5116375 | @ GOVERNOR ASSY., 2, 3, 4-53<br>(5129738)           | 1           |             |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                              | 5116376 | @ GOVERNOR ASSY., 2, 3, 4-53<br>(5129737)           |             | 1           |             |             |             |             |             |             |             |             |             |             |
| #                                                                                                                                                            | 5121299 | * GOVERNOR ASSY., 2-53 (GC6905)                     |             |             | 1           |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                              | 5122791 | @ GOVERNOR ASSY., 2, 3, 4-53 LIMITING<br>(5107131)  |             |             |             | 1           |             |             |             |             |             |             |             |             |
|                                                                                                                                                              | 5122790 | @ GOVERNOR ASSY., 2, 3, 4-53 LIMITING<br>(5107132)  |             |             |             |             | 1           |             |             |             |             |             |             |             |
|                                                                                                                                                              | 5122793 | @ GOVERNOR ASSY., 2, 3, 4-53 VARIABLE<br>(5107139)  |             |             |             |             |             | 1           |             |             |             |             |             |             |
|                                                                                                                                                              | 5122794 | @ GOVERNOR ASSY., 2, 3, 4-53 VARIABLE<br>(5107142)  |             |             |             |             |             |             | 1           |             |             |             |             |             |
|                                                                                                                                                              | 5122795 | @ GOVERNOR ASSY., 3, 4-53 VARIABLE<br>(5107139)     |             |             |             |             |             |             |             | 1           |             |             |             |             |
|                                                                                                                                                              | 5122796 | @ GOVERNOR ASSY., 3, 4-53 VARIABLE<br>(5107142)     |             |             |             |             |             |             |             |             | 1           |             |             |             |
|                                                                                                                                                              | 5125461 | + GOVERNOR ASSY., 2, 3, 4-53<br>CONSTANT DUAL SPEED |             |             |             |             |             |             |             |             |             | 1           |             |             |
|                                                                                                                                                              | 5125460 | + GOVERNOR ASSY., 2, 3, 4-53<br>CONSTANT DUAL SPEED |             |             |             |             |             |             |             |             |             |             | 1           |             |
|                                                                                                                                                              | 5125438 | @ GOVERNOR ASSY., 2, 3, 4-53 VARIABLE<br>(5129738)  |             |             |             |             |             |             |             |             |             |             |             | 1           |
|                                                                                                                                                              | 5123752 | PLATE, STOP                                         |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5A                                                                                                                                                           | 180083  | BOLT, 5/16"-18X1 1/2" (12.9001)                     |             |             |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 5A                                                                                                                                                           | 186679  | BOLT, 3/8"-16X1 1/4" (12.9001)                      | 2           | 2           |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 5A                                                                                                                                                           | 9414285 | BOLT, 3/8"-24X7/8"(12 PT. HD.)<br>(12.9001)         | 3           | 3           |             | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |
|                                                                                                                                                              | 181361  | BOLT, 3/8"-24X7/8" (12.9001)                        |             |             | 1           |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                              | 179865  | BOLT, 7/16"-14X1 7/8" (12.9001)                     |             |             | 1           |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                              | 5145225 | WASHER, 3/8" SEAL (2.4050)                          | AR          | 3           | AR          | 3           | 3           | 3           | 3           | 3           | 3           | AR          | AR          | AR          |
|                                                                                                                                                              | 9414322 | WASHER, 3/8" (12.9190)                              | 2           | 2           |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
|                                                                                                                                                              | 103320  | LOCKWASHER, 5/16" (12.9200)                         |             |             |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
|                                                                                                                                                              | 103322  | LOCKWASHER, 7/16" (12.9200)                         |             |             | 1           |             |             |             |             |             |             |             |             |             |
| * ASSEMBLY NOT SERVICED BY D.D.A.,<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART<br>NUMBER SHOWN IN PARENTHESES.                         |         |                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
| @ NOT SERVICED, FOR COMPLETE<br>REPLACEMENT USE ASSY. SHOWN IN<br>PARENTHESES.                                                                               |         |                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
| # FIG. 10C OF 1.0000.                                                                                                                                        |         |                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
| + ASSEMBLY NOT SERVICED,<br>COMPONENTS ARE AVAILABLE.                                                                                                        |         |                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7002 - NAME PLATE, GOVERNOR                                                                                                                                |         |                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                              | 5122166 | NAMEPLATE                                           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                                                                                                                                              | 145369  | SCREW, #4X3/16" DRIVE (12.9067)                     | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 2.7010 - GASKET, GOVERNOR TO<br>BLOWER-GOVERNOR DRIVE                                                                                                        |         |                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                                                                                                                                           | 5116336 | GASKET, 2,3,4-53                                    | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                                                                                                                                              | 5121315 | GASKET, 2-53                                        |             |             | 1           |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                           |         |                                                                                                                                                                                                                                        | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|----------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                            | NUMBER  | NAME AND DESCRIPTION                                                                                                                                                                                                                   | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
| 2.7045 - COVER ASSY., GOVERNOR-COMplete                        |         |                                                                                                                                                                                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| SEE ASSEMBLY BREAKDOWN PAGE A1.                                |         |                                                                                                                                                                                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                                | 5122724 | @ COVER ASSY., 2,3,4-53 (A & B ENG.)                                                                                                                                                                                                   |             |             |             | 1           |             |             |             |             |             |             |             |             |
|                                                                | 5122723 | @ COVER ASSY., 2,3,4-53 (C & D ENG.)                                                                                                                                                                                                   |             |             |             |             | 1           |             |             |             |             |             |             |             |
|                                                                | 5126432 | # COVER ASSY., 2,3,4-53 (C & D ENG.)                                                                                                                                                                                                   |             |             |             |             |             | 1           |             | 1           |             |             |             |             |
|                                                                | 5122721 | & COVER ASSY., 2,3,4-53 (C & D ENG.)                                                                                                                                                                                                   |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
|                                                                | 5126433 | # COVER ASSY., 2,3,4-53 (A & B ENG.)                                                                                                                                                                                                   |             |             |             |             |             |             | 1           |             | 1           | 1           | 1           |             |
|                                                                | 5122722 | & COVER ASSY., 2,3,4-53 (A & B ENG.)                                                                                                                                                                                                   |             |             |             |             |             |             | 1           |             | 1           | 1           | 1           |             |
|                                                                | 5101768 | RETAINER                                                                                                                                                                                                                               |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
| 5E,H                                                           | 9417926 | SCREW, 1/4"-20X3/4" FIL. HD. (W/LW)<br>(12.9010)                                                                                                                                                                                       |             |             |             | 4           | 4           | 4           | 4           | 4           | 4           | 4           | 4           |             |
|                                                                | 453007  | SCREW, 1/4"-20X1" (W/LW) (12.9025)                                                                                                                                                                                                     |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|                                                                |         | @ NOT SERVICED, COMPONENTS ARE<br>AVAILABLE FOR REPLACEMENT USE<br>5107124 COVER ASSY. AND 5126310<br>PIN.                                                                                                                             |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                                |         | # EFF. WITH 2D-6492, 3D-311, 4D-850.<br>& THRU 2D-6491, 3D-310, 4D-849, NOT<br>SERVICED COMPONENTS ARE<br>AVAILABLE FOR REPLACEMENT USE<br>ITEM MARKED #, A ND ONE SPRING IN<br>2.7910, 5146132 (C & D ENG) OR<br>5107139 (A & B ENG.) |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7051 - GASKET, GOVERNOR COVER                                |         |                                                                                                                                                                                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5E,H                                                           | 5122742 | GASKET, 2,3,4-53                                                                                                                                                                                                                       |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
| 2.7095 - SHAFT ASSY., GOVERNOR THROTTLE                        |         |                                                                                                                                                                                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| A LEVER AND SHAFT ASSY. INCLUDES<br>PINS IN 2.7170 AND 2.7172. |         |                                                                                                                                                                                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                                             | 5196079 | * SHAFT, 2,3,4-53 (G 11023)                                                                                                                                                                                                            | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
|                                                                | 5125677 | LEVER AND SHAFT ASSY., 2,3,4-53<br>* ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESIS.                                                                    |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 2.7170 - LEVER, GOVERNOR COVER THROTTLE<br>SHAFT               |         |                                                                                                                                                                                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                                             | 5196074 | * LEVER, 2,3,4-53 (A6278)                                                                                                                                                                                                              | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5C                                                             | 5196105 | * LEVER, 2-53 (G14200)                                                                                                                                                                                                                 |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5E,H                                                           | 5107147 | LEVER, 2,3,4-53 (2.9361)                                                                                                                                                                                                               |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
| 5B                                                             | 274844  | RING, RETAINER (SNAP) (8.3440)                                                                                                                                                                                                         | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5B                                                             | 455346  | PIN, 5/32"X3/4" (12.9275)                                                                                                                                                                                                              | 2           | 2           |             |             |             |             |             |             |             |             |             |             |
| 5K                                                             | 455734  | PIN, 1/8"X3/4" (12.9300)                                                                                                                                                                                                               |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 5B                                                             | 2156458 | * BOLT, EYE                                                                                                                                                                                                                            | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5K                                                             | 5124976 | BOLT, EYE                                                                                                                                                                                                                              |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 5C                                                             | 5196113 | * BOLT, SHOULDER (G8609)                                                                                                                                                                                                               |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5C                                                             | 5196156 | * BOLT, #12-24X1 1/4 (X1032-4)                                                                                                                                                                                                         |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5C                                                             | 5196115 | * BOLT, #12-24X1 1/2 (X890-4)                                                                                                                                                                                                          |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5E,H                                                           | 186647  | BOLT, 1/4"-20X1" (12.9001)                                                                                                                                                                                                             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
| 5B                                                             | 5196085 | * WASHER (X2026-4)                                                                                                                                                                                                                     | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5E                                                             | 120380  | LOCKWASHER, 1/4" (12.9200)                                                                                                                                                                                                             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
| 5B                                                             | 114493  | LOCKNUT, 5/16"-24 (EYE BOLT)<br>(2.7170)                                                                                                                                                                                               | 2           | 2           |             |             |             |             |             |             |             |             |             | 2           |
| 5C                                                             | 103089  | NUT, #12-24 (12.9120)                                                                                                                                                                                                                  |             |             | 2           |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

|                                                                                                                                  |             |                                                           | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|----------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                                                                                              | PART NUMBER | NAME AND DESCRIPTION                                      | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
| 2.7170 - LEVER, GOVERNOR COVER THROTTLE SHAFT (CONT'D)                                                                           |             |                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| * ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESES. |             |                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7172 - BRACKET, GOVERNOR THROTTLE SPEED ADJUSTING SHAFT                                                                        |             |                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                                                                                                               | 5196080     | * BRACKET (G11443)                                        | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                  | 455734      | PIN, 1/8"X3/4" SPRING (12.9300)                           |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 5B                                                                                                                               | 5196115     | * BOLT, ADJUSTING (X890-4)                                | 2           | 2           |             |             |             |             |             |             |             |             |             |             |
| 5K                                                                                                                               | 5125063     | BOLT, ADJUSTING                                           |             |             |             |             |             |             |             |             |             |             |             | 2           |
| 5B,K                                                                                                                             | 103089      | NUT, #12-24 (12.9190)                                     | 2           | 2           |             |             |             |             |             |             |             |             |             | 2           |
| * ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESES. |             |                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7174 - SPRING, GOVERNOR THROTTLE SPEED ADJUSTING                                                                               |             |                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                                                                                                               | 5196084     | * SPRING, 2,3,4-53 (SN1555)                               | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5C                                                                                                                               | 5196098     | * SPRING, 2-53 (SN1554)                                   |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5K                                                                                                                               | 5125426     | SPRING, 2,3,4-53 (RED PAINT)                              |             |             |             |             |             |             |             |             |             |             |             | 1           |
| * ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESES. |             |                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7230 - HOUSING ASSY., GOVERNOR CONTROL                                                                                         |             |                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                                                                                                               | 5196069     | @ HOUSING, 2,3,4-53 (A, B, C, D ENGINE)                   | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5C                                                                                                                               | 5196102     | * HOUSING, 2-53 (C ENGINE) (CLOSED END)                   |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5C                                                                                                                               | 5196621     | = HOUSING, 2-53 (C ENGINE) (G9042-155) (END DRILLED THRU) |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5D                                                                                                                               | 5122757     | & HOUSING, 2,3,4-53 (A & B ENG.)                          |             |             |             | 1           |             | 1           |             | 1           | 1           | 1           |             |             |
| 5D                                                                                                                               | 5144089     | HOUSING, 2,3,4-53 (A & B ENG.)                            |             |             |             | 1           |             | 1           |             | 1           | 1           | 1           |             |             |
| 5D                                                                                                                               | 5122756     | # HOUSING, 2,3,4-53 (C & D ENG.)                          |             |             |             |             | 1           | 1           |             | 1           |             |             |             |             |
| 5D                                                                                                                               | 5144090     | HOUSING, 2,3,4-53 (C & D ENG.)                            |             |             |             |             | 1           | 1           |             | 1           |             |             |             |             |
|                                                                                                                                  | 5125675     | HOUSING ASSY., 2,3,4-53 (A & B ENG.) (INCLUDES BUSHINGS)  |             |             |             |             |             |             |             |             |             |             |             | 1           |
|                                                                                                                                  | 5116262     | ADAPTOR (INJECTOR CONTROL LINK BOOT) 2,3,4-53 (2.7830)    |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|                                                                                                                                  | 5119127     | BUSHING, 2,3,4-53 (2.7340)                                | 3           | 3           |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                  | 5195592     | % = BUSHING, 2-53 (DRILLED THRU) (X2721)                  |             |             | 1           |             |             |             |             |             |             |             |             |             |
|                                                                                                                                  | 5196622     | + = BUSHING, 2-53 (CLOSED END) (X2746)                    |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5K                                                                                                                               | 5125052     | BUSHING, 2,3,4-53                                         |             |             |             |             |             |             |             |             |             |             |             | 2           |
| 5B,C                                                                                                                             | 5134969     | = PLUG, 7/8" ALUM. EXPANSION (12.9330)                    | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             |
|                                                                                                                                  | 105451      | GASKET, 3/8" COPPER (12.9360)                             |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                                                                                                                  | 113699      | BOLT, 3/8"-24X1/2" (12.9001)                              |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
| * NOT SERVICED, USE 5196621 HOUSING AND 5196622 BUSHING.                                                                         |             |                                                           |             |             |             |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

PART  
..FIG .. NUMBER ..... NAME AND DESCRIPTION .....

| PART |         | TYPES                                                                                                                                                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |
|------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                                                                                                                                                                                                  |             |             |             |             |             |             |             |             |             |             |             |
|      |         | 4<br>4<br>4                                                                                                                                                                                                                           | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
|      |         | 2.7230 - HOUSING ASSY., GOVERNOR CONTROL (CONT'D)                                                                                                                                                                                     |             |             |             |             |             |             |             |             |             |             |             |
|      |         | @ NOT SERVICED, CUSTOMER MUST PROVIDE SPEED REQUIREMENT AND SELECT FROM ONE OF THE FOLLOWING: RH VS 5129734 (1200-2200), RH VS 5129738 (1200-2800), RH LS 5107131, LH VS 5129733 (1200-2200) LH VS 5129737 (1200-2800) LH VS 5107132. |             |             |             |             |             |             |             |             |             |             |             |
|      |         | & NOT SERVICED, REPLACE WITH 5144089 AND (1) 8924749 PLUG.                                                                                                                                                                            |             |             |             |             |             |             |             |             |             |             |             |
|      |         | # NOT SERVICED, REPLACE WITH 5144090 AND (1) 8924749 PLUG.                                                                                                                                                                            |             |             |             |             |             |             |             |             |             |             |             |
|      |         | % FOR USE IN 5196102 HOUSING.                                                                                                                                                                                                         |             |             |             |             |             |             |             |             |             |             |             |
|      |         | + FOR USE IN 5196621 HOUSING.                                                                                                                                                                                                         |             |             |             |             |             |             |             |             |             |             |             |
|      |         | = ASSEMBLY NOT SERVICED BY D.D.A. PROCURE FROM PIERCE GOV. CO. UPLAND IND. FURNISH THEIR PART NO. SHOWN IN PARENTHESES.                                                                                                               |             |             |             |             |             |             |             |             |             |             |             |
|      |         | 2.7232 - GASKET, GOVERNOR CONTROL HOUSING MOUNTING                                                                                                                                                                                    |             |             |             |             |             |             |             |             |             |             |             |
| 5C   | 5195554 | * GASKET, 2-53 (8.3390) (11825) ..... 1                                                                                                                                                                                               |             |             |             |             |             |             |             |             |             |             |             |
|      |         | * ASSEMBLY NOT SERVICED BY D.D.A. PROCURE FROM PIERCE GOV. CO. UPLAND IND. FURNISH THEIR PART NO. SHOWN IN PARENTHESES.                                                                                                               |             |             |             |             |             |             |             |             |             |             |             |
|      |         | 2.7250 - SHAFT ASSY., GOVERNOR OPERATING                                                                                                                                                                                              |             |             |             |             |             |             |             |             |             |             |             |
|      |         | A SHAFT ASSY. INCLUDES ITEMS IN 2.7255 AND 2.7280.                                                                                                                                                                                    |             |             |             |             |             |             |             |             |             |             |             |
|      | 5122753 | SHAFT ASSY., 2,3,4-53 (A & B ENG.) (INCLUDES BEARING IN 2.7260) ..... 1 1 1 1 1                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |
|      | 5122752 | SHAFT ASSY., 2,3,4-53 (C & D ENG.) (INCLUDES BEARING IN 2.7260) ..... 1 1 1                                                                                                                                                           |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125191 | SHAFT, 2,3,4-53 (A & B ENG.) ..... 1                                                                                                                                                                                                  |             |             |             |             |             |             |             |             |             |             |             |
|      |         | 2.7255 - SHAFT, GOVERNOR OPERATING                                                                                                                                                                                                    |             |             |             |             |             |             |             |             |             |             |             |
| 5B   | 5196081 | * SHAFT, 2,3,4-53 (G11685) ..... 1 1                                                                                                                                                                                                  |             |             |             |             |             |             |             |             |             |             |             |
| 5C   | 5196107 | * SHAFT, 2-53 (14314) ..... 1                                                                                                                                                                                                         |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | 5122751 | SHAFT, 2,3,4-53 ..... 1 1 1 1 1 1 1 1                                                                                                                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |
|      |         | * ASSEMBLY NOT SERVICED BY D.D.A. PROCURE FROM PIERCE GOV. CO. UPLAND IND. FURNISH THEIR PART NO. SHOWN IN PARENTHESES.                                                                                                               |             |             |             |             |             |             |             |             |             |             |             |
|      |         | 2.7257 - TUBE, GOVERNOR OPERATING SHAFT                                                                                                                                                                                               |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | 5122754 | TUBE ..... 1 1 1 1 1 1 1 1                                                                                                                                                                                                            |             |             |             |             |             |             |             |             |             |             |             |



## 2.7000A MECHANICAL GOVERNOR

| PART                                                                                                                    |         |                                                    | TYPES |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------|-------|---|---|---|---|---|---|---|---|---|---|---|
| FIG                                                                                                                     | NUMBER  | NAME AND DESCRIPTION                               | 4     | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |   |
|                                                                                                                         |         |                                                    | 4     | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |   |
|                                                                                                                         |         |                                                    | 4     | 4 | 2 | 6 | 6 | 7 | 6 | 9 | 7 | 1 | 8 | 9 |
|                                                                                                                         |         |                                                    | 8     | 8 |   | 6 |   | 8 | 8 | 0 | 0 | 7 | 8 | 6 |
| <b>2.7260 - BEARING, GOVERNOR OPERATING SHAFT-UPPER</b>                                                                 |         |                                                    |       |   |   |   |   |   |   |   |   |   |   |   |
| 5D                                                                                                                      | 9431894 | BEARING, 2,3,4-53                                  |       |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
| 5D                                                                                                                      | 9431887 | BEARING, 2, 3, 4-53 (2.7270)                       | 2     | 2 | 2 |   |   |   |   |   |   |   |   |   |
| 5K                                                                                                                      | 9431895 | BEARING                                            |       |   |   |   |   |   |   |   |   |   |   | 1 |
| 5K                                                                                                                      | 5125154 | SHIELD                                             |       |   |   |   |   |   |   |   |   |   |   | 1 |
| 5B,C                                                                                                                    | 274844  | RING, RETAINER SNAP (8.3440)                       | 2     | 2 | 2 |   |   |   |   |   |   |   |   |   |
| 5B,C                                                                                                                    | 9421917 | SCREW AND LOCKWASHER ASSY., #10-24X7/16" (12.9025) |       |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
| 5B,C                                                                                                                    | 5196086 | * WASHER, OIL SEAL PLUG (X2307)                    | 2     | 2 | 2 |   |   |   |   |   |   |   |   |   |
| 5D                                                                                                                      | 120391  | WASHER, #10 (12.9190)                              |       |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
| * ASSEMBLY NOT SERVICED BY D.D.A. PROCURE FROM PIERCE GOV. CO. UPLAND IND. FURNISH THEIR PART NO. SHOWN IN PARENTHESES. |         |                                                    |       |   |   |   |   |   |   |   |   |   |   |   |
| <b>2.7265 - SEAL, GOVERNOR OPERATING SHAFT OIL</b>                                                                      |         |                                                    |       |   |   |   |   |   |   |   |   |   |   |   |
| 5B,C                                                                                                                    | 2363528 | * SEAL (X1566) (8.3445)                            | 1     | 1 | 1 |   |   |   |   |   |   |   |   |   |
| 5B,C                                                                                                                    | 5195574 | * RETAINER (G12211) (8.3445)                       | 1     | 1 | 1 |   |   |   |   |   |   |   |   |   |
| * ASSEMBLY NOT SERVICED BY D.D.A. PROCURE FROM PIERCE GOV. CO. UPLAND IND. FURNISH THEIR PART NO. SHOWN IN PARENTHESES. |         |                                                    |       |   |   |   |   |   |   |   |   |   |   |   |
| <b>2.7270 - BEARING, GOVERNOR OPERATING SHAFT-LOWER</b>                                                                 |         |                                                    |       |   |   |   |   |   |   |   |   |   |   |   |
| 5D,K                                                                                                                    | 9431887 | BEARING                                            |       |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5D,K                                                                                                                    | 9413284 | RING, SNAP (BEARING TO HOUSING)                    |       |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5K                                                                                                                      | 274844  | RING, SNAP (BEARING TO SHAFT)                      |       |   |   |   |   |   |   |   |   |   |   | 1 |
| <b>2.7280 - LEVER, GOVERNOR OPERATING SHAFT-UPPER</b>                                                                   |         |                                                    |       |   |   |   |   |   |   |   |   |   |   |   |
| A LEVER ASSY. INCLUDES PIN IN 2.7300.                                                                                   |         |                                                    |       |   |   |   |   |   |   |   |   |   |   |   |
| 5B                                                                                                                      | 5196075 | + LEVER, 2,3,4-53 (A6279)                          | 1     | 1 |   |   |   |   |   |   |   |   |   |   |
| 5C                                                                                                                      | 5196101 | + LEVER, 2-53 (A6337)                              |       |   | 1 |   |   |   |   |   |   |   |   |   |
| 5D                                                                                                                      | 5122750 | LEVER ASSY., 2,3,4-53 (A & B ENGINE)               |       |   |   | 1 |   |   | 1 |   | 1 | 1 | 1 |   |
| 5D                                                                                                                      | 5122749 | LEVER ASSY., 2,3,4-53 (C & D ENGINE)               |       |   |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
| 5D                                                                                                                      | 5150898 | SCREW (GAP ADJUSTING)                              |       |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
| 5D                                                                                                                      | 114492  | LOCKNUT, 1/4"-28 (12.9120)                         |       |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
| + ASSEMBLY NOT SERVICED BY D.D.A. PROCURE FROM PIERCE GOV. CO. UPLAND IND. FURNISH THEIR PART NO. SHOWN IN PARENTHESES. |         |                                                    |       |   |   |   |   |   |   |   |   |   |   |   |
| <b>2.7290 - FORK, GOVERNOR OPERATING SHAFT-LOWER</b>                                                                    |         |                                                    |       |   |   |   |   |   |   |   |   |   |   |   |
| 5B                                                                                                                      | 5196103 | * FORK, 2,3,4-53 (G9838)                           | 1     | 1 | 1 |   |   |   |   |   |   |   |   |   |
| 5D,K                                                                                                                    | 5122741 | FORK, 2,3,4-53                                     |       |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5B,C                                                                                                                    | 5195577 | * SCREW (WITH LOCKWASHER) (X1687) (8.3430)         | 2     | 2 | 2 |   |   |   |   |   |   |   |   |   |
| 5D,K                                                                                                                    | 9425382 | SCREW, #10-32X5/8" (12.9001)                       |       |   |   | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 5D,K                                                                                                                    | 120217  | LOCKWASHER, #10 (12.9200)                          |       |   |   | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

