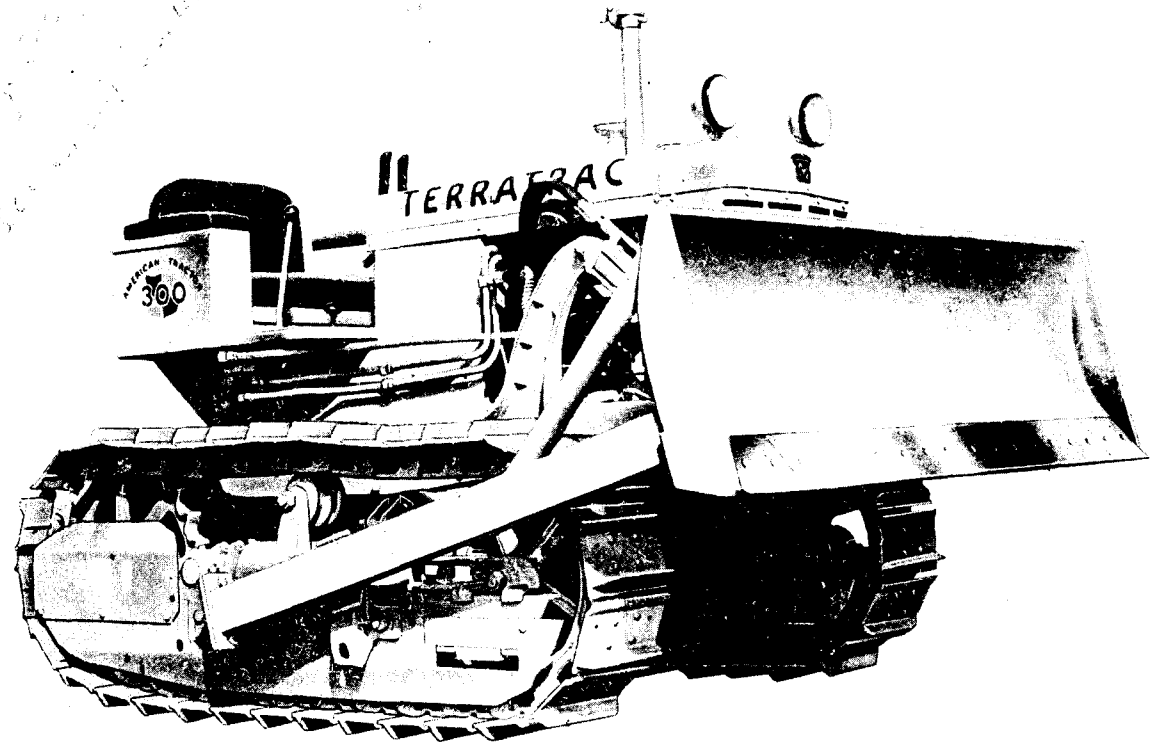



# MODEL "356" TERRATRAC

# CRAWLER TRACTOR

## PARTS CATALOG

No. 1001

CASE

**J. I. CASE CO.**

Est. 1842 Racine, Wisconsin, U. S. A.

# ALPHABETICAL INDEX


A

| | Page |
|---|---|
| Air Cleaner | 50 |
| Ammeter | 36-49 |
| Axle - Drive | 12 |

B

| | |
|---|---|
| Battery Cables | 56 |
| Bearings - Engine | 20-144 |
| Belt Pulley | 120 |
| Block - Engine Cylinder | 18 |
| Brakes | 6 |
| Brake Levers | 45 |
| Breather - Filter | 94-104-116-143 |
| Bushings - Track | 68 |
| Bushings - Camshaft | 144 |

C

| | |
|---|---|
| Camshaft | 23 |
| Carburetor | 30 |
| Carburetor Parts | 146 |
| Chain - Track | 68 |
| Choke - Control | 49 |
| Clutch | 38 |
| Clutch Pedal | 43 |
| Coil - Ignition | 36 |
| Connecting Rods | 20 |
| Counter Weights | 81-84 |
| Crankshaft | 20 |
| Cushion - Seat | 47 |

D

| | |
|---|---|
| Differential | 6-7 |
| Distributor - Ignition | 36 |
| Distributor Parts | 141-142 |
| Dozer - Angle | 99-100 |
| Dozer - Straight | 101-102 |
| Dozer Hydraulics | 103-105 |
| Drawbar | 4 |

E

| | |
|---|---|
| Electrical Parts | 36 |
| Engine - Replacement | 144 |
| Exhaust Pipe | 56 |

F

| | |
|---|---|
| Fan | 26-98 |
| Fan Belt | 26 |
| Fenders | 98 |
| Flywheel | 21 |
| Frame - engine | 4 |
| Fuel Pump | 28 |
| Fuel Strainer | 52 |
| Fuel Strainer Parts | 143 |

G

| | |
|---|---|
| Gasket Kit | 144 |
| Gauge - Oil Pressure | 49 |
| Generator | 36-143 |
| Gear Shift | 10 |
| Governor | 32 |
| Grease Gun | 78 |
| Grousers | 73 |
| Guard - Crankcase | 78 |
| Guard - Hydraulic Valve | 86 |

H

| | Page |
|---|---|
| Head - Engine Cylinder | 16 |
| Heat Indicator | 49 |
| Hood - Engine | 56 |
| Hook - Pull | 78 |
| Hourmeter | 80 |
| Hydraulic Cylinder - Dozers | 104-125-126 |
| Hydraulic Cylinder - Loader Dump | 92-127-128 |
| Hydraulic Cylinder - Loader Lift | 91-121-122 |
| Hydraulic Cylinder - Scarifier | 107-127-128 |
| Hydraulic Cylinder - Three Point Hitch | 114-129-130 |
| Hydraulic Pumps | 94-104-116-135-138 |
| Hydraulic Relief Valve | 94-139-140 |
| Hydraulic Control Valve | 94-104-116-131-134 |

I

| | |
|---|---|
| Ignition Switch | 49 |
| Ignition Wires | 36 |

L

| | |
|---|---|
| Lights | 56 |
| Links - Track | 68 |
| Light Switch | 50 |
| Loader | 90-98 |

M

| | |
|---|---|
| Manifold - Engine | 17 |
| Muffler | 144 |

O

| | |
|---|---|
| Oil Filter - Engine | 34 |
| Oil Gauge - Engine | 49 |
| Oil Pan - Engine | 17 |
| Oil Pump - Engine | 23 |
| Oil Pump Repair Kit | 144 |

P

| | |
|---|---|
| Pins - Track | 68 |
| Pistons | 20 |
| Piston Rings | 20-144 |
| Piston Pins | 144 |
| Pivot Bar | 14 |
| Plates - Side | 14 |

R

| | |
|---|---|
| Radiator | 54 |
| Radiator Guard | 88 |
| Rain Cap - for Exhaust Pipe | 56-78 |
| Rain Cap - for Muffler | 144 |
| Rock Guards | 76 |

S

| | |
|---|---|
| Scarifier | 106-111 |
| Seat - Operators | 47 |
| Service Kits | 144 |
| Spark Plugs | 36 |

# ALPHABETICAL INDEX - CONTINUED


S (Continued) Page

Spring - Leaf . . . . . 66
Spring - Track Recoil . . . . . 58
Sprocket - Track Drive. . . . . 66
Starting Motor. . . . . 36-143
Starter Switch. . . . . .36-49
Switch Ignition . . . . . 49
Switch Light. . . . . 50

T

Tank - Fuel . . . . . 47
Thermostat. . . . . 16
Three Point Hitch . . . . . .112-117
Throttle Control. . . . . 49
Tools . . . . . 70
Torque Tube . . . . . 4
Track Frame . . . . . 58
Track Roller. . . . . 60
Track Shoes . . . . . .73-74
Track Idler Support . . . . . 62
Transmission. . . . . 9-10

U Page

Universal Joint . . . . . 41

V

Valves - Engine . . . . . .23-24
Valves - Exhaust Kit. . . . . 144
Valves - Intake Kit . . . . . 144
Valves - Guide Kit. . . . . 144

W

Water Pump. . . . . 26
Wheel - Track Roller. . . . . 64
Wiring Harness. . . . . 50

# SELL GENUINE CASE PARTS

Emergency stocks of Genuine **CASE** Parts and Supplies carried for quick distribution at the following Branches:

ADVANCE FREIGHT will be added to the price of goods delivered from Branch Houses marked (*)

## BRANCH HOUSES

| | | |
|---|---|---|
| California ..... *Oakland | Minnesota ..... Minneapolis | Oklahoma ..... Oklahoma City |
| Georgia ..... Atlanta | Missouri ..... Kansas City<br>St. Louis | Oregon ..... *Portland |
| Illinois ..... Peoria | Nebraska ..... Omaha | South Dakota .... Sioux Falls |
| Indiana ..... Indianapolis | New York ..... Syracuse | Texas ..... Amarillo<br>Dallas |
| Iowa ..... Des Moines | North Carolina.. Charlotte | Tennessee ..... Memphis |
| Kansas ..... Wichita | North Dakota..... Fargo | Utah ..... *Salt Lake City |
| Maryland ..... Baltimore | Ohio ..... Columbus | Wisconsin ..... Racine |
| Michigan ..... Lansing | | |

## CANADA

Alberta ..... Calgary, Manitoba ..... Winnipeg, Saskatchewan ..... Regina,
Ontario ..... Toronto, Quebec ..... Montreal

# IMPORTANT — Read Carefully

## INSTRUCTIONS FOR ORDERING CASE PARTS

**DO NOT FAIL** to order by correct Part Number.

**ORDER EARLY**—Do not delay ordering until you are about to use the parts.

Orders should plainly specify: Quantity, Number and Description of Part, Post Office Address, Shipping Station, County and State, Manner of Shipment—Parcel Post, Express or Freight. Sign all orders plainly.

If unable to locate number of part to be replaced or if uncertain as to the correct number, send old part to Branch as a sample, transportation charges prepaid, and marked plainly with your name and address so that it may be readily identified.

If it is not practical to send old part to Branch, be sure to give a good description of it and also give the numbers of some of the principal cast parts on the same machine; this will help to identify part.

# INFORMATION

To make it simple as possible to locate the number of parts to be replaced, the parts catalog is divided into sections or groups. Use the index to locate the group in which you you would assume the part would be listed. The numerical index at rear of catalog will indicate the page on which the part number is described.

Look for the number on the old part and notice if the printed description of the number conforms ro the part to be replaced.

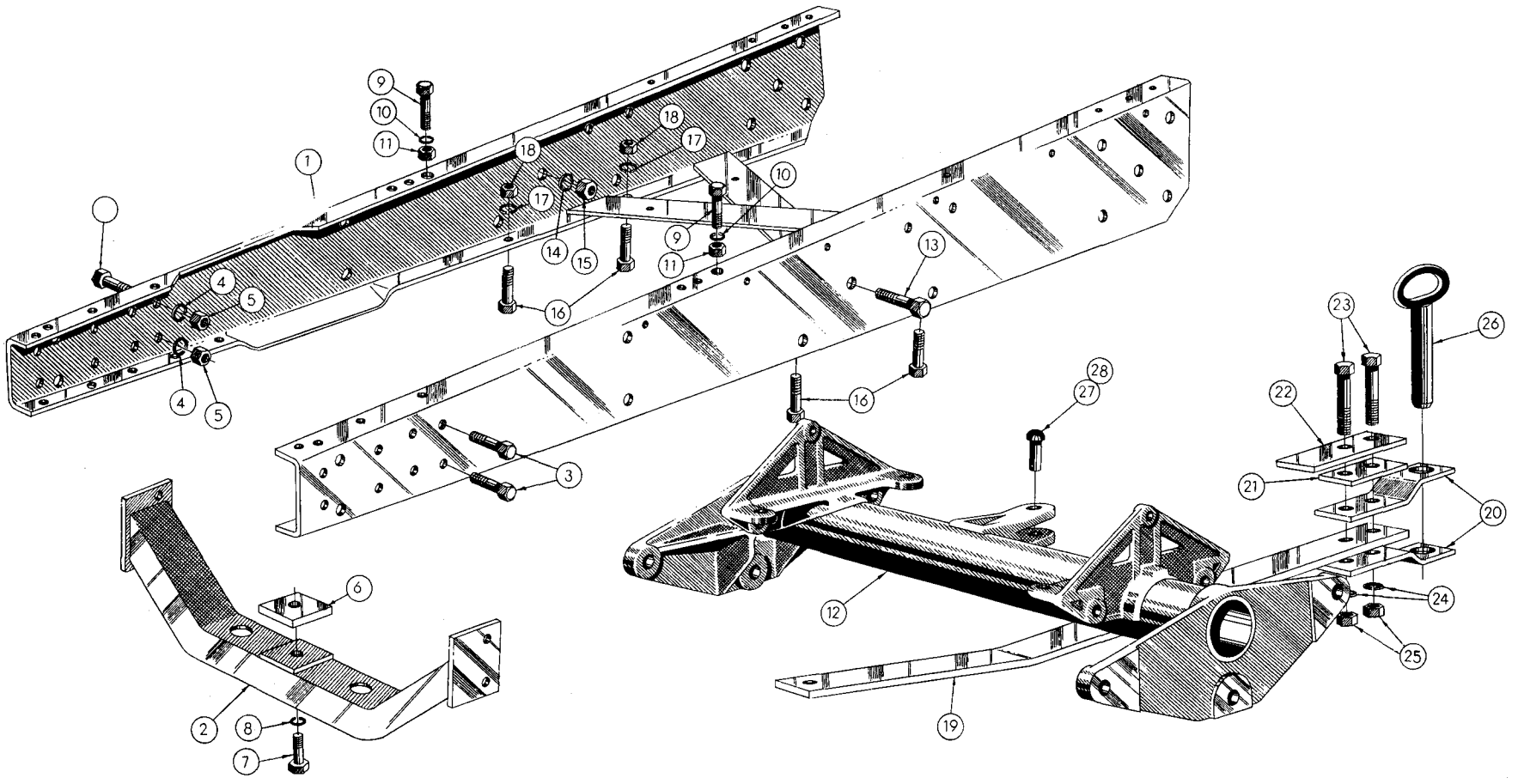
Parts are listed in order by reference number of illustration, followed by a full description, part number and quantity required per tractor.

The illustrations are "Exploded Views" of each unit showing the individual parts clearly and in their normal relationship to one another. This method of illustrating makes it easy to locate parts, whether they are ordered by description or by part number. Reference numbers only are shown in the illustrations. These numbers correspond to those in the reference number column in the list of parts which follows each exploded view.

When ordering parts be sure to include the correct part number, (not the reference number) the description and quantity desired along with the model, serial number and motor number of the tractor.