## 2.7000A MECHANICAL GOVERNOR

| PART |                |                                                                                                                                  | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|------|----------------|----------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER         | NAME AND DESCRIPTION                                                                                                             | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
|      | <b>2.7290</b>  | <b>FORK, GOVERNOR OPERATING SHAFT-LOWER (CONT'D)</b>                                                                             |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | * ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESES. |             |             |             |             |             |             |             |             |             |             |             |             |
|      | <b>2.7300</b>  | <b>PIN, GOVERNOR OPERATING SHAFT LEVER</b>                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B,C | <b>455346</b>  | PIN, 5/32"x3/4" (8.3450)                                                                                                         | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             |
| 5D   | <b>5122746</b> | PIN, 2-3 & 4-53                                                                                                                  |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
| 5K   | <b>455297</b>  | PIN, 5/32"x7/8" (12.9270)                                                                                                        |             |             |             |             |             |             |             |             |             |             |             | 1           |
|      | <b>2.7310</b>  | <b>LEVER AND PIN ASSY., GOVERNOR DIFFERENTIAL</b>                                                                                |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | A LEVER ASSY. INCLUDES PIN IN 2.7315.                                                                                            |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | <b>5122743</b> | LEVER ASSY.                                                                                                                      |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
| 5D   | <b>142583</b>  | RETAINER, 3/16" (SPRING) (12.9640)                                                                                               |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
| 5D   | <b>5150941</b> | WASHER, 21/64"                                                                                                                   |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|      | <b>2.7315</b>  | <b>PIN, GOVERNOR DIFFERENTIAL LEVER</b>                                                                                          |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | <b>5122745</b> | PIN                                                                                                                              |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|      | <b>2.7340</b>  | <b>HOUSING, GOVERNOR WEIGHT</b>                                                                                                  |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D,K | <b>5129730</b> | HOUSING ASSY. (C AND D ENGINE)                                                                                                   |             |             |             |             | 1           | 1           |             | 1           |             |             |             |             |
| 5D,K | <b>5129731</b> | HOUSING ASSY. (A AND B ENGINE)                                                                                                   |             |             |             | 1           |             |             | 1           |             | 1           | 1           | 1           | 1           |
| 5K   | <b>5119127</b> | BUSHING (WEIGHT SHAFT END)                                                                                                       |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,K | <b>9428477</b> | PLUG, CUP 15/16" DIA. (3.4030)                                                                                                   |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | <b>2.7350</b>  | <b>SHAFT AND CARRIER ASSY., GOVERNOR WEIGHT</b>                                                                                  |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | SEE ASSEMBLY BREAKDOWN PAGE C1.                                                                                                  |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B   | <b>5195954</b> | + SHAFT AND CARRIER, 2,3,4-53 (A4788)                                                                                            | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5C   | <b>5196100</b> | + SHAFT AND CARRIER, 2-53 (A6661)                                                                                                |             |             | 1           |             |             |             |             |             |             |             |             |             |
|      | <b>5122782</b> | * SHAFT AND CARRIER ASSY., 2,3,4-53 (5100061)                                                                                    |             |             |             | 1           | 1           |             |             |             |             |             |             |             |
|      | <b>5122787</b> | @ SHAFT AND CARRIER ASSY., 2,3,4-53                                                                                              |             |             |             |             |             | 1           | 1           |             |             | 1           | 1           |             |
|      | <b>5122788</b> | @ SHAFT AND CARRIER ASSY., 3,4-53                                                                                                |             |             |             |             |             |             |             | 1           | 1           |             |             |             |
|      | <b>5125042</b> | @ SHAFT AND CARRIER ASSY., 2,3,4-53                                                                                              |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 5C   | <b>5196117</b> | + RING, RETAINER (X1923)                                                                                                         |             |             | 1           |             |             |             |             |             |             |             |             |             |
|      | <b>110529</b>  | SCREW, #10-24X1/4" SL. (12.9030)                                                                                                 |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |                | * NOT SERVICED, COMPONENTS AVAILABLE. FOR COMPLETE REPLACEMENT USE ASSY. SHOWN IN PARENTHESES.                                   |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | @ NOT SERVICED, LISTED FOR REFERENCE ONLY, USE COMPONENT PARTS.                                                                  |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | + ASSEMBLY NOT SERVICED BY D.D.A. PROCURE FROM PIERCE GOV. CO. UPLAND IND. FURNISH THEIR PART NO. SHOWN IN PARENTHESES.          |             |             |             |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                              |         |                                                                                                                                                                                                   | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|---------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                               | NUMBER  | NAME AND DESCRIPTION                                                                                                                                                                              | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
| 2.7380 - RISER, GOVERNOR                          |         |                                                                                                                                                                                                   |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                                | 5196078 | * RISER, 2,3,4-53 (G10521)                                                                                                                                                                        | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5C                                                | 5196104 | * RISER, 2-53 (G10813)<br>* ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO. UPLAND<br>IND. FURNISH THEIR PART NO. SHOWN IN<br>PARENTHESES.                                        |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 2.7390 - WEIGHT, GOVERNOR                         |         |                                                                                                                                                                                                   |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B,C                                              | 5196073 | * WEIGHT (A2447)<br>* ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESES.                                              | 2           | 2           | 2           |             |             |             |             |             |             |             |             |             |
| 2.7430 - PIN, GOVERNOR WEIGHT                     |         |                                                                                                                                                                                                   |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                | 5196701 | * PIN (G14007)                                                                                                                                                                                    | 2           | 2           | 2           |             |             |             |             |             |             |             |             |             |
| 5D                                                | 9411504 | CLIP, WEIGHT PIN RETAINER ("C"<br>WASHER)<br>* ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESES.                     | 2           | 2           | 2           |             |             |             |             |             |             |             |             |             |
| 2.7460 - BEARING, GOVERNOR WEIGHT RISER<br>THRUST |         |                                                                                                                                                                                                   |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B,C                                              | 9411475 | * BEARING (3 PIECES) (X1336A)<br>* ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESES.                                 | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             |
| 2.7470 - BEARING, GOVERNOR WEIGHT SHAFT<br>END    |         |                                                                                                                                                                                                   |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                                | 907045  | BEARING, 2,3,4-53 (N.D. 3202L1A)                                                                                                                                                                  | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5C                                                | 5196116 | * BEARING, 2-53 (X1324)                                                                                                                                                                           |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5B                                                | 9411502 | RING, RETAINER SNAP 2,3,4-53                                                                                                                                                                      | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5C                                                | 5196118 | * RING, RETAINER SNAP 2-53 (X3001)<br>* ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESES.                            |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 2.7475 - SPACER, GOVERNOR WEIGHT SHAFT            |         |                                                                                                                                                                                                   |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                                | 5196082 | * SPACER, 2,3,4-53 (BETWEEN GEAR AND<br>BEARING) (G12611)                                                                                                                                         | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5C                                                | 5196097 | * SPACER, 2-53 (BETWEEN GEAR AND<br>BEARING) (G11888)                                                                                                                                             |             |             |             |             |             |             |             |             |             |             |             |             |
| 5C                                                | 5196108 | * SPACER, 2-53 (G13044)                                                                                                                                                                           |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5B                                                | 5122738 | SPACER, 1/4"X.64" I.D. 2,3,4-53<br>(BETWEEN GEAR AND BEARING)<br>* ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESES. |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                                                                                             |         |                                            | TYPES       |             |        |             |             |             |             |             |             |             |             |             |
|----------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------|-------------|-------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                                                                                              | NUMBER  | NAME AND DESCRIPTION                       | 4<br>4<br>4 | 4<br>4<br>8 | 5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
| 2.7502 - DIAPHRAM, GOVERNOR WEIGHT SHAFT                                                                                         |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
| 5B                                                                                                                               | 5196076 | * SUPPORT, 2,3,4-53 (G9810)                | 1           | 1           |        |             |             |             |             |             |             |             |             |             |
| 5C                                                                                                                               | 5196106 | * SUPPORT, 2-53 (G11345)                   |             |             | 1      |             |             |             |             |             |             |             |             |             |
| 5B                                                                                                                               | 110529  | SCREW, #10-24X1/4" SL. (12.9030)           | 1           | 1           |        |             |             |             |             |             |             |             |             |             |
| 5C                                                                                                                               | 5196114 | * BOLT, FIL. HD. (WITH L/W) (X1683)        |             |             | 4      |             |             |             |             |             |             |             |             |             |
| * ASSEMBLY NOT SERVICED BY D.D.A.<br>PROCURE FROM PIERCE GOV. CO.<br>UPLAND IND. FURNISH THEIR PART NO.<br>SHOWN IN PARENTHESES. |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
| 2.7520 - COVER, GOVERNOR WEIGHT HOUSING                                                                                          |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
|                                                                                                                                  | 5152716 | = COVER (3.4223)                           |             |             |        |             |             |             |             | 1           | 1           |             |             |             |
|                                                                                                                                  | 188625  | = BOLT, 5/16"-18X7/8" (12.9001)            |             |             |        |             |             |             |             | 3           | 3           |             |             |             |
|                                                                                                                                  | 103320  | = LOCKWASHER, 5/16" (12.9200)              |             |             |        |             |             |             |             | 3           | 3           |             |             |             |
| = REQUIRED WHEN FUEL PUMP IS NOT<br>DRIVEN FROM GOVERNOR.                                                                        |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
| 2.7530 - GASKET, GOVERNOR WEIGHT HOUSING<br>COVER                                                                                |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
|                                                                                                                                  | 5150193 | = GASKET (5.1010)                          |             |             |        |             |             |             |             | 1           | 1           |             |             |             |
| = REQUIRED WHEN FUEL PUMP IS NOT<br>DRIVEN FROM GOVERNOR.                                                                        |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
| 2.7540 - SPRING, GOVERNOR LOW SPEED                                                                                              |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
| 5G                                                                                                                               | 5183704 | SPRING, 2,3,4-53 (2 YELLOW STRIPES)        |             |             |        | 1           | 1           |             |             |             |             |             |             |             |
| 2.7550 - SPRING, GOVERNOR HIGH SPEED                                                                                             |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
| 5G                                                                                                                               | 5124415 | SPRING, 2,3,4-53 (ONE WHITE STRIPE)        |             |             |        | 1           | 1           |             |             |             |             |             |             |             |
|                                                                                                                                  | 5124417 | + SPRING, 2,3,4-53 (TWO RED STRIPES)       |             |             |        |             |             |             |             |             |             |             | 1           |             |
|                                                                                                                                  | 5153629 | SPRING, 2,3,4-53 (TWO ALUMINUM<br>STRIPES) |             |             |        |             |             |             |             |             |             | 1           |             |             |
|                                                                                                                                  | 5129071 | + SPRING, 2,3,4-53 (THREE BLUE<br>STRIPES) |             |             |        |             | 1           | 1           |             |             |             |             |             |             |
| + OBSOLETE                                                                                                                       |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
| 2.7560 - PLUNGER, GOVERNOR LOW SPEED<br>SPRING                                                                                   |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
| 5G                                                                                                                               | 5182555 | PLUNGER                                    |             |             |        | 1           | 1           |             |             |             |             |             |             |             |
| 2.7563 - PLUNGER, GOVERNOR HIGH SPEED<br>SPRING                                                                                  |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
|                                                                                                                                  | 5125418 | PLUNGER                                    |             |             |        |             |             |             |             |             |             | 1           | 1           |             |
| 2.7570 - SEAT, GOVERNOR LOW SPEED SPRING                                                                                         |         |                                            |             |             |        |             |             |             |             |             |             |             |             |             |
| 5G                                                                                                                               | 5150892 | SEAT                                       |             |             |        | 1           | 1           |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                         |         |                                                                                                            | TYPES  |             |             |             |             |             |             |             |             |             |             |             |
|--------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                          | NUMBER  | NAME AND DESCRIPTION                                                                                       | 4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
| 2.7580 - CAP, GOVERNOR LOW SPEED SPRING                      |         |                                                                                                            |        |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                           | 5103975 | CAP                                                                                                        |        |             |             | 1           | 1           |             |             |             |             |             |             |             |
| 2.7590 - SCREW, GOVERNOR LOW SPEED SPRING ADJUSTING          |         |                                                                                                            |        |             |             |             |             |             |             |             |             |             |             |             |
|                                                              | 5101432 | PIN, 3.98" L                                                                                               |        |             |             | 1           |             |             |             |             |             |             |             |             |
|                                                              | 5102270 | SCREW, 1/4"-28X1" (12.9076)                                                                                |        |             |             | 1           |             |             |             |             |             |             |             |             |
| 5G                                                           | 114492  | LOCKNUT, 1/2"-28 (12.9120)                                                                                 |        |             |             | 1           | 1           |             |             |             |             |             |             |             |
| 2.7600 - SHIM, GOVERNOR HIGH SPEED SPRING                    |         |                                                                                                            |        |             |             |             |             |             |             |             |             |             |             |             |
|                                                              | 5123922 | SHIM, .010" THICK                                                                                          |        |             |             |             |             |             |             |             |             | AR          | AR          |             |
|                                                              | 5123923 | SHIM, .100" THICK                                                                                          |        |             |             |             |             |             |             |             |             | AR          | AR          |             |
| 2.7610 - RETAINER, GOVERNOR HIGH SPEED SPRING                |         |                                                                                                            |        |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                           | 5182557 | RETAINER, 2,3,4-53                                                                                         |        |             |             | 1           | 1           |             |             |             |             |             |             |             |
|                                                              | 5113867 | RETAINER, 2,3,4-53                                                                                         |        |             |             |             |             |             |             |             |             | 1           | 1           |             |
| 2.7612 - PISTON, GOVERNOR SPEED ADJUSTING                    |         |                                                                                                            |        |             |             |             |             |             |             |             |             |             |             |             |
|                                                              | 5125603 | PISTON                                                                                                     |        |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                                              | 5125604 | SPACER, PISTON                                                                                             |        |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                                              | 5133752 | RING, PISTON SEAL                                                                                          |        |             |             |             |             |             |             |             |             | 1           | 1           |             |
| 2.7615 - LOCKNUT, GOVERNOR HIGH SPEED SPRING RETAINER        |         |                                                                                                            |        |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                           | 5186115 | LOCKNUT                                                                                                    |        |             |             | 1           | 1           |             |             |             |             |             |             |             |
| 2.7620 - GUIDE, GOVERNOR SPRING                              |         |                                                                                                            |        |             |             |             |             |             |             |             |             |             |             |             |
|                                                              | 5124551 | GUIDE                                                                                                      |        |             |             |             |             |             |             |             |             | 1           | 1           |             |
| 2.7630 - COVER, GOVERNOR HIGH SPEED SPRING                   |         |                                                                                                            |        |             |             |             |             |             |             |             |             |             |             |             |
|                                                              | 5125449 | COVER ASSY.                                                                                                |        |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                                              | 9414499 | SCREW, 5/16"-24X1 1/2" SET (12.9076)                                                                       |        |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                                              | 5125450 | PLUG, 5/8"X18                                                                                              |        |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                                              | 5156768 | GASKET, 21/32" (COPPER) (4.4170)                                                                           |        |             |             |             |             |             |             |             |             | 1           | 1           |             |
| 2.7635 - HOUSING, GOVERNOR HIGH SPEED SPRING ADJUSTING SCREW |         |                                                                                                            |        |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                           | 5182559 | HOUSING                                                                                                    |        |             |             | 1           | 1           |             |             |             |             |             |             |             |
|                                                              | 5125419 | HOUSING                                                                                                    |        |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                                              | 426444  | BOLT, 5/16"-18X3 1/4" (12.9001)                                                                            |        |             |             |             |             |             |             |             |             | 2           | 2           |             |
| 5G                                                           | 445520  | BOLT, 5/16"-18X3 1/2" (12.9001)<br>* THRU 3D-170682 AND 4D-180938.<br>+ EFF. WITH 3D-170683 AND 4D-180939. |        |             |             | 2           | 2           |             |             |             |             |             |             |             |
| 5G                                                           | 103320  | LOCKWASHER, 5/16" (12.9200)                                                                                |        |             |             | 2           | 2           |             |             |             |             | 2           | 2           |             |

## 2.7000A MECHANICAL GOVERNOR

| PART |         |                                                                                                                                                                                                                                                                                                                                                                                | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                                                                                                                                                                                                                                                                                                                                           | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
|      |         | 2.7650 - GASKET, GOVERNOR HIGH SPEED<br>SPRING COVER                                                                                                                                                                                                                                                                                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G   | 8922593 | GASKET                                                                                                                                                                                                                                                                                                                                                                         |             |             |             | 1           | 1           |             |             |             |             | 2           | 2           |             |
|      |         | 2.7680 - HOUSING ASSY., GOVERNOR VARIABLE<br>SPEED SPRING                                                                                                                                                                                                                                                                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | SEE ASSEMBLY BREAKDOWN PAGE E1.                                                                                                                                                                                                                                                                                                                                                |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5172556 | # HOUSING ASSY., 2,3,4-53 (C & D<br>ENGINE)                                                                                                                                                                                                                                                                                                                                    |             |             |             |             |             | 1           |             | 1           |             |             |             |             |
|      | 5127654 | @ & HOUSING ASSY., 2, 3, 4-53 (C & D<br>ENGINE) (5139262)                                                                                                                                                                                                                                                                                                                      |             |             |             |             |             | 1           |             | 1           |             |             |             |             |
|      | 5172555 | # HOUSING ASSY., 2,3,4-53 (A & B<br>ENGINE)                                                                                                                                                                                                                                                                                                                                    |             |             |             |             |             |             | 1           |             | 1           |             |             |             |
|      | 5127655 | @ & HOUSING ASSY., 2,3,4-53 (A & B<br>ENGINE) (5139662)                                                                                                                                                                                                                                                                                                                        |             |             |             |             |             |             | 1           |             | 1           |             |             |             |
| 5F   | 445520  | BOLT, 5/16"-18X3 1/2" (12.9001)                                                                                                                                                                                                                                                                                                                                                |             |             |             |             |             | 2           | 2           | 2           | 2           |             |             |             |
| 5F   | 103320  | LOCKWASHER, 5/16" (12.9200)                                                                                                                                                                                                                                                                                                                                                    |             |             |             |             |             | 2           | 2           | 2           | 2           |             |             |             |
|      |         | # NOT SERVICED, COMPONENTS<br>AVAILABLE<br>; EARLY TYPE WITH 3/4" COUNTERBORE<br>FOR SHAFT PACKING. FOR COMPLETE<br>REPLACEMENT USE ITEMS MARKED @.<br>@ LATE TYPE, 5/8" BORE, NO<br>COUNTERBORE FOR PACKING.<br>& NOT SERVICED, COMPONENTS ARE<br>AVAILABLE, FOR COMPLETE<br>REPLACEMENT USE ASSY. SHOWN IN<br>PARENTHESES WHICH INC ORPORATES<br>A NEW WIDER ROLLER BEARING. |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | 2.7700 - GASKET, GOVERNOR VARIABLE SPEED<br>SPRING HOUSING                                                                                                                                                                                                                                                                                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F   | 8922593 | GASKET (2.7650)                                                                                                                                                                                                                                                                                                                                                                |             |             |             |             |             | 1           | 1           | 1           | 1           |             |             |             |
|      |         | 2.7760 - SPRING, GOVERNOR VARIABLE SPEED                                                                                                                                                                                                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F   | 5127397 | SPRING (TWO LIGHT BLUE STRIPES)                                                                                                                                                                                                                                                                                                                                                |             |             |             |             |             | 1           | 1           | 1           | 1           |             |             |             |
|      |         | 2.7770 - PLUNGER, GOVERNOR VARIABLE SPEED<br>SPRING                                                                                                                                                                                                                                                                                                                            |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F   | 5162661 | PLUNGER                                                                                                                                                                                                                                                                                                                                                                        |             |             |             |             |             | 1           | 1           | 1           | 1           |             |             |             |
|      |         | 2.7780 - GUIDE, GOVERNOR VARIABLE SPEED<br>SPRING PLUNGER                                                                                                                                                                                                                                                                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F   | 5152939 | GUIDE                                                                                                                                                                                                                                                                                                                                                                          |             |             |             |             |             | 1           | 1           | 1           | 1           |             |             |             |
|      |         | 2.7790 - RETAINER, GOVERNOR VARIABLE SPEED<br>SPRING                                                                                                                                                                                                                                                                                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F   | 5137276 | RETAINER                                                                                                                                                                                                                                                                                                                                                                       |             |             |             |             |             | 1           | 1           | 1           | 1           |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

|                                                                                                                          |             |                                                               | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|--------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                                                                                      | PART NUMBER | NAME AND DESCRIPTION                                          | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
| 2.7795 - STOP, GOVERNOR VARIABLE SPEED SPRING RETAINER                                                                   |             |                                                               |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F                                                                                                                       | 5171784     | STOP (WITH STEP)                                              |             |             |             |             |             | 1           | 1           | 1           | 1           |             |             |             |
| 5F                                                                                                                       | 5174430     | STOP (WITH GAP)                                               |             |             |             |             |             | 1           | 1           | 1           | 1           |             |             |             |
| 2.7800 - SHIM, GOVERNOR VARIABLE SPEED SPRING                                                                            |             |                                                               |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F                                                                                                                       | 5136590     | SHIM, .010"                                                   |             |             |             |             |             | AR          | AR          | AR          | AR          |             |             |             |
| 5F                                                                                                                       | 5136591     | SHIM, .078"                                                   |             |             |             |             |             | AR          | AR          | AR          | AR          |             |             |             |
| 2.7810 - SCREW ASSY., GOVERNOR BUFFER                                                                                    |             |                                                               |             |             |             |             |             |             |             |             |             |             |             |             |
| 5C                                                                                                                       | 2156249     | * SCREW, 2-53                                                 |             |             |             | 1           |             |             |             |             |             |             |             |             |
| 5D                                                                                                                       | 5177083     | SCREW ASSY., 2,3,4-53 (WITH SPRING)                           |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           |             |             | 1           |
|                                                                                                                          | 5183773     | # SCREW ASSY., 2,3,4-53 (WITH SPRING)                         |             | 1           |             |             |             |             | 1           | 1           | 1           |             |             | 1           |
| 5B                                                                                                                       | 5196083     | * SPRING, 2,3,4-53 (SN1558)                                   | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                          | 5196099     | * SPRING, 2-53 (SN1481)                                       |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5B                                                                                                                       | 100002      | BOLT, 1/4"-28X1" (12.9001)                                    | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                          | 5155596     | # WASHER (4.7120)                                             |             | 2           |             |             |             | 2           | 2           | 2           |             |             |             | 2           |
|                                                                                                                          | 5174286     | # NUT (12.9140)                                               |             | 1           |             |             |             | 1           | 1           | 1           |             |             |             | 1           |
| 5B                                                                                                                       | 120613      | NUT, 1/4" (12.9120)                                           | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5C                                                                                                                       | 121902      | NUT, 1/4" (12.9120)                                           |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5D                                                                                                                       | 124925      | NUT, 3/8"-24 (12.9120)                                        |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |
| # USE WITH UPPER CONTROL HOUSING LUBRICATION TUBE ONLY.                                                                  |             |                                                               |             |             |             |             |             |             |             |             |             |             |             |             |
| * ASSEMBLY NOT SERVICED BY D.D.A. PROCURE FROM PIERCE GOV. CO. UPLAND IND. FURNISH THEIR PART NO. SHOWN IN PARENTHESIS.  |             |                                                               |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7819 - ROD ASSY., GOVERNOR TO INJECTOR LINK                                                                            |             |                                                               |             |             |             |             |             |             |             |             |             |             |             |             |
| 5A                                                                                                                       | 5116331     | * ROD ASSY., 2,3,4-53 (SPRING LOADED) (GOVERNOR TO BELLCRANK) | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                          | 5121239     | ROD, 2-53 (GOVERNOR TO BELL CRANK)                            |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 7A                                                                                                                       | 5116209     | LINK, 2,3,4-53 (A AND C ENGINE)                               | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 7A                                                                                                                       | 5119166     | LINK, 2,3,4-53 (B AND D ENGINE)                               | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                          | 5121240     | LINK, 2-53                                                    |             |             | 1           |             |             |             |             |             |             |             |             |             |
|                                                                                                                          | 5122797     | LINK, 2,3,4-53 (A AND C ENGINE)                               |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|                                                                                                                          | 5122798     | LINK, 2,3,4-53 (B AND D ENGINE)                               |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|                                                                                                                          | 5125322     | LINK, 2,3,4-53 (A ENGINE)                                     |             |             |             |             |             |             |             |             |             |             |             | 1           |
|                                                                                                                          | 5125689     | LINK, 2,3,4-53 (B ENGINE)                                     |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 5A                                                                                                                       | 5118491     | JOINT, 1/4" BALL (12.9680)                                    | 3           | 3           | 2           |             |             |             |             |             |             |             |             |             |
|                                                                                                                          | 5125518     | JOINT, 1/4" BALL (2.8940)                                     |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 7A                                                                                                                       | 5147345     | PIN, LINK (TO INJECTOR CONTROL TUBE LEVER)                    | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 7A                                                                                                                       | 103361      | PIN, 1/16"X1/2" COTTER (12.9250)                              | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                                                                                                          | 5150941     | WASHER, 21/64" (2.7310)                                       |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|                                                                                                                          | 142583      | RETAINER, SPRING 3/16" (12.9640)                              |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|                                                                                                                          | 5125571     | CLIP, SHUTDOWN CABLE (ON LINK) (2.8422)                       |             |             |             |             |             |             |             |             |             |             |             | 1           |
|                                                                                                                          | 120380      | LOCKWASHER, 1/4" (12.9200)                                    | AR          | 3           | AR          |             |             |             |             |             |             |             |             |             |
| 5A                                                                                                                       | 5116345     | NUT, 1/4"-28                                                  | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5A                                                                                                                       | 121902      | NUT, 1/4"-28 (12.9120)                                        | 4           | 4           | 4           |             |             |             |             |             |             |             |             |             |
|                                                                                                                          | 120613      | NUT, 1/4"-28 (12.9120)                                        |             |             | 2           |             |             |             |             |             |             |             |             |             |
|                                                                                                                          | 114492      | LOCKNUT, 1/4"-28 (12.9120)                                    |             |             |             |             |             |             |             |             |             |             |             | 1           |
| * ASSEMBLY NOT SERVICED BY D.D.A. PROCURE FROM PIERCE GOV. CO. UPLAND IND. FURNISH THEIR PART NO. SHOWN IN PARENTHESSES. |             |                                                               |             |             |             |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                   |         | TYPES                                    |             |             |             |             |             |             |             |             |             |             |             |             |  |
|--------------------------------------------------------|---------|------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| FIG                                                    | NUMBER  | NAME AND DESCRIPTION                     | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |  |
| 2.7820 - LEVER, GOVERNOR TO INJECTOR LINK              |         |                                          |             |             |             |             |             |             |             |             |             |             |             |             |  |
| 5K                                                     | 5125278 | LEVER ASSY., 2,3,4-53 (A & B ENG.)       |             |             |             |             |             |             |             |             |             |             |             | 1           |  |
| 5K                                                     | 5125107 | SPRING                                   |             |             |             |             |             |             |             |             |             |             |             | 1           |  |
| 5K                                                     | 5122732 | RING, SNAP (2.7150)                      |             |             |             |             |             |             |             |             |             |             |             | 1           |  |
| 5K                                                     | 5126243 | WASHER, SPRING                           |             |             |             |             |             |             |             |             |             |             |             | 1           |  |
| 2.7821 - BRACKET, GOVERNOR TO INJECTOR LINK BELL CRANK |         |                                          |             |             |             |             |             |             |             |             |             |             |             |             |  |
| 5A                                                     | 5121332 | BRACKET                                  | 1           | 1           |             |             |             |             |             |             |             |             |             |             |  |
| 5A                                                     | 106327  | BOLT, 5/16"-18X3/8" (12.9001)            | 2           | 2           |             |             |             |             |             |             |             |             |             |             |  |
| 5A                                                     | 103320  | LOCKWASHER, 5/16" (12.9200)              | 2           | 2           |             |             |             |             |             |             |             |             |             |             |  |
| 5A                                                     | 120376  | NUT, 5/16"-18 (12.9120)                  | 2           | 2           |             |             |             |             |             |             |             |             |             |             |  |
| 2.7823 - BELL CRANK, GOVERNOR TO INJECTOR LINK         |         |                                          |             |             |             |             |             |             |             |             |             |             |             |             |  |
| 5A                                                     | 5121198 | + BELL CRANK, 2,3,4-53                   | 1           |             |             |             |             |             |             |             |             |             |             |             |  |
| 5A                                                     | 5121199 | + BELL CRANK, 2,3,4-53                   |             | 1           |             |             |             |             |             |             |             |             |             |             |  |
|                                                        | 5121241 | + BELL CRANK, 2-53                       |             |             |             |             | 1           |             |             |             |             |             |             |             |  |
|                                                        | 454512  | PIN, 3/16"X3/4" (ROLL) (12.9300)         |             |             |             |             | 1           |             |             |             |             |             |             |             |  |
|                                                        | 100005  | BOLT, 1/4"-28X1 3/4" (12.9001)           |             |             |             |             | 1           |             |             |             |             |             |             |             |  |
|                                                        | 100006  | BOLT, 1/4"-28X2" (12.9001)               | 1           | 1           |             |             |             |             |             |             |             |             |             |             |  |
|                                                        | 120392  | WASHER, 1/2" (12.9190)                   | AR          | AR          | AR          |             |             |             |             |             |             |             |             |             |  |
|                                                        | 120380  | LOCKWASHER, 1/4" (12.9200)               | AR          | AR          |             |             |             |             |             |             |             |             |             |             |  |
|                                                        | 454750  | NUT, 1/4"-28 LOCK (12.9120)              | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             |  |
|                                                        | 121902  | NUT, 1/4"-28 (12.9120)                   | 1           | 1           |             |             |             |             |             |             |             |             |             |             |  |
|                                                        |         | + OBSOLETE.                              |             |             |             |             |             |             |             |             |             |             |             |             |  |
| 2.7825 - BUSHING, GOVERNOR TO INJECTOR LINK BELL CRANK |         |                                          |             |             |             |             |             |             |             |             |             |             |             |             |  |
|                                                        | 5116344 | BUSHING, 2,3,4-53                        | 1           | 1           |             |             |             |             |             |             |             |             |             |             |  |
|                                                        | 5121243 | BUSHING, 2-53                            |             |             |             | 1           |             |             |             |             |             |             |             |             |  |
|                                                        | 5119420 | SLEEVE, 2,3,4-53 (AT BELL CRANK)         | 1           | 1           |             |             |             |             |             |             |             |             |             |             |  |
|                                                        | 5116437 | SLEEVE, 2,3,4-53 (AT LEVER)              | 1           | 1           |             |             |             |             |             |             |             |             |             |             |  |
|                                                        | 5121242 | SLEEVE, 2-53                             |             |             |             |             | 1           |             |             |             |             |             |             |             |  |
|                                                        | 5119421 | WASHER, RETAINING                        | 2           | 2           | 2           |             |             |             |             |             |             |             |             |             |  |
| 2.7827 - LEVER, MANUAL SHUTDOWN                        |         |                                          |             |             |             |             |             |             |             |             |             |             |             |             |  |
| 5A                                                     | 5116347 | LEVER, 2,3,4-53                          | 1           | 1           |             |             |             |             |             |             |             |             |             |             |  |
| 2.7830 - ADAPTOR, CYLINDER HEAD GOVERNOR CONTROL LINK  |         |                                          |             |             |             |             |             |             |             |             |             |             |             |             |  |
|                                                        | 5116262 | ADAPTOR, 2,3,4-53 (IN HEAD) (PLAIN END)  |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |  |
|                                                        | 5121252 | ADAPTOR, 2,3,4-53 (IN HEAD) (BEADED END) | 1           | 1           | 1           |             |             |             |             |             |             |             |             | 1           |  |



## 2.7000A MECHANICAL GOVERNOR

|                                                      |             |                                                                                                 | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                  | PART NUMBER | NAME AND DESCRIPTION                                                                            | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
| 2.7834 - BOOT, GOVERNOR TO INJECTOR LINK             |             |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
| 5A                                                   | 5121385     | BOOT                                                                                            | 1           | 1           | 1           |             |             |             |             |             |             |             |             | 1           |
|                                                      | 5129705     | HOSE, 7/8" I.D. X .75" L. (B & D ENG.)                                                          |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|                                                      | 5129707     | HOSE, 7/8" I.D. X 1.26" L. (A & C ENG.)                                                         |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|                                                      | 5186840     | CLAMP, 1 3/16" DIA. HOSE (B & D ENG.) (12.9660)                                                 |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |
|                                                      | 272855      | CLAMP, 1 1/4" DIA. HOSE (A & C ENG.) (12.9660)                                                  |             |             |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |             |
| 2.7890 - TUBE ASSY., GOVERNOR BEARING LUBRICATION    |             |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                   | 5144093     | TUBE ASSY., 2,3,4-53 (DEV. L. 8.08 ) (CONTROL HOUSING, C & D ENGINES)                           |             |             |             |             | 1           | 1           |             | 1           |             |             |             |             |
| 5D                                                   | 5144695     | TUBE ASSY., 2,3,4-53 (DEV. L. 8.08) (CONTROL HOUSING, A & B ENGINES)                            |             |             |             | 1           |             |             | 1           |             | 1           | 1           | 1           |             |
|                                                      | 5109785     | + * TUBE ASSY., 2, 3, 4-53 (DEV. L. 10.48) (WEIGHT HOUSING)                                     |             |             |             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
|                                                      | 5129726     | @ TUBE ASSY., 2,3,4-53 (DEV. L. 11.36) (WEIGHT HOUSING)                                         |             |             |             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
| 5D                                                   | 5143990     | TEE, 1/4"-1/4" TUBE X 1/8" PIPE                                                                 |             |             |             | 1           |             |             | 1           |             | 1           |             |             |             |
| 5D                                                   | 5166265     | ELBOW, 1/4" TUBE X 1/8" PIPE 90 DEG. (7.4074)                                                   |             |             |             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
|                                                      | 8924170     | CONNECTOR, 1/4" TUBE X 1/8" PIPE (12.9460)                                                      |             |             |             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
|                                                      | 443762      | * EXTENSION, 1/8" PIPE (12.9540)<br>* THRU 3D-3391.<br>@ EFFECTIVE WITH 3D-3392.<br>+ OBSOLETE. |             |             |             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
| 2.7910 - SPRING, GOVERNOR THROTTLE LEVER RETURN      |             |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                      | 5146132     | SPRING (TORSION) (C & D ENGINE)                                                                 |             |             |             |             |             | 1           |             | 1           |             |             |             |             |
|                                                      | 5147598     | SPRING (TORSION) (A & B ENGINE)                                                                 |             |             |             |             |             |             | 1           |             | 1           | 1           | 1           |             |
| 2.7920 - VALVE, GOVERNOR DUAL SPEED CONTROL SOLENOID |             |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                      | 5124545     | VALVE (220V, AC)                                                                                |             |             |             |             |             |             |             |             |             | 1           |             |             |
|                                                      | 5125032     | VALVE (220V, AC)                                                                                |             |             |             |             |             |             |             |             |             |             | 1           |             |
|                                                      | 132908      | BOLT, #10-32X1/2" (12.9001)                                                                     |             |             |             |             |             |             |             |             |             | 2           | 2           |             |
|                                                      | 120217      | LOCKWASHER, #10 (12.9200)                                                                       |             |             |             |             |             |             |             |             |             | 2           | 2           |             |
|                                                      | 120614      | NUT, #10-32 (12.9190)                                                                           |             |             |             |             |             |             |             |             |             | 2           | 2           |             |
| 2.7922 - BRACKET, GOVERNOR SOLENOID VALVE MOUNTING   |             |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                      | 5125991     | BRACKET                                                                                         |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                                      | 100001      | BOLT, 1/4"-28X3/4" (12.9001)                                                                    |             |             |             |             |             |             |             |             |             | 2           | 2           |             |
|                                                      | 120380      | LOCKWASHER, 1/4" (12.9200)                                                                      |             |             |             |             |             |             |             |             |             | 2           | 2           |             |
|                                                      | 121902      | NUT, 1/4"-28 (12.9190)                                                                          |             |             |             |             |             |             |             |             |             | 2           | 2           |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                      |         | TYPES                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|-------------------------------------------|---------|------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                       | NUMBER  | NAME AND DESCRIPTION                                       | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
| 2.7925 - TUBE, SOLENOID VALVE SUPPLY      |         |                                                            |             |             |             |             |             |             |             |             |             |             |             |             |
|                                           | 5126003 | + TUBE (DEV. L. 7 11/32")                                  |             |             |             |             |             |             |             |             |             | 1           |             |             |
|                                           | 5126005 | + TUBE (DEV. L. 6 25/32")                                  |             |             |             |             |             |             |             |             |             |             | 1           |             |
|                                           | 5129848 | ELBOW, 5/16" SEALASTIC 90 DEG. X<br>1/4" PIPE (2.5210)     |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                           | 5138297 | ELBOW ASSY., 5/16" SEALASTIC 90<br>DEG. (12.9425)          |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                           | 5177493 | RING, SEAL 5/16" SEALASTIC<br>(12.9435)<br>+ OBSOLETE.     |             |             |             |             |             |             |             |             |             | 2           | 2           |             |
| 2.7927 - TUBE, SOLENOID VALVE TO GOVERNOR |         |                                                            |             |             |             |             |             |             |             |             |             |             |             |             |
|                                           | 5126006 | TUBE (DEV. L. 9.06")                                       |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                           | 5129848 | ELBOW, 5/16" SEALASTIC 90 DEG. X<br>1/4" PIPE (2.5210)     |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                           | 5138297 | ELBOW ASSY., 5/16" SEALASTIC 90<br>DEG. (12.9425)          |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                           | 5177493 | RING, 5/16" SEALASTIC (12.9435)                            |             |             |             |             |             |             |             |             |             | 2           | 2           |             |
| 2.7930 - TUBE, SOLENOID VALVE DRAIN       |         |                                                            |             |             |             |             |             |             |             |             |             |             |             |             |
|                                           | 5125275 | + TUBE, 2,3,4-53 (DEV. L. 8 19/32) (HD.<br>TO VALVE)       |             |             |             |             |             |             |             |             |             | 1           |             |             |
|                                           | 5126004 | + TUBE, 2, 3, 4-53 (DEV. L. 8 7/8) (HD. TO<br>VALVE)       |             |             |             |             |             |             |             |             |             |             | 1           |             |
|                                           | 5126007 | TUBE, 2,3,4-53 (DRAIN)                                     |             |             |             |             |             |             |             |             |             | 1           |             |             |
|                                           | 5126001 | + TUBE, 2,3,4-53 (DRAIN)                                   |             |             |             |             |             |             |             |             |             |             | 1           |             |
|                                           | 5126012 | TUBE ASSY., 2,3,4-53 (DEV. L. 2 1 1/8)                     |             |             |             |             |             |             |             |             |             |             | 1           |             |
|                                           | 8924214 | TEE, 1/8" PIPE (7.4586)                                    |             |             |             |             |             |             |             |             |             | 1           |             |             |
|                                           | 5182216 | + TEE, 5/16" (7.4075)                                      |             |             |             |             |             |             |             |             |             |             | 1           |             |
|                                           | 8925085 | ELBOW ASSY., 5/16" SEALASTIC TUBE<br>90 DEG. (12.9425)     |             |             |             |             |             |             |             |             |             | 1           | 2           |             |
|                                           | 8925092 | CONNECTOR, 5/16" SEALASTIC TUBE<br>(12.9415)               |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                           | 5177493 | RING, 5/16" SEALASTIC TUBE<br>(12.9435)                    |             |             |             |             |             |             |             |             |             | 3           | 5           |             |
|                                           | 5182629 | CLIP (12.4080)                                             |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                           | 179833  | BOLT, 3/8"-16X1/2" (12.9001)                               |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
|                                           | 103321  | LOCKWASHER, 3/8" (12.9200)<br>+ OBSOLETE.                  |             |             |             |             |             |             |             |             |             | 1           | 1           |             |
| 2.7945 - SEAL, GOVERNOR                   |         |                                                            |             |             |             |             |             |             |             |             |             |             |             |             |
|                                           | 5101140 | SEAL                                                       |             |             |             |             | AR          | AR          |             |             |             | AR          | AR          |             |
| 2.7960 - GEAR, GOVERNOR DRIVE             |         |                                                            |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                        | 5116025 | * GEAR, 2,3,4-53 RA, RB, LC, LD (R.H.<br>HELIX; 49 TEETH)  | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                           | 5107076 | + GEAR, 3,4-53 RA, RB, LC, LD (R.H. HELIX;<br>56 TEETH)    | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                           | 8927961 | @ GEAR, 3-53 (R.H. HELIX-56 TEETH,<br>STAMPED 8927961)     |             |             |             |             |             |             |             |             | 1           |             |             |             |
| 5B                                        | 5116026 | * GEAR, 2,3,4-53, LA, LB, RC, RD (L.H.<br>HELIX; 49 TEETH) | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                           | 5107077 | + GEAR, 3,4-53 LA, LB, RC, RD (L.H. HELIX;<br>56 TEETH)    | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                           | 8924991 | @ GEAR, 3-53 (L.H. HELIX-56 TEETH;<br>STAMPED 8924991)     |             |             |             |             |             |             |             |             | 1           |             |             |             |
| 5C                                        | 5121223 | GEAR, 2-53 (L.H. HELIX; 44 TEETH)                          |             |             | 1           |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                   |        | TYPES                                              |             |             |             |             |             |             |             |             |             |             |             |             |
|----------------------------------------|--------|----------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                    | NUMBER | NAME AND DESCRIPTION                               | 4<br>4<br>4 | 4<br>4<br>8 | 4<br>5<br>2 | 4<br>6<br>6 | 4<br>6<br>7 | 4<br>6<br>8 | 4<br>6<br>9 | 4<br>7<br>0 | 4<br>7<br>1 | 4<br>8<br>7 | 4<br>8<br>8 | 4<br>9<br>6 |
| 2.7960 - GEAR, GOVERNOR DRIVE (CONT'D) |        |                                                    |             |             |             |             |             |             |             |             |             |             |             |             |
| 124546                                 |        | KEY, 5/32"X5/8" WOODRUFF (12.9350)                 | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 9434177                                |        | NUT, 5/8"-18 LOCK (12.9140)                        | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                        |        | * THRU 3D-170682 AND 4D-180938.                    |             |             |             |             |             |             |             |             |             |             |             |             |
|                                        |        | + EFF. WITH 3D-170683 AND 4D-180939.               |             |             |             |             |             |             |             |             |             |             |             |             |
|                                        |        | @ EFF. WITH 3D-193526 FOR TURBO APPLICATIONS ONLY. |             |             |             |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                                                                                                                          |                                                      | TYPES                |             |             |             |             |             |             |             |             |             |             |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                                                                                                                           | NUMBER                                               | NAME AND DESCRIPTION |             |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                               |                                                      | 4<br>9<br>8          | 4<br>9<br>9 | 5<br>0<br>1 | 5<br>0<br>2 | 5<br>0<br>4 | 5<br>0<br>5 | 5<br>0<br>6 | 5<br>0<br>7 | 5<br>0<br>8 | 5<br>0<br>9 | 5<br>1<br>0 | 5<br>1<br>1 |
| 2.7001 - GOVERNOR ASSY.                                                                                                                                       |                                                      |                      |             |             |             |             |             |             |             |             |             |             |             |
| A GOVERNOR ASSY. INCLUDES ITEMS IN<br>2.7045 THRU 2.7810 EXCEPT 2.7520,<br>2.7530 AND 2.7740. CLOSED LINKAGE<br>GOVE RNORS DO NOT INCLUDE ITEMS IN<br>2.7170. |                                                      |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5122796                                                                                                                                                       | * # GOVERNOR ASSY., 3, 4-53 VARIABLE<br>(5107142)    |                      |             |             | 1           |             |             |             |             |             |             |             |             |
| 5129822                                                                                                                                                       | * GOVERNOR ASSY., 2,3,4-53 CONSTANT<br>DUAL SPEED    | 1                    |             |             |             |             |             |             |             |             |             |             |             |
| 5125435                                                                                                                                                       | * # GOVERNOR ASSY., 2, 3, 4-53<br>VARIABLE (5129737) |                      | 1           |             |             |             |             |             |             |             |             |             |             |
| 5125437                                                                                                                                                       | * # GOVERNOR ASSY., 2, 3, 4-53<br>VARIABLE (5129737) |                      |             | 1           |             |             |             |             |             |             |             |             |             |
| 5129821                                                                                                                                                       | * GOVERNOR ASSY., 2,3,4-53 CONSTANT<br>DUAL SPEED    |                      |             |             |             | 1           |             |             |             |             |             |             |             |
| 5125436                                                                                                                                                       | * # GOVERNOR ASSY., 2, 3, 4-53<br>VARIABLE (5129738) |                      |             |             |             |             | 1           |             |             |             |             |             |             |
| 5125442                                                                                                                                                       | * # GOVERNOR ASSY., 2, 3, 4-53<br>VARIABLE (5129738) |                      |             |             |             |             |             | 1           |             |             |             |             |             |
| 5125441                                                                                                                                                       | * # GOVERNOR ASSY., 2, 3, 4-53<br>VARIABLE (5129737) |                      |             |             |             |             |             |             | 1           |             |             |             |             |
| 5125440                                                                                                                                                       | * # GOVERNOR ASSY., 2, 3, 4-53<br>VARIABLE (5129738) |                      |             |             |             |             |             |             |             | 1           |             |             |             |
| 5125439                                                                                                                                                       | * # GOVERNOR ASSY., 2,3,4-53<br>VARIABLE (5129737)   |                      |             |             |             |             |             |             |             |             | 1           |             |             |
| 5124525                                                                                                                                                       | * # GOVERNOR ASSY., 2, 3, 4-53<br>VARIABLE (5107142) |                      |             |             |             |             |             |             |             |             |             | 1           |             |
| 5124524                                                                                                                                                       | * # GOVERNOR ASSY., 2, 3, 4-53<br>VARIABLE (5107139) |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 180083                                                                                                                                                        | BOLT, 5/16"-18X1 1/2" (12.9001)                      | 2                    | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 186679                                                                                                                                                        | BOLT, 3/8"-16X1 1/4" (12.9001)                       | 2                    | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 9414285                                                                                                                                                       | BOLT, 3/8"-24X7/8" (12 PT. HD.)<br>(12.9001)         | 3                    | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |
| 5145225                                                                                                                                                       | WASHER, 3/8" SEAL (2.4050)                           | AR                   | 3           | AR          | 3           | 3           | 3           | 3           | 3           | 3           | AR          | AR          | AR          |
| 9414322                                                                                                                                                       | WASHER, 3/8" (12.9190)                               | 2                    | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 103320                                                                                                                                                        | LOCKWASHER, 5/16" (12.9200)                          | 2                    | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| * ASSEMBLY NOT SERVICED,<br>COMPONENTS ARE AVAILABLE.<br># FOR COMPLETE REPLACEMENT USE<br>ASSEMBLY SHOWN IN PARENTHESES.                                     |                                                      |                      |             |             |             |             |             |             |             |             |             |             |             |
| 2.7002 - NAME PLATE, GOVERNOR                                                                                                                                 |                                                      |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5122166                                                                                                                                                       | NAMEPLATE                                            | 1                    | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 145369                                                                                                                                                        | SCREW, #4X3/16" DRIVE (12.9067)                      | 2                    | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 2.7010 - GASKET, GOVERNOR TO<br>BLOWER-GOVERNOR DRIVE                                                                                                         |                                                      |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5B 5116336                                                                                                                                                    | GASKET, 2,3,4-53                                     | 1                    | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 2.7045 - COVER ASSY., GOVERNOR-COMPLETE                                                                                                                       |                                                      |                      |             |             |             |             |             |             |             |             |             |             |             |
| SEE ASSEMBLY BREAKDOWN PAGE A1.                                                                                                                               |                                                      |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5126432                                                                                                                                                       | # COVER ASSY., 2,3,4-53 (C & D ENG.)                 |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 5122721                                                                                                                                                       | @ COVER ASSY., 2,3,4-53 (C & D ENG.)                 |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 5126433                                                                                                                                                       | # COVER ASSY., 2,3,4-53 (A & B ENG.)                 | 1                    |             |             | 1           | 1           |             |             |             |             |             | 1           |             |
| 5122722                                                                                                                                                       | @ COVER ASSY., 2,3,4-53 (A & B ENG.)                 | 1                    |             |             | 1           | 1           |             |             |             |             |             | 1           |             |
| 5101768                                                                                                                                                       | RETAINER                                             | 1                    |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |

## 2.7000A MECHANICAL GOVERNOR

|                                                             |             |                                                                                                                                                                                                                                                                       | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|-------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                         | PART NUMBER | NAME AND DESCRIPTION                                                                                                                                                                                                                                                  | 4<br>9<br>8 | 4<br>9<br>9 | 5<br>0<br>1 | 5<br>0<br>2 | 5<br>0<br>4 | 5<br>0<br>5 | 5<br>0<br>6 | 5<br>0<br>7 | 5<br>0<br>8 | 5<br>0<br>9 | 5<br>1<br>0 | 5<br>1<br>1 |
| 2.7045 - COVER ASSY., GOVERNOR-COMplete (CONT'D)            |             |                                                                                                                                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5E,H                                                        | 9417926     | SCREW, 1/4"-20X3/4" FIL. HD. (WITH LOCKWASHER) (12.9010)                                                                                                                                                                                                              | 4           |             |             | 4           | 4           |             |             |             |             |             | 4           | 4           |
|                                                             | 453007      | SCREW, 1/4"-20X1" (W/LW) (12.9025)<br>@ THRU 2D-6491, 3D-310, 4D-849, NOT SERVICED COMPONENTS ARE AVAILABLE FOR REPLACEMENT USE ITEM MARKED #, A ND ONE SPRING IN 2.7910, 5146132 (C & D ENGINES) OR 5147598 (A & B ENGINES).<br># EFF. WITH 2D-6492, 3D-311, 4D-850. | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
| 2.7051 - GASKET, GOVERNOR COVER                             |             |                                                                                                                                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5E,H                                                        | 5122742     | GASKET, 2,3,4-53                                                                                                                                                                                                                                                      | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
| 2.7095 - SHAFT ASSY., GOVERNOR THROTTLE                     |             |                                                                                                                                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| A LEVER AND SHAFT ASSY. INCLUDES PINS IN 2.7170 AND 2.7172. |             |                                                                                                                                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                                          | 5125677     | LEVER AND SHAFT ASSY., 2,3,4-53                                                                                                                                                                                                                                       |             |             |             |             |             |             | 1           |             |             |             |             |             |
|                                                             | 5125453     | LEVER AND SHAFT ASSY., 2,3,4-53                                                                                                                                                                                                                                       |             | 1           |             |             |             |             |             |             |             | 1           |             |             |
|                                                             | 5125676     | LEVER AND SHAFT ASSY., 2,3,4-53                                                                                                                                                                                                                                       |             |             | 1           |             |             |             |             | 1           |             |             |             |             |
| 5K                                                          | 5125454     | LEVER AND SHAFT ASSY., 2,3,4-53                                                                                                                                                                                                                                       |             |             |             |             |             | 1           |             |             | 1           |             |             |             |
| 2.7170 - LEVER, GOVERNOR COVER THROTTLE SHAFT               |             |                                                                                                                                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5E,H                                                        | 5107147     | LEVER, 2,3,4-53 (2.9361)                                                                                                                                                                                                                                              | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
| 5K                                                          | 455734      | PIN, 1/8"X3/4" (12.9300)                                                                                                                                                                                                                                              |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 5K                                                          | 5124976     | BOLT, EYE                                                                                                                                                                                                                                                             |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 5E,H                                                        | 186647      | BOLT, 1/4"-20X1" (12.9001)                                                                                                                                                                                                                                            | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
| 5E                                                          | 120380      | LOCKWASHER, 1/4" (12.9200)                                                                                                                                                                                                                                            | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|                                                             | 114493      | LOCKNUT, 5/16"-24 (EYE BOLT) (2.7170)                                                                                                                                                                                                                                 |             | 2           | 2           |             |             | 2           | 2           | 2           | 2           | 2           |             |             |
| 2.7172 - BRACKET, GOVERNOR THROTTLE SPEED ADJUSTING SHAFT   |             |                                                                                                                                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                                          | 455734      | PIN, 1/8"X3/4" SPRING (12.9300)                                                                                                                                                                                                                                       |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 5B,K                                                        | 5125063     | BOLT, ADJUSTING                                                                                                                                                                                                                                                       |             | 2           | 2           |             |             | 2           | 2           | 2           | 2           | 2           |             |             |
|                                                             | 103089      | NUT, #12-24 (12.9190)                                                                                                                                                                                                                                                 |             | 2           | 2           |             |             | 2           | 2           | 2           | 2           | 2           |             |             |
| 2.7174 - SPRING, GOVERNOR THROTTLE SPEED ADJUSTING          |             |                                                                                                                                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                                          | 5125426     | SPRING, 2,3,4-53 (RED PAINT)                                                                                                                                                                                                                                          |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 2.7230 - HOUSING ASSY., GOVERNOR CONTROL                    |             |                                                                                                                                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                          | 5122757     | @ HOUSING, 2,3,4-53 (A & B ENG.)                                                                                                                                                                                                                                      | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           |             |
| 5D                                                          | 5144089     | HOUSING, 2,3,4-53 (A & B ENG.)                                                                                                                                                                                                                                        | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           |             |
| 5D                                                          | 5122756     | # HOUSING, 2,3,4-53 (C & D ENG.)                                                                                                                                                                                                                                      |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 5D                                                          | 5144090     | HOUSING, 2,3,4-53 (C & D ENG.)                                                                                                                                                                                                                                        |             |             |             |             |             |             |             |             |             |             |             | 1           |
|                                                             | 5125675     | HOUSING ASSY., 2,3,4-53 (A & B ENG.) (INCLUDES BUSHINGS)                                                                                                                                                                                                              |             |             |             |             |             | 1           | 1           |             | 1           |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART |                | TYPES                                                                                                                                                          |             |             |             |             |             |             |             |             |             |             |             |             |
|------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER         | NAME AND DESCRIPTION                                                                                                                                           | 4<br>9<br>8 | 4<br>9<br>9 | 5<br>0<br>1 | 5<br>0<br>2 | 5<br>0<br>4 | 5<br>0<br>5 | 5<br>0<br>6 | 5<br>0<br>7 | 5<br>0<br>8 | 5<br>0<br>9 | 5<br>1<br>0 | 5<br>1<br>1 |
|      |                | <b>2.7230 - HOUSING ASSY., GOVERNOR CONTROL (CONT'D)</b>                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
|      | <b>5125674</b> | HOUSING ASSY., 2,3,4-53 (C & D ENG.)<br>(INCLUDES BUSHINGS)                                                                                                    |             | 1           | 1           |             |             |             |             | 1           |             | 1           |             |             |
|      | <b>5116262</b> | ADAPTOR (INJECTOR CONTROL LINK<br>BOOT) 2,3,4-53 (2.7830)                                                                                                      | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
| 5K   | <b>5125052</b> | BUSHING, 2,3,4-53                                                                                                                                              |             | 2           | 2           |             |             | 2           | 2           | 2           | 2           | 2           |             |             |
|      | <b>105451</b>  | GASKET, 3/8" COPPER (12.9360)                                                                                                                                  | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | <b>113699</b>  | BOLT, 3/8"-24X1/2" (12.9001)<br>@ NOT SERVICED, REPLACE WITH<br>5144089 AND (1) 8924749 PLUG.<br># NOT SERVICED, REPLACE WITH<br>5144090 AND (1) 8924749 PLUG. | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      |                | <b>2.7250 - SHAFT ASSY., GOVERNOR OPERATING</b>                                                                                                                |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | A SHAFT ASSY. INCLUDES ITEMS IN<br>2.7255 AND 2.7280.                                                                                                          |             |             |             |             |             |             |             |             |             |             |             |             |
|      | <b>5122753</b> | SHAFT ASSY., 2,3,4-53 (A & B ENG.)<br>(INCLUDES BEARING IN 2.7260)                                                                                             | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           |             |
|      | <b>5122752</b> | SHAFT ASSY., 2,3,4-53 (C & D ENG.)<br>(INCLUDES BEARING IN 2.7260)                                                                                             |             |             |             |             |             |             |             |             |             |             |             | 1           |
|      | <b>5125191</b> | SHAFT, 2,3,4-53 (A & B ENG.)                                                                                                                                   |             |             |             |             |             | 1           | 1           |             | 1           |             |             |             |
|      | <b>5125190</b> | SHAFT, 2,3,4-53 (C & D ENG.)                                                                                                                                   |             | 1           | 1           |             |             |             |             | 1           |             | 1           |             |             |
|      |                | <b>2.7255 - SHAFT, GOVERNOR OPERATING</b>                                                                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | <b>5122751</b> | SHAFT, 2,3,4-53                                                                                                                                                | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|      |                | <b>2.7257 - TUBE, GOVERNOR OPERATING SHAFT</b>                                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | <b>5122754</b> | TUBE                                                                                                                                                           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |                | <b>2.7260 - BEARING, GOVERNOR OPERATING<br/>SHAFT-UPPER</b>                                                                                                    |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | <b>9431894</b> | BEARING                                                                                                                                                        | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
| 5K   | <b>9431895</b> | BEARING                                                                                                                                                        |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 5K   | <b>5125154</b> | SHIELD                                                                                                                                                         |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 5B,C | <b>9421917</b> | SCREW AND LOCKWASHER ASSY.,<br>#10-24X7/16" (12.9025)                                                                                                          | 1           |             |             | 1           | 1           |             |             |             |             |             |             |             |
| 5D   | <b>120391</b>  | WASHER, #10 (12.9190)                                                                                                                                          | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|      |                | <b>2.7270 - BEARING, GOVERNOR OPERATING<br/>SHAFT-LOWER</b>                                                                                                    |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D,K | <b>9431887</b> | BEARING                                                                                                                                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,K | <b>9413284</b> | RING, SNAP (BEARING TO HOUSING)                                                                                                                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5K   | <b>274844</b>  | RING, SNAP (BEARING TO SHAFT)                                                                                                                                  |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
|      |                | <b>2.7280 - LEVER, GOVERNOR OPERATING<br/>SHAFT-UPPER</b>                                                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | A LEVER ASSY. INCLUDES PIN IN 2.7300.                                                                                                                          |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | <b>5122750</b> | LEVER ASSY., 2,3,4-53 (A & B ENGINE)                                                                                                                           | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           |             |
| 5D   | <b>5122749</b> | LEVER ASSY., 2,3,4-53 (C & D ENGINE)                                                                                                                           |             |             |             |             |             |             |             |             |             |             |             | 1           |
| 5D   | <b>5150898</b> | SCREW (GAP ADJUSTING)                                                                                                                                          | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |

## 2.7000A MECHANICAL GOVERNOR

| PART |         |                                                                       | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|------|---------|-----------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                                  | 4<br>9<br>8 | 4<br>9<br>9 | 5<br>0<br>1 | 5<br>0<br>2 | 5<br>0<br>4 | 5<br>0<br>5 | 5<br>0<br>6 | 5<br>0<br>7 | 5<br>0<br>8 | 5<br>0<br>9 | 5<br>1<br>0 | 5<br>1<br>1 |
|      |         | 2.7280 - LEVER, GOVERNOR OPERATING<br>SHAFT-UPPER (CONT'D)            |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | 114492  | LOCKNUT, 1/4"-28 (12.9120)                                            | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|      |         | 2.7290 - FORK, GOVERNOR OPERATING<br>SHAFT-LOWER                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D,K | 5122741 | FORK                                                                  | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,K | 9425382 | SCREW, #10-32X5/8" (12.9001)                                          | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 5D,K | 120217  | LOCKWASHER, #10 (12.9200)                                             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
|      |         | 2.7300 - PIN, GOVERNOR OPERATING SHAFT<br>LEVER                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | 5122746 | PIN                                                                   | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
| 5K   | 455297  | PIN, 5/32"x7/8" (12.9270)                                             |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
|      |         | 2.7310 - LEVER AND PIN ASSY., GOVERNOR<br>DIFFERENTIAL                |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | A LEVER ASSY. INCLUDES PIN IN 2.7315.                                 |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | 5122743 | LEVER ASSY.                                                           | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
| 5D   | 142583  | RETAINER, 3/16" (SPRING) (12.9640)                                    | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
| 5D   | 5150941 | WASHER, 21/64"                                                        | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|      |         | 2.7315 - PIN, GOVERNOR DIFFERENTIAL LEVER                             |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | 5122745 | PIN                                                                   | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|      |         | 2.7340 - HOUSING, GOVERNOR WEIGHT                                     |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D,K | 5129730 | HOUSING ASSY. (C AND D ENGINE)                                        |             | 1           | 1           |             |             |             |             | 1           |             | 1           |             | 1           |
| 5D,K | 5129731 | HOUSING ASSY. (A AND B ENGINE)                                        | 1           |             |             | 1           | 1           | 1           | 1           |             | 1           |             | 1           |             |
| 5K   | 5119127 | BUSHING (WEIGHT SHAFT END)                                            | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,K | 9428477 | PLUG, CUP 15/16" DIA. (3.4030)                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |         | 2.7350 - SHAFT AND CARRIER ASSY.,<br>GOVERNOR WEIGHT                  |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | SEE ASSEMBLY BREAKDOWN PAGE C1.                                       |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5122787 | * SHAFT AND CARRIER ASSY., 2,3,4-53                                   |             |             |             |             |             |             |             |             |             |             | 1           | 1           |
|      | 5122788 | * SHAFT AND CARRIER ASSY., 2,3,4-53                                   |             |             |             | 1           |             |             |             |             |             |             |             |             |
|      | 5125042 | * SHAFT AND CARRIER ASSY., 2,3,4-53                                   | 1           | 1           | 1           |             | 1           | 1           |             |             |             |             |             |             |
|      | 5125043 | * SHAFT AND CARRIER ASSY., 2,3,4-53                                   |             |             |             |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
|      | 110529  | SCREW, #10-24X1/4" SL. (12.9030)                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |         | * NOT SERVICED, LISTED FOR<br>REFERENCE ONLY, USE COMPONENT<br>PARTS. |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | 2.7475 - SPACER, GOVERNOR WEIGHT SHAFT                                |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B   | 5122738 | SPACER, 1/4"x.64" I.D. (BETWEEN<br>GEAR AND BEARING) 2, 3, 4-53       | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |

## 2.7000A MECHANICAL GOVERNOR

| PART |         | TYPES                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
|------|---------|-----------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                      | 4<br>9<br>8 | 4<br>9<br>9 | 5<br>0<br>1 | 5<br>0<br>2 | 5<br>0<br>4 | 5<br>0<br>5 | 5<br>0<br>6 | 5<br>0<br>7 | 5<br>0<br>8 | 5<br>0<br>9 | 5<br>1<br>0 | 5<br>1<br>1 |
|      |         | <b>2.7520 - COVER, GOVERNOR WEIGHT HOUSING</b>            |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5152716 | = COVER (3.4223)                                          |             |             |             |             |             |             |             |             | 1           | 1           |             |             |
|      | 186625  | = BOLT, 5/16"-18X7/8" (12.9001)                           |             |             |             |             |             |             |             |             | 3           | 3           |             |             |
|      | 103320  | = LOCKWASHER, 5/16" (12.9200)                             |             |             |             |             |             |             |             |             | 3           | 3           |             |             |
|      |         | = REQUIRED WHEN FUEL PUMP IS NOT<br>DRIVEN FROM GOVERNOR. |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | <b>2.7530 - GASKET, GOVERNOR WEIGHT HOUSING<br/>COVER</b> |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5150193 | = GASKET (5.1010)                                         |             |             |             |             |             |             |             |             | 1           | 1           |             |             |
|      |         | = REQUIRED WHEN FUEL PUMP IS NOT<br>DRIVEN FROM GOVERNOR. |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | <b>2.7550 - SPRING, GOVERNOR HIGH SPEED</b>               |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5124417 | + SPRING, 2,3,4-53 (TWO RED STRIPES)                      |             |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5153629 | SPRING, 2,3,4-53 (TWO ALUMINUM<br>STRIPES)                | 1           |             |             |             |             |             |             |             |             |             |             |             |
|      |         | + OBSOLETE                                                |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | <b>2.7563 - PLUNGER, GOVERNOR HIGH SPEED<br/>SPRING</b>   |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125418 | PLUNGER                                                   | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      |         | <b>2.7600 - SHIM, GOVERNOR HIGH SPEED SPRING</b>          |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5123922 | SHIM, .010" THICK                                         | AR          |             |             |             | AR          |             |             |             |             |             |             |             |
|      | 5123923 | SHIM, .100" THICK                                         | AR          |             |             |             | AR          |             |             |             |             |             |             |             |
|      |         | <b>2.7610 - RETAINER, GOVERNOR HIGH SPEED<br/>SPRING</b>  |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5113867 | RETAINER                                                  | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      |         | <b>2.7612 - PISTON, GOVERNOR SPEED ADJUSTING</b>          |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125603 | PISTON                                                    | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5125604 | SPACER, PISTON                                            | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5133752 | RING, PISTON SEAL                                         | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      |         | <b>2.7620 - GUIDE, GOVERNOR SPRING</b>                    |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5124551 | GUIDE, 2,3,4-53                                           | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      |         | <b>2.7630 - COVER, GOVERNOR HIGH SPEED<br/>SPRING</b>     |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125449 | COVER ASSY., 2,3,4-53                                     | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 9414499 | SCREW, 5/16"-24X1 1/2" SET<br>(12.9076)                   |             |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5125450 | PLUG, 5/8"X18                                             | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5156768 | GASKET, 21/32" (COPPER) (4.4170)                          | 1           |             |             |             | 1           |             |             |             |             |             |             |             |



## 2.7000A MECHANICAL GOVERNOR

| PART                                                                                                                                                         |         | NAME AND DESCRIPTION                                  | TYPES       |             |             |             |             |             |             |             |             |             |             |             |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|
| FIG                                                                                                                                                          | NUMBER  |                                                       | 4<br>9<br>8 | 4<br>9<br>9 | 5<br>0<br>1 | 5<br>0<br>2 | 5<br>0<br>4 | 5<br>0<br>5 | 5<br>0<br>6 | 5<br>0<br>7 | 5<br>0<br>8 | 5<br>0<br>9 | 5<br>1<br>0 | 5<br>1<br>1 |  |  |
| 2.7635 - HOUSING, GOVERNOR HIGH SPEED<br>SPRING ADJUSTING SCREW                                                                                              |         |                                                       |             |             |             |             |             |             |             |             |             |             |             |             |  |  |
|                                                                                                                                                              | 5125419 | HOUSING, 2,3,4-53                                     | 1           |             |             |             | 1           |             |             |             |             |             |             |             |  |  |
| 5G                                                                                                                                                           | 445520  | BOLT, 5/16"-18X3 1/2" (12.9001)                       | 2           |             |             |             | 2           |             |             |             |             |             |             |             |  |  |
| 5G                                                                                                                                                           | 103320  | LOCKWASHER, 5/16" (12.9200)                           | 2           |             |             |             | 2           |             |             |             |             |             |             |             |  |  |
| 2.7650 - GASKET, GOVERNOR HIGH SPEED<br>SPRING COVER                                                                                                         |         |                                                       |             |             |             |             |             |             |             |             |             |             |             |             |  |  |
|                                                                                                                                                              | 8922593 | GASKET                                                | 2           |             |             |             | 2           |             |             |             |             |             |             |             |  |  |
| 2.7680 - HOUSING ASSY., GOVERNOR VARIABLE<br>SPEED SPRING                                                                                                    |         |                                                       |             |             |             |             |             |             |             |             |             |             |             |             |  |  |
| SEE ASSEMBLY BREAKDOWN PAGE E1.                                                                                                                              |         |                                                       |             |             |             |             |             |             |             |             |             |             |             |             |  |  |
|                                                                                                                                                              | 5172555 | # HOUSING ASSY., 3,4-53 (A & B ENGINE)                |             |             |             | 1           |             |             |             |             |             |             |             |             |  |  |
|                                                                                                                                                              | 5127655 | @ * HOUSING ASSY., 3,4-53 (A & B ENG.)<br>(5139662)   |             |             |             | 1           |             |             |             |             |             |             |             |             |  |  |
|                                                                                                                                                              | 5183479 | # HOUSING ASSY., 2,3,4-53 (A & B ENG.)                |             |             |             |             |             |             |             |             |             | 1           |             |             |  |  |
|                                                                                                                                                              | 5126842 | @ * HOUSING ASSY., 2,3,4-53 (A & B<br>ENG.) (5139662) |             |             |             |             |             |             |             |             |             | 1           |             |             |  |  |
|                                                                                                                                                              | 5179124 | # HOUSING ASSY., 2,3,4-53 (C & D ENG.)                |             |             |             |             |             |             |             |             |             |             | 1           |             |  |  |
|                                                                                                                                                              | 5126841 | @ * HOUSING ASSY., 2,3,4-53 (C & D<br>ENG.) (5139262) |             |             |             |             |             |             |             |             |             |             |             | 1           |  |  |
| 5F                                                                                                                                                           | 445520  | BOLT, 5/16"-18X3 1/2" (12.9001)                       |             |             |             | 2           |             |             |             |             |             | 2           |             | 2           |  |  |
| 5F                                                                                                                                                           | 103320  | LOCKWASHER, 5/16" (12.9200)                           |             |             |             | 2           |             |             |             |             |             | 2           |             | 2           |  |  |
| # NOT SERVICED, COMPONENTS<br>AVAILABLE; EARLY TYPE WITH 3/4"<br>COUNTERBORE FOR SHAFT PACKING.<br>FOR COMPLETE REPLACEMENT USE<br>ITEMS MARKED @.           |         |                                                       |             |             |             |             |             |             |             |             |             |             |             |             |  |  |
| @ LATE TYPE, 5/8" BORE, NO<br>COUNTERBORE FOR PACKING.                                                                                                       |         |                                                       |             |             |             |             |             |             |             |             |             |             |             |             |  |  |
| * NOT SERVICED, COMPONENTS ARE<br>AVAILABLE, FOR COMPLETE<br>REPLACEMENT USE ASSY. SHOWN IN<br>PARENTHESES WHICH INCORPORATES<br>A NEW WIDER ROLLER BEARING. |         |                                                       |             |             |             |             |             |             |             |             |             |             |             |             |  |  |
| 2.7700 - GASKET, GOVERNOR VARIABLE SPEED<br>SPRING HOUSING                                                                                                   |         |                                                       |             |             |             |             |             |             |             |             |             |             |             |             |  |  |
| 5F                                                                                                                                                           | 8922593 | GASKET (2.7650)                                       |             |             |             | 1           |             |             |             |             |             | 1           |             | 1           |  |  |
| 2.7740 - LEVER, GOVERNOR VARIABLE SPEED<br>CONTROL                                                                                                           |         |                                                       |             |             |             |             |             |             |             |             |             |             |             |             |  |  |
|                                                                                                                                                              | 5151519 | LEVER (2.7170)                                        |             |             |             |             |             |             |             |             |             |             | 1           |             |  |  |
|                                                                                                                                                              | 186647  | BOLT, 1/4"-20X1" (12.9001)                            |             |             |             |             |             |             |             |             |             |             | 1           |             |  |  |
|                                                                                                                                                              | 103319  | LOCKWASHER, 1/4" (12.9200)                            |             |             |             |             |             |             |             |             |             |             | 1           |             |  |  |
| 2.7760 - SPRING, GOVERNOR VARIABLE SPEED                                                                                                                     |         |                                                       |             |             |             |             |             |             |             |             |             |             |             |             |  |  |
| 5F                                                                                                                                                           | 5127397 | SPRING (TWO LIGHT BLUE STRIPES)                       |             |             |             | 1           |             |             |             |             |             | 1           |             | 1           |  |  |

## 2.7000A MECHANICAL GOVERNOR

| PART |         |                                                         | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|------|---------|---------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                    | 4<br>9<br>8 | 4<br>9<br>9 | 5<br>0<br>1 | 5<br>0<br>2 | 5<br>0<br>4 | 5<br>0<br>5 | 5<br>0<br>6 | 5<br>0<br>7 | 5<br>0<br>8 | 5<br>0<br>9 | 5<br>1<br>0 | 5<br>1<br>1 |
|      |         | 2.7770 - PLUNGER, GOVERNOR VARIABLE SPEED SPRING        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F   | 5162661 | PLUNGER                                                 |             |             |             | 1           |             |             |             |             |             |             | 1           | 1           |
|      |         | 2.7780 - GUIDE, GOVERNOR VARIABLE SPEED SPRING PLUNGER  |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F   | 5152939 | GUIDE                                                   |             |             |             | 1           |             |             |             |             |             |             | 1           | 1           |
|      |         | 2.7790 - RETAINER, GOVERNOR VARIABLE SPEED SPRING       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F   | 5137276 | RETAINER                                                |             |             |             | 1           |             |             |             |             |             |             | 1           | 1           |
|      |         | 2.7795 - STOP, GOVERNOR VARIABLE SPEED SPRING RETAINER  |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F   | 5171784 | STOP, 2,3,4-53 (WITH STEP)                              |             |             |             | 1           |             |             |             |             |             |             | 1           | 1           |
| 5F   | 5174430 | STOP, 2,3,4-53 (WITH GAP)                               |             |             |             | 1           |             |             |             |             |             |             | 1           | 1           |
|      |         | 2.7800 - SHIM, GOVERNOR VARIABLE SPEED SPRING           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F   | 5136590 | SHIM, .010"                                             |             |             |             | AR          |             |             |             |             |             |             | AR          | AR          |
| 5F   | 5136591 | SHIM, .078"                                             |             |             |             | AR          |             |             |             |             |             |             | AR          | AR          |
|      |         | 2.7810 - SCREW ASSY., GOVERNOR BUFFER                   |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D   | 5177083 | SCREW ASSY., 2,3,4-53 (WITH SPRING)                     |             | 1           | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 5183773 | # SCREW ASSY., 2,3,4-53 (WITH SPRING)                   |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 5155596 | # WASHER (4.7120)                                       |             | 2           | 2           |             |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
|      | 5174286 | # NUT (12.9140)                                         |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D   | 124925  | NUT, 3/8"-24 (12.9120)                                  |             |             |             | 1           |             |             |             |             |             |             | 1           | 1           |
|      |         | # USE WITH UPPER CONTROL HOUSING LUBRICATION TUBE ONLY. |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | 2.7819 - ROD ASSY., GOVERNOR TO INJECTOR LINK           |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5122797 | LINK, 2,3,4-53 (A AND C ENGINE)                         | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|      | 5122798 | LINK, 2,3,4-53 (B AND D ENGINE)                         | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|      | 5125322 | LINK, 2,3,4-53 (A ENGINE)                               |             |             |             |             |             | 1           | 1           |             | 1           |             |             |             |
|      | 5125689 | LINK, 2,3,4-53 (B ENGINE)                               |             |             |             |             |             | 1           | 1           |             | 1           |             |             |             |
|      | 5125323 | LINK, 2,3,4-53 (C ENGINE)                               |             | 1           | 1           |             |             |             |             | 1           |             | 1           |             |             |
|      | 5125688 | LINK, 2,3,4-53 (D ENGINE)                               |             | 1           | 1           |             |             |             |             | 1           |             | 1           |             |             |
|      | 5125518 | JOINT, 1/4" BALL (2.8940)                               |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 7A   | 5147345 | PIN, LINK (TO INJECTOR CONTROL TUBE LEVER)              | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 7A   | 103361  | PIN, 1/16"X1/2" COTTER (12.9250)                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 5150941 | WASHER, 21/64" (2.7310)                                 | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|      | 142583  | RETAINER, SPRING 3/16" (12.9640)                        | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|      | 5125571 | CLIP, SHUTDOWN CABLE (ON LINK) (2.9422)                 |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
|      | 114492  | LOCKNUT, 1/4"-28 (12.9120)                              |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                  |                                         |                                                                        | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|-------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                   | NUMBER                                  | NAME AND DESCRIPTION                                                   | 4<br>9<br>8 | 4<br>9<br>9 | 5<br>0<br>1 | 5<br>0<br>2 | 5<br>0<br>4 | 5<br>0<br>5 | 5<br>0<br>6 | 5<br>0<br>7 | 5<br>0<br>8 | 5<br>0<br>9 | 5<br>1<br>0 | 5<br>1<br>1 |
| 2.7820 - LEVER, GOVERNOR TO INJECTOR LINK             |                                         |                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                                    | 5125278                                 | LEVER ASSY., 2,3,4-53 (A & B ENG.)                                     |             |             |             |             |             | 1           | 1           |             | 1           |             |             |             |
| 5K                                                    | 5125277                                 | LEVER ASSY., 2,3,4-53 (C & D ENG.)                                     |             | 1           | 1           |             |             |             |             | 1           |             | 1           |             |             |
| 5K                                                    | 5125107                                 | SPRING                                                                 |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 5K                                                    | 5122732                                 | RING, SNAP (2.7150)                                                    |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 5K                                                    | 5126243                                 | WASHER, SPRING                                                         |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 2.7830 - ADAPTOR, CYLINDER HEAD GOVERNOR CONTROL LINK |                                         |                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5116262                                               | ADAPTOR, 2,3,4-53 (IN HEAD) (PLAIN END) |                                                                        | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
| 5121252                                               | ADAPTOR, 2,3,4-53 (IN HEAD) BEADED END) |                                                                        |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
| 2.7834 - BOOT, GOVERNOR TO INJECTOR LINK              |                                         |                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5A                                                    | 5121385                                 | BOOT                                                                   |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           | 1           |             |             |
|                                                       | 5129705                                 | HOSE, 7/8" I.D. X .75" L. (B & D ENG.)                                 | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|                                                       | 5129707                                 | HOSE, 7/8" I.D. X 1.26" L. (A & C ENG.)                                | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|                                                       | 5186840                                 | CLAMP, 1 3/16" DIA. HOSE (12.9660)                                     | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           | 1           |
|                                                       | 272855                                  | CLAMP, 1 1/4" DIA. HOSE (A & C ENG.) (12.9660)                         | 2           |             |             | 2           | 2           |             |             |             |             |             | 2           | 2           |
| 2.7837 - WIRE, GOVERNOR MANUAL SHUTDOWN LEVER         |                                         |                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5161464                                               | PIN, WIRE SWIVEL (2.9426)               |                                                                        |             |             |             |             |             |             |             |             |             |             | 1           |             |
| 5150941                                               | WASHER, 21/64" (2.7310)                 |                                                                        |             |             |             |             |             |             |             |             |             |             | 1           |             |
| 142583                                                | RETAINER, 13/64" (SPRING) (12.9640)     |                                                                        |             |             |             |             |             |             |             |             |             |             | 1           |             |
| 3290569                                               | CLIP, WIRE (7.8320)                     |                                                                        |             |             |             |             |             |             |             |             |             |             | 1           |             |
| 2.7890 - TUBE ASSY., GOVERNOR BEARING LUBRICATION     |                                         |                                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                    | 5144093                                 | TUBE ASSY., 2,3,4-53 (DEV. L. 8.08) (CONTROL HOUSING, C & D ENGINES)   |             | 1           | 1           |             |             |             | 1           |             |             | 1           |             | 1           |
| 5D                                                    | 5144695                                 | TUBE ASSY., 2, 3, 4-53 (DEV. L. 8.08) (CONTROL HOUSING, C & D ENGINES) |             |             |             | 1           | 1           |             |             |             |             |             | 1           |             |
|                                                       | 5109785                                 | + * TUBE ASSY., 2,3,4-53 (DEV. L. 10.48) (WEIGHT HOUSING)              | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
|                                                       | 5129726                                 | @ TUBE ASSY., 2,3,4-53 (DEV. L. 11.36) (WEIGHT HOUSING)                | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
| 5D                                                    | 5143990                                 | TEE, 1/4"-1/4" TUBE X 1/8" PIPE                                        | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           |             |
| 5D                                                    | 5166265                                 | ELBOW, 1/4" TUBE X 1/8" PIPE 90 DEG. (7.4074)                          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
|                                                       | 8924170                                 | CONNECTOR, 1/4" TUBE X 1/8" PIPE (12.9460)                             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
|                                                       | 443762                                  | * EXTENSION, 1/8" PIPE (12.9540)                                       | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
|                                                       |                                         | * THRU 3D-3391.                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                       |                                         | @ EFFECTIVE WITH 3D-3392.                                              |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                       |                                         | + OBSOLETE.                                                            |             |             |             |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART |         | TYPES                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
|------|---------|-----------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                      | 4<br>9<br>8 | 4<br>9<br>9 | 5<br>0<br>1 | 5<br>0<br>2 | 5<br>0<br>4 | 5<br>0<br>5 | 5<br>0<br>6 | 5<br>0<br>7 | 5<br>0<br>8 | 5<br>0<br>9 | 5<br>1<br>0 | 5<br>1<br>1 |
|      |         | 2.7910 - SPRING, GOVERNOR THROTTLE LEVER RETURN           |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5146132 | SPRING, 2,3,4-53 (TORSION) (C & D ENG.)                   |             |             |             |             |             |             |             |             |             |             |             | 1           |
|      | 5147598 | SPRING, 2,3,4-53 (TORSION) (A & B ENG.)                   | 1           |             |             | 1           | 1           |             |             |             |             |             | 1           |             |
|      |         | 2.7920 - VALVE, GOVERNOR DUAL SPEED CONTROL SOLENOID      |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5124545 | VALVE (220V, AC)                                          | 1           |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125032 | VALVE (220V, AC)                                          |             |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 132908  | BOLT, #10-32X1/2" (12.9025)                               | 2           |             |             |             | 2           |             |             |             |             |             |             |             |
|      | 120217  | LOCKWASHER, #10 (12.9200)                                 | 2           |             |             |             | 2           |             |             |             |             |             |             |             |
|      | 120614  | NUT, #10-32 (12.9190)                                     | 2           |             |             |             | 2           |             |             |             |             |             |             |             |
|      |         | 2.7922 - BRACKET, GOVERNOR SOLENOID VALVE MOUNTING        |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125991 | BRACKET                                                   | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 100001  | BOLT, 1/4"-28X3/4" (12.9001)                              | 2           |             |             |             | 2           |             |             |             |             |             |             |             |
|      | 120380  | LOCKWASHER, 1/4" (12.9200)                                | 2           |             |             |             | 2           |             |             |             |             |             |             |             |
|      | 121902  | NUT, 1/4"-28 (12.9190)                                    | 2           |             |             |             | 2           |             |             |             |             |             |             |             |
|      |         | 2.7925 - TUBE, SOLENOID VALVE SUPPLY                      |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5126003 | + TUBE, 2,3,4-53 (DEV. L. 7 11/32)                        | 1           |             |             |             |             |             |             |             |             |             |             |             |
|      | 5126005 | + TUBE, 2,3,4-53 (DEV. L. 6 25/32)                        |             |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5129848 | ELBOW, 5/16" SEALASTIC 90 DEG. X 1/4" PIPE (2.5210)       | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 8925085 | ELBOW ASSY., 5/16" SEALASTIC 90 DEG. (12.9425)            | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5177493 | RING, SEAL 5/16" SEALASTIC (12.9435)                      | 2           |             |             |             | 2           |             |             |             |             |             |             |             |
|      |         | + OBSOLETE.                                               |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | 2.7927 - TUBE, SOLENOID VALVE TO GOVERNOR                 |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5126006 | TUBE (DEV. L. 9.06")                                      | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5129848 | ELBOW ASSY., 5/16" SEALASTIC 90 DEG. X 1/4" PIPE (2.5210) | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 8925085 | ELBOW ASSY., 5/16" SEALASTIC 90 DEG. (12.9425)            | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5177493 | RING, 5/16" SEALASTIC (12.9435)                           | 2           |             |             |             | 2           |             |             |             |             |             |             |             |
|      |         | 2.7930 - TUBE, SOLENOID VALVE DRAIN                       |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125275 | # TUBE, 2,3,4-53 (DEV. L. 8 19/32) (HD. TO VALVE)         | 1           |             |             |             |             |             |             |             |             |             |             |             |
|      | 5126004 | # TUBE, 2,3,4-53 (DEV. L. 8 7/8) (HD. TO VALVE)           |             |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5126007 | TUBE, 2,3,4-53 (DRAIN)                                    | 1           |             |             |             |             |             |             |             |             |             |             |             |
|      | 5126001 | # TUBE, 2,3,4-53 (DRAIN)                                  |             |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5126012 | TUBE ASSY. (DEV. L. 21 1/8")                              |             |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 8924214 | TEE, 1/8" PIPE (7.4586)                                   | 1           |             |             |             |             |             |             |             |             |             |             |             |
|      | 5182216 | # TEE, 5/16" (7.4075)                                     |             |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 8925085 | ELBOW ASSY., 5/16" SEALASTIC TUBE 90 DEG. (12.9425)       | 1           |             |             |             | 2           |             |             |             |             |             |             |             |
|      | 8925092 | CONNECTOR, 5/16" SEALASTIC TUBE (12.9415)                 | 1           |             |             |             | 1           |             |             |             |             |             |             |             |