## UTILITY CODE

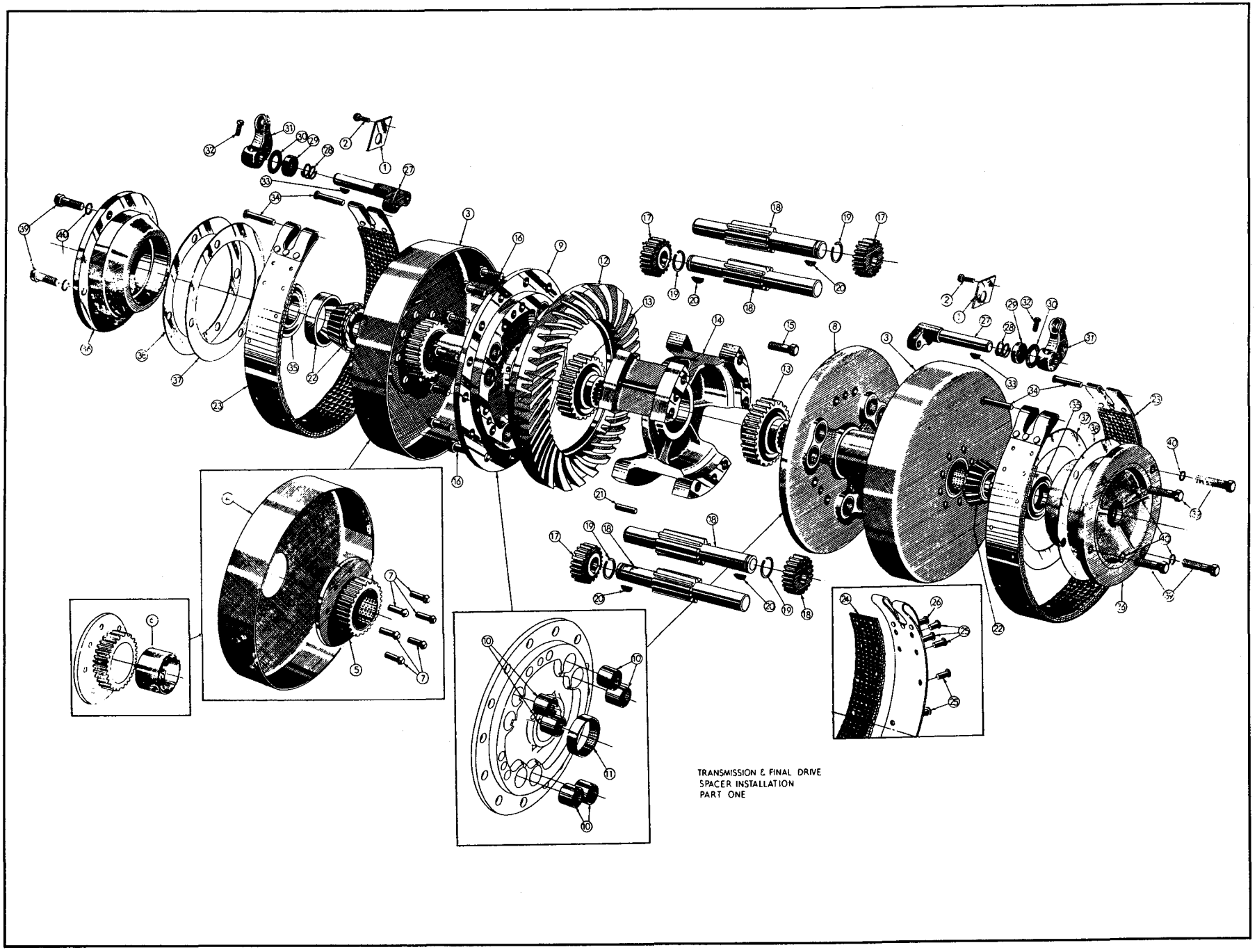
| | | | |
|---|---|---|---|
| Apjaa | Ship on first car. | Ctoba | Parcel post special delivery |
| Atpda | Not in stock. | Ctrda | Mail our dealer at..... |
| Bibga | If not in stock, wire Works to ship. | Ctsea | Mark dealer order number on shipping tags and invoices. |
| Bifka | Freight.....at.....charge us. | | |
| Bigla | Express.....charge us. | Ctufa | Truck open our dealer at..... |
| Bjdba | Mail .....charge us. | Hanba | We have your telegram. |
| Bjgea | Mail open account. | Haoca | We have your letter. |
| Bkdba | Add charges | Hapda | See our letter. |
| Bnkga | Express our dealer at..... | Harea | See our telegram. |
| Bnlha | Freight our dealer at..... | Hasfa | Advise us by wire. |
| Crfsa | Wire, if for any reason immediate shipment cannot be made. | Hatga | Advise us by mail. |
| | | Hdkya | See your letter. |
| Csmza | Charge through account of dealer at..... | Hdlza | See your telegram. |




ENGINE FRAME, TORQUE TUBE, & DRAWBAR INSTALLATION

## ENGINE FRAME, TORQUE TUBE, & DRAWBAR INST.

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 15521 | ENGINE FRAME ASS'Y | 1 |
| 2 | | 30470 | FRONT ENGINE SUPPORT ASS'Y | 1 |
| 3 | | 45708 | HHCS 1/2 - 20 NF X 1-1/2 (30470 MT'G) | 4 |
| 4 | | 48448 | LOCKWASHER - MED. SEC. | 4 |
| 5 | | 48104 | HEX NUT - REG. S.F. | 4 |
| 6 | | 30474 | SPACER - ENGINE MT'G) | 1 |
| 7 | | 45159 | HHCS 5/8 - 11 NC X 1-3/4 (ENGINE MT'G FRONT) | 1 |
| 8 | | 48450 | LOCKWASHER - MED. SEC. | 1 |
| 9 | | 45708 | HHCS 1/2 - 20 NF X 1-1/2 (ENGINE MT'G REAR) | 2 |
| 10 | | 48448 | LOCKWASHER - MED. SEC. | 2 |
| 11 | | 48104 | HEX NUT - REG. S.F. | 2 |
| 12 | | 30815 | TORQUE TUBE ASS'Y | 1 |
| 13 | | 45759 | HHCS 5/8 - 18 NF X 1-3/4 (30815 MT'G) | 2 |
| 14 | | 48450 | LOCKWASHER - MED. SEC. | 2 |
| 15 | | 48106 | HEX NUT - REG. S.F. | 2 |
| 16 | | 45709 | HHCS 1/2 - 20 NF X 1-3/4 (30815 MT'G) | 4 |
| 17 | | 48448 | LOCKWASHER - MED. SEC. | 4 |
| 18 | | 48104 | HEX NUT - REG. S.F. | 4 |
| | 13049 | | DRAWBAR ASS'Y (INC. REF. # 19 THRU 26) | 1 |
| 19 | | 13039 | DRAWBAR - INDUSTRIAL | 1 |
| 20 | | 13043 | HITCH - DRAWBAR | 2 |
| 21 | | 13107 | SPACER - HOOK OVER | 1 |
| 22 | | 13108 | HOOK OVER STRAP - DRAWBAR | 1 |
| 23 | | 45794 | HHCS 3/4 - 16 NF X 4-1/2 (13043, 13107, & 13108 MT'G) | 2 |
| 24 | | 48452 | LOCKWASHER - MED. SEC. | 2 |
| 25 | | 48107 | HEX NUT - REG. S.F. | 2 |
| 26 | | 13073 | HITCH PIN ASS'Y | 1 |
| 27 | | 13044 | PIN (13049 MT'G) | 1 |
| 28 | | 48739 | COTTER PIN - 1/4 DIA. X 2 | 1 |
| | | 13109 | CRAWBAR ASS'Y - AGRICULTURAL (OPTIONAL TO 13049) | |



TRANSMISSION & FINAL DRIVE
SPACER INSTALLATION
PART ONE

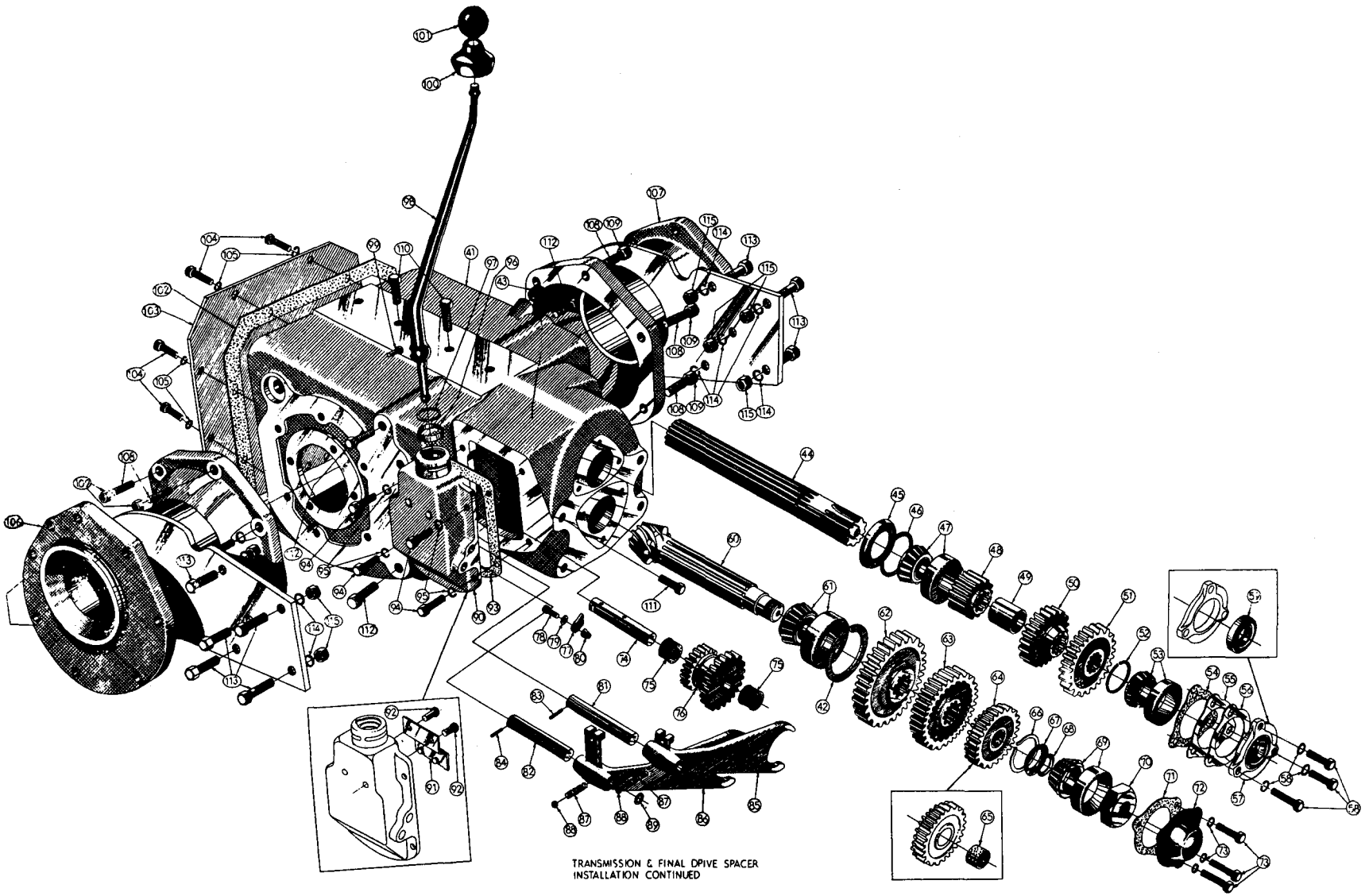
## TRANSMISSION & FINAL DRIVE SPACER INST. - PART I

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 11470 | SPRING ANCHOR | 2 |
| 2 | | 45131 | HHCS 9/16 - 12 NC X 1 (11470 MT'G) | 2 |
| | | 48449 | LOCKWASHER - MED. SEC. | 2 |
| | 11350 | | TRANSMISSION & DIFFERENTIAL INST. (INC. REF. # 3 THRU 102) | 1 |
| | 11404 | | DIFF. & DRUM INST. (INC. REF. # 3 THRU 22) | 1 |
| 3 | | 11286 | BRAKE DRUM, GEAR, & BUSHING ASS'Y (INC. REF. # 4 THRU 7) | 2 |
| 4 | | 11408 | BRAKE DRUM | 1 |
| 5 | | 11287 | GEAR & BUSHING ASS'Y (INC. REF. #6) | 1 |
| 6 | | 11288 | BUSHING - BRAKE DRUM GEAR | 1 |
| 7 | | 11409 | RIVET - BRAKE DRUM | 8 |
| 8 | | 11412 | DIFF. HOUSING ASS'Y - RH (INC. REF. # 10 & 11) | 1 |
| 9 | | 11410 | DIFF. HOUSING ASS'Y - LH (INC. REF. # 10 & 11) | 1 |
| 10 | | 11414 | BUSHING - PLANET PIN | 6 |
| 11 | | 11415 | BUSHING- AXLE SHAFT GEAR | 1 |
| 12 | | 11417 | RING GEAR | 1 |
| 13 | | 11420 | GEAR - AXLE SHAFT | 2 |
| 14 | | 11423 | HOUSING CENTER MEMBER | 1 |
| 15 | | 11424 | SCREW - DIFF. CENTER MEMBER | 12 |
| | | 11416 | LOCKWIRE - CENTER MEMBER SCREW | 6 |
| 16 | | 11421 | SCREW - RING GEAR | 12 |
| | | 11416 | LOCKWIRE - CENTER MEMBER SCREW | 1 |
| 17 | | 11418 | PLANET GEAR | 6 |
| 18 | | 11419 | PLANET PINION | 6 |
| 19 | | 11455 | SNAP RING - PLANET GEAR | 6 |
| 20 | | 48759 | KEY - PLANET GEAR - # 9 SIZE | 6 |
| 21 | | 11422 | DOWEL - DIFF. CENTER MEMBER | 6 |
| 22 | | 11445 | BEARING ASS'Y - DIFF. | 2 |
| 23 | | 11434 | BRAKE BAND & LINING ASS'Y (INC. REF. # 24 THRU 26) | 2 |
| 24 | | 11435 | LINING - BRAKE BAND | 1 |
| 25 | | 11436 | RIVET - BRAKE BAND LINING | 18 |
| 26 | | 11437 | RIVET - BRAKE BAND | 6 |
| 27 | | 11438 | CAM - BRAKE BAND | 2 |
| 28 | | 11439 | SPRING - BRAKE CAM | 2 |
| 29 | | 11431 | OIL SEAL - DIFF. BRAKE CAM | 2 |
| 30 | | 11440 | WASHER - BRAKE CAM | 2 |
| 31 | | 11441 | OUTSIDE BRAKE LEVER | 2 |
| 32 | | 11433 | SCREW - ADJ. ARM & END FORK | 2 |
| 33 | | 48760 | KEY - BRAKE CAM - #11 SIZE | 2 |
| 34 | | 11432 | PIN - BRAKE BAND TO CAM | 4 |
| | | 48683 | COTTER PIN - 3/32 DIA. X 3/4 (BRAKE CAM) | 4 |

TRANSMISSION & FINAL DRIVE SPACER INST. - PART I CONT'D

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | | 11416 | LOCKWIRE - ADJUSTMENT WIRE | 2 |
| 35 | | 11430 | OIL SEAL - DIFFERENTIAL | 2 |
| 36 | | 11425 | BEARING CARRIER - DIFF. | 2 |
| 37 | | 11426 | SHIM - DIFF. BEARING CARRIER (.010) | UAR |
| 38 | | 11427 | SHIM - DIFF. BEARING CARRIER (.005) | 2 |
| 39 | | 45107 | HHCS 1/2 - 13 NC X 1-1/4 (11425 MT'G) | 8 |
| 40 | | 48448 | LOCKWASHER - MED. SEC. | 8 |

MEMORANDUM



TRANSMISSION & FINAL DRIVE SPACER
INSTALLATION CONTINUED

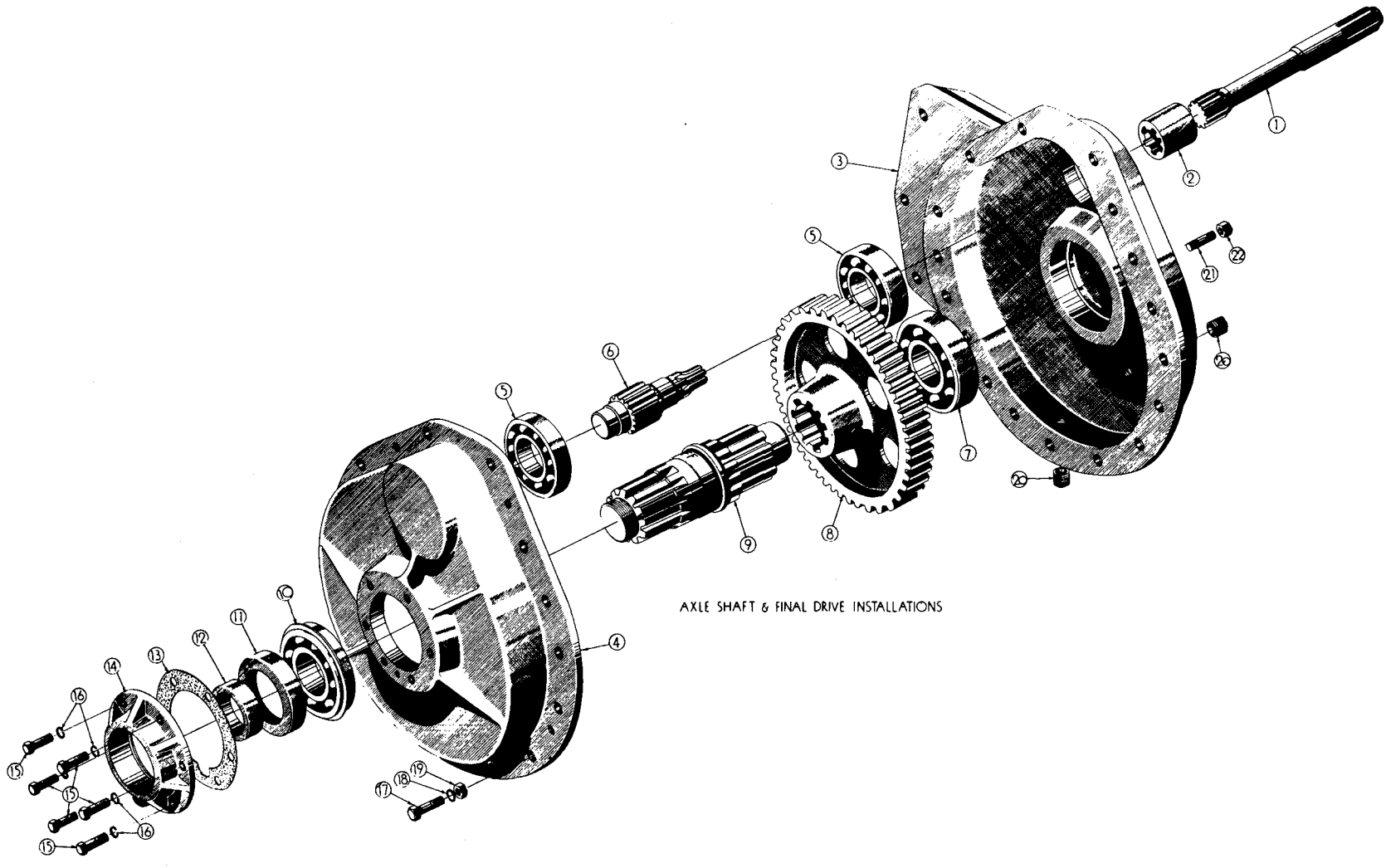
## TRANSMISSION & FINAL DRIVE SPACER INST. - PART II

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 41 | | 11361 | TRANSMISSION CASE ASS'Y (INC. REF. # 42) | 1 |
| 42 | | 11451 | SNAP RING - C/S REAR BEARING | 1 |
| | | 41823 | PLUG - TRANS. CASE DRAIN & OIL LEVEL (NOT SHOWN) | 3 |
| 43 | | 41825 | PLUG - TRANS. CASE FILLER | 1 |
| 44 | | 11362 | MAINSHAFT | 1 |
| 45 | | 11371 | OIL CUP - M/S REAR BEARING | 1 |
| 46 | | 11453 | SNAP RING -M/S REAR BEARING | 1 |
| 47 | | 11449 | BEARING ASS'Y - M/S REAR | 1 |
| 48 | | 11363 | GEAR - M/S LOW & REVERSE | 1 |
| 49 | | 35130 | SPACER - M/S GEAR | 1 |
| 50 | | 11365 | GEAR - M/S 2nd SPEED | 1 |
| 51 | | 11366 | GEAR - M/S CONSTANT MESH | 1 |
| 52 | | 11452 | SNAP RING - M/S | 1 |
| 53 | | 11449 | BEARING ASS'Y - M/S FRONT | 1 |
| 54 | | 11382 | GASKET - M/S FRONT BEARING CAP | 1 |
| 55 | | 11367 | SHIM - M/S FRONT BEARING | UAR |
| 56 | | 11368 | SHIM - M/S FRONT BEARING | UAR |
| 57 | | 11369 | CAP & OIL SEAL ASS'Y (INC. REF. # 59) | 1 |
| 58 | | 23016 | HHCS & LOCKWASHER (3/8 - 16 NC X 1) | 3 |
| 59 | | 11370 | OIL SEAL - M/S FRONT BEARING | 1 |
| 60 | | 11372 | COUNTERSHAFT & BEVEL PINION | 1 |
| 61 | | 11446 | BEARING ASS'Y - C/S REAR | 1 |
| 62 | | 11373 | GEAR - C/S 1st & REVERSE | 1 |
| 63 | | 11374 | GEAR - SLIDING - 2nd & 3rd | 1 |
| 64 | | 11375 | 3rd GEAR & BUSHING ASS'Y (INC. REF. # 65) | 1 |
| 65 | | 11376 | BUSHING - C/S 3rd GEAR | 1 |
| 66 | | 11379 | SNAP RING - C/S FRONT BEARING | 1 |
| 67 | | 11378 | RETAINING WASHER - C/S 3rd GEAR | 1 |
| 68 | | 11377 | SPRING WASHER - C/S 3rd GEAR RETAINING | 1 |
| 69 | | 11448 | BEARING ASS'Y - C/S FRONT | 1 |
| 70 | | 11380 | ADJUSTING NUT - C/S FRONT BEARING | 1 |
| 71 | | 11382 | GASKET - C/S FRONT BEARING CAP | 1 |
| 72 | | 11381 | CAP - C/S FRONT BEARING | 1 |
| 73 | | 11447 | HHCS & LOCKWASHER | 3 |
| 74 | | 34592 | SHAFT ASS'Y - REVERSE IDLER (INC. REF. # 80) | 1 |
| 75 | | 11450 | BEARING - REVERSE IDLER | 2 |
| 76 | | 11383 | GEAR - REVERSE IDLER | 1 |
| 77 | | 11385 | LOCK - REVERSE IDLER SHAFT | 1 |
| 78 | | 45053 | LOCK SCREW - REVERSE IDLER SHAFT (3/8 - 16 NC X 5/8) | 1 |
| 79 | | 48526 | LOCKWASHER - REVERSE IDLER SHAFT | 1 |

TRANSMISSION & FINAL DRIVE SPACER INST. - PART II CONT'D

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 80 | | 34594 | SPECIAL PIPE PLUG - REVERSE IDLER SHAFT | 1 |
| 81 | | 11396 | SHIFT ROD - 1st & REVERSE | 1 |
| 82 | | 11397 | SHIFT ROD - 2nd & 3rd | 1 |
| 83 | | 11398 | LOCK PIN - SHIFT ROD - SHORT | 1 |
| 84 | | 11399 | LOCK PIN - SHIFT ROD - LONG | 1 |
| 85 | | 11400 | SHIFT FORK - 1st & REVERSE | 1 |
| 86 | | 11401 | SHIFT FORK - 2nd & 3rd | 1 |
| 87 | | 11403 | SPRING - MESH LOCK | 2 |
| 88 | | 11402 | BALL - MESH LOCK | 2 |
| 89 | | 11456 | SPACER - 1st & REVERSE SHIFT FORK | 1 |
| 90 | | 11387 | CONTROL COVER & GUIDE ASS'Y (INC. REF. # 91 & 92) | 1 |
| 91 | | 11389 | GUIDE PLATE | 1 |
| 92 | | 11390 | RIVET - SHIFT LEVER GUIDE PLATE | 2 |
| 93 | | 11391 | GASKET - CONTROL COVER TO CASE | 1 |
| 94 | | 45055 | HHCS 3/8 - 16 NC X 7/8 | 4 |
| 95 | | 48446 | LOCKWASHER - MED. SEC. | 4 |
| 96 | | 11393 | PIVOT WASHER - GEAR SHIFT LEVER | 1 |
| 97 | | 11454 | SNAP RING - GEAR SHIFT LEVER | 1 |
| 98 | | 35129 | GEAR SHIFT LEVER | 1 |
| 99 | | 31365 | STAKE PIN - GEAR SHIFT LEVER | 1 |
| 100 | | 11394 | DUST COVER - GEAR SHIFT LEVER | 1 |
| 101 | | 11395 | KNOB - GEAR SHIFT LEVER | 1 |
| 102 | | 11429 | GASKET - DIFF. HOUSING COVER PLATE | 1 |
| 103 | | 32258 | COVER PLATE - DIFF. HOUSING | 1 |
| 104 | | 45082 | HHCS 7/16 - 14 NC X 1-1/4 (32258 MT'G) | 11 |
| 105 | | 48447 | LOCKWASHER - MED. SEC. | 11 |
| 106 | | 11966 | FINAL DRIVE SPACER ASS'Y - RH | 1 |
| 107 | | 11967 | FINAL DRIVE SPACER ASS'Y - LH | 1 |
| | | 32369 | SEAL - FLANGE TO TRANSMISSION (NOT SHOWN) | 2 |
| 108 | | 46505 | STUD - 9/16 X 2-1/2 (11350 MT'G) | 12 |
| 109 | | 11933 | HI NUT - GRIPCO | 12 |
| 110 | | 45131 | HHCS 9/16 - 12 NC X 1 - TOP PLUG | 4 |
| 111 | | 45157 | HHCS 5/8 - 11 NC X 1-1/4 - FRONT PLUG | 1 |
| 112 | | 45182 | HHCS 3/4 - 10 NC X 1-1/4 - SIDE PLUG | 4 |
| 113 | | 45759 | HHCS 5/8 - 18 NF X 1-3/4 (11966 & 11967 MT'G) | 8 |
| 114 | | 48450 | LOCKWASHER - MED. SEC. | 8 |
| 115 | | 48106 | HEX NUT - REG. S.F. | 8 |
| | | 11938 | "O" RING SEAL - F/D OUTER FLANGE (NOT SHOWN) | 2 |