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| PART |                | TYPES                                               |             |             |             |             |             |             |             |             |             |             |             |             |
|------|----------------|-----------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER         | NAME AND DESCRIPTION                                | 4<br>9<br>8 | 4<br>9<br>9 | 5<br>0<br>1 | 5<br>0<br>2 | 5<br>0<br>4 | 5<br>0<br>5 | 5<br>0<br>6 | 5<br>0<br>7 | 5<br>0<br>8 | 5<br>0<br>9 | 5<br>1<br>0 | 5<br>1<br>1 |
|      |                | <b>2.7930 - TUBE, SOLENOID VALVE DRAIN (CONT'D)</b> |             |             |             |             |             |             |             |             |             |             |             |             |
|      | <b>5177493</b> | RING, 5/16" SEALASTIC TUBE (12.9435)                | 3           |             |             |             | 5           |             |             |             |             |             |             |             |
|      | <b>5182629</b> | CLIP (12.4080)                                      | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | <b>179833</b>  | BOLT, 3/8"-16X1/2" (12.9001)                        | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      | <b>103321</b>  | LOCKWASHER, 3/8" (12.9200)                          | 1           |             |             |             | 1           |             |             |             |             |             |             |             |
|      |                | # OBSOLETE.                                         |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | <b>2.7945 - SEAL, GOVERNOR</b>                      |             |             |             |             |             |             |             |             |             |             |             |             |
|      | <b>5101140</b> | SEAL                                                | AR          |             |             | AR          | AR          |             |             |             | AR          | AR          |             |             |
|      |                | <b>2.7960 - GEAR, GOVERNOR DRIVE</b>                |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B   | <b>5116025</b> | * GEAR, 3,4-53 RA, RB, LC, LD (RH HELIX; 49 TEETH)  | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | <b>5107076</b> | + GEAR, 3,4-53 RA, RB, LC, LD (RH HELIX; 56 TEETH)  | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5B   | <b>5116026</b> | * GEAR, 3,4-53 LA, LB, RC, RD (LH HELIX; 49 TEETH)  | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | <b>5107077</b> | + GEAR, 3,4-53 LA, LB, RC, RD (LH HELIX; 56 TEETH)  | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |                | * THRU 3D-170682 AND 4D-180938.                     |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | + EFF. WITH 3D-170683 AND 4D-180939.                |             |             |             |             |             |             |             |             |             |             |             |             |
| 5C   | <b>5121223</b> | GEAR (L.H. HELIX; 44 TEETH)                         |             |             | 1           |             |             |             |             |             |             |             |             |             |
|      | <b>124546</b>  | KEY, 5/32"X5/8" WOODRUFF (12.9350)                  | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | <b>9434177</b> | NUT, 5/8"-18 LOCK (12.9140)                         | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |                | <b>2.7975 - BRACKET, THROTTLE BOOSTER SPRING</b>    |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K   | <b>5125407</b> | BRACKET, 2,3,4-53 (C & D ENGINES)                   |             | 1           |             |             |             |             |             |             |             | 1           |             |             |
| 5K   | <b>5125408</b> | BRACKET, 2,3,4-53 (A & B ENGINES)                   |             |             |             |             |             | 1           |             |             | 1           |             |             |             |
| 5K   | <b>122007</b>  | BOLT, 5/16"-18X3/4" (12.9001)                       |             | 2           |             |             |             | 2           |             |             | 2           | 2           |             |             |
|      | <b>120214</b>  | LOCKWASHER, 5/16" (12.9200)                         |             | 2           |             |             |             | 2           |             |             | 2           | 2           |             |             |
|      |                | <b>2.7980 - SPRING, THROTTLE BOOSTER</b>            |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K   | <b>5125426</b> | SPRING (2.7174)                                     |             | 1           |             |             |             | 1           |             |             | 1           | 1           |             |             |
|      |                | <b>2.7982 - EYE, THROTTLE BOOSTER ADJUSTING</b>     |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K   | <b>5124976</b> | SCREW (2.7170)                                      |             | 1           |             |             |             | 1           |             |             | 1           | 1           |             |             |
|      | <b>120393</b>  | WASHER, 5/16" (12.9190)                             |             | 2           |             |             |             | 2           |             |             | 2           | 2           |             |             |
| 5K   | <b>114493</b>  | LOCKNUT, 5/16"-24 (2.7170)                          |             | 2           |             |             |             | 2           |             |             | 2           | 2           |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                                                                                                                                                                                                |                                                                 | TYPES                |             |             |             |             |             |             |             |             |             |             |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                                                                                                                                                                                                 | NUMBER                                                          | NAME AND DESCRIPTION |             |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                                                                                                     |                                                                 | 5<br>1<br>2          | 5<br>1<br>3 | 5<br>1<br>4 | 5<br>1<br>5 | 5<br>2<br>2 | 5<br>3<br>0 | 5<br>3<br>1 | 5<br>3<br>2 | 5<br>4<br>5 | 5<br>5<br>4 | 5<br>6<br>2 | 5<br>6<br>4 |
| 2.7001 - GOVERNOR ASSY.                                                                                                                                                                                                             |                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| A GOVERNOR ASSY. INCLUDES ITEMS IN<br>2.7002, 2.7045 THRU 2.7810 EXCEPT<br>2.7165, 2.7520, 2.7530 AND 2.7740. CLO<br>SED LINKAGE GOVERNORS DO NOT<br>INCLUDE ITEMS IN 2.7170. 6V-53<br>GOVERNORS NO NOT INCLUDE ITEMS IN<br>2.7470. |                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5125382                                                                                                                                                                                                                             | * GOVERNOR ASSY., 6V53 (VARIABLE)<br>(5103793)                  | 1                    |             |             |             |             |             |             |             |             |             |             |             |
| 5116008                                                                                                                                                                                                                             | * GOVERNOR ASSY., 6V53 (VARIABLE)<br>(5103750)                  |                      | 1           |             |             |             |             |             |             |             |             |             |             |
| 5116009                                                                                                                                                                                                                             | * GOVERNOR ASSY., 6V53 (VARIABLE)<br>(5103792)                  |                      |             | 1           |             |             |             |             |             |             |             |             |             |
| 5116006                                                                                                                                                                                                                             | * GOVERNOR ASSY., 6V53 (LIMITING)<br>(5103783)                  |                      |             |             | 1           |             |             |             |             |             |             |             |             |
| 5126523                                                                                                                                                                                                                             | * GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107128)            |                      |             |             |             | 1           |             |             |             |             |             |             |             |
| 5126521                                                                                                                                                                                                                             | * GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107132)            |                      |             |             |             |             | 1           |             |             |             |             |             |             |
| 5126522                                                                                                                                                                                                                             | * GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107131)            |                      |             |             |             |             |             | 1           |             |             |             |             |             |
| 5126625                                                                                                                                                                                                                             | * GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107127)            |                      |             |             |             |             |             |             | 1           |             |             |             |             |
| 5127064                                                                                                                                                                                                                             | * GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107130)            |                      |             |             |             |             |             |             |             | 1           |             |             |             |
| 5129135                                                                                                                                                                                                                             | * GOVERNOR ASSY., 2, 3, 4-53<br>(CONSTANT DUAL SPEED) (5129823) |                      |             |             |             |             |             |             |             |             | 1           |             | 1           |
| 5129142                                                                                                                                                                                                                             | * GOVERNOR ASSY., 2, 3, 4-53<br>(VARIABLE) (5107141)            |                      |             |             |             |             |             |             |             |             |             | 1           |             |
| 180083                                                                                                                                                                                                                              | BOLT, 5/16"-18X1 1/2" (12.9001)                                 |                      |             |             |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 186679                                                                                                                                                                                                                              | BOLT, 3/8"-16X1 1/4" (12.9001)                                  |                      |             |             |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 179850                                                                                                                                                                                                                              | BOLT, 3/8"-16X2 3/4" (12.9001)                                  | 6                    | 6           | 6           | 6           |             |             |             |             |             |             |             |             |
| 9414285                                                                                                                                                                                                                             | BOLT, 3/8"-24X7/8" (12 PT. HD.)                                 |                      |             |             |             | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |
| 5145225                                                                                                                                                                                                                             | WASHER, 3/8" COPPER (12.9190)                                   |                      |             |             |             | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |
| 9414322                                                                                                                                                                                                                             | WASHER, 3/8" (12.9190)                                          |                      |             |             |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 103320                                                                                                                                                                                                                              | LOCKWASHER, 5/16" (12.9200)                                     |                      |             |             |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 103321                                                                                                                                                                                                                              | LOCKWASHER, 3/8" (12.9200)                                      | 6                    | 6           | 6           | 6           |             |             |             |             |             |             |             |             |
| * NOT SERVICED, COMPONENTS ARE<br>AVAILABLE; FOR COMPLETE<br>REPLACEMENT USE ASSY. SHOWN IN<br>PARENTHESES.                                                                                                                         |                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 2.7002 - NAME PLATE, GOVERNOR                                                                                                                                                                                                       |                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5122166                                                                                                                                                                                                                             | NAME PLATE, 6V53                                                | 1                    | 1           | 1           |             |             |             |             | 1           |             |             |             |             |
| 145369                                                                                                                                                                                                                              | SCREW, #4X3/16 RED. HD. DR.                                     | 2                    | 2           | 2           |             |             |             |             | 2           |             |             |             |             |
| 2.7010 - GASKET, GOVERNOR TO<br>BLOWER-GOVERNOR DRIVE                                                                                                                                                                               |                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5121345                                                                                                                                                                                                                             | GASKET, 6V53 (TO END PLATE)                                     | 1                    | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5119438                                                                                                                                                                                                                             | GASKET, 6V53 (TO BLOWER)                                        | 1                    | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5116336                                                                                                                                                                                                                             | GASKET, 2,3,4-53                                                |                      |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                        |         |                                                                                         | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|-------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                         | NUMBER  | NAME AND DESCRIPTION                                                                    | 5<br>1<br>2 | 5<br>1<br>3 | 5<br>1<br>4 | 5<br>1<br>5 | 5<br>2<br>2 | 5<br>3<br>0 | 5<br>3<br>1 | 5<br>3<br>2 | 5<br>4<br>5 | 5<br>5<br>4 | 5<br>6<br>2 | 5<br>6<br>4 |
| 2.7045 - COVER ASSY., GOVERNOR-COMplete                     |         |                                                                                         |             |             |             |             |             |             |             |             |             |             |             |             |
| SEE ASSEMBLY BREAKDOWN AS INDICATED.                        |         |                                                                                         |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                             | 5126641 | + COVER ASSY., 6V53 (VARIABLE) (PAGE A1) (5103752)                                      | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             |
|                                                             | 5126648 | * COVER ASSY., 6V53 (LIMITING) (PAGE A1)                                                |             |             |             | 1           |             |             |             |             |             |             |             |             |
|                                                             | 5129682 | @ + COVER ASSY., 6V53 (LIMITING) (PAGE B1) (5103748)                                    |             |             |             | 1           |             |             |             |             |             |             |             |             |
|                                                             | 5126428 | + COVER ASSY., 2,3,4-53 (LIMITING) (C & D ENG.) (PAGE A1) (5107124)                     |             |             |             |             | 1           | 1           |             |             |             |             |             |             |
|                                                             | 5126429 | COVER ASSY., 2,3,4-53 (LIMITING) (A & B ENG.) (PAGE A1)                                 |             |             |             |             |             |             | 1           |             |             |             |             |             |
|                                                             | 5126983 | + COVER ASSY., 2,3,4-53 (LIMITING) (C & D ENG.) (PAGE B1) (5107126)                     |             |             |             |             |             |             |             |             | 1           |             |             |             |
|                                                             | 5126433 | COVER ASSY., 2,3,4-53 (VARIABLE AND CONSTANT) (A & B ENG.) (PAGE A1)                    |             |             |             |             |             |             |             | 1           |             | 1           | 1           | 1           |
|                                                             | 5144196 | RETAINER                                                                                |             |             |             |             |             |             |             | 1           |             |             |             |             |
|                                                             | 5101768 | RETAINER                                                                                | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             |
|                                                             | 453007  | SCREW, 1/4"-20X1" (W/LW) (12.9025)                                                      | 1           | 1           | 1           |             |             |             |             | 1           |             |             |             |             |
| 5J                                                          | 9417926 | SCREW, 1/4"-20X3/4" FIL. HD. (W/LW) (12.9010)                                           | 6           | 6           | 6           | 7           | 4           | 4           | 4           | 3           | 4           | 4           | 4           | 4           |
|                                                             |         | * THRU 6D-533, NOT SERVICED, COMPONENTS AVAILABLE FOR COMPLETE REPLACEMENT USE 5103748. |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                             |         | @ EFFECTIVE WITH 6D-534. FOR COMPLETE REPLACEMENT USE 5103748.                          |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                             |         | + NOT SERVICED, FOR SERVICE USE PART NUMBER SHOWN IN PARENTHESES.                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7051 - GASKET, GOVERNOR COVER                             |         |                                                                                         |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J                                                          | 5121342 | GASKET, 6V53                                                                            | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5E,H                                                        | 5122742 | GASKET, 2,3,4-53                                                                        |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 2.7095 - SHAFT ASSY., GOVERNOR THROTTLE                     |         |                                                                                         |             |             |             |             |             |             |             |             |             |             |             |             |
| A LEVER AND SHAFT ASSY. INCLUDES PINS IN 2.7170 AND 2.7172. |         |                                                                                         |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                                          | 5125454 | LEVER AND SHAFT ASSY., 2,3,4-53                                                         |             |             |             |             |             |             |             |             |             | 1           |             |             |
| 5K                                                          | 5125453 | LEVER AND SHAFT ASSY., 2,3,4-53                                                         |             |             |             |             |             |             |             |             |             |             | 1           |             |
| 2.7165 - LEVER, GOVERNOR COVER SHUTDOWN SHAFT               |         |                                                                                         |             |             |             |             |             |             |             |             |             |             |             |             |
| 5H,J                                                        | 5183042 | LEVER, 2,3,4-53 (2.9410)                                                                |             |             |             | 1           | 1           | 1           | 1           |             | 1           |             |             |             |
| 5H,J                                                        | 443603  | BOLT, 1/4"-20X3/4" (12.9001)                                                            |             |             |             | 1           |             |             |             |             |             |             |             |             |
| 5H,J                                                        | 179796  | BOLT, 1/4"-20X7/8" (12.9001)                                                            |             |             |             |             | 1           | 1           | 1           |             | 1           |             |             |             |
| 5H,J                                                        | 120380  | LOCKWASHER, 1/4" (12.9200)                                                              |             |             |             | 1           | 1           | 1           | 1           |             | 1           |             |             |             |
| 2.7170 - LEVER, GOVERNOR COVER THROTTLE SHAFT               |         |                                                                                         |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J                                                          | 5151519 | LEVER, 6V53                                                                             | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5E,H                                                        | 5107147 | LEVER, 2, 3, 4-53 (2.9361)                                                              |             |             |             |             | 1           | 1           | 1           | 1           |             | 1           | 1           | 1           |
|                                                             | 5108381 | CLIP (2.9405)                                                                           |             |             | 1           |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| FIG  | PART<br>NUMBER | NAME AND DESCRIPTION                                                      | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|------|----------------|---------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|      |                |                                                                           | 5<br>1<br>2 | 5<br>1<br>3 | 5<br>1<br>4 | 5<br>1<br>5 | 5<br>2<br>2 | 5<br>3<br>0 | 5<br>3<br>1 | 5<br>3<br>2 | 5<br>4<br>5 | 5<br>5<br>4 | 5<br>6<br>2 | 5<br>6<br>4 |
|      |                | <b>2.7170 - LEVER, GOVERNOR COVER THROTTLE<br/>SHAFT (CONT'D)</b>         |             |             |             |             |             |             |             |             |             |             |             |             |
| 5E,J | <b>213546</b>  | BOLT, 1/4"-20X1" (12.9001)                                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             | 1           | 1           | 1           |
| 5E,J | <b>120380</b>  | LOCKWASHER, 1/4" (12.9200)                                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             | 1           | 1           | 1           |
|      |                | <b>2.7230 - HOUSING ASSY., GOVERNOR CONTROL</b>                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J   | <b>5121001</b> | HOUSING ASSY., 6V53 (INCLUDES<br>ITEMS IN 2.7230 THRU 2.7300)             | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5D   | <b>5122756</b> | # HOUSING, 2,3,4-53 (C & D ENGINES)<br>(5144090)                          |             |             |             |             | 1           | 1           |             |             | 1           |             |             |             |
| 5D   | <b>5122757</b> | # HOUSING, 2,3,4-53 (A & B ENGINES)<br>(5144089)                          |             |             |             |             |             |             | 1           | 1           |             | 1           | 1           | 1           |
| 5J   | <b>5116071</b> | PIN, 6V53 (TO CYLINDER BLOCK END<br>PLATE)                                | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5J   | <b>141242</b>  | PIN, DOWEL 3/8"X7/8" (TO BLOWER)<br>(12.9290)                             | 2           | 2           | 2           | 2           |             |             |             |             |             |             |             |             |
| 5J   | <b>5119314</b> | PIN, 3/8"X1.68" 6V53 (CONTROL LINK<br>LEVER SHAFT)                        | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5J   | <b>5150942</b> | PIN, DOWEL 6V53 (COVER ALIGNING)                                          | 2           | 2           | 2           | 2           |             |             |             |             |             |             |             |             |
|      | <b>9417025</b> | PLUG, 1 3/4" EXPANSION (REAR OF<br>HSG.)                                  | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5J   | <b>116337</b>  | PLUG, 1 1/16" EXPANSION (12.9330)                                         | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
|      | <b>9421753</b> | PLUG, 1 1/8" CUP (12.9320)                                                |             |             | 1           | 1           |             |             |             |             |             |             |             |             |
| 5J   | <b>5126069</b> | ADAPTOR, INJECTOR CONTROL LINK<br>BOOT 6V53                               | 2           | 2           | 2           | 2           |             |             |             |             |             |             |             |             |
|      | <b>5116262</b> | ADAPTOR, INJECTOR CONTROL LINK<br>BOOT, 2,3,4-53 (2.7830)                 |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | <b>105451</b>  | GASKET, 3/8" COPPER (12.9360)                                             |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      | <b>113699</b>  | BOLT, 3/8"-24X1/2" (BUFFER SCREW<br>HOLE) (12.9001)                       |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      |                | # NOT SERVICED; USE NUMBER IN<br>PARENTHESES AND INCLUDE 8924749<br>PLUG. |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | <b>2.7250 - SHAFT ASSY., GOVERNOR OPERATING</b>                           |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | INCLUDES ITEMS IN 2.7255, 2.7280,<br>2.7260 AND BEARING IN 2.7300.        |             |             |             |             |             |             |             |             |             |             |             |             |
|      | <b>5121458</b> | SHAFT ASSY., 6V53                                                         | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
|      | <b>5122753</b> | SHAFT ASSY., 2,3,4-53 (A AND B ENG.)                                      |             |             |             |             | 1           | 1           | 1           | 1           |             | 1           | 1           | 1           |
|      | <b>5122752</b> | SHAFT ASSY., 2,3,4-53 (C AND D ENG.)                                      |             |             |             |             |             |             |             |             | 1           |             |             |             |
|      |                | <b>2.7255 - SHAFT, GOVERNOR OPERATING</b>                                 |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J   | <b>5121339</b> | SHAFT, 6V53                                                               | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5D   | <b>5122751</b> | SHAFT, 2,3,4-53                                                           |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |                | <b>2.7257 - TUBE, GOVERNOR OPERATING SHAFT</b>                            |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D,K | <b>5122754</b> | TUBE, 2,3,4-53                                                            |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |                | <b>2.7260 - BEARING, GOVERNOR OPERATING<br/>SHAFT-UPPER</b>               |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D,J | <b>9431894</b> | BEARING                                                                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,J | <b>9421917</b> | SCREW AND LOCKWASHER ASSY.,<br>#10-24X7/16" (12.9025)                     | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | <b>120391</b>  | WASHER, #10 (12.9190)                                                     |             |             | 1           |             |             |             |             | 1           |             |             |             |             |