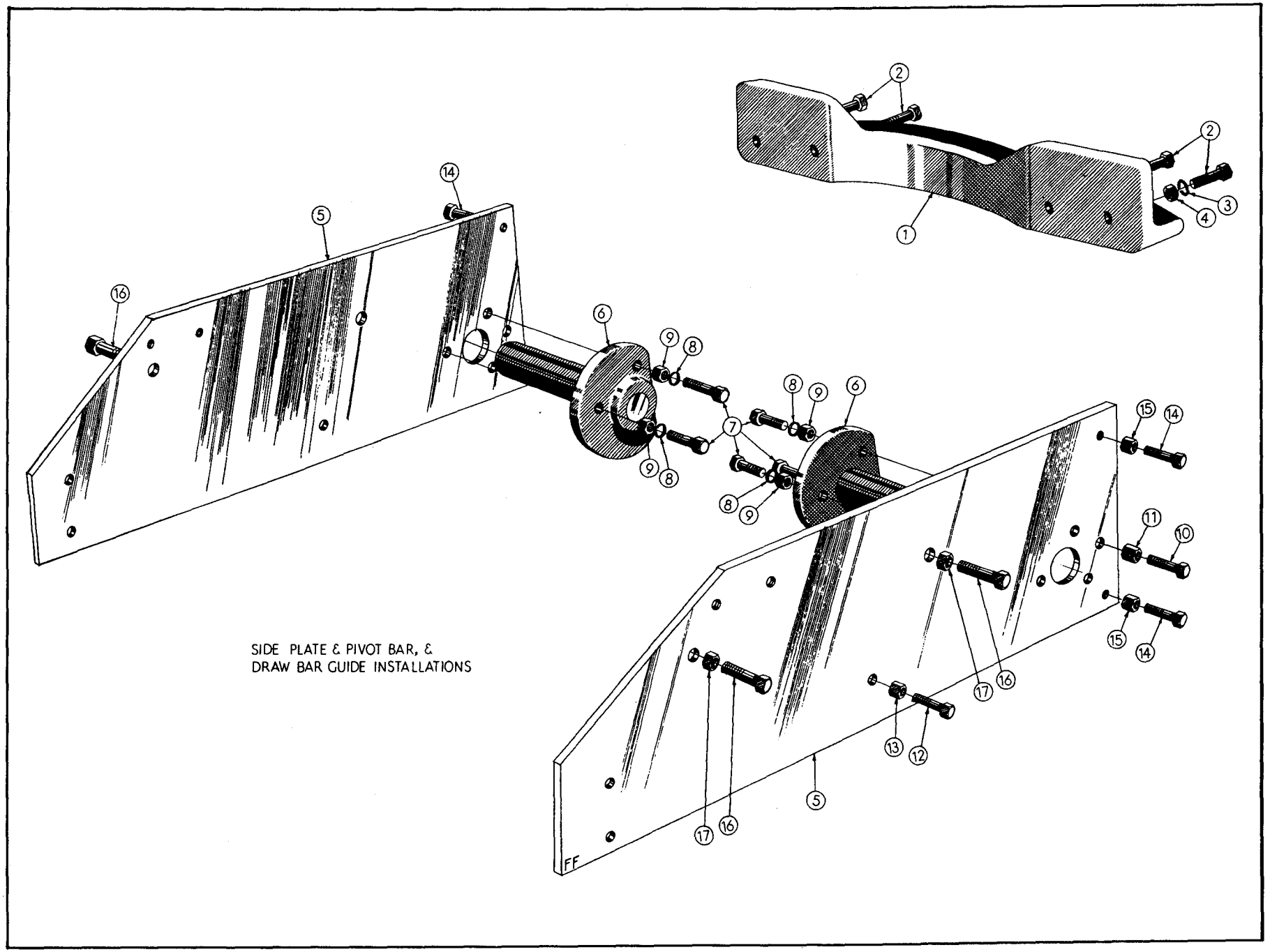
MEMORANDUM




AXLE SHAFT & FINAL DRIVE INSTALLATIONS

## AXLE SHAFT & FINAL DRIVE INSTALLATION

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 11845 | AXLE SHAFT - FINAL DRIVE | 2 |
| 2 | | 11831 | COUPLING - FINAL DRIVE | 2 |
| | 11808 | | FINAL DRIVE INST. RH (INC. REF. #3 THRU 20) | 1 |
| | 11809 | | FINAL DRIVE INST. LH (INC. REF. #3 THRU 20) | 1 |
| 3 | | 11816 | INNER HOUSING - FINAL DRIVE - RH | 1 |
| | | 11817 | INNER HOUSING - FINAL DRIVE - LH | 1 |
| 4 | | 11823 | OUTER HOUSING - FINAL DRIVE | 1 |
| 5 | | 40002 | BEARING - FINAL DRIVE PINION | 2 |
| 6 | | 11832 | PINION - FINAL DRIVE | 1 |
| 7 | | 40003 | BEARING - FINAL DRIVE SHAFT - INNER | 1 |
| 8 | | 11833 | GEAR - FINAL DRIVE | 1 |
| 9 | | 11853 | SHAFT - FINAL DRIVE | 1 |
| 10 | | 40017 | BEARING - FINAL DRIVE SHAFT - OUTER | 1 |
| 11 | | 40610 | OIL SEAL - FINAL DRIVE SHAFT | 1 |
| 12 | | 11824 | SPACER - FINAL DRIVE SHAFT | 1 |
| 13 | | 11828 | GASKET - SEAL RETAINER | 1 |
| 14 | | 11827 | SEAL RETAINER - FINAL DRIVE SHAFT | 1 |
| 15 | | 45057 | HHCS 3/8 - 16 NC X 1-1/4 (11827 MT'G) | 6 |
| 16 | | 48446 | LOCKWASHER - MED. SEC. | 6 |
| 17 | | 47704 | HHCS 7/16 - 20 NF X 1-5/8 (11823 TO 11816-17) | 12 |
| | | 45687 | HHCS 7/16 - 20 NF X 2-1/2 (11823 TO 11816-17) | 5 |
| 18 | | 48447 | LOCKWASHER - MED. SEC. | 17 |
| 19 | | 48103 | HEX NUT - REG. S.F. | 17 |
| 20 | | 41838 | PIPE PLUG - CTS'K HEAD - 1/2 NP | 1 |
| 21 | | 11916 | STUD (11808 & 11809 MT'G) | 16 |
| 22 | | 11934 | HI NUT (5/8 - 18 NF) | 16 |


SIDE PLATE & PIVOT BAR, &
DRAW BAR GUIDE INSTALLATIONS
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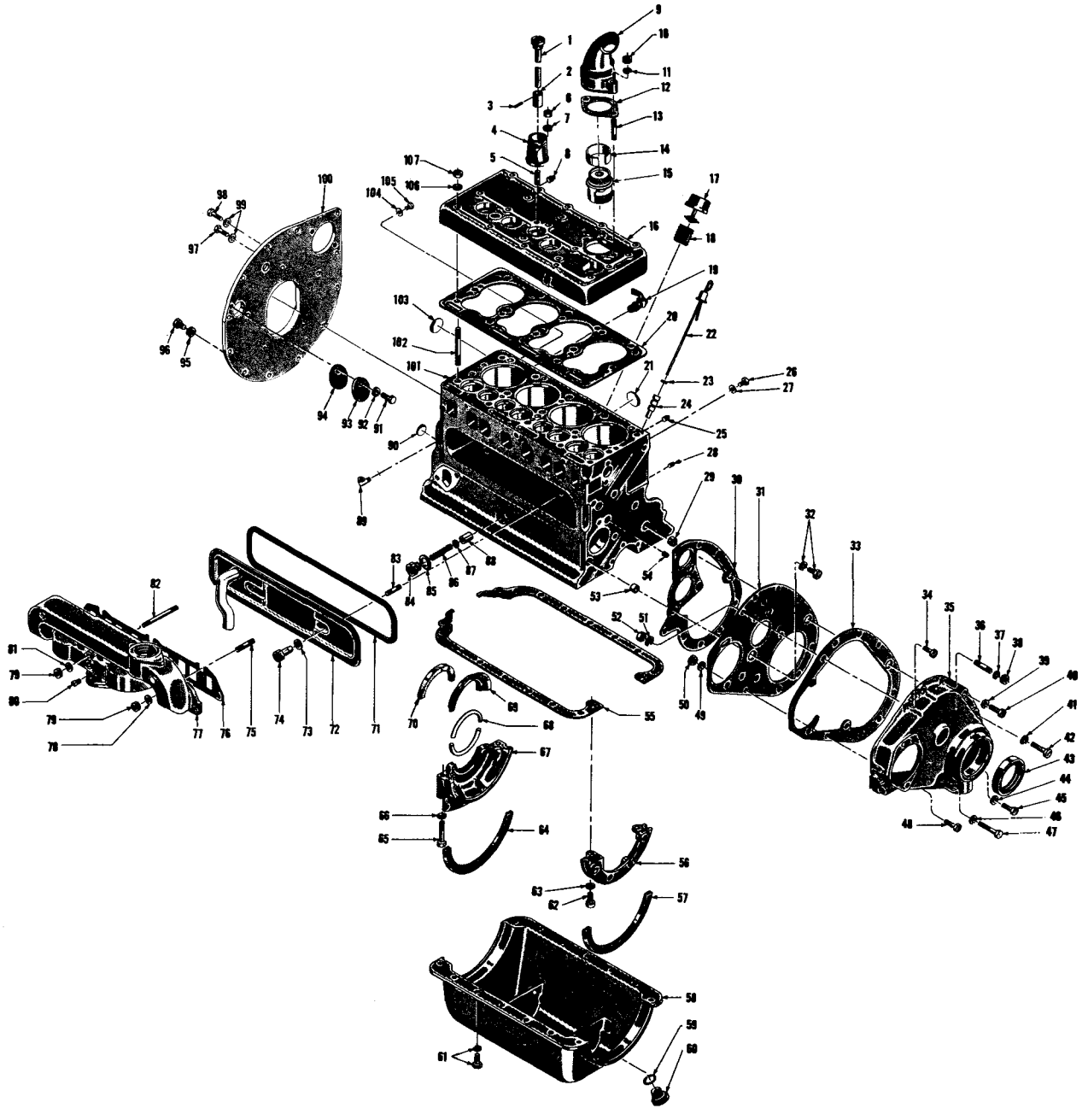
## SIDE PLATE, PIVOT BAR, & DRAWBAR GUIDE INST.

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 13103 | DRAWBAR GUIDE | 1 |
| 2 | | 45760 | HHCS 5/8 - 18 NF X 2 (13103 MT'G) | 4 |
| 3 | | 48450 | LOCKWASHER - MED. SEC. | 4 |
| 4 | | 48106 | HEX NUT - REG. S.F. | 4 |
| 5 | | 33110 | SIDE PLATE | 2 |
| 6 | | 33067 | PIVOT BAR ASS'Y | 2 |
| 7 | | 45787 | HHCS 3/4 - 16 NF X 2-1/2 (33067 MT'G) | 6 |
| 8 | | 48452 | LOCKWASHER - MED. SEC. | 6 |
| 9 | | 48107 | HEX NUT - REG. S.F. | 6 |
| 10 | | 45762 | HHCS 5/8 - 18 NF X 2-1/2 (33110 MT'G) | 2 |
| 11 | | 11934 | HI NUT | 2 |
| 12 | | 45788 | HHCS 3/4 - 16 NF X 2-3/4 (33110 MT'G) | 2 |
| 13 | | 11935 | HI NUT | 2 |
| 14 | | 33046 | BODY FIT BOLT (33110 MT'G) | 4 |
| 15 | | 11934 | HI NUT | 4 |
| 16 | | 33047 | BODY FIT BOLT (33110 MT'G) | 4 |
| 17 | | 11937 | HI NUT | 4 |



## GASOLINE ENGINE INST. - PART I - EXTERNAL PARTS GROUP

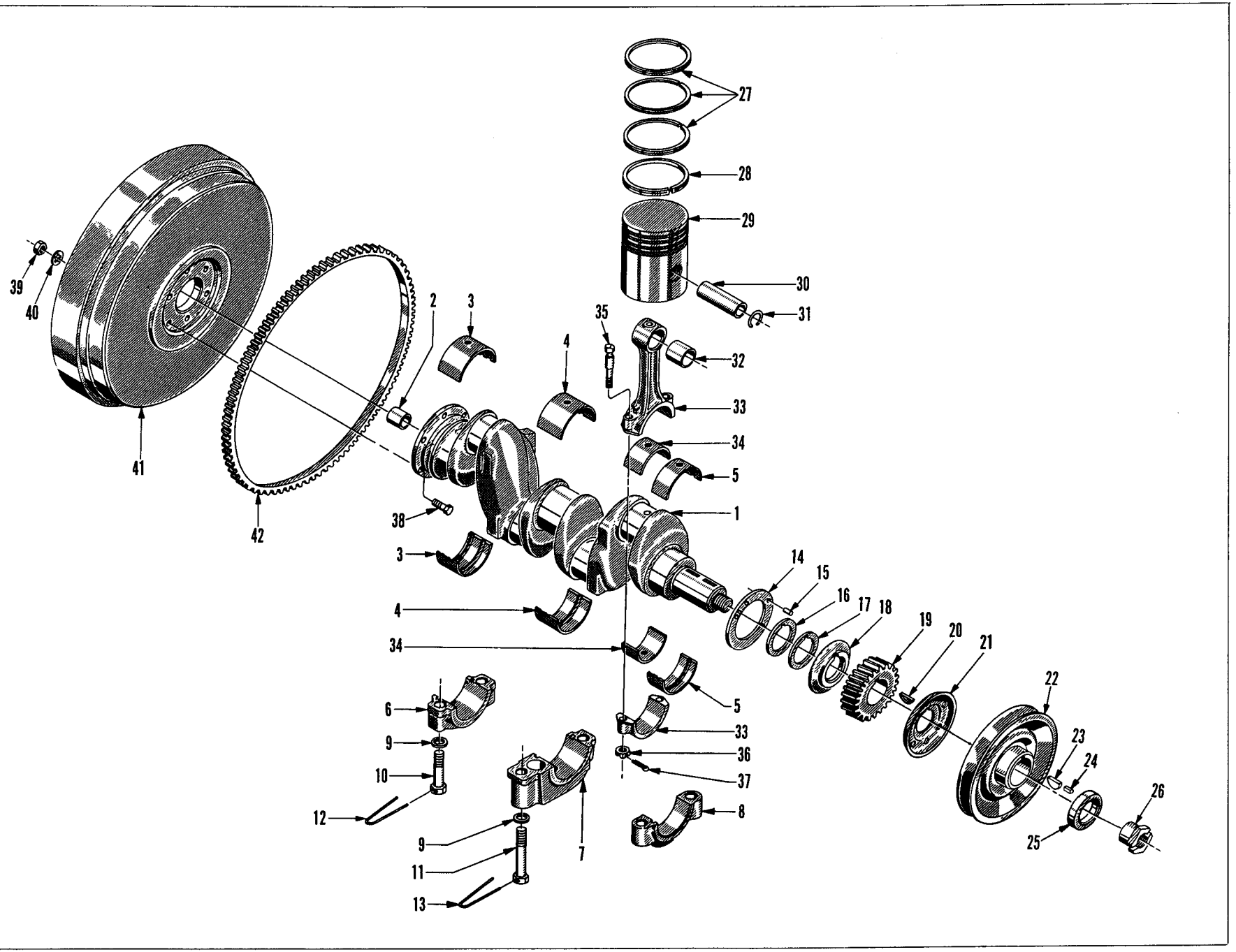
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 30431 | | GAS ENGINE INST. - PART I | |
| 1 | | 10572 | SHAFT - DISTRIBUTOR DRIVE | 1 |
| 2 | | 10573 | COUPLING - DISTRIBUTOR DRIVE | 1 |
| 3 | | 10574 | PIN - DRIVE COUPLING | 1 |
| 4 | | 10571 | ADAPTER - DISTRIBUTOR | 1 |
| 5 | | 10077 | STUD 3/8 - 16 NC X 1-3/8 (10571 MT'G) | 1 |
| 6 | | 30438 | HEX NUT (3/8 - 16 NC)(10571 MT'G) | 1 |
| 7 | | 48446 | LOCKWASHER - MED. SEC. (10571 MT'G) | 1 |
| 8 | | 41838 | PIPE PLUG - CTS'K HEAD - 1/2 NP | 1 |
| 9 | | 10550 | ELBOW - CYLINDER WATER OUTLET | 1 |
| 10 | | 47861 | HEX NUT (5/16 - 18 NC)(10550 MT'G) | 2 |
| 11 | | 48465 | LOCKWASHER - (10550 MT'G) | 2 |
| 12 | | 10553 | GASKET - WATER OUTLET ELBOW | 1 |
| 13 | | 10082 | STUD 5/16 - 18 NC X 2-1/8 (10550 MT'G) | 2 |
| 14 | | 10562 | ADAPTER RING - THERMOSTAT | 1 |
| 15 | | 10561 | THERMOSTAT | 1 |
| 16 | | 34026 | CYLINDER HEAD | 1 |
| 17 | | 10406 | CAP ASS'Y - OIL FILLER | 1 |
| 18 | | 30279 | CLOSE NIPPLE - OIL FILLER | 1 |
| 19 | | 10554 | DRAINCOCK - WATER | 1 |
| 20 | | 34017 | GASKET - CYLINDER HEAD | 1 |
| 21 | | 10618 | HUBBARD PLUG | 2 |
| 22 | | 10411 | OIL GAUGE ROD ASS'Y (INC. REF. #23) | 1 |
| 23 | | 10416 | FELT - OIL GAUGE ROD | 1 |
| 24 | | 10412 | SUPPORT - OIL GAUGE ROD | 1 |
| 25 | | 41821 | PIPE PLUG - EXT. SQ. HEAD - 1/4 NP | 1 |
| 26 | | 45053 | HHCS 3/8 - 16 NC X 5/8 (PLUGGING SCREW) | 3 |
| 27 | | 10298 | COPPER WASHER | 3 |
| 28 | | 41820 | PIPE PLUG - EXT. SQ. HEAD - 1/8 NP | 1 |
| 29 | | 10294 | RING DOWEL | 1 |
| 30 | | 10315 | GASKET - FRONT END PLATE TO C'CASE | 1 |
| 31 | | 10311 | FRONT END PLATE | 1 |
| 32 | | 45029 | HHCS 5/16 - 18 NC X 3/4 (10311 MT'G) | 1 |
| | | 48465 | LOCKWASHER (10311 MT'G) | 1 |
| 33 | | 10301 | GASKET - GEAR COVER TO FRONT END | 1 |
| 34 | | 10299 | DOWEL SCREW - (32647 MT'G) | 1 |
| 35 | | 32647 | GEAR COVER ASS'Y - (INC. REF. #43) | 1 |
| 36 | | 10089 | STUD 3/8 - 16 NC X 1-11/16 (32647 MT'G) | 2 |
| 37 | | 48446 | LOCKWASHER - MED. SEC. | 2 |
| 38 | | 30438 | HEX NUT (3/8 - 16 NC) | 2 |
| 39 | | 48446 | LOCKWASHER - MED. SEC. | 1 |
| 40 | | 10295 | HHCS 3/8 - 16 NC X 1-1/8 (32647 MT'G) | 1 |
| 41 | | 48447 | LOCKWASHER - MED. SEC. | 1 |

GASOLINE ENGINE INST. - PART I - EXTERNAL PARTS GROUP CONT'D

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 42 | | 45083 | HHCS 7/16 - 14 NC X 1-1/2 (32647 MT'G) | 1 |
| 43 | | 10972 | SEAL - C'SHAFT OIL & DUST | 1 |
| 44 | | 10298 | COPPER WASHER | 2 |
| 45 | | 10295 | HHCS 3/8 - 16 NC X 1-1/8 (32647 MT'G) | 1 |
| 46 | | 48446 | LOCKWASHER - MED. SEC. | 2 |
| 47 | | 45060 | HHCS 3/8 - 16 NC X 2 (32647 MT'G) | 3 |
| 48 | | 10295 | HHCS 3/8 - 16 NC X 1-1/8 (32647 MT'G) | 1 |
| 49 | | 48446 | LOCKWASHER - MED. SEC. | 1 |
| 50 | | 30438 | HEX NUT (3/8 - 16 NC) | 1 |
| 51 | | 48447 | LOCKWASHER - MED. SEC. | 1 |
| 52 | | 47863 | HEX NUT (7/16 - 14 NC) | 1 |
| 53 | | 10312 | FRONT PLATE RING DOWEL | 1 |
| 54 | | 10085 | PIPE PLUG - SPECIAL CTS'K HEAD - 1/4 NP | 2 |
| 55 | | 10362 | GASKET - OIL PAN & FILLER BLOCK | 2 |
| 56 | | 10101 | FILLER BLOCK - FRONT | 1 |
| 57 | | 10015 | CORK SEAL - FILLER BLOCK TO OIL PAN | 1 |
| 58 | | 32678 | OIL PAN ASS'Y - (INC. REF. # 59&60) | 1 |
| 59 | | 10364 | GASKET - OIL PAN DRAIN PLUG | 1 |
| 60 | | 10363 | DRAIN PLUG - OIL PAN | 1 |
| 61 | | 45029 | HHCS 5/16 - 18 NC X 3/4 (32678 MTG) | 14 |
| | | 48465 | LOCKWASHER | 14 |
| 62 | | 10107 | SOCKET HD. CAP SCREW 5/16 - 18 NC X 7/8 (10101 MT'G) | 2 |
| 63 | | 48525 | LOCKWASHER - 5/16 SHAKEPROOF | 2 |
| 64 | | 10015 | CORK SEAL - FILLER BLOCK TO OIL PAN | 1 |
| 65 | | 10106 | SHCS 5/16 - 18 NC X 2-5/8 (10105 MT'G) | 2 |
| 66 | | 48525 | LOCKWASHER - 5/16 SHAKEPROOF | 2 |
| 67 | | 10105 | FILLER BLOCK - REAR | 1 |
| 68 | | 11574 | SEAL - REAR BR'G FILLER BLOCK | 2 |
| 69 | | 10109 | OIL GUARD - REAR BEARING | 1 |
| 70 | | 10565 | FELT - REAR BR'G OIL GUARD | 1 |
| 71 | | 10357 | GASKET - VALVE CHAMBER COVER | 1 |
| 72 | | 10370 | COVER ASS'Y - VALVE CHAMBER | 1 |
| 73 | | 10356 | GASKET - COPPER ASBESTOS | 2 |
| 74 | | 10355 | VALVE CHAMBER COVER NUT | 2 |
| 75 | | 10089 | STUD 3/8 - 16 NC X 1-11/16 (10451 MT'G) | 6 |
| 76 | | 10455 | GASKET - INTAKE & EXHAUST MANIFOLD | 1 |
| 77 | | 10451 | MANIFOLD - INTAKE & EXHAUST | 1 |
| 78 | | 11055 | PLAINWASHER | 3 |

GASOLINE ENGINE INST. - PART I - EXTERNAL PARTS GROUP CONT'D

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 79 | | 10452 | BRASS HEX NUT (3/8 - 16 NC) | 7 |
| 80 | | 41820 | PIPE PLUG - EXT. SQ. HEAD - 1/8 NP | 1 |
| 81 | | 10454 | PLAINWASHER | 4 |
| 82 | | 10079 | STUD 3/8-16 NC X 3-5/8 (10451 MT'G) | 1 |
| 83 | | 10073 | STUD 1/4 - 20 NC X 1-3/8 (10370 MT'G) | 2 |
| 84 | | 10423 | PLUG - OIL RELIEF VALVE | 1 |
| 85 | | 10424 | GASKET - RELIEF VALVE PLUG | 1 |
| 86 | | 10422 | SPRING - RELIEF VALVE | 1 |
| 87 | | 11057 | WASHER - RELIEF SPRING ADJUSTING | UAR |
| 88 | | 10421 | VALVE - OIL PRESSURE RELIEF | 1 |
| 89 | | 41899 | STREET ELBOW - AT OIL GAUGE OUTLET | 1 |
| 90 | | 10622 | HUBBARD PLUG - 1-1/2 DIA. | 1 |
| 91 | | 45053 | HHCS 3/8 - 16 NC X 5/8 (10133 MT'G) | 1 |
| 92 | | 48446 | LOCKWASHER - MED. SEC. | 1 |
| 93 | | 10133 | COVER - FLYWHEEL POINTER | 1 |
| 94 | | 10134 | FELT - FLYWHEEL POINTER COVER | 1 |
| 95 | | 48444 | LOCKWASHER - MED. SEC. | 2 |
| 96 | | 45003 | HHCS 1/4 - 20 NC X 5/8 (10020 MT'G) | 2 |
| 97 | | 45082 | HHCS 7/16 - 14 NC X 1-1/4 (10020 MT'G) | 3 |
| 98 | | 10037 | DOWEL SCREW 7/16 - 14 NC X 1-7/16 (10020 MT'G) | 2 |
| 99 | | 48527 | LOCKWASHER - 7/16 SHAKEPROOF | 5 |
| 100 | | 10020 | REAR END PLATE | 1 |
| 101 | | 36546 | CYLINDER & C'CASE ASS'Y | 1 |
| 102 | | 10078 | STUD 7/16 - 20 NF X 3-15/32 (34026 MT'G) | 15 |
| 103 | | 10617 | HUBBARD PLUG - 1-1/8 DIA. | 1 |
| 104 | | 10081 | COPPER WASHER | 2 |
| 105 | | 45027 | HHCS 5/16 - 18 NC X 1/2 (PLUGGING SCREW) | 2 |
| 106 | | 10143 | PLAINWASHER | 15 |
| 107 | | 10142 | HEX NUT (7/16 - 20 NF) | 15 |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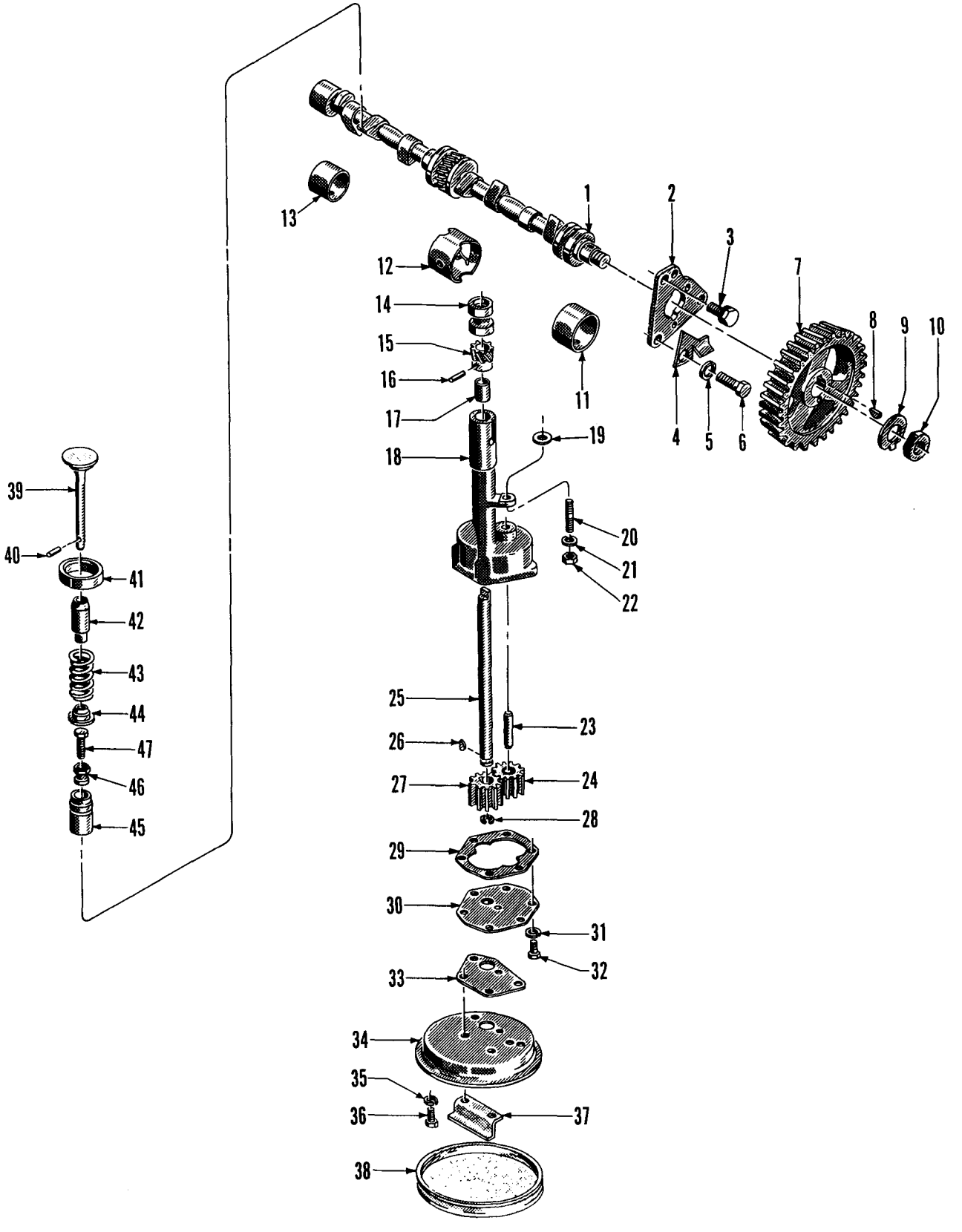
## GASOLINE ENGINE INST. - PART II - INTERNAL PARTS GROUP