## 2.7000A MECHANICAL GOVERNOR

|      |             |                                                              | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|------|-------------|--------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | PART NUMBER | NAME AND DESCRIPTION                                         | 5<br>1<br>2 | 5<br>1<br>3 | 5<br>1<br>4 | 5<br>1<br>5 | 5<br>2<br>2 | 5<br>3<br>0 | 5<br>3<br>1 | 5<br>3<br>2 | 5<br>4<br>5 | 5<br>5<br>4 | 5<br>6<br>2 | 5<br>6<br>4 |
|      |             | <b>2.7270 - BEARING, GOVERNOR OPERATING SHAFT-LOWER</b>      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J   | 954987      | BEARING, 6V53                                                | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5D   | 9431887     | BEARING, 2,3,4-53                                            |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,K | 9413284     | RING, SNAP (TO HOUSING)                                      |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |             | <b>2.7280 - LEVER, GOVERNOR OPERATING SHAFT-UPPER</b>        |             |             |             |             |             |             |             |             |             |             |             |             |
|      |             | A LEVER ASSY. INCLUDES PIN IN 2.7300.                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J   | 5116011     | LEVER ASSY., 6V53                                            | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5D   | 5122749     | LEVER ASSY., 2,3,4-53 (C & D ENG.)                           |             |             |             |             | 1           | 1           |             |             | 1           | 1           | 1           | 1           |
| 5D   | 5122750     | LEVER ASSY., 2,3,4-53 (A & B ENG.)                           |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
|      | 5132962     | SCREW, 6V53 (GAP ADJUSTING)                                  | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5D,J | 5150898     | SCREW, 2,3,4-53 (GAP ADJUSTING)                              |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,J | 114492      | LOCKNUT, 1/4"-28 (12.9120)                                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |             | <b>2.7290 - FORK, GOVERNOR OPERATING SHAFT-LOWER</b>         |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J   | 5138335     | FORK, 6V53                                                   | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5D   | 5122741     | FORK, 2,3,4-53                                               |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D   | 9425382     | SCREW, #10-32X5/8" (W/LW)<br>(12.9001)                       |             |             |             |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
|      |             | <b>2.7300 - PIN, GOVERNOR OPERATING SHAFT LEVER</b>          |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J   | 5150943     | PIN, 6V53                                                    | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5D   | 5122746     | PIN, 2,3,4-53                                                |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |             | <b>2.7310 - LEVER AND PIN ASSY., GOVERNOR DIFFERENTIAL</b>   |             |             |             |             |             |             |             |             |             |             |             |             |
|      |             | A LEVER ASSY. INCLUDES PIN IN 2.7315.                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J   | 5124209     | LEVER ASSY., 6V53                                            | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5D   | 5126311     | LEVER ASSY., 2,3,4-53 (LIMITING<br>SPEED)                    |             |             |             |             | 1           | 1           | 1           |             | 1           |             |             |             |
| 5D   | 5122743     | LEVER ASSY., 2,3,4-53 (VARIABLE AND<br>CONSTANT SPEED)       |             |             |             |             |             |             |             | 1           |             | 1           | 1           | 1           |
| 5D,J | 5150941     | WASHER, 21/64"                                               | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,J | 142583      | RETAINER, 13/64" SPRING (12.9640)                            | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |             | <b>2.7315 - PIN, GOVERNOR DIFFERENTIAL LEVER</b>             |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J   | 5150943     | PIN, 6V53 (2.7300)                                           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5D   | 5126310     | PIN, 2,3,4-53 (LIMITING)                                     |             |             |             |             | 1           | 1           | 1           |             | 1           |             |             |             |
| 5D   | 5122745     | PIN, 2,3,4-53(VARIABLE AND<br>CONSTANT)                      |             |             |             |             |             |             |             | 1           |             | 1           | 1           | 1           |
|      |             | <b>2.7317 - LEVER ASSY., GOVERNOR CONTROL LINK OPERATING</b> |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J   | 5121490     | LEVER ASSY., 6V53 (INCLUDES NEEDLE<br>BEARINGS)              | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5J   | 9437946     | BEARING, NEEDLE (2.7440)                                     | 2           | 2           | 2           | 2           |             |             |             |             |             |             |             |             |
| 5J   | 5117693     | PIN, 1.00" L.                                                | 2           | 2           | 2           | 2           |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                                                                                                                                         |           |                                                        | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ..FIG ..                                                                                                                                                                     | NUMBER .. | NAME AND DESCRIPTION ..                                | 5<br>1<br>2 | 5<br>1<br>3 | 5<br>1<br>4 | 5<br>1<br>5 | 5<br>2<br>2 | 5<br>3<br>0 | 5<br>3<br>1 | 5<br>3<br>2 | 5<br>4<br>5 | 5<br>5<br>4 | 5<br>6<br>2 | 5<br>6<br>4 |
| 2.7317 - LEVER ASSY., GOVERNOR CONTROL LINK OPERATING (CONT'D)                                                                                                               |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J                                                                                                                                                                           | 148148    | RETAINER, 1/4" SPRING (12.9460) .....                  | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 5J                                                                                                                                                                           | 5151487   | WASHER (2.7430) .....                                  | 2           | 2           | 2           | 2           |             |             |             |             |             |             |             |             |
| 2.7340 - HOUSING, GOVERNOR WEIGHT                                                                                                                                            |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D,K                                                                                                                                                                         | 5129730   | HOUSING, 2,3,4-53 (C AND D ENGINE) .....               |             |             |             |             | 1           | 1           |             |             | 1           |             |             |             |
| 5D,K                                                                                                                                                                         | 5129731   | HOUSING, 2,3,4-53 (A AND B ENGINE) .....               |             |             |             |             |             |             | 1           | 1           |             | 1           | 1           | 1           |
| 5K                                                                                                                                                                           | 5119127   | BUSHING, 2,3,4-53 (WEIGHT SHAFT<br>END) .....          |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,K                                                                                                                                                                         | 9428477   | PLUG, CUP 15/16" DIA. (3.4030) .....                   |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 2.7350 - SHAFT AND CARRIER ASSY., GOVERNOR WEIGHT                                                                                                                            |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| SEE ASSEMBLY BREAKDOWN PAGE C1.                                                                                                                                              |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                                              | 5122882   | SHAFT AND CARRIER ASSY., 6V53 .....                    | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                                              | 5122883   | SHAFT AND CARRIER ASSY., 6V53 .....                    |             |             | 1           |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                                              | 5133819   | SHAFT AND CARRIER ASSY., 6V53 .....                    |             |             |             | 1           |             |             |             |             |             |             |             |             |
|                                                                                                                                                                              | 5122782   | * SHAFT AND CARRIER ASSY., 2,3,4-53<br>(5100061) ..... |             |             |             |             | 1           | 1           | 1           | 1           | 1           |             |             |             |
|                                                                                                                                                                              | 5122787   | @ SHAFT AND CARRIER ASSY., 2,3,4-53 .....              |             |             |             |             |             |             |             |             |             | 1           | 1           | 1           |
|                                                                                                                                                                              | 5125043   | @ SHAFT AND CARRIER ASSY., 3-53 .....                  |             |             |             |             |             |             |             | 1           |             |             |             |             |
|                                                                                                                                                                              | 110529    | SCREW, #10-24X1/4" FLAT HD. SL.<br>(12.9300) .....     |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| * NOT SERVICED; COMPONENTS ARE<br>AVAILABLE. FOR COMPLETE<br>REPLACEMENT USE ASSY. SHOWN IN<br>PARENTHESES.<br>@ NOT SERVICED, LISTED FOR<br>REFERENCE ONLY. USE COMPONENTS. |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7470 - BEARING, GOVERNOR WEIGHT SHAFT<br>END                                                                                                                               |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J                                                                                                                                                                           | 907674    | BEARING .....                                          | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
| 2.7475 - SPACER, GOVERNOR WEIGHT SHAFT                                                                                                                                       |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B                                                                                                                                                                           | 5122738   | SPACER, 2,3,4-53 (BETWEEN GEAR AND<br>BEARING) .....   |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 2.7520 - COVER, GOVERNOR WEIGHT HOUSING                                                                                                                                      |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                                              | 5152716   | * COVER, 2,3,4-53 (3.4223) .....                       |             |             |             |             |             | 1           | 1           |             |             |             |             |             |
|                                                                                                                                                                              | 186625    | * BOLT, 5/16"-18X7/8" (12.9001) .....                  |             |             |             |             |             | 3           | 3           |             |             |             |             |             |
|                                                                                                                                                                              | 103320    | * LOCKWASHER, 5/16" (12.9200) .....                    |             |             |             |             |             | 3           | 3           |             |             |             |             |             |
| * REQUIRED WHEN FUEL PUMP IS NOT<br>DRIVEN FROM GOVERNOR.                                                                                                                    |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7530 - GASKET, GOVERNOR WEIGHT HOUSING<br>COVER                                                                                                                            |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                                                                                                                                              | 5150193   | * GASKET, 2,3,4-53 (5.1010) .....                      |             |             |             |             |             | 1           | 1           |             |             |             |             |             |
| * REQUIRED WHEN FUEL PUMP IS NOT<br>DRIVEN FROM GOVERNOR.                                                                                                                    |           |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                |         |                                                      | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|-----------------------------------------------------|---------|------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                 | NUMBER  | NAME AND DESCRIPTION                                 | 5<br>1<br>2 | 5<br>1<br>3 | 5<br>1<br>4 | 5<br>1<br>5 | 5<br>2<br>2 | 5<br>3<br>0 | 5<br>3<br>1 | 5<br>3<br>2 | 5<br>4<br>5 | 5<br>5<br>4 | 5<br>6<br>2 | 5<br>6<br>4 |
| 2.7540 - SPRING, GOVERNOR LOW SPEED                 |         |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                  | 5151604 | SPRING, 6V53 (ONE GREEN STRIPE)                      |             |             |             | 1           |             |             |             |             |             |             |             |             |
| 5G                                                  | 5183704 | SPRING, 2,3,4-53 (2 YELLOW STRIPES)                  |             |             |             |             | 1           | 1           | 1           |             | 1           |             |             |             |
| 2.7550 - SPRING, GOVERNOR HIGH SPEED                |         |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                  | 5124415 | SPRING, 2,3,4,6V53(ONE WHITE STRIPE)                 |             |             |             | 1           |             | 1           | 1           |             | 1           |             |             |             |
|                                                     | 5126272 | SPRING, 2,3,4-53 (ONE ORANGE STRIPE)                 |             |             |             |             | 1           |             |             |             |             |             |             |             |
|                                                     | 5129307 | SPRING, 2,3,4-53 (THREE RED STRIPES)                 |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|                                                     | 5129071 | @ SPRING, 2, 3, 4-53 (THREE BLUE STRIPES)            |             |             |             | AR          |             |             |             |             |             |             |             |             |
|                                                     |         | @ OBSOLETE.                                          |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7560 - PLUNGER, GOVERNOR LOW SPEED SPRING         |         |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                  | 5182555 | PLUNGER, 2,3,4-53                                    |             |             |             | 1           |             | 1           | 1           |             | 1           |             |             |             |
|                                                     | 5126135 | PLUNGER, 2,3,4-53                                    |             |             |             |             | 1           |             |             |             |             |             |             |             |
| 2.7563 - PLUNGER, GOVERNOR HIGH SPEED SPRING        |         |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                     | 5125418 | PLUNGER, 2,3,4-53                                    |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
| 2.7570 - SEAT, GOVERNOR LOW SPEED SPRING            |         |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                  | 5150892 | SEAT                                                 |             |             |             | 1           | 1           | 1           | 1           |             | 1           |             |             |             |
| 2.7580 - CAP, GOVERNOR LOW SPEED SPRING             |         |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                  | 5103975 | CAP                                                  |             |             |             | 1           | 1           | 1           | 1           |             | 1           |             |             |             |
| 2.7590 - SCREW, GOVERNOR LOW SPEED SPRING ADJUSTING |         |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                     | 5101432 | PIN, 3.98"L                                          |             |             |             | 1           |             | 1           | 1           |             | 1           |             |             |             |
|                                                     | 5102270 | SCREW, 1/4"-28X1" (12.9076)                          |             |             |             | 1           |             | 1           | 1           |             | 1           |             |             |             |
|                                                     | 5150891 | + SCREW                                              |             |             |             |             | 1           |             |             |             |             |             |             |             |
| 5G                                                  | 114492  | LOCKNUT, 1/4"-28 (12.9120)                           |             |             |             | 1           | 1           | 1           | 1           |             | 1           |             |             |             |
|                                                     |         | + NOT SERVICED, USE (1) EACH OF 5102270 AND 5101798. |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7600 - SHIM, GOVERNOR HIGH SPEED SPRING           |         |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                     | 5150947 | SHIM, .010"                                          |             |             |             |             | AR          |             |             |             |             |             |             |             |
|                                                     | 5151249 | SHIM, .078"                                          |             |             |             |             | AR          |             |             |             |             |             |             |             |
|                                                     | 5123922 | SHIM, .010"                                          |             |             |             |             |             |             |             |             |             | AR          |             | AR          |
|                                                     | 5123923 | SHIM, .100"                                          |             |             |             |             |             |             |             |             |             | AR          |             | AR          |
| 2.7610 - RETAINER, GOVERNOR HIGH SPEED SPRING       |         |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                  | 5182557 | RETAINER                                             |             |             |             | 1           |             | 1           | 1           |             | 1           |             |             |             |
|                                                     | 5174436 | RETAINER                                             |             |             |             |             | 1           |             |             |             |             |             |             |             |
|                                                     | 5113867 | RETAINER                                             |             |             |             |             |             |             |             |             |             | 1           |             | 1           |

## 2.7000A MECHANICAL GOVERNOR

| PART |         | TYPES                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
|------|---------|-----------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                            | 5<br>1<br>2 | 5<br>1<br>3 | 5<br>1<br>4 | 5<br>1<br>5 | 5<br>2<br>2 | 5<br>3<br>0 | 5<br>3<br>1 | 5<br>3<br>2 | 5<br>4<br>5 | 5<br>5<br>4 | 5<br>6<br>2 | 5<br>6<br>4 |
|      |         | 2.7612 - PISTON, GOVERNOR SPEED ADJUSTING                       |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125603 | PISTON                                                          |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      | 5125604 | SPACER, PISTON                                                  |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      | 5133752 | RING, PISTON SEAL                                               |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      |         | 2.7615 - LOCKNUT, GOVERNOR HIGH SPEED<br>SPRING RETAINER        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G   | 5186115 | LOCKNUT                                                         |             |             |             | 1           |             | 1           | 1           |             | 1           |             |             |             |
|      |         | 2.7620 - GUIDE, GOVERNOR SPRING                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5124551 | GUIDE                                                           |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      |         | 2.7630 - COVER, GOVERNOR HIGH SPEED<br>SPRING                   |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5131132 | COVER, 2,3,4-53                                                 |             |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5125449 | COVER, 2,3,4-53                                                 |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      | 179816  | BOLT, 5/16"-18X3/4" (12.9001)                                   |             |             |             |             | 2           |             |             |             |             |             |             |             |
|      | 274386  | BOLT, 5/16"-18X3 1/4" (12.9001)                                 |             |             |             |             |             |             |             |             |             | 2           |             | 2           |
|      | 103320  | LOCKWASHER, 5/16" (12.9200)                                     |             |             |             |             |             |             |             |             |             | 2           |             | 2           |
|      |         | 2.7635 - HOUSING, GOVERNOR HIGH SPEED<br>SPRING ADJUSTING SCREW |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G   | 5182559 | HOUSING, 2,3,4,6V53                                             |             |             |             | 1           |             | 1           | 1           |             | 1           |             |             |             |
|      | 5125419 | HOUSING, 2,3,4-53                                               |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      | 5127189 | RING, PISTON BLOCKING                                           |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      | 445520  | BOLT, 5/16"-18X3 1/2" (12.9001)                                 |             |             |             | 2           |             | 2           | 2           | 2           | 2           |             |             |             |
|      | 103320  | LOCKWASHER, 5/16" (12.9200)                                     |             |             |             | 2           | 2           | 2           | 2           |             | 2           |             |             |             |
|      |         | 2.7650 - GASKET, GOVERNOR HIGH SPEED<br>SPRING COVER            |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G   | 8922593 | GASKET                                                          |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 2           |             | 2           |
|      |         | 2.7655 - SCREW, GOVERNOR HIGH SPEED<br>CONTROL                  |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 9414499 | SCREW, 5/16"-24X1 1/2" SKT. SET<br>(12.9076)                    |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      | 5125450 | PLUG, 5/8" DRILLED HD. (2.7630)                                 |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      | 5156768 | GASKET, 21/32" (COPPER) (4.4170)                                |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
|      |         | 2.7680 - HOUSING ASSY., GOVERNOR VARIABLE<br>SPEED SPRING       |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | SEE ASSEMBLY BREAKDOWN AS<br>INDICATED BELOW.                   |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5126841 | * HOUSING ASSY., 6V53 (5139262) (E1)                            | 1           |             |             |             |             |             |             |             |             |             |             |             |
|      | 5126121 | * HOUSING ASSY., 6V53 (5139263) (E1)                            |             | 1           | 1           |             |             |             |             |             |             |             |             |             |
|      | 5144095 | HOUSING ASSY., 2, 3, 4-53 (F1)                                  |             |             |             |             |             |             |             |             |             |             | 1           |             |
|      | 5144096 | HOUSING ASSY., 3-53                                             |             |             |             |             |             |             |             | 1           |             |             |             |             |
| 5F   | 186270  | BOLT, 5/16"-18X3 1/2" (12.9001)                                 | 2           | 2           | 2           |             |             |             |             |             |             |             | 2           |             |
| 5F   | 103320  | LOCKWASHER, 5/16" (12.9200)                                     | 2           | 2           | 2           |             |             |             |             |             |             |             | 2           |             |

## 2.7000A MECHANICAL GOVERNOR

| PART  |         |                                                                                                                                                     | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|-------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ..FIG | NUMBER  | NAME AND DESCRIPTION                                                                                                                                | 5<br>1<br>2 | 5<br>1<br>3 | 5<br>1<br>4 | 5<br>1<br>5 | 5<br>2<br>2 | 5<br>3<br>0 | 5<br>3<br>1 | 5<br>3<br>2 | 5<br>4<br>5 | 5<br>5<br>4 | 5<br>6<br>2 | 5<br>6<br>4 |
|       |         | <b>2.7680 - HOUSING ASSY., GOVERNOR VARIABLE SPEED SPRING (CONT'D)</b>                                                                              |             |             |             |             |             |             |             |             |             |             |             |             |
|       |         | * NOT SERVICED. COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE ASSEMBLY SHOWN IN PARENTHESES WHICH INCORPORATES A NEW WIDER ROLLER BEARING. |             |             |             |             |             |             |             |             |             |             |             |             |
|       |         | <b>2.7700 - GASKET, GOVERNOR VARIABLE SPEED SPRING HOUSING</b>                                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F    | 8922593 | GASKET (2.7650)                                                                                                                                     | 1           | 1           | 1           |             |             |             |             | 1           |             |             | 1           |             |
|       |         | <b>2.7740 - LEVER, GOVERNOR VARIABLE SPEED CONTROL</b>                                                                                              |             |             |             |             |             |             |             |             |             |             |             |             |
|       | 5125381 | % LEVER                                                                                                                                             | 1           |             |             |             |             |             |             |             |             |             |             |             |
|       | 179796  | BOLT, 1/4"-20X7/8" (12.9001)                                                                                                                        | 1           |             |             |             |             |             |             |             |             |             |             |             |
|       | 120380  | LOCKWASHER, 1/4" (12.9200)                                                                                                                          | 1           |             |             |             |             |             |             |             |             |             |             |             |
|       |         | % OBSOLETE.                                                                                                                                         |             |             |             |             |             |             |             |             |             |             |             |             |
|       |         | <b>2.7760 - SPRING, GOVERNOR VARIABLE SPEED</b>                                                                                                     |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F    | 5127397 | SPRING, 6V53 (TWO LIGHT BLUE STRIPES)                                                                                                               | 1           | 1           | 1           |             |             |             |             | 1           |             |             | 1           |             |
|       |         | <b>2.7770 - PLUNGER, GOVERNOR VARIABLE SPEED SPRING</b>                                                                                             |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F    | 5152938 | PLUNGER, 6V53                                                                                                                                       | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             |
| 5F    | 5162661 | PLUNGER, 2,3,4-53                                                                                                                                   |             |             |             |             |             |             |             | 1           |             |             | 1           |             |
|       |         | <b>2.7780 - GUIDE, GOVERNOR VARIABLE SPEED SPRING PLUNGER</b>                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F    | 5152939 | GUIDE, 6V53                                                                                                                                         | 1           | 1           | 1           |             |             |             |             | 1           |             |             | 1           |             |
|       |         | <b>2.7790 - RETAINER, GOVERNOR VARIABLE SPEED SPRING</b>                                                                                            |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F    | 5137276 | RETAINER                                                                                                                                            | 1           | 1           | 1           |             |             |             |             | 1           |             |             | 1           |             |
|       |         | <b>2.7795 - STOP, GOVERNOR VARIABLE SPEED SPRING RETAINER</b>                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F    | 5171784 | STOP (WITH STEP)                                                                                                                                    | 1           | 1           | 1           |             |             |             |             | 1           |             |             | 1           |             |
| 5F    | 5174430 | STOP (WITH GAP)                                                                                                                                     | 1           | 1           | 1           |             |             |             |             | 1           |             |             | 1           |             |
|       |         | <b>2.7800 - SHIM, GOVERNOR VARIABLE SPEED SPRING</b>                                                                                                |             |             |             |             |             |             |             |             |             |             |             |             |
| 5F    | 5136590 | SHIM, .010"                                                                                                                                         | 6           | 6           | 6           |             |             |             |             | 6           |             |             | 6           |             |
| 5F    | 5136591 | SHIM, .078"                                                                                                                                         | 3           | 3           | 3           |             |             |             |             | 3           |             |             | 3           |             |

## 2.7000A MECHANICAL GOVERNOR

| FIG  | PART<br>NUMBER | NAME AND DESCRIPTION                                           | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|------|----------------|----------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|      |                |                                                                | 5<br>1<br>2 | 5<br>1<br>3 | 5<br>1<br>4 | 5<br>1<br>5 | 5<br>2<br>2 | 5<br>3<br>0 | 5<br>3<br>1 | 5<br>3<br>2 | 5<br>4<br>5 | 5<br>5<br>4 | 5<br>6<br>2 | 5<br>6<br>4 |
|      |                | <b>2.7810 - SCREW ASSY., GOVERNOR BUFFER</b>                   |             |             |             |             |             |             |             |             |             |             |             |             |
| 5J   | 5126073        | SCREW ASSY., 6V53 (INCLUDES SPRING)                            | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             |
| 5J   | 5172383        | SCREW ASSY., 6V53 (INCLUDES SPRING)                            |             |             |             | 1           |             |             |             |             |             |             |             |             |
| 5D   | 5177083        | SCREW ASSY. 2,3,4-53 (INCLUDES SPRING)                         |             |             |             |             | 1           | 1           | 1           |             | 1           |             | 1           |             |
|      | 5183773        | # SCREW ASSY. 2,3,4-53 (INCLUDES SPRING)                       | 1           | 1           | 1           |             |             |             |             |             | 1           |             | 1           |             |
|      | 5155596        | # WASHER, 5/16" (COPPER) (4.7190)                              | 2           | 2           | 2           |             |             |             |             |             | 2           |             |             |             |
|      | 5174286        | # NUT, 3/8"-24 LOCK (12.9140)                                  | 1           | 1           | 1           |             |             |             |             |             | 1           |             |             | 1           |
|      | 5174286        | NUT, 3/8"-24 LOCK (12.9140)                                    | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
|      | 124925         | NUT, 3/8"-24 (12.9120)                                         |             |             |             |             | 1           | 1           | 1           |             | 1           |             | 1           |             |
|      |                | # USE WITH UPPER CONTROL HOUSING LUBRICATION TUBE ONLY.        |             |             |             |             |             |             |             |             |             |             |             |             |
|      |                | <b>2.7819 - ROD ASSY., GOVERNOR TO INJECTOR LINK</b>           |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5121453        | LINK, 6V53 (LEFT BANK, UPPER)                                  | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
|      | 5121452        | LINK, 6V53 (RIGHT BANK, UPPER)                                 | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
|      | 5121472        | LINK, 6V53 (LOWER)                                             | 2           | 2           | 2           | 2           |             |             |             |             |             |             |             |             |
| 7A   | 5122797        | LINK, 2,3,4-53 (A & C ENG.)                                    |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 7A   | 5122798        | LINK, 2,3,4-53 (B & D ENG.)                                    |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 142583         | RETAINER, SPRING 13/64" (12.9640)                              |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 7A,B | 5147345        | PIN, 1/4"X39/64" CLEVIS (12.9260)                              | 2           | 2           | 2           | 2           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 7A,B | 103361         | PIN, 1/16"X1/2" COTTER (12.9250)                               | 2           | 2           | 2           | 2           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 5150941        | WASHER, 21/64" (2.7310)                                        |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 454750         | NUT, 1/4"-28 LOCK (UPPER TO LOWER LINK) (12.9120)              | 2           | 2           | 2           | 2           |             |             |             |             |             |             |             |             |
|      |                | <b>2.7830 - ADAPTOR, CYLINDER HEAD GOVERNOR CONTROL LINK</b>   |             |             |             |             |             |             |             |             |             |             |             |             |
| 4A   | 5116262        | ADAPTOR (IN HEAD) (PLAIN END)                                  | 2           | 2           | 2           | 2           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |                | <b>2.7834 - BOOT, GOVERNOR TO INJECTOR LINK</b>                |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5129706        | HOSE, 7/8" I.D. X 1.62" L. (RIGHT BANK)                        | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
|      | 5129705        | HOSE, 7/8" I.D. X .76" L. (LEFT BANK OR B & D ENG.)            | 2           | 2           | 2           | 2           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 5129707        | HOSE, 7/8" I.D. X 1.26" L. (A & C ENG.)                        |             |             |             |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 5126072        | HOUSING, LINK (LEFT BANK)                                      | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |
|      | 272855         | CLAMP, HOSE (SPRING, 1 1/4") (A & C ENG.) (12.9660)            | 2           | 2           |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
|      | 5186840        | CLAMP, HOSE (SCREW BANK) (B & D ENG.) (12.9660)                | 2           | 2           | 4           | 2           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |                | <b>2.7890 - TUBE ASSY., GOVERNOR BEARING LUBRICATION</b>       |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5109785        | + * TUBE ASSY. (DEV. L. 10.48") (WEIGHT HOUSING)               | AR          | AR          |             |             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
|      | 5129726        | @ TUBE ASSY. (DEV. L. 11.36") (WEIGHT HOUSING)                 | AR          | AR          |             |             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
|      | 5144695        | TUBE ASSY. (DEV. L. 8.08") (TEE TO CONT. HSG.) (A & B ENGINES) |             |             |             |             |             |             |             | 1           |             |             |             |             |
| 5D   | 5166265        | ELBOW, 1/4" TUBE X 1/8" PIPE 90 DEG. (7.4074)                  | AR          | AR          |             |             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
|      | 8924170        | CONNECTOR, 1/4" TUBE (12.9460)                                 | AR          | AR          |             |             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                       |                                                                                                 | TYPES                |             |             |             |             |             |             |             |             |             |             |             |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                        | NUMBER                                                                                          | NAME AND DESCRIPTION |             |             |             |             |             |             |             |             |             |             |             |
|                                                            |                                                                                                 | 5<br>1<br>2          | 5<br>1<br>3 | 5<br>1<br>4 | 5<br>1<br>5 | 5<br>2<br>2 | 5<br>3<br>0 | 5<br>3<br>1 | 5<br>3<br>2 | 5<br>4<br>5 | 5<br>5<br>4 | 5<br>6<br>2 | 5<br>6<br>4 |
| 2.7890 - TUBE ASSY., GOVERNOR BEARING LUBRICATION (CONT'D) |                                                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5143990                                                    | TEE, 1/4"-1/4" TUBE X 1/8" PIPE (IN WEIGHT HSG.)                                                |                      |             |             |             |             |             |             | 1           |             |             |             |             |
| 443762                                                     | * EXTENSION, 1/8" PIPE (12.9540)<br>* THRU 3D-3391.<br>@ EFFECTIVE WITH 3D-3392.<br>+ OBSOLETE. | AR                   | AR          |             |             | AR          | AR          | AR          | AR          | AR          | AR          | AR          | AR          |
| 2.7910 - SPRING, GOVERNOR THROTTLE LEVER RETURN            |                                                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5129711                                                    | SPRING, 6V53 (TORSION)                                                                          | 1                    | 1           | 1           |             |             |             |             |             |             |             |             |             |
| 5147598                                                    | SPRING, 2,3,4-53 (TORSION) (A & B ENG.)                                                         |                      |             |             |             |             |             |             |             |             | 1           | 1           | 1           |
| 2.7920 - VALVE, GOVERNOR DUAL SPEED CONTROL SOLENOID       |                                                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5124545                                                    | VALVE (220V., AC)                                                                               |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 132908                                                     | BOLT, #10-32X1/2" (12.9025)                                                                     |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 120217                                                     | LOCKWASHER, #10 (12.9200)                                                                       |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 120614                                                     | NUT, #10-32 (12.9120)                                                                           |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 2.7922 - BRACKET, GOVERNOR SOLENOID VALVE MOUNTING         |                                                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5125991                                                    | BRACKET                                                                                         |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 179837                                                     | BOLT, 3/8"-16X3/4" (12.9001)                                                                    |                      |             |             |             |             |             |             |             |             |             |             | 2           |
| 103321                                                     | LOCKWASHER, 3/8" (12.9200)                                                                      |                      |             |             |             |             |             |             |             |             |             |             | 2           |
| 2.7925 - TUBE, SOLENOID VALVE SUPPLY                       |                                                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5125882                                                    | TUBE ASSY.                                                                                      |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 8924215                                                    | ELBOW, 90 DEG.-5/16" INV. FL. TUBE (12.9480)                                                    |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 8924153                                                    | ELBOW, 90 DEG.-5/16" INV. FL. TUBE (12.9480)                                                    |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 2.7927 - TUBE, SOLENOID VALVE TO GOVERNOR                  |                                                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 5125932                                                    | TUBE ASSY.                                                                                      |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 8924215                                                    | ELBOW, 90 DEG.-5/16" INV. FL. TUBE (12.9480)                                                    |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 8925609                                                    | CONNECTOR, 5/16" INV. FL. TUBE (12.9460)                                                        |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 2.7928 - CLIP, SOLENOID VALVE TUBE                         |                                                                                                 |                      |             |             |             |             |             |             |             |             |             |             |             |
| 3223241                                                    | CLIP (2.5220)                                                                                   |                      |             |             |             |             |             |             |             |             |             |             | 2           |
| 123435                                                     | BOLT, 1/4"-28X5/8" (12.9001)                                                                    |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 103319                                                     | LOCKWASHER, 1/4" (12.9200)                                                                      |                      |             |             |             |             |             |             |             |             |             |             | 1           |
| 121902                                                     | NUT, 1/4"-28 (12.9120)                                                                          |                      |             |             |             |             |             |             |             |             |             |             | 1           |