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 30431 | | GASOLINE ENGINE INST. - PART II | |
| 1 | | 10161 | CRANKSHAFT ASS'Y (INC. REF. # 2) | 1 |
| 2 | | 10163 | BUSHING - C'SHAFT PILOT | 1 |
| 3 | | 10183 | BEARING - C'SHAFT REAR - UPPER & LOWER | 1 |
| 4 | | 10182 | BEARING - C'SHAFT CENTER - UPPER & LOWER | 1 |
| 5 | | 10181 | BEARING - C'SHAFT FRONT - UPPER & LOWER | 1 |
| 6 | | 10093 | BEARING CAP -C'SHAFT REAR | 1 |
| 7 | | 10092 | BEARING CAP -C'SHAFT CENTER | 1 |
| 8 | | 10091 | BEARING CAP -C'SHAFT FRONT | 1 |
| 9 | | 10080 | PLAINWASHER | 6 |
| 10 | | 10071 | HHCS 1/2-13 NC X 2-5/8 (10093 MT'G) | 4 |
| 11 | | 10070 | HHCS 1/2-13 NC X 3-1/4 (10092 MT'G) | 2 |
| 12 | | 10376 | LOCKWIRE - #19 DIA. X 10 LONG | 2 |
| 13 | | 10377 | LOCKWIRE - #19 DIA. X 12 LONG | 1 |
| 14 | | 10165 | THRUST WASHER | 2 |
| 15 | | 10087 | PIN - THRUST WASHER TO C'CASE | 3 |
| 16 | | 10166 | SHIM - THRUST (.002) | 8 |
| 17 | | 10167 | SHIM - THRUST (.008) | 8 |
| 18 | | 10171 | THRUST PLATE - C'SHAFT | 1 |
| 19 | | 10282 | GEAR -C'SHAFT TIMING | 1 |
| 20 | | 48764 | WOODRUFF KEY #15 | 1 |
| 21 | | 10168 | OIL THROWER - C'SHAFT | 1 |
| 22 | | 31515 | PULLEY - FAN DRIVE | 1 |
| 23 | | 48764 | WOODRUFF KEY # 15 | 1 |
| 24 | | 10542 | PLUG - FAN DRIVE KEYWAY | 1 |
| 25 | | 10373 | WASHER - PULLEY RETAINER NUT | 1 |
| 26 | | 10374 | NUT - PULLEY RETAINER | 1 |
| 27 | | 34013 | PISTON RING - 1st, 2nd, & 3rd GROOVES | 12 |
| 28 | | 34014 | PISTON RING - BOTTOM GROOVE | 4 |
| | 34019 | | PISTON ASS'Y (INC. REF. #29 THRU 31) | 4 |
| 29 | | 34012 | PISTON | 1 |
| 30 | | 34015 | PISTON PIN | 1 |
| 31 | | 10252 | RETAINING RING - PISTON PIN | 2 |
| 32 | | 10786 | BUSHING - PISTON PIN | 1 |
| 33 | 10195 | | ROD & CAP ASS'Y - CYL'S 1 & 3 (INC. REF. # 32 THRU 37) | 2 |
| | 10200 | | ROD & CAP ASS'Y - CYL'S 2 & 4 (INC. REF. #32 THRU 37) | 2 |
| 34 | | 10211 | BEARING - CONNECTING ROD - CYL'S 1 & 3) | 1 |
| | | 10212 | BEARING - CONNECTING ROD - CYL'S 2 & 4) | 1 |

GASOLINE ENGINE INST. - PART II - INTERNAL PARTS GROUP CONT'D

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 35 | | 10205 | BOLT - CONNECTING ROD | 2 |
| 36 | | 48312 | HEX SLOTTED NUT | 2 |
| 37 | | 48683 | COTTER PIN - 3/32 DIA. X 3/4 | 2 |
| 38 | | 10432 | FLYWHEEL BOLT | 6 |
| 39 | | 48162 | HEX NUT (3/8 - 24 NF) | 6 |
| 40 | | 48526 | LOCKWASHER - 3/8 SHAKEPROOF | 6 |
| 41 | | 10433 | FLYWHEEL ASS'Y (INC. REF. # 42) | 1 |
| 42 | | 10441 | RING GEAR | 1 |

MEMORANDUM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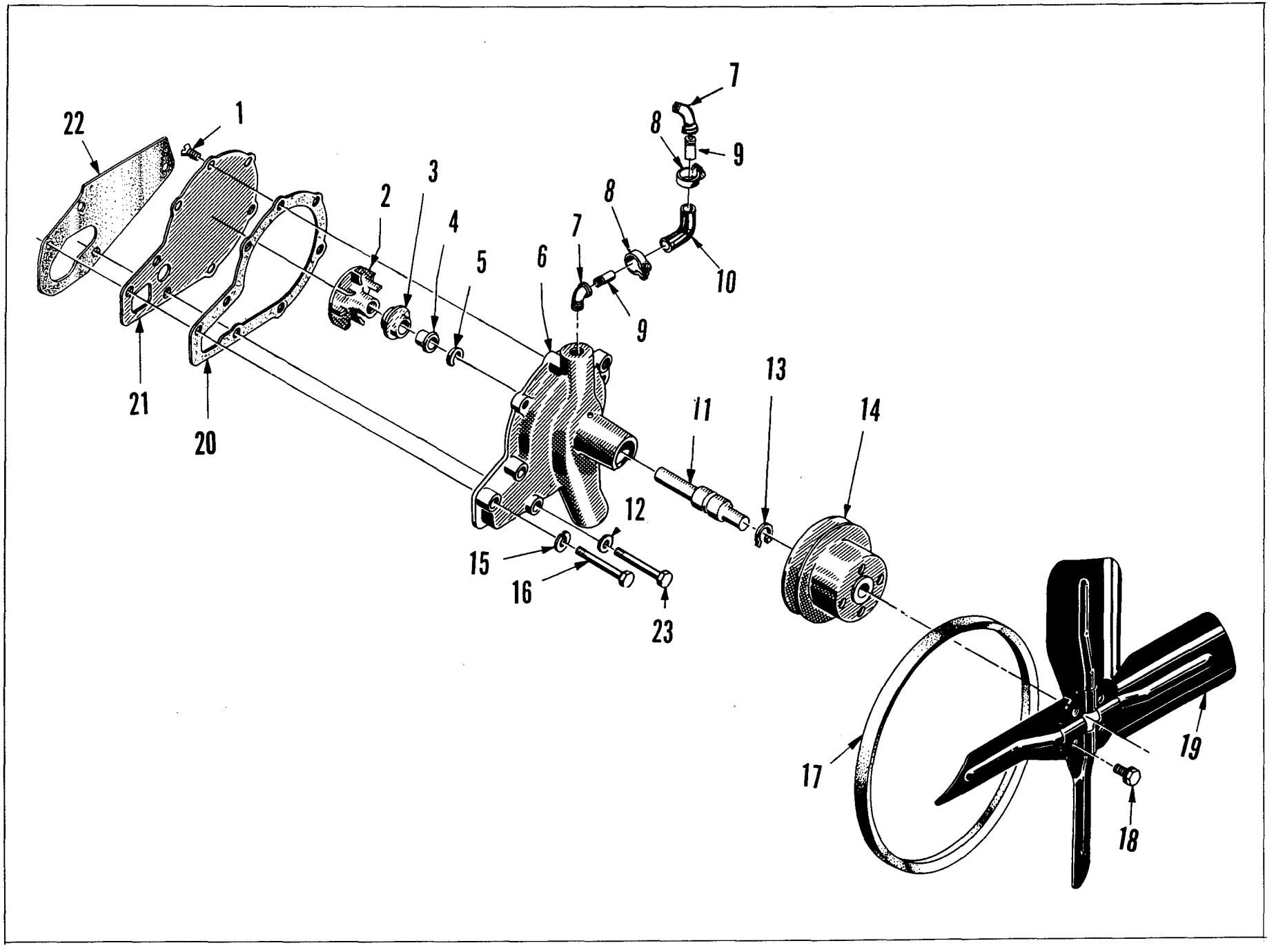
## GASOLINE ENGINE - PART III - CAMSHAFT & OIL PUMP PARTS GROUP

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 30431 | | GASOLINE ENGINE INST. - PART III | |
| 1 | | 10261 | CAMSHAFT | 1 |
| 2 | | 10262 | THRUST PLATE - CAMSHAFT | 1 |
| 3 | | 10264 | SCREW & LOCKWASHER ASS'Y (3/8 - 16 NC X 7/8) | 2 |
| 4 | | 10283 | PLATE - TIMING GEAR OILER | 1 |
| 5 | | 48447 | LOCKWASHER - MED. SEC. | 1 |
| 6 | | 45082 | HHCS 7/16 - 14 NC X 1-1/4 (10283 MT'G) | 1 |
| 7 | | 10281 | TIMING GEAR - CAMSHAFT | 1 |
| 8 | | 48756 | WOODRUFF KEY # 6 | 1 |
| 9 | | 10285 | CAMSHAFT LOCKNUT | 1 |
| 10 | | 10284 | HEX NUT (3/4 - 16 NF) | 1 |
| 11 | | 10062 | BUSHING - CAMSHAFT FRONT | 1 |
| 12 | | 10063 | BUSHING - CAMSHAFT CENTER | 1 |
| 13 | | 10064 | BUSHING - CAMSHAFT REAR | 1 |
| 14 | | 10065 | BUSHING - OIL PUMP DRIVE SHAFT | 1 |
| | 10381 | | OIL PUMP ASS'Y - COMPLETE (INC. REF. # 15 THRU 38) | 1 |
| 15 | | 10388 | GEAR - OIL PUMP DRIVE | 1 |
| 16 | | 11577 | PIN - DRIVE GEAR | 1 |
| 17 | | 10384 | BUSHING | 1 |
| 18 | | 10382 | BODY ASS'Y - OIL PUMP (INC. REF. # 17) | 1 |
| 19 | | 11578 | PLAINWASHER | 1 |
| 20 | | 10083 | STUD 3/8 - 16 NC X 1-5/8 (10381 MT'G) | 1 |
| 21 | | 48446 | LOCKWASHER - MED. SEC. | 1 |
| 22 | | 30438 | HEX NUT (3/8 - 16 NC) | 1 |
| 23 | | 10392 | STUD - OIL PUMP IDLER GEAR | 1 |
| 24 | | 10391 | GEAR - IDLER | 1 |
| 25 | | 10385 | DRIVE SHAFT - OIL PUMP | 1 |
| 26 | | 48753 | WOODRUFF KEY # 3 | 1 |
| 27 | | 10390 | GEAR - DRIVER | 1 |
| 28 | | 10386 | SNAP RING | 1 |
| 29 | | 10395 | GASKET | 1 |
| 30 | | 10394 | COVER ASS'Y | 1 |
| 31 | | 48444 | LOCKWASHER - MED. SEC. | 2 |
| 32 | | 45003 | HHCS 1/4 - 20 NC X 5/8 (10394 MTG) | 2 |
| 33 | | 10397 | GASKET | 1 |
| 34 | | 10396 | FRAME - OIL PUMP STRAINER SCREEN | 1 |
| 35 | | 48444 | LOCKWASHER - MED. SEC. | 4 |
| 36 | | 45003 | HHCS 1/4 - 20 NC X 5/8 (10396 MT'G) | 4 |
| 37 | | 10398 | SPACER | 1 |
| 38 | | 10399 | SCREEN ASS'Y - OIL STRAINER | 1 |
| 39 | | 10331 | VALVE - INTAKE | 4 |
| | | 10332 | VALVE - EXHAUST | 4 |

GASOLINE ENGINE - PART III - CAMSHAFT & OIL PUMP PARTS GROUP CONT'D

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 40 | | 10337 | LOCK - VALVE SPRING RETAINER | 8 |
| 41 | | 10333 | INSERT - EXHAUST VALVE SEAT | 4 |
| 42 | | 10334 | GUIDE - VALVE STEM | 8 |
| 43 | | 10335 | VALVE SPRING | 8 |
| 44 | | 10336 | RETAINER - VALVE SPRING | 8 |
| | 10341 | | TAPPET ASS'Y - VALVE (INC. REF. # 45 THRU 47) | 8 |
| 45 | | 10342 | TAPPET - VALVE | 1 |
| 46 | | 10345 | NUT - LOCK | 1 |
| 47 | | 10344 | SCREW - ADJUSTING | 1 |
| | | 10403 | SUCTION TUBE - OIL PUMP (NOT SHOWN) | 1 |

MEMORANDUM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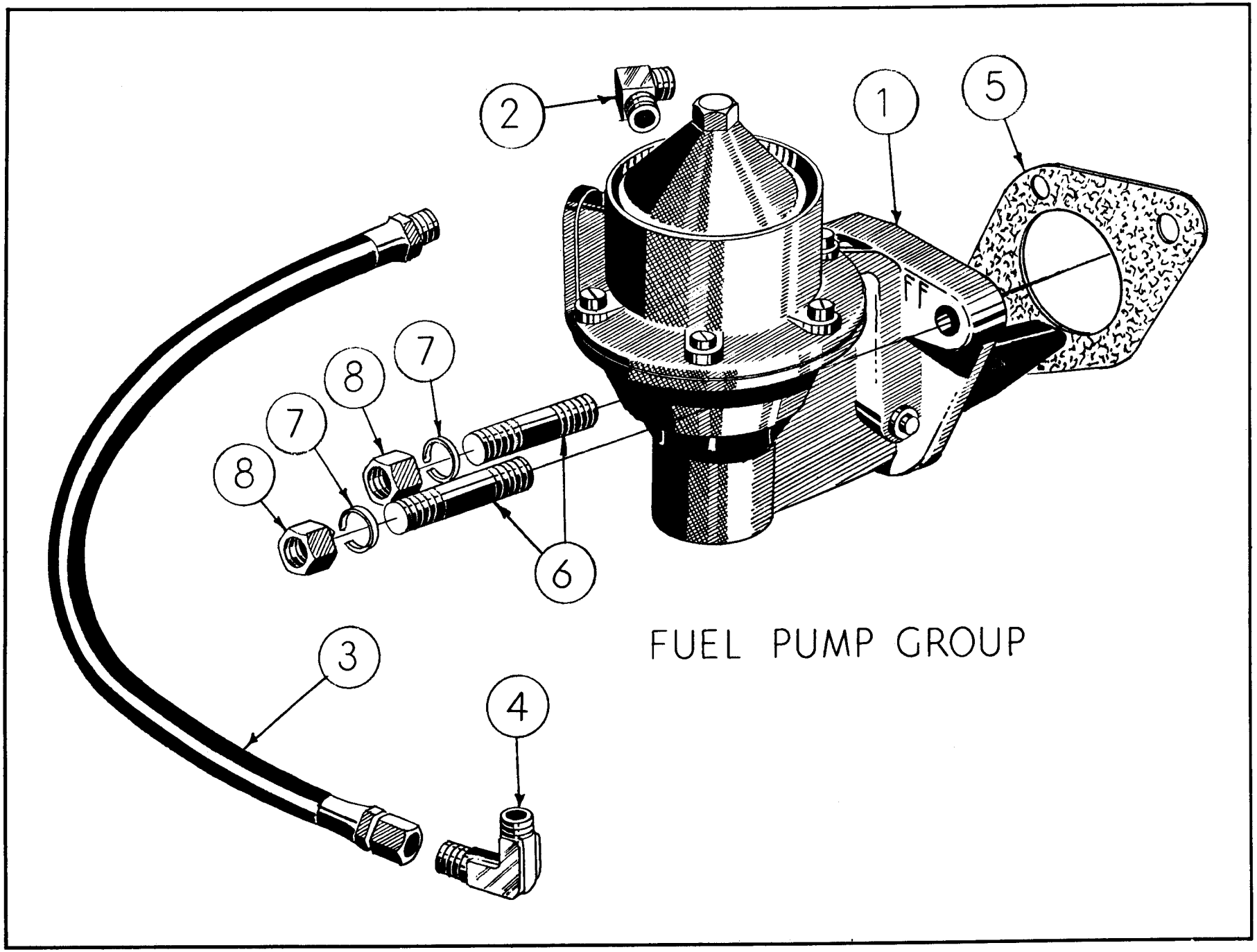
## GASOLINE ENGINE INST. - PART IV - WATER PUMP PARTS GROUP

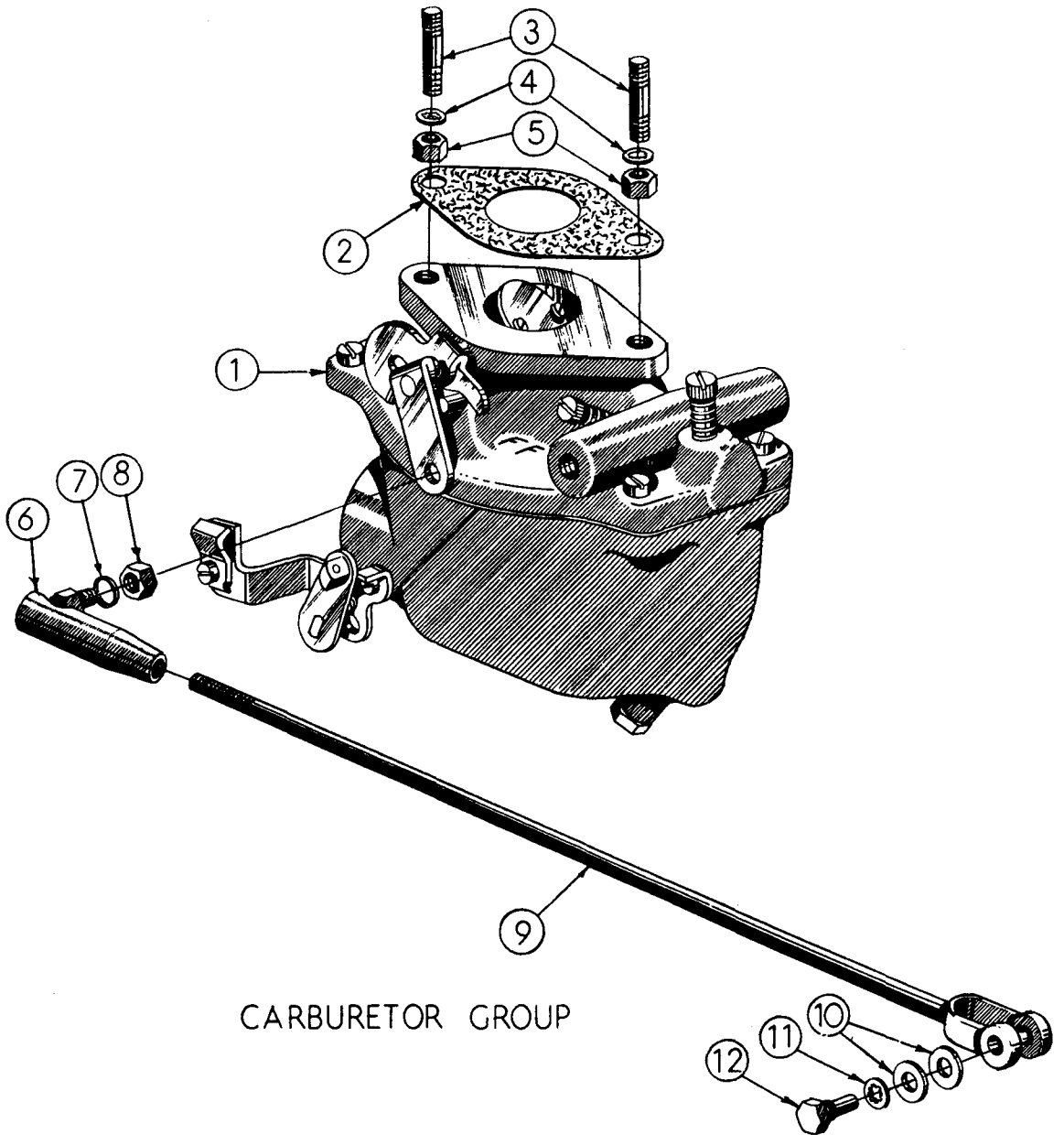
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 30431<br>34003 | | GASOLINE ENGINE INST. - PART IV<br>WATER PUMP ASS'Y - COMPLETE (INC. REF. # 1 THRU 6, 11, 13, 14, 20, & 21) | 1 |
| 1 | | 10506 | SCREW - COVER TO BODY | 4 |
| 2 | | 10502 | IMPELLER - WATER PUMP | 1 |
| 3 | | 10503 | SEAL | 1 |
| 4 | | 10505 | WATER SHEDDER | 1 |
| 5 | | 10509 | BEARING SEAT RING | 1 |
| 6 | | 10514 | BODY - WATER PUMP | 1 |
| 7 | | 41672 | STREET ELBOW - 3/8 NP | 2 |
| 8 | | 10615 | HOSE CLAMP | 2 |
| 9 | | 10628 | PIPE NIPPLE - 3/8 NP | 2 |
| 10 | | 10589 | HOSE - W/P TO WATER OUTLET ELBOW | 1 |
| 11 | | 10501 | SHAFT - WATER PUMP | 1 |
| 12 | | 10298 | COPPER WASHER | 1 |
| 13 | | 10504 | RETAINER | 1 |
| 14 | | 10592 | FAN HUB | 1 |
| 15 | | 48446 | LOCKWASHER - MED. SEC. | 3 |
| 16 | | 45061 | HHCS 3/8 - 16 NC X 2-1/4 | 2 |
| 17 | | 30460 | FAN DRIVE BELT | 1 |
| 18 | | 10314 | SCREW & LOCKWASHER ASS'Y | 4 |
| 19 | | 10004 | FAN ASS'Y | 1 |
| 20 | | 10508 | GASKET - WATER PUMP COVER | 1 |
| 21 | | 10507 | COVER - WATER PUMP | 1 |
| 22 | | 10590 | GASKET - W/P TO CYL. BLOCK | 1 |
| 23 | | 36596 | SCREW | 2 |




FUEL PUMP GROUP

## GASOLINE ENGINE INST. - PART V - FUEL PUMP PARTS GROUP

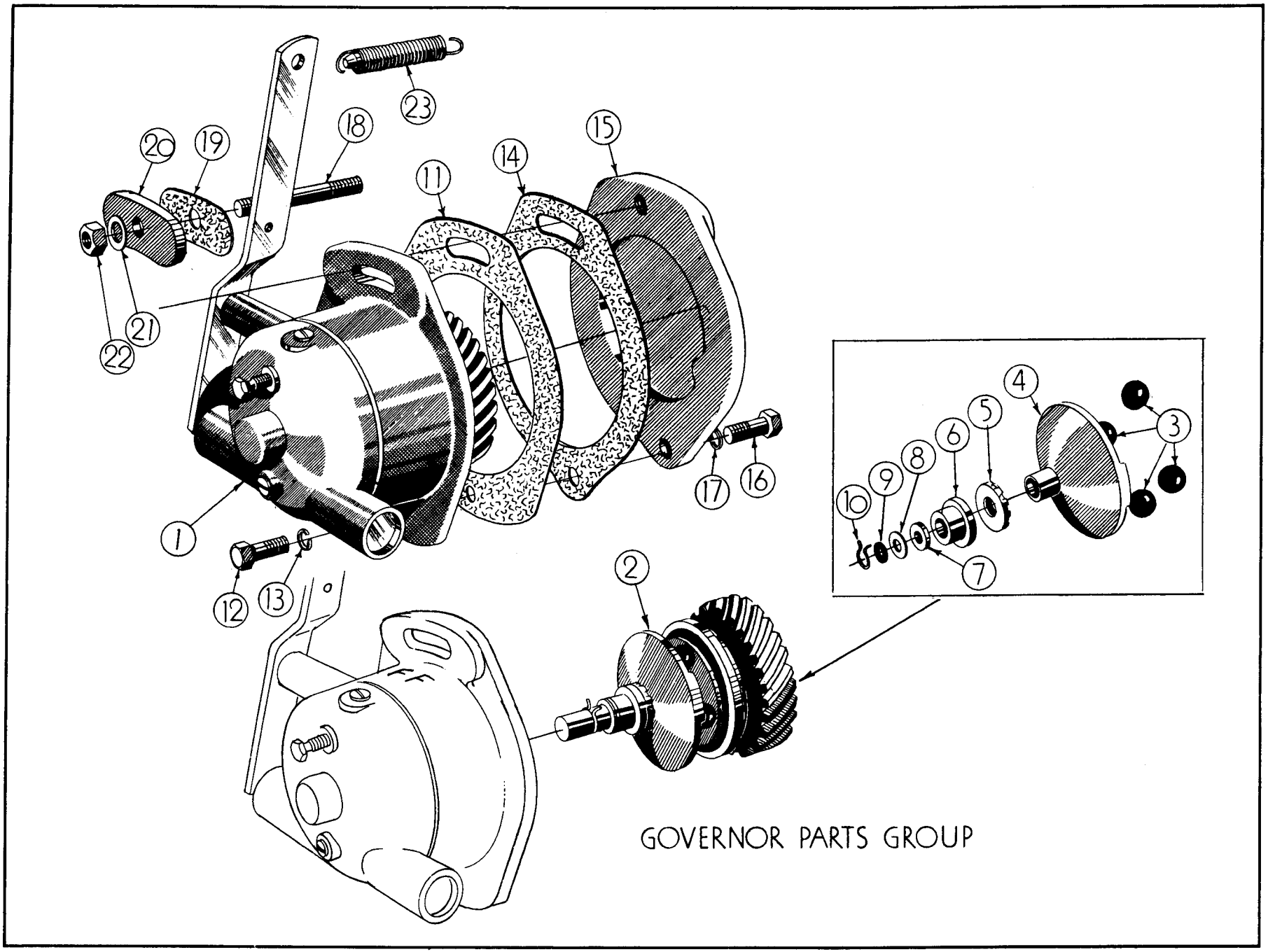
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 30431 | | GASOLINE ENGINE INST. - PART V | |
| 1 | | 10023 | FUEL PUMP ASS'Y | 1 |
| 2 | | 34008 | ELBOW 90° 5/16 - 20 TO 1/8 NP | 1 |
| 3 | | 10026 | HOSE ASS'Y - FUEL PUMP TO CARBURETOR | 1 |
| 4 | | 50464 | STREET ELBOW 90° - CARB. INLET - 1/8 NP | 1 |
| 5 | | 10123 | GASKET - FUEL PUMP | 1 |
| 6 | | 31173 | STUD 5/16 - 18 NC X 1-1/2 (10023 MT'G) | 2 |
| 7 | | 48465 | LOCKWASHER - HEAVY SEC. | 2 |
| 8 | | 47861 | HEX NUT - LIGHT S.F. (5/16 - 18 NC) | 2 |




CARBURETOR GROUP

## GASOLINE ENGINE INST. - PART VI - CARBURETOR PARTS GROUP

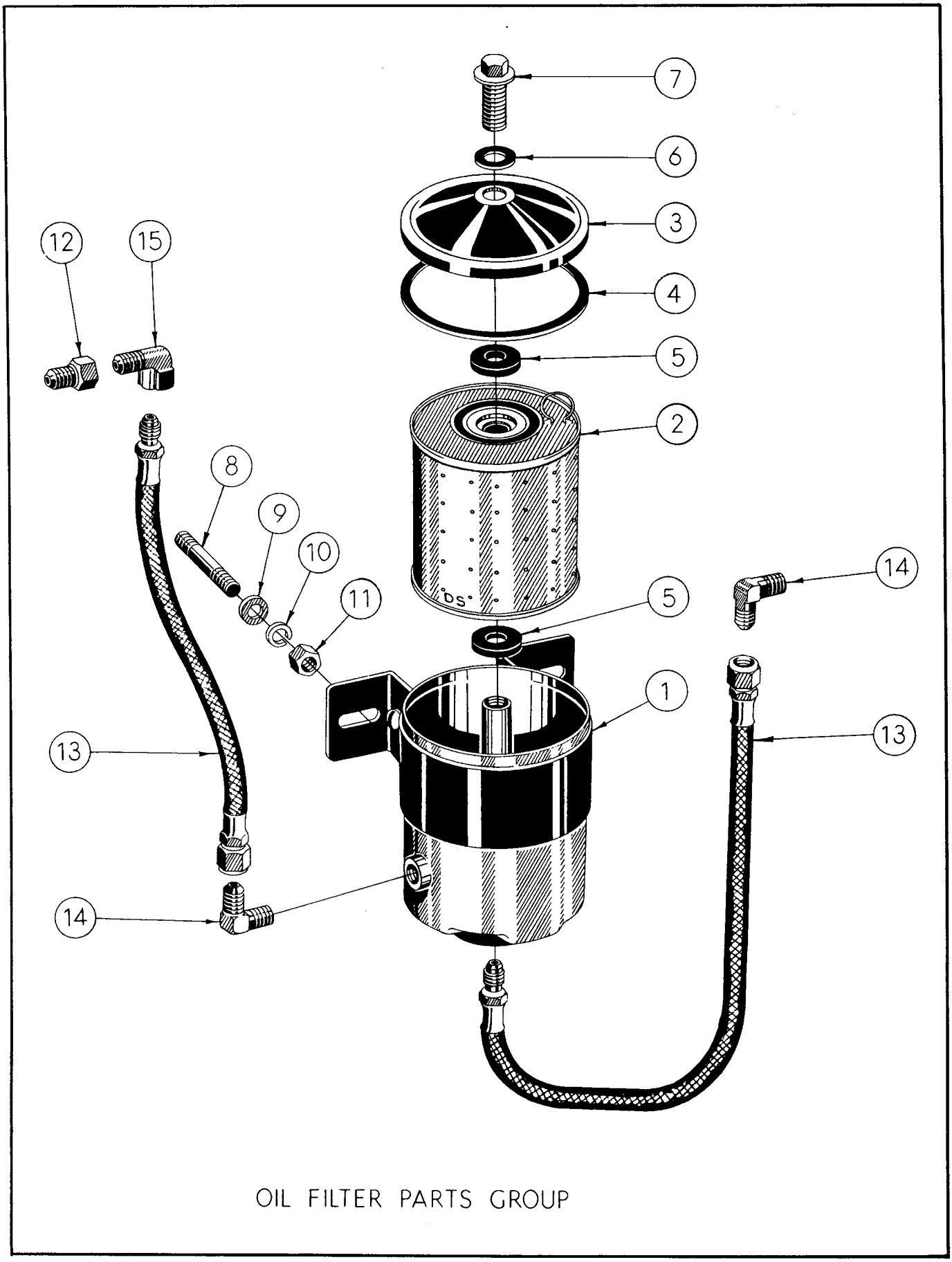
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 30431 | | GASOLINE ENGINE INST. - PART VI | |
| 1 | | 34005 | CARBURETOR ASS'Y | 1 |
| 2 | | 10002 | GASKET - CARB. TO MANIFOLD | 1 |
| 3 | | 10375 | STUD 5/16 - 18 NC X 1-5/16 (34005 MT'G) | 2 |
| 4 | | 48525 | LOCKWASHER - 5/16 SHAKEPROOF | 2 |
| 5 | | 47861 | HEX NUT - LIGHT S.F. | 2 |
| 6 | | 10031 | BALL JOINT - CONTROL ROD TO CARB. | 1 |
| 7 | | 48444 | LOCKWASHER - MED. SEC. | 1 |
| 8 | | 48100 | HEX NUT - REG. S.F. (1/4 - 20 NC) | 2 |
| 9 | | 10127 | CONTROL ROD ASS'Y - CARB. TO GOVERNOR | 1 |
| 10 | | 10032 | PLAINWASHER | 2 |
| 11 | | 48525 | LOCKWASHER - 5/16 SHAKEPROOF | 1 |
| 12 | | 10029 | YOKE END SCREW | 1 |