## 2.7000A MECHANICAL GOVERNOR

| PART  |         | TYPES                                                                                                  |     |     |     |     |     |     |     |     |     |     |     |     |
|-------|---------|--------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ..FIG | NUMBER  | NAME AND DESCRIPTION                                                                                   | 512 | 513 | 514 | 515 | 522 | 530 | 531 | 532 | 545 | 554 | 562 | 564 |
|       |         | 2.7930 - TUBE, SOLENOID VALVE DRAIN                                                                    |     |     |     |     |     |     |     |     |     |     |     |     |
|       | 5129448 | * TUBE ASSY., HEAD TO TEE (DEV. L. 10.54")                                                             |     |     |     |     |     |     |     |     |     |     |     | 1   |
|       | 5126395 | TEE, 1/8" PIPE (7.4596)<br>* NOT SERVICED, USE 5199575 BULK HOSE, (2) 5199588 FITTINGS AND SD-29.      |     |     |     |     |     |     |     |     |     |     |     | 1   |
|       |         | 2.7945 - SEAL, GOVERNOR                                                                                |     |     |     |     |     |     |     |     |     |     |     |     |
|       | 5101140 | SEAL                                                                                                   |     |     |     | AR  | AR  | AR  | AR  | AR  | AR  |     |     |     |
|       |         | 2.7960 - GEAR, GOVERNOR DRIVE                                                                          |     |     |     |     |     |     |     |     |     |     |     |     |
| 5B    | 5116025 | * GEAR, 3, 4-53 RA, RB, LC, LD (R.H. HELIX; 49 TEETH)                                                  |     |     |     |     | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
|       | 5107076 | + GEAR, 3, 4-53 RA, RB, LC, LD (RH HELIX; 56 TEETH)                                                    |     |     |     |     | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
| 5B    | 5116026 | * GEAR, 3, 4-53 RC, RD, LA, LB (L.H. HELIX; 49 TEETH)                                                  |     |     |     |     | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
|       | 5107077 | + GEAR, 3, 4-53 RC, RD, LA, LB (LH HELIX; 56 TEETH)                                                    |     |     |     |     | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
|       | 124546  | KEY, 5/32"X5/8" WOODRUFF (12.9350)                                                                     |     |     |     |     | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
|       | 9434177 | NUT, 5/8"-18 LOCK (12.9140)<br>* THRU 3D-170682 AND 4D-180938.<br>+ EFF. WITH 3D-170683 AND 4D-180939. |     |     |     |     | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |



## 2.7000A MECHANICAL GOVERNOR

| FIG | PART<br>NUMBER | NAME AND DESCRIPTION                                                                                                                                                                                                                | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|-----|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|     |                |                                                                                                                                                                                                                                     | 5<br>7<br>3 | 5<br>8<br>7 | 5<br>8<br>8 | 5<br>8<br>9 | 5<br>9<br>0 | 5<br>9<br>1 | 5<br>9<br>2 | 5<br>9<br>3 | 5<br>9<br>4 | 5<br>9<br>5 | 5<br>9<br>6 | 5<br>9<br>7 |
|     |                | <b>2.7001 - GOVERNOR ASSY.</b>                                                                                                                                                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|     |                | A GOVERNOR ASSY. INCLUDES ITEMS IN<br>2.7002, 2.7045 THRU 2.7810 EXCEPT<br>2.7165, 2.7520, 2.7530 AND 2.7740. CLO<br>SED LINKAGE GOVERNORS DO NOT<br>INCLUDE ITEMS IN 2.7170. 6V-53<br>GOVERNORS DO NOT INCLUDE ITEMS IN<br>2.7470. |             |             |             |             |             |             |             |             |             |             |             |             |
|     | 5126625        | @ GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107127)                                                                                                                                                                                | 1           |             |             |             |             |             |             |             |             |             |             |             |
|     | 5129805        | @ GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107127)                                                                                                                                                                                |             | 1           |             |             |             | 1           |             |             |             |             |             |             |
|     | 5129802        | @ GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107132)                                                                                                                                                                                |             |             | 1           |             |             |             |             |             |             |             |             |             |
|     | 5129803        | @ GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107131)                                                                                                                                                                                |             |             |             | 1           |             |             |             |             |             |             |             |             |
|     | 5138284        | @ GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107128)                                                                                                                                                                                |             |             |             |             | 1           |             |             |             |             |             |             |             |
|     | 5129823        | GOVERNOR ASSY., 2,3,4-53<br>(CONSTANT DUAL SPEED)                                                                                                                                                                                   |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
|     | 5129733        | @ GOVERNOR ASSY., 2,3,4-53 (VARIABLE)<br>(5129737)                                                                                                                                                                                  |             |             |             |             |             |             |             |             | 1           |             |             |             |
|     | 5129734        | @ GOVERNOR ASSY., 2,3,4-53 (VARIABLE)<br>(5129738)                                                                                                                                                                                  |             |             |             |             |             |             |             |             |             | 1           |             |             |
|     | 5129737        | # GOVERNOR ASSY., 2,3,4-53 (VARIABLE)                                                                                                                                                                                               |             |             |             |             |             |             |             |             |             |             | 1           |             |
|     | 5129738        | # GOVERNOR ASSY., 2,3,4-53 (VARIABLE)                                                                                                                                                                                               |             |             |             |             |             |             |             |             |             |             |             | 1           |
|     | 180083         | BOLT, 5/16"-18X1 1/2" (12.9001)                                                                                                                                                                                                     | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
|     | 186679         | BOLT, 3/8"-16X1 1/4" (12.9001)                                                                                                                                                                                                      | 2           | 2           |             | 2           | 2           | 2           | 2           | 2           | 2           | 2           |             |             |
|     | 9426895        | BOLT, 3/8"-16X1 1/4" 12 PT. HD.<br>(12.9005)                                                                                                                                                                                        |             |             |             |             |             |             |             |             |             |             | 2           | 2           |
|     | 9414285        | BOLT, 3/8"-24X7/8" (12 PT. HD.)                                                                                                                                                                                                     | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |
|     | 5145225        | WASHER, 3/8" COPPER (12.9190)                                                                                                                                                                                                       | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |
|     | 9414322        | WASHER, 3/8" (12.9190)                                                                                                                                                                                                              | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
|     | 103320         | LOCKWASHER, 5/16" (12.9200)                                                                                                                                                                                                         | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
|     |                | @ NOT SERVICED, COMPONENTS ARE<br>AVAILABLE; FOR COMPLETE<br>REPLACEMENT USE ASSY. SHOWN IN<br>PARENTHESES.                                                                                                                         |             |             |             |             |             |             |             |             |             |             |             |             |
|     |                | # ALSO INCLUDES ITEMS IN 2.7975,<br>2.7980 AND 2.7982.                                                                                                                                                                              |             |             |             |             |             |             |             |             |             |             |             |             |
|     |                | <b>2.7002 - NAME PLATE, GOVERNOR</b>                                                                                                                                                                                                |             |             |             |             |             |             |             |             |             |             |             |             |
|     | 5105180        | NAME PLATE (PORTUGUESE)                                                                                                                                                                                                             |             |             | 1           | 1           | 1           |             |             |             |             |             |             |             |
|     | 5122166        | NAME PLATE                                                                                                                                                                                                                          |             |             | 1           | 1           | 1           | 1           |             |             |             |             |             |             |
|     | 145369         | SCREW, #4X3/16" RED. HD. DR.                                                                                                                                                                                                        |             |             | 2           | 2           | 2           | 2           |             |             |             |             |             |             |
|     |                | <b>2.7010 - GASKET, GOVERNOR TO<br/>BLOWER-GOVERNOR DRIVE</b>                                                                                                                                                                       |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B  | 5116336        | GASKET                                                                                                                                                                                                                              | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|     |                | <b>2.7045 - COVER ASSY., GOVERNOR-COMPLETE</b>                                                                                                                                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|     |                | SEE ASSEMBLY BREAKDOWN AS<br>INDICATED.                                                                                                                                                                                             |             |             |             |             |             |             |             |             |             |             |             |             |
|     | 5126428        | % COVER ASSY., 2, 3, 4-53 (LIMITING) (C &<br>D ENG.) (PAGE A1) (5107124)                                                                                                                                                            |             |             | 1           |             | 1           |             |             |             |             |             |             |             |
|     | 5126429        | COVER ASSY., 2,3,4-53 (LIMITING) (A &<br>B ENG.) (PAGE A1)                                                                                                                                                                          | 1           | 1           |             | 1           |             | 1           |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                      |         |                                                                      | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|-----------------------------------------------------------|---------|----------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                       | NUMBER  | NAME AND DESCRIPTION                                                 | 5<br>7<br>3 | 5<br>8<br>7 | 5<br>8<br>8 | 5<br>8<br>9 | 5<br>9<br>0 | 5<br>9<br>1 | 5<br>9<br>2 | 5<br>9<br>3 | 5<br>9<br>4 | 5<br>9<br>5 | 5<br>9<br>6 | 5<br>9<br>7 |
| 2.7045 - COVER ASSY., GOVERNOR-COMPLETE (CONT'D)          |         |                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                           | 5107138 | COVER ASSY., 2,3,4-53 (VARIABLE AND CONSTANT) (A & B ENG.) (PAGE A1) |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
| 5J                                                        | 9417926 | SCREW, 1/4"-20X3/4" FIL. HD. (W/LW) (12.9010)                        | 4           | 4           | 4           | 4           | 4           | 4           | 4           | 4           |             |             |             |             |
|                                                           |         | % NOT SERVICED, FOR SERVICE USE PART NUMBER SHOWN IN PARENTHESES.    |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7051 - GASKET, GOVERNOR COVER                           |         |                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5E,H                                                      | 5122742 | GASKET                                                               | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 2.7095 - SHAFT ASSY., GOVERNOR THROTTLE                   |         |                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                           |         | A LEVER AND SHAFT ASSY. INCLUDES PINS IN 2.7170 AND 2.7172.          |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                                        | 5125454 | LEVER AND SHAFT ASSY., 2,3,4-53                                      |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
| 5K                                                        | 5125453 | LEVER AND SHAFT ASSY., 2,3,4-53                                      |             |             |             |             |             |             |             |             | 1           |             | 1           |             |
| 2.7165 - LEVER, GOVERNOR COVER SHUTDOWN SHAFT             |         |                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5H,J                                                      | 5183042 | LEVER (2.9410)                                                       | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |
| 5H,J                                                      | 443603  | BOLT, 1/4"-20X3/4" (12.9001)                                         |             | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |
| 5H,J                                                      | 179796  | BOLT, 1/4"-20X7/8" (12.9001)                                         | 1           |             |             |             |             |             |             |             |             |             |             |             |
| 5H,J                                                      | 120380  | LOCKWASHER, 1/4" (12.9200)                                           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |
| 2.7170 - LEVER, GOVERNOR COVER THROTTLE SHAFT             |         |                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5E,H                                                      | 5120069 | LEVER, 2,3,4-53 (2.9340)                                             |             |             | 1           | 1           |             |             |             |             |             |             |             |             |
| 5E,H                                                      | 5107147 | LEVER, 2,3,4-53 (2.9340)                                             |             |             |             |             | 1           | 1           | 1           | 1           |             |             |             |             |
|                                                           | 5100082 | LEVER, 2,3,4-53                                                      | 1           | 1           |             |             |             |             |             |             |             |             |             |             |
| 5K                                                        | 455734  | PIN, 1/8"X3/4" (12.9300)                                             |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 5K                                                        | 5124976 | BOLT, EYE                                                            |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 5E,J                                                      | 213546  | BOLT, 1/4"-20X1" (12.9001)                                           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 5E,J                                                      | 120380  | LOCKWASHER, 1/4" (12.9200)                                           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 5K                                                        | 114493  | LOCKNUT, 5/16" (2.7170)                                              |             |             |             |             |             |             |             |             | 2           | 2           | 2           | 2           |
| 2.7172 - BRACKET, GOVERNOR THROTTLE SPEED ADJUSTING SHAFT |         |                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                                        | 5125063 | BOLT, ADJUSTING                                                      |             |             |             |             |             |             |             |             | 2           | 2           | 2           | 2           |
|                                                           | 455734  | PIN, 1/8"X3/4" SPRING (12.9300)                                      |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 5K                                                        | 103089  | NUT, #12-24 (12.9120)                                                |             |             |             |             |             |             |             |             | 2           | 2           | 2           | 2           |
| 2.7174 - SPRING, GOVERNOR THROTTLE SPEED ADJUSTING        |         |                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                                        | 5125426 | SPRING (RED PAINT)                                                   |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 5K                                                        | 5147287 | SPRING (WHITE PAINT)                                                 |             |             |             |             |             |             |             |             |             |             | 1           | 1           |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                |           |                                                                           | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|-----------------------------------------------------|-----------|---------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ..FIG ..                                            | NUMBER .. | NAME AND DESCRIPTION ..                                                   | 5<br>7<br>3 | 5<br>8<br>7 | 5<br>8<br>8 | 5<br>8<br>9 | 5<br>9<br>0 | 5<br>9<br>1 | 5<br>9<br>2 | 5<br>9<br>3 | 5<br>9<br>4 | 5<br>9<br>5 | 5<br>9<br>6 | 5<br>9<br>7 |
| 2.7230 - HOUSING ASSY., GOVERNOR CONTROL            |           |                                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                  | 5122756   | # HOUSING, 2,3,4-53 (C & D ENGINES)<br>(5144090)                          |             |             | 1           |             | 1           |             |             |             |             |             |             |             |
| 5D                                                  | 5122757   | # HOUSING, 2,3,4-53 (A & B ENGINES)<br>(5144089)                          | 1           | 1           |             | 1           |             | 1           | 1           | 1           |             |             |             |             |
| 5D                                                  | 5125674   | HOUSING ASSY., 2,3,4-53 (C & D ENG.)<br>(INCLUDES BUSHINGS)               |             |             |             |             |             |             |             |             | 1           |             | 1           |             |
| 5K                                                  | 5125675   | HOUSING ASSY., 2,3,4-53 (A & B ENG.)<br>(INCLUDES BUSHINGS)               |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
| 5K                                                  | 5125052   | BUSHING                                                                   |             |             |             |             |             |             |             |             | 2           | 2           | 2           | 2           |
|                                                     | 5116262   | ADAPTOR, INJECTOR CONTROL LINK<br>BOOT (2.7830)                           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
|                                                     | 105451    | GASKET, 3/8" COPPER (12.9360)                                             |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
|                                                     | 113699    | BOLT, 3/8"-24X1/2" (BUFFER SCREW<br>HOLE) (12.9001)                       |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
|                                                     |           | # NOT SERVICED; USE NUMBER IN<br>PARENTHESES AND INCLUDE 8924749<br>PLUG. |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7250 - SHAFT ASSY., GOVERNOR OPERATING            |           |                                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                     |           | INCLUDES ITEMS IN 2.7255, 2.7280,<br>2.7260 AND BEARING IN 2.7300.        |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                     | 5122753   | SHAFT ASSY., 2,3,4-53 (A AND B ENG.)                                      | 1           | 1           |             | 1           |             | 1           | 1           | 1           |             |             |             |             |
|                                                     | 5122752   | SHAFT ASSY., 2,3,4-53 (C AND D ENG.)                                      |             |             | 1           |             | 1           |             |             |             |             |             |             |             |
|                                                     | 5125190   | SHAFT ASSY., 2,3,4-53 (C AND D ENG.)                                      |             |             |             |             |             |             |             |             | 1           |             | 1           |             |
|                                                     | 5125191   | SHAFT ASSY., 2,3,4-53 (A AND B ENG.)                                      |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
| 2.7255 - SHAFT, GOVERNOR OPERATING                  |           |                                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                  | 5122751   | SHAFT                                                                     | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 5K                                                  | 5123597   | SHAFT (NOT SERVICED SEPARATELY)                                           |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 2.7257 - TUBE, GOVERNOR OPERATING SHAFT             |           |                                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D,K                                                | 5122754   | TUBE                                                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 2.7260 - BEARING, GOVERNOR OPERATING<br>SHAFT-UPPER |           |                                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D,J                                                | 9431894   | BEARING                                                                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 5K                                                  | 9431895   | BEARING                                                                   |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 5K                                                  | 5125154   | SHIELD                                                                    |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 5D,J                                                | 9421917   | SCREW AND LOCKWASHER ASSY.,<br>#10-24X7/16" (12.9025)                     | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 2.7270 - BEARING, GOVERNOR OPERATING<br>SHAFT-LOWER |           |                                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                  | 9431887   | BEARING                                                                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,K                                                | 9413284   | RING, SNAP (TO HOUSING)                                                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5K                                                  | 274844    | RING, SNAP (TO SHAFT)                                                     |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                   |                                                  |                                                        | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|--------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                    | NUMBER                                           | NAME AND DESCRIPTION                                   | 5<br>7<br>3 | 5<br>8<br>7 | 5<br>8<br>8 | 5<br>8<br>9 | 5<br>9<br>0 | 5<br>9<br>1 | 5<br>9<br>2 | 5<br>9<br>3 | 5<br>9<br>4 | 5<br>9<br>5 | 5<br>9<br>6 | 5<br>9<br>7 |
| 2.7280 - LEVER, GOVERNOR OPERATING<br>SHAFT-UPPER      |                                                  |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| A LEVER ASSY. INCLUDES PIN IN 2.7300.                  |                                                  |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                     | 5122749                                          | LEVER ASSY., 2,3,4-53 (C & D ENG.)                     |             |             | 1           |             | 1           |             |             |             |             |             |             |             |
| 5D                                                     | 5122750                                          | LEVER ASSY., 2,3,4-53 (A & B ENG.)                     | 1           | 1           |             | 1           |             | 1           | 1           | 1           |             |             |             |             |
| 5D,J                                                   | 5150898                                          | SCREW (GAP ADJUSTING)                                  | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 5D,J                                                   | 114492                                           | LOCKNUT, 1/4"-28 (12.9120)                             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 2.7290 - FORK, GOVERNOR OPERATING<br>SHAFT-LOWER       |                                                  |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                     | 5122741                                          | FORK                                                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D                                                     | 9425382                                          | SCREW, #10-32X5/8" (W/LW)<br>(12.9001)                 | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| 2.7300 - PIN, GOVERNOR OPERATING SHAFT<br>LEVER        |                                                  |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                     | 5122746                                          | PIN                                                    | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 5K                                                     | 455297                                           | PIN, 5/32"x7/8" (12.9270)                              |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 2.7310 - LEVER AND PIN ASSY., GOVERNOR<br>DIFFERENTIAL |                                                  |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| A LEVER ASSY. INCLUDES PIN IN 2.7315.                  |                                                  |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                     | 5126311                                          | LEVER ASSY., 2,3,4-53 (LIMITING)                       | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |
| 5D                                                     | 5122743                                          | LEVER ASSY., 2,3,4-53 (VARIABLE AND<br>CONSTANT SPEED) |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
| 5D,J                                                   | 5150941                                          | WASHER, 21/64"                                         | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
|                                                        | 9421917                                          | SCREW AND LOCKWASHER ASSY.<br>(12.9025)                |             |             | 1           |             |             |             |             |             |             |             |             |             |
|                                                        | 120391                                           | WASHER, 3/16" (12.9190)                                |             |             | 1           |             |             |             |             |             |             |             |             |             |
| 5D,J                                                   | 142583                                           | RETAINER, 13/64" SPRING (12.9640)                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 2.7315 - PIN, GOVERNOR DIFFERENTIAL LEVER              |                                                  |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D                                                     | 5126310                                          | PIN (LIMITING SPEED)                                   | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |
| 5D                                                     | 5122745                                          | PIN (VARIABLE AND CONSTANT SPEED)                      |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
| 2.7340 - HOUSING, GOVERNOR WEIGHT                      |                                                  |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5D,K                                                   | 5129730                                          | HOUSING (C AND D ENGINE)                               |             |             | 1           |             | 1           |             |             |             | 1           |             | 1           |             |
| 5D,K                                                   | 5129731                                          | HOUSING (A AND B ENGINE)                               | 1           | 1           |             | 1           |             | 1           | 1           | 1           |             | 1           |             | 1           |
| 5K                                                     | 5119127                                          | BUSHING (WEIGHT SHAFT END)                             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D,K                                                   | 9428477                                          | PLUG, CUP 15/16" DIA. (3.4030)                         | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 2.7350 - SHAFT AND CARRIER ASSY.,<br>GOVERNOR WEIGHT   |                                                  |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| SEE ASSEMBLY BREAKDOWN PAGE C1.                        |                                                  |                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
| 5122782                                                | * SHAFT AND CARRIER ASSY., 2,3,4-53<br>(5100061) |                                                        | 1           |             |             |             |             |             |             |             |             |             |             |             |
| 5100061                                                | SHAFT AND CARRIER ASSY., 2,3,4-53                |                                                        |             | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |
| 5125042                                                | @ SHAFT AND CARRIER ASSY., 2,3,4-53              |                                                        |             |             |             |             |             |             | 1           | 1           | 1           | 1           |             |             |
| 5125043                                                | @ SHAFT AND CARRIER ASSY., 2,3,4-53              |                                                        |             |             |             |             |             |             |             |             |             |             | 1           | 1           |
| 110529                                                 | SCREW, #10-24X1/4" SL. (12.9300)                 |                                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |

## 2.7000A MECHANICAL GOVERNOR

| PART |         |                                                                                                           | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|------|---------|-----------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                                                                      | 5<br>7<br>3 | 5<br>8<br>7 | 5<br>8<br>8 | 5<br>8<br>9 | 5<br>9<br>0 | 5<br>9<br>1 | 5<br>9<br>2 | 5<br>9<br>3 | 5<br>9<br>4 | 5<br>9<br>5 | 5<br>9<br>6 | 5<br>9<br>7 |
|      |         | <b>2.7350 - SHAFT AND CARRIER ASSY.,<br/>GOVERNOR WEIGHT (CONT'D)</b>                                     |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | * NOT SERVICED COMPONENTS ARE<br>AVAILABLE FOR COMPLETE<br>REPLACEMENT USE ASSY. SHOWN IN<br>PARENTHESES. |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | @ NOT SERVICED, LISTED FOR<br>REFERENCE ONLY. USE COMPONENTS.                                             |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | <b>2.7475 - SPACER, GOVERNOR WEIGHT SHAFT</b>                                                             |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B   | 5122738 | SPACER (BETWEEN GEAR AND<br>BEARING)                                                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |         | <b>2.7520 - COVER, GOVERNOR WEIGHT HOUSING</b>                                                            |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5152716 | * COVER, 2,3,4-53 (3.4223)                                                                                |             |             |             |             |             |             |             |             |             |             | 1           | 1           |
|      | 186625  | * BOLT, 5/16"-18X7/8" (12.9001)                                                                           |             |             |             |             |             |             |             |             |             |             | 3           | 3           |
|      | 103320  | * LOCKWASHER, 5/16" (12.9200)                                                                             |             |             |             |             |             |             |             |             |             |             | 3           | 3           |
|      |         | * REQUIRED WHEN FUEL PUMP IS NOT<br>DRIVEN FROM GOVERNOR.                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | <b>2.7530 - GASKET, GOVERNOR WEIGHT HOUSING<br/>COVER</b>                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5150193 | * GASKET (5.1010)                                                                                         |             |             |             |             |             |             |             |             |             |             | 1           | 1           |
|      |         | * REQUIRED WHEN FUEL PUMP IS NOT<br>DRIVEN FROM GOVERNOR.                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | <b>2.7540 - SPRING, GOVERNOR LOW SPEED</b>                                                                |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G   | 5183704 | SPRING, 2, 3, 4-53 (2 YELLOW STRIPES)                                                                     | 1           | 1           |             |             |             | 1           |             |             |             |             |             |             |
|      | 5122165 | SPRING, 2, 3, 4-53 (1 BLUE STRIPE)                                                                        |             |             | 1           | 1           | 1           |             |             |             |             |             |             |             |
|      |         | <b>2.7550 - SPRING, GOVERNOR HIGH SPEED</b>                                                               |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5126272 | SPRING, 2,3,4-53 (ONE ORANGE STRIPE)                                                                      | 1           | 1           |             |             | 1           | 1           |             |             |             |             |             |             |
|      | 5129307 | SPRING, 2,3,4-53 (THREE RED STRIPES)                                                                      |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
|      | 5182560 | SPRING, 2,3,4-53 (WIDE RED STRIPE)                                                                        |             |             | 1           | 1           |             |             |             |             |             |             |             |             |
|      | 5129071 | @ SPRING, 2,3,4-53(THREE BLUE STRIPES)                                                                    | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |
|      |         | @ OBSOLETE.                                                                                               |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | <b>2.7560 - PLUNGER, GOVERNOR LOW SPEED<br/>SPRING</b>                                                    |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G   | 5182555 | PLUNGER, 2,3,4-53                                                                                         |             |             | 1           | 1           |             |             |             |             |             |             |             |             |
|      | 5126135 | PLUNGER, 2,3,4-53                                                                                         | 1           | 1           |             |             | 1           | 1           |             |             |             |             |             |             |
|      |         | <b>2.7563 - PLUNGER, GOVERNOR HIGH SPEED<br/>SPRING</b>                                                   |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125418 | PLUNGER                                                                                                   |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
|      |         | <b>2.7570 - SEAT, GOVERNOR LOW SPEED SPRING</b>                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G   | 5150892 | SEAT                                                                                                      | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                                  |         |                                           | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|-------------------------------------------------------|---------|-------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                   | NUMBER  | NAME AND DESCRIPTION                      | 5<br>7<br>3 | 5<br>8<br>7 | 5<br>8<br>8 | 5<br>8<br>9 | 5<br>9<br>0 | 5<br>9<br>1 | 5<br>9<br>2 | 5<br>9<br>3 | 5<br>9<br>4 | 5<br>9<br>5 | 5<br>9<br>6 | 5<br>9<br>7 |
| 2.7580 - CAP, GOVERNOR LOW SPEED SPRING               |         |                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                    | 5103975 | CAP                                       | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |
| 2.7590 - SCREW, GOVERNOR LOW SPEED SPRING ADJUSTING   |         |                                           |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                       | 5101432 | PIN, 3.98"L                               |             |             | 1           | 1           |             |             |             |             |             |             |             |             |
|                                                       | 5102270 | SCREW, 1/4"-28X1" (12.9076)               |             |             | 1           | 1           |             |             |             |             |             |             |             |             |
|                                                       | 5150891 | + SCREW, 2,3,4-53                         | 1           |             |             |             |             |             |             |             |             |             |             |             |
|                                                       | 5130034 | * SCREW, 2,3,4-53                         |             | 1           |             |             | 1           | 1           |             |             |             |             |             |             |
| 5G                                                    | 114492  | LOCKNUT, 1/4"-28 (12.9120)                | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |
|                                                       |         | * NOT SERVICED, USE 5102256 PLUS 5101798. |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                       |         | + NOT SERVICED, USE 5102270 PLUS 5101798. |             |             |             |             |             |             |             |             |             |             |             |             |
| 2.7600 - SHIM, GOVERNOR HIGH SPEED SPRING             |         |                                           |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                       | 5150947 | SHIM, .010"                               | AR          | AR          |             |             | AR          | AR          |             |             |             |             |             |             |
|                                                       | 5151249 | SHIM, .078"                               | AR          | AR          |             |             | AR          | AR          |             |             |             |             |             |             |
|                                                       | 5123922 | SHIM, .010"                               |             |             |             |             |             |             | AR          | AR          |             |             |             |             |
|                                                       | 5123923 | SHIM, .100"                               |             |             |             |             |             |             | AR          | AR          |             |             |             |             |
| 2.7610 - RETAINER, GOVERNOR HIGH SPEED SPRING         |         |                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                    | 5182557 | RETAINER, 2,3,4-53                        |             |             | 1           | 1           |             |             |             |             |             |             |             |             |
|                                                       | 5174436 | RETAINER, 2,3,4-53                        | 1           |             |             |             |             | 1           |             |             |             |             |             |             |
|                                                       | 5113867 | RETAINER, 2,3,4-53                        |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
| 2.7612 - PISTON, GOVERNOR SPEED ADJUSTING             |         |                                           |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                       | 5125603 | PISTON                                    |             |             |             |             |             |             |             | 1           | 1           |             |             |             |
|                                                       | 5125604 | SPACER, PISTON                            |             |             |             |             |             |             |             | 1           | 1           |             |             |             |
|                                                       | 5133752 | RING, PISTON SEAL                         |             |             |             |             |             |             |             | 1           | 1           |             |             |             |
| 2.7615 - LOCKNUT, GOVERNOR HIGH SPEED SPRING RETAINER |         |                                           |             |             |             |             |             |             |             |             |             |             |             |             |
| 5G                                                    | 5186115 | LOCKNUT                                   |             |             | 1           | 1           |             |             |             |             |             |             |             |             |
| 2.7620 - GUIDE, GOVERNOR SPRING                       |         |                                           |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                       | 5124551 | GUIDE                                     |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
| 2.7630 - COVER, GOVERNOR HIGH SPEED SPRING            |         |                                           |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                       | 5131132 | COVER, 2,3,4-53                           | 1           | 1           |             |             | 1           | 1           |             |             |             |             |             |             |
|                                                       | 5125449 | COVER, 2,3,4-53                           |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
|                                                       | 179816  | BOLT, 5/16"-18X3/4" (12.9001)             |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                       | 274386  | BOLT, 5/16"-18X3 1/4" (12.9001)           | 2           |             |             |             |             |             | 2           | 2           |             |             |             |             |
|                                                       | 103320  | LOCKWASHER, 5/16" (12.9200)               |             |             |             |             |             |             | 2           | 2           |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

|      |             |                                                                     | TYPES |     |     |     |     |     |     |     |     |     |     |     |
|------|-------------|---------------------------------------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| FIG  | PART NUMBER | NAME AND DESCRIPTION                                                | 573   | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 |
|      |             | <b>2.7635 - HOUSING, GOVERNOR HIGH SPEED SPRING ADJUSTING SCREW</b> |       |     |     |     |     |     |     |     |     |     |     |     |
| 5G   | 5182559     | HOUSING, 2,3,4-53                                                   |       |     | 1   | 1   |     |     |     |     |     |     |     |     |
|      | 5125419     | HOUSING, 2,3,4-53                                                   |       |     |     |     |     |     | 1   | 1   |     |     |     |     |
|      | 5127189     | RING, PISTON BLOCKING                                               |       |     |     |     |     |     | 1   | 1   |     |     |     |     |
|      | 220623      | BOLT, 5/16"-18X3/4" DRILLED HD.                                     |       | 2   |     |     | 2   | 2   |     |     |     |     |     |     |
|      | 445520      | BOLT, 5/16"-18X3 1/2" (12.9001)                                     |       |     | 2   | 2   |     |     |     |     |     |     |     |     |
|      | 103320      | LOCKWASHER, 5/16" (12.9200)                                         | 2     | 2   | 2   | 2   | 2   | 2   |     |     |     |     |     |     |
|      |             | <b>2.7650 - GASKET, GOVERNOR HIGH SPEED SPRING COVER</b>            |       |     |     |     |     |     |     |     |     |     |     |     |
| 5G   | 8922593     | GASKET                                                              | 1     | 1   | 1   | 1   | 1   | 1   | 2   | 2   |     |     |     |     |
|      |             | <b>2.7655 - SCREW, GOVERNOR HIGH SPEED CONTROL</b>                  |       |     |     |     |     |     |     |     |     |     |     |     |
|      | 9414499     | SCREW, 5/16"-24X1 1/2" SKT. SET (12.9076)                           |       |     |     |     |     |     |     | 1   | 1   |     |     |     |
|      | 5125450     | PLUG, 5/8" SKT. DRILLED HD. (2.7630)                                |       |     |     |     |     |     |     | 1   | 1   |     |     |     |
|      | 5156768     | GASKET, 21/32" (COPPER) (4.4170)                                    |       |     |     |     |     |     |     | 1   | 1   |     |     |     |
|      |             | <b>2.7810 - SCREW ASSY., GOVERNOR BUFFER</b>                        |       |     |     |     |     |     |     |     |     |     |     |     |
| 5D   | 5177083     | SCREW ASSY., 2,3,4-53 (INCLUDES SPRING)                             | 1     |     | 1   | 1   |     |     |     |     | 1   | 1   | 1   | 1   |
| 5D   | 5139678     | SCREW ASSY., 2,3,4-53 (INCLUDES SPRING)                             |       | 1   |     |     |     | 1   | 1   |     |     |     |     |     |
|      | 5183773     | # SCREW ASSY., 2,3,4-53 (INCLUDES SPRING)                           |       |     |     |     |     |     |     |     |     |     |     |     |
|      | 5155596     | # WASHER, 5/16" (COPPER) (4.7190)                                   |       |     |     |     |     |     |     |     | 1   | 1   | 1   | 1   |
|      | 5174286     | # NUT (12.9140)                                                     |       |     |     |     |     |     |     |     | 2   | 2   | 2   | 2   |
|      | 124925      | NUT, 3/8"-24 (12.9120)                                              | 1     | 1   | 1   | 1   | 1   | 1   |     |     | 1   | 1   | 1   | 1   |
|      |             | # USE WITH UPPER CONTROL HOUSING LUBRICATION TUBE ONLY.             |       |     |     |     |     |     |     |     |     |     |     |     |
|      |             | <b>2.7819 - ROD ASSY., GOVERNOR TO INJECTOR LINK</b>                |       |     |     |     |     |     |     |     |     |     |     |     |
| 7A   | 5122797     | LINK, 2,3,4-53 (A & C ENG.)                                         | 1     | 1   | 1   | 1   | 1   | 1   | 1   | 1   |     |     |     |     |
| 7A   | 5122798     | LINK, 2,3,4-53 (B & D ENG.)                                         | 1     | 1   | 1   | 1   | 1   | 1   | 1   | 1   |     |     |     |     |
|      | 5125322     | LINK, 2,3,4-53 (A ENG.)                                             |       |     |     |     |     |     |     |     |     | 1   |     | 1   |
|      | 5125689     | LINK, 2,3,4-53 (B ENG.)                                             |       |     |     |     |     |     |     |     |     | 1   |     | 1   |
|      | 5125323     | LINK, 2,3,4-53 (C ENG.)                                             |       |     |     |     |     |     |     |     |     |     | 1   |     |
|      | 5125688     | LINK, 2,3,4-53 (D ENG.)                                             |       |     |     |     |     |     |     |     | 1   |     | 1   |     |
|      | 5125571     | CLIP, SHUTDOWN CABLE (ON LINK)                                      |       |     |     |     |     |     |     |     | 1   | 1   | 1   | 1   |
|      | 5125518     | JOINT, 1/4" BALL (2.8940)                                           |       |     |     |     |     |     |     |     | 1   | 1   | 1   | 1   |
|      | 142583      | RETAINER, SPRING 13/64" (12.9640)                                   | 1     | 1   | 1   | 1   | 1   | 1   | 1   | 1   |     |     |     |     |
| 7A,B | 114783      | PIN, 1/4"X51/64" CLEVIS (12.9260)                                   | 1     | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
| 7A,B | 103361      | PIN, 1/16"X1/2" COTTER (12.9250)                                    | 1     | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
|      | 5150941     | WASHER, 21/64" (2.7310)                                             | 1     | 1   | 1   | 1   | 1   | 1   | 1   | 1   |     |     |     |     |
|      | 114492      | LOCKNUT, 1/4"-28 (12.9120)                                          |       |     |     |     |     |     |     |     | 1   | 1   | 1   | 1   |
|      |             | <b>2.7820 - LEVER, GOVERNOR TO INJECTOR LINK</b>                    |       |     |     |     |     |     |     |     |     |     |     |     |
| 5K   | 5125278     | LEVER ASSY. (A & B ENG.)                                            |       |     |     |     |     |     |     |     |     | 1   |     | 1   |
| 5K   | 5125277     | LEVER ASSY. (C & D ENG.)                                            |       |     |     |     |     |     |     |     |     | 1   |     | 1   |
| 5K   | 5125107     | SPRING                                                              |       |     |     |     |     |     |     |     |     | 1   | 1   | 1   |
| 5K   | 5122732     | RING, SNAP (2.7150)                                                 |       |     |     |     |     |     |     |     |     | 1   | 1   | 1   |
| 5K   | 5126243     | WASHER, SPRING                                                      |       |     |     |     |     |     |     |     |     | 1   | 1   | 1   |

## 2.7000A MECHANICAL GOVERNOR

|                                                          |                |                                                                                                 | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|----------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG                                                      | PART<br>NUMBER | NAME AND DESCRIPTION                                                                            | 5<br>7<br>3 | 5<br>8<br>7 | 5<br>8<br>8 | 5<br>8<br>9 | 5<br>9<br>0 | 5<br>9<br>1 | 5<br>9<br>2 | 5<br>9<br>3 | 5<br>9<br>4 | 5<br>9<br>5 | 5<br>9<br>6 | 5<br>9<br>7 |
| 2.7830 - ADAPTOR, CYLINDER HEAD GOVERNOR<br>CONTROL LINK |                |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
| 4A                                                       | 5116262        | ADAPTOR (IN HEAD) (PLAIN END)                                                                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 4A                                                       | 5121252        | ADAPTOR (IN HEAD) (HEADED END)                                                                  |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 2.7834 - BOOT, GOVERNOR TO INJECTOR LINK                 |                |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                          | 5129705        | HOSE, 7/8" I.D.X.76" L. (LEFT BANK OR<br>B & D ENG.)                                            | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
|                                                          | 5129707        | HOSE, 7/8" I.D.X.1.26" L. (A & C ENG.)                                                          | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |
| 7A                                                       | 5121385        | BOOT                                                                                            |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
|                                                          | 272855         | CLAMP, HOSE (SPRING, 1 1/4") (A & C<br>ENG.) (12.9660)                                          | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |             |             |             |
|                                                          | 5186840        | CLAMP, HOSE 1 3/16" (12.9660)                                                                   | 1           | 1           |             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 2.7890 - TUBE ASSY., GOVERNOR BEARING<br>LUBRICATION     |                |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                          | 5109785        | + * TUBE ASSY., 2,3,4-53 (DEV. L. 10.48")<br>(WEIGHT HOUSING)                                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                                          | 5129726        | @ TUBE ASSY., 2,3,4-53 (DEV. L. 11.36")<br>(WEIGHT HOUSING)                                     | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5D                                                       | 5144695        | TUBE ASSY., 2,3,4-53 (DEV. L. 8.08)<br>(TEE TO CONTROL HOUSING)(A & B<br>ENG.)                  |             |             |             |             |             |             |             | 1           | 1           |             |             |             |
| 5D                                                       | 5143990        | TEE, 1/4"-1/4" TUBE X 1/8" PIPE (IN<br>WEIGHT HOUSING)                                          |             |             |             |             |             |             |             | 1           | 1           |             |             |             |
| 5D                                                       | 5166265        | ELBOW, 1/4" TUBE X 1/8" PIPE 90<br>DEG. (7.4074)                                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                                          | 8924170        | CONNECTOR, 1/4" TUBE X 1/8" PIPE<br>(12.9460)                                                   | AR          | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                                          | 443762         | * EXTENSION, 1/8" PIPE (12.9540)<br>* EFFECTIVE WITH 3D-3392.<br>@ THRU 3D-3391.<br>+ OBSOLETE. | AR          | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 2.7910 - SPRING, GOVERNOR THROTTLE LEVER<br>RETURN       |                |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                          | 5147598        | SPRING (TORSION) (A & B ENG.)                                                                   |             |             |             |             |             |             | 1           | 1           |             |             |             |             |
| 2.7920 - VALVE, GOVERNOR DUAL SPEED<br>CONTROL SOLENOID  |                |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                          | 5124545        | VALVE (220V., AC)                                                                               |             |             |             |             |             |             | 1           |             |             |             |             |             |
|                                                          | 132908         | BOLT, #10-32X1/2" (12.9025)                                                                     |             |             |             |             |             |             | 1           |             |             |             |             |             |
|                                                          | 120217         | LOCKWASHER, #10 (12.9200)                                                                       |             |             |             |             |             |             | 1           |             |             |             |             |             |
|                                                          | 120614         | NUT, #10-32 (12.9120)                                                                           |             |             |             |             |             |             | 1           |             |             |             |             |             |
| 2.7922 - BRACKET, GOVERNOR SOLENOID VALVE<br>MOUNTING    |                |                                                                                                 |             |             |             |             |             |             |             |             |             |             |             |             |
|                                                          | 5125991        | BRACKET                                                                                         |             |             |             |             |             |             | 1           |             |             |             |             |             |
|                                                          | 179837         | BOLT, 3/8"-16X3/4" (12.9001)                                                                    |             |             |             |             |             |             | 2           |             |             |             |             |             |
|                                                          | 103321         | LOCKWASHER, 3/8" (12.9200)                                                                      |             |             |             |             |             |             | 2           |             |             |             |             |             |



## 2.7000A MECHANICAL GOVERNOR

| PART |         | TYPES                                                                                                                               |             |             |             |             |             |             |             |             |             |             |             |             |
|------|---------|-------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER  | NAME AND DESCRIPTION                                                                                                                | 5<br>7<br>3 | 5<br>8<br>7 | 5<br>8<br>8 | 5<br>8<br>9 | 5<br>9<br>0 | 5<br>9<br>1 | 5<br>9<br>2 | 5<br>9<br>3 | 5<br>9<br>4 | 5<br>9<br>5 | 5<br>9<br>6 | 5<br>9<br>7 |
|      |         | <b>2.7925 - TUBE, SOLENOID VALVE SUPPLY</b>                                                                                         |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125882 | TUBE ASSY. ....                                                                                                                     |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      | 8924215 | ELBOW, 90 DEG.-5/16" INV. FL. TUBE<br>(12.9480) .....                                                                               |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      | 8924153 | ELBOW, 5/16" INV. FL. TUBE (12.9480) .....                                                                                          |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      |         | <b>2.7927 - TUBE, SOLENOID VALVE TO GOVERNOR</b>                                                                                    |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5125932 | TUBE ASSY. ....                                                                                                                     |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      | 8924215 | ELBOW, 90 DEG.-5/16" INV. FL. TUBE<br>(12.9480) .....                                                                               |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      | 8925609 | CONNECTOR, 5/16" INV. FL. TUBE X<br>1/8" PIPE (12.9460) .....                                                                       |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      |         | <b>2.7928 - CLIP, SOLENOID VALVE TUBE</b>                                                                                           |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 3223241 | CLIP (2.5220) .....                                                                                                                 |             |             |             |             |             |             | 2           |             |             |             |             |             |
|      | 123435  | BOLT, 1/4"-28X5/8" (12.9001) .....                                                                                                  |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      | 103319  | LOCKWASHER, 1/4" (12.9200) .....                                                                                                    |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      | 121902  | NUT, 1/4"-28 (12.9120) .....                                                                                                        |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      |         | <b>2.7930 - TUBE, SOLENOID VALVE DRAIN</b>                                                                                          |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5129448 | * TUBE ASSY., HEAD TO TEE (DEV. L.<br>10.54") .....                                                                                 |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      | 5126395 | TEE, 1/8" PIPE (7.4596) .....                                                                                                       |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      |         | * NOT SERVICED, USE 5199575 BULK<br>HOSE, (2) 5199588 FITTINGS AND<br>SD-29.                                                        |             |             |             |             |             |             |             |             |             |             |             |             |
|      |         | <b>2.7945 - SEAL, GOVERNOR</b>                                                                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5101140 | SEAL .....                                                                                                                          | AR          | AR          | AR          | AR          | AR          | AR          |             |             |             |             |             |             |
|      |         | <b>2.7960 - GEAR, GOVERNOR DRIVE</b>                                                                                                |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B   | 5116025 | * GEAR, 3, 4-53 RA, RB, LC, LD (RH HELIX;<br>49 TEETH) .....                                                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 5107076 | + GEAR, 3, 4-53 RA, RB, LC, LD (RH HELIX;<br>56 TEETH) .....                                                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 8927961 | @ GEAR, 3-53 (R.H. HELIX-56 TEETH,<br>STAMPED 8927961) .....                                                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| 5B   | 5116026 | * GEAR, 3, 4-53 RC, RD, LA, LB (LH HELIX;<br>49 TEETH) .....                                                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 5107077 | + GEAR, 3, 4-53 RC, RD, LA, LB (L.H.<br>HELIX: 56 TEETH) .....                                                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 8924991 | @ GEAR, 3-53 (L.H. HELIX-56 TEETH;<br>STAMPED 8924991) .....                                                                        |             |             |             |             |             |             |             |             |             |             | 1           |             |
|      | 124546  | KEY, 5/32"X5/8" WOODRUFF<br>(12.9350) .....                                                                                         | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      | 9434177 | NUT, 5/8"-18 LOCK (12.9140) .....                                                                                                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|      |         | * THRU 3D-170682 AND 4D-180938.<br>+ EFF. WITH 3D-170683 AND<br>4D-180939.<br>@ EFF. WITH 3D-193526 FOR TURBO<br>APPLICATIONS ONLY. |             |             |             |             |             |             |             |             |             |             |             |             |

## 2.7000A MECHANICAL GOVERNOR

| PART                                      |         |                               | TYPES       |             |             |             |             |             |             |             |             |             |             |             |
|-------------------------------------------|---------|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ..FIG                                     | NUMBER  | NAME AND DESCRIPTION          | 5<br>7<br>3 | 5<br>8<br>7 | 5<br>8<br>8 | 5<br>8<br>9 | 5<br>9<br>0 | 5<br>9<br>1 | 5<br>9<br>2 | 5<br>9<br>3 | 5<br>9<br>4 | 5<br>9<br>5 | 5<br>9<br>6 | 5<br>9<br>7 |
| 2.7975 - BRACKET, THROTTLE BOOSTER SPRING |         |                               |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                        | 5125407 | BRACKET (C & D ENG.)          |             |             |             |             |             |             |             |             | 1           |             | 1           |             |
| 5K                                        | 5125408 | BRACKET (A & B ENG.)          |             |             |             |             |             |             |             |             |             | 1           |             | 1           |
| 5K                                        | 122007  | BOLT, 5/16"-18X3/4" (12.9001) |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
|                                           | 120214  | LOCKWASHER, 5/16" (12.9200)   |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 2.7980 - SPRING, THROTTLE BOOSTER         |         |                               |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                        | 5125426 | SPRING (2.7174)               |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
| 2.7982 - EYE, THROTTLE BOOSTER ADJUSTING  |         |                               |             |             |             |             |             |             |             |             |             |             |             |             |
| 5K                                        | 5124976 | SCREW (2.7170)                |             |             |             |             |             |             |             |             | 1           | 1           | 1           | 1           |
|                                           | 120393  | WASHER, 5/16" (12.9190)       |             |             |             |             |             |             |             |             | 2           | 2           | 2           | 2           |
| 5K                                        | 114493  | LOCKNUT, 5/16"-24 (2.7170)    |             |             |             |             |             |             |             |             | 2           | 2           | 2           | 2           |

## 2.7000A MECHANICAL GOVERNOR

| PART |                                                                                                                                                                                                                                     | TYPES                                                |             |             |             |             |             |             |             |             |             |             |             |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIG  | NUMBER                                                                                                                                                                                                                              | NAME AND DESCRIPTION                                 | 5<br>9<br>8 | 5<br>9<br>9 | 6<br>0<br>0 | 6<br>0<br>1 | 6<br>0<br>2 | 6<br>0<br>3 | 6<br>0<br>4 | 6<br>0<br>5 | 6<br>1<br>3 | 6<br>6<br>5 | 6<br>7<br>1 | 6<br>7<br>7 |
|      | 2.7001 - GOVERNOR ASSY.                                                                                                                                                                                                             |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|      | A GOVERNOR ASSY. INCLUDES ITEMS IN<br>2.7002, 2.7045 THRU 2.7810 EXCEPT<br>2.7165, 2.7520, 2.7530 AND 2.7740. CLO<br>SED LINKAGE GOVERNORS DO NOT<br>INCLUDE ITEMS IN 2.7170. 6V-53<br>GOVERNORS DO NOT INCLUDE ITEMS IN<br>2.7470. |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5129806                                                                                                                                                                                                                             | # GOVERNOR ASSY., 2, 3, 4-53 (LIMITING)<br>(5107130) | 1           |             |             |             |             |             |             |             |             |             |             |             |
|      | 5129809                                                                                                                                                                                                                             | # GOVERNOR ASSY. 2, 3, 4-53 (VARIABLE)<br>(5107139)  |             | 1           |             |             |             |             |             |             |             |             |             |             |
|      | 5129810                                                                                                                                                                                                                             | # GOVERNOR ASSY. 2, 3, 4-53 (VARIABLE)<br>(5107142)  |             |             | 1           |             |             |             |             |             |             |             |             |             |
|      | 5129811                                                                                                                                                                                                                             | # GOVERNOR ASSY., 3, 4-53 (VARIABLE)<br>(5107139)    |             |             |             | 1           |             |             |             |             |             |             |             |             |
|      | 5129812                                                                                                                                                                                                                             | # GOVERNOR ASSY., 3, 4-53 (VARIABLE)<br>(5107142)    |             |             |             |             | 1           |             |             |             |             |             |             |             |
|      | 5129813                                                                                                                                                                                                                             | # GOVERNOR ASSY. 2, 3, 4-53 VARIABLE<br>(5107139)    |             |             |             |             |             | 1           |             |             |             |             |             |             |
|      | 5129814                                                                                                                                                                                                                             | # GOVERNOR ASSY. 2, 3, 4-53 VARIABLE<br>(5107142)    |             |             |             |             |             |             | 1           |             |             |             |             |             |
|      | 5129817                                                                                                                                                                                                                             | # GOVERNOR ASSY. 2, 3, 4-53 VARIABLE<br>(5107141)    |             |             |             |             |             |             |             | 1           |             |             |             |             |
|      | 5116006                                                                                                                                                                                                                             | # GOVERNOR ASSY., 6V53 LIMITING<br>(5103783)         |             |             |             |             |             |             |             |             | 1           |             |             |             |
|      | 5129815                                                                                                                                                                                                                             | # GOVERNOR ASSY. 2, 3, 4-53 VARIABLE<br>(5107139)    |             |             |             |             |             |             |             |             |             | 1           |             |             |
|      | 5131362                                                                                                                                                                                                                             | # GOVERNOR ASSY., 2, 3, 4-53 VARIABLE<br>(5107145)   |             |             |             |             |             |             |             |             |             |             | 1           |             |
|      | 5128776                                                                                                                                                                                                                             | # GOVERNOR ASSY., 6V53 (LIMITING)<br>(5103782)       |             |             |             |             |             |             |             |             |             |             |             | 1           |
|      | 180083                                                                                                                                                                                                                              | BOLT, 5/16"-18X1 1/2" (12.9001)                      | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |             | 2           | 2           |             |
|      | 186622                                                                                                                                                                                                                              | BOLT, 3/8"-16X1 1/4" (12.9001)                       | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |             | 2           | 2           |             |
|      | 179850                                                                                                                                                                                                                              | BOLT, 3/8"-16X2 3/4" (12.9001)                       |             |             |             |             |             |             |             |             | 6           |             |             | 6           |
|      | 9414285                                                                                                                                                                                                                             | BOLT, 3/8"-24X7/8" (12 PT. HD.)                      | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |             | 3           | 3           |             |
|      | 5145225                                                                                                                                                                                                                             | WASHER, 3/8" COPPER (12.9190)                        | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |             | 3           | 3           |             |
|      | 9414322                                                                                                                                                                                                                             | WASHER, 3/8" (12.9190)                               | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           |             | 2           | 2           |             |
|      | 103320                                                                                                                                                                                                                              | LOCKWASHER, 5/16" (12.9200)                          | 2           | 2           | 2           | 2           | 2           | 2           | 2           |             | 2           | 2           |             |             |
|      | 103321                                                                                                                                                                                                                              | LOCKWASHER, 3/8" (12.9200)                           |             |             |             |             |             |             |             |             | 6           |             |             | 6           |
|      | # NOT SERVICED, COMPONENTS ARE<br>AVAILABLE FOR COMPLETE<br>REPLACEMENT USE ASSY. SHOWN IN<br>PARENTHESES.                                                                                                                          |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 2.7002 - NAME PLATE, GOVERNOR                                                                                                                                                                                                       |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
|      | 5105180                                                                                                                                                                                                                             | NAME PLATE (PORTUGUESE)                              | 1           |             |             |             |             |             |             |             |             |             |             |             |
|      | 2.7010 - GASKET, GOVERNOR TO<br>BLOWER-GOVERNOR DRIVE                                                                                                                                                                               |                                                      |             |             |             |             |             |             |             |             |             |             |             |             |
| 5B   | 5116336                                                                                                                                                                                                                             | GASKET, 2,3,4-53                                     | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             | 1           | 1           |             |
|      | 5121345                                                                                                                                                                                                                             | GASKET, 6V53 (TO END PLATE)                          |             |             |             |             |             |             |             |             | 1           |             |             | 1           |
| 5J   | 5119438                                                                                                                                                                                                                             | GASKET, 6V53 (TO BLOWER)                             |             |             |             |             |             |             |             |             | 1           |             |             | 1           |