GOVERNOR PARTS GROUP

## GASOLINE ENGINE INST. - PART VII - GOVERNOR PARTS GROUP

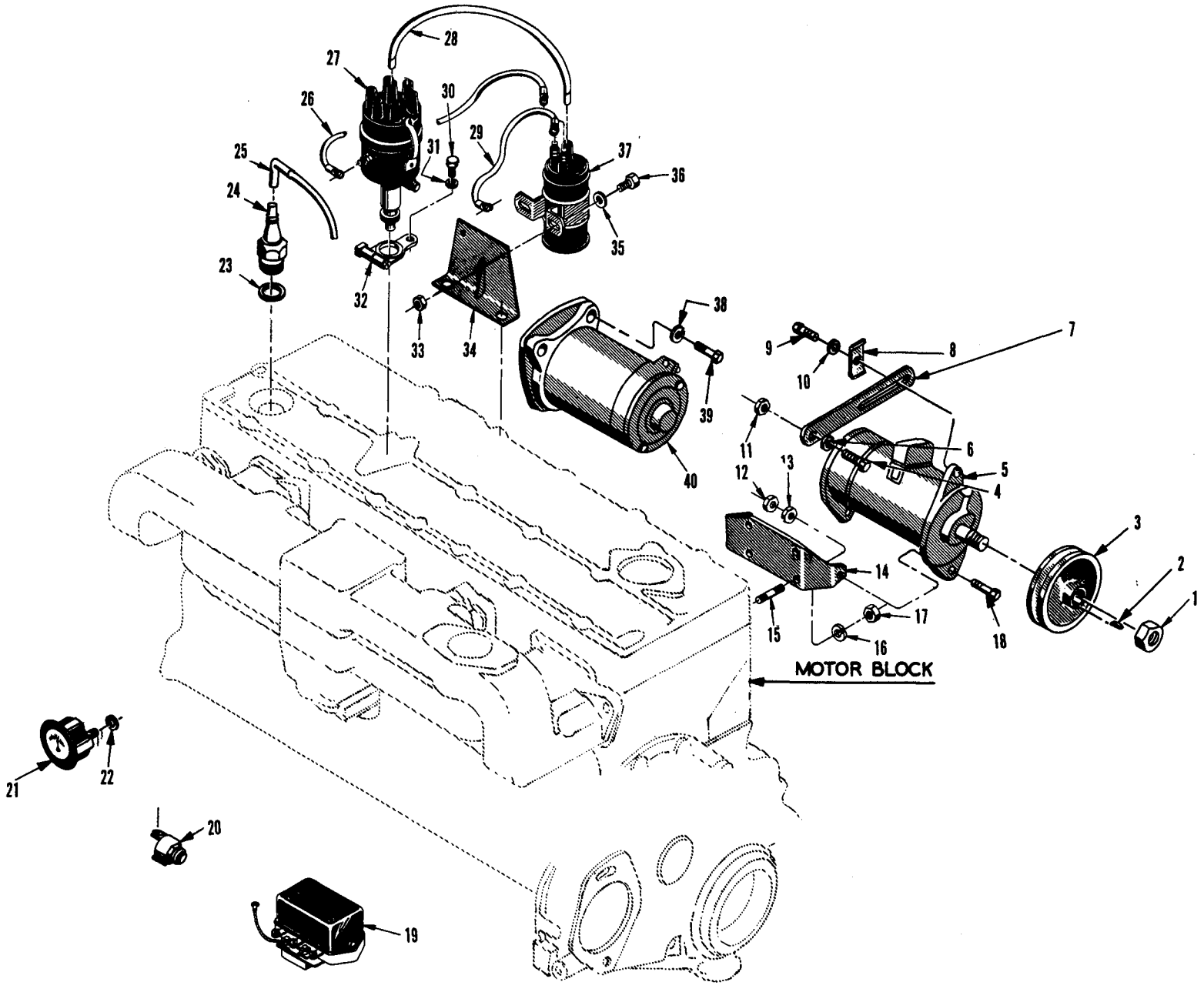
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 30431 | | GASOLINE ENGINE INST. - PART VII | |
| 1 | 10456 | | GOVERNOR ASS'Y - (INC. REF. # 2 THRU 10) | 1 |
| 2 | 10458 | | WORKS ASS'Y - GOVERNOR (INC. REF. #3 THRU 10) | 1 |
| 3 | | 10474 | BALL - GOVERNOR - 3/4 DIA. | 4 |
| 4 | | 10465 | RACE - UPPER - GOVERNOR | 1 |
| 5 | | 10466 | BEARING - THRUST | 1 |
| 6 | | 10467 | BASE - GOVERNOR LEVER FORK | 1 |
| 7 | | 10468 | THRUST WASHER - LEVER FORK BASE | 1 |
| 8 | | 10469 | THRUST WASHER - LEVER FORK BASE | 1 |
| 9 | | 10472 | PLATE - THRUST | 1 |
| 10 | | 10470 | CLIP - GOV. WORKS RETAINING | 1 |
| 11 | | 10480 | GASKET - GOVERNOR TO GEAR COVER | 1 |
| 12 | | 10295 | SCREW 3/8 - 16 NC X 1-1/8 (10456 MT'G) | 1 |
| 13 | | 48446 | LOCKWASHER - MED. SEC. | 1 |
| 14 | | 10324 | GASKET - MAG. HOLE COVER TO GEAR COVER | 1 |
| 15 | | 10321 | COVER - MAGNETO DRIVE HOLE | 1 |
| 16 | | 10323 | HHCS 3/8 - 16 NC X 1-3/8 (10321 MT'G) | 1 |
| 17 | | 48446 | LOCKWASHER - MED. SEC. | 1 |
| 18 | | 10322 | STUD 3/8 - 16 NC X 3-7/8 (10321 & 10456 MT'G) | 1 |
| 19 | | 10482 | GASKET - GOVERNOR FLANGE | 1 |
| 20 | | 10481 | PLATE - GOVERNOR FLANGE GASKET | 1 |
| 21 | | 10498 | COPPER WASHER | 1 |
| 22 | | 30438 | HEX NUT - REG. S.F. (3/8 - 16 NC) | 1 |
| 23 | | 10022 | GOVERNOR SPRING ASS'Y | 1 |




OIL FILTER PARTS GROUP

## GASOLINE ENGINE INST. - PART VIII - OIL FILTER PARTS GROUP

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 30431<br>31176 | | GASOLINE ENGINE INST. - PART VIII<br>OIL FILTER ASS'Y (INC. REF. # 1 THRU 7) | 1 |
| 1 | | | RESERVED | |
| 2 | | 10017 | CARTRIDGE - OIL FILTER | 1 |
| 3 | | 10047 | COVER - OIL FILTER | 1 |
| 4 | | 10048 | GASKET - OIL FILTER COVER | 1 |
| 5 | | 10049 | GASKET - OIL FILTER CARTRIDGE | 2 |
| 6 | | 10054 | GASKET - OIL FILTER COVER SCREW | 1 |
| 7 | | 11921 | SCREW - OIL FILTER COVER | 1 |
| 8 | | 10619 | STUD 5/16 - 18 NC X 1 (31176 MT'G) | 2 |
| 9 | | 10620 | PLAINWASHER | 2 |
| 10 | | 48445 | LOCKWASHER - MED. SEC. | 2 |
| 11 | | 47861 | HEX NUT (5/16 - 18 NC) | 2 |
| 12 | | 41640 | BUSHING - 1/4 NP TO 1/8 NP | 1 |
| 13 | | 10621 | HOSE ASS'Y - FLEXIBLE OIL | 2 |
| 14 | | 50464 | MALE ELBOW 90° 1/8 NP TO 1/4 SAE | 2 |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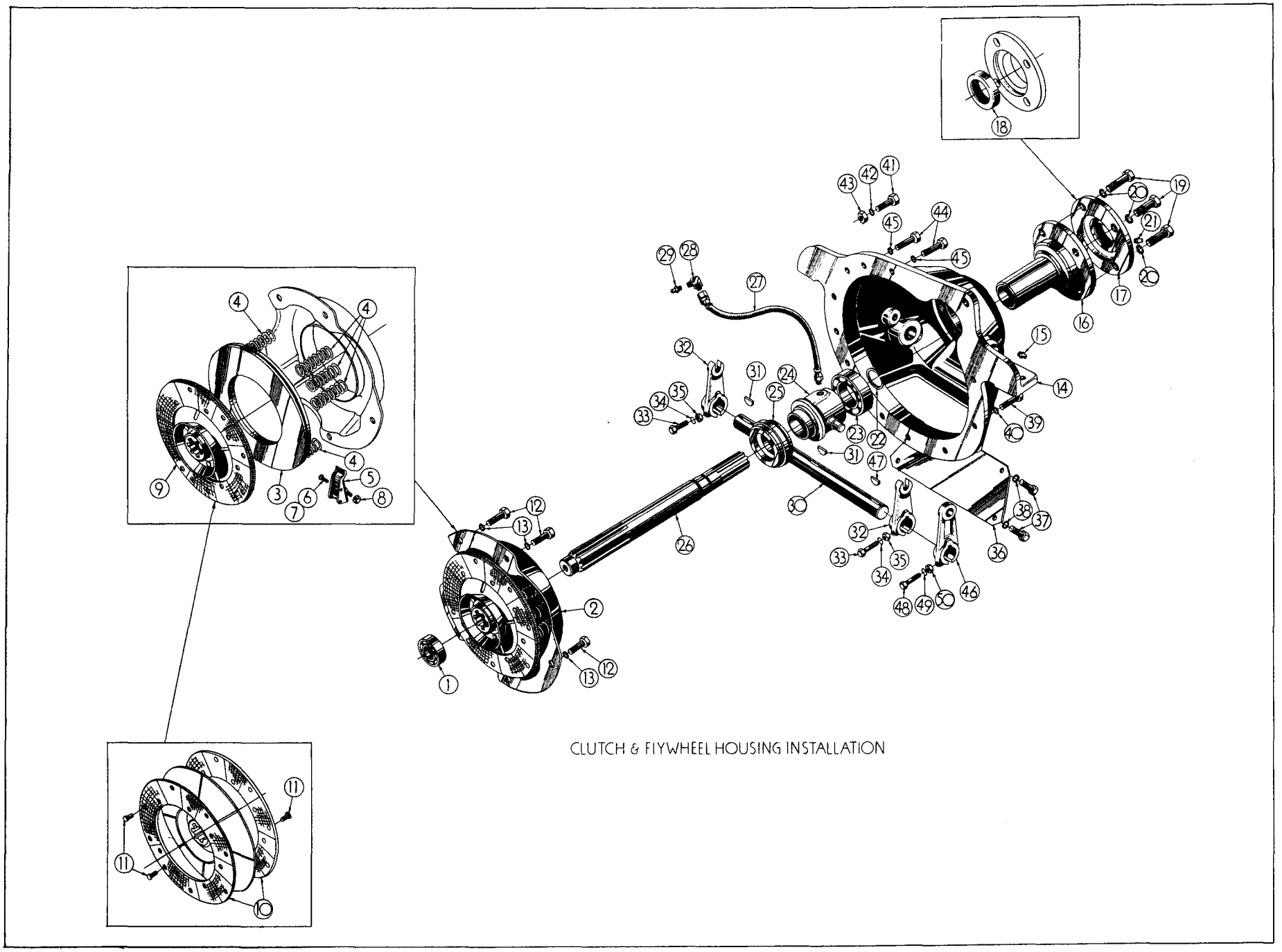
## GASOLINE ENGINE INST. - PART IX - ELECTRICAL PARTS GROUP

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 30431 | | GASOLINE ENGINE INST. - PART IX | |
| 1 | | | RESERVED | |
| 2 | | | RESERVED | |
| 3 | | 30454 | PULLEY - GENERATOR | 1 |
| 4 | | 45056 | HHCS 3/8 - 16 NC X 1 (ADJ. STRAP TO W.P.) | 1 |
| 5 | | 30455 | GENERATOR ASS'Y (INC. PART #10019) | 1 |
| | | 10019 | VOLTAGE REGULATOR ASS'Y | 1 |
| 6 | | 48446 | LOCKWASHER - MED. SEC. | 1 |
| 7 | | 30461 | ADJUSTING STRAP - GENERATOR | 1 |
| 8 | | 30360 | CLIP - GEN. ADJUSTING STRAP | 1 |
| 9 | | 45031 | HHCS 5/16 - 18 NC X 1 (30461 MT'G) | 1 |
| 10 | | 48465 | LOCKWASHER - HEAVY SEC. | 1 |
| 11 | | 30438 | HEX NUT - (3/8 - 16 NC) | 1 |
| 12 | | 30362 | PALNUT - 5/16 | 2 |
| 13 | | 48161 | HEX NUT - LIGHT S.F. | 2 |
| 14 | | 10027 | BRACKET - GENERATOR | 1 |
| 15 | | 10075 | STUD 3/8 - 16 NC X 1-1/4 (10027 MT'G) | 4 |
| 16 | | 48446 | LOCKWASHER - MED. SEC. | 4 |
| 17 | | 30438 | HEX NUT - (3/8 - 16 NC) | 4 |
| 18 | | 10033 | SCREW 5/16 - 24 NF X 1-1/8 (30455 MT'G) | 2 |
| 19 | | | RESERVED (SEE REF. # 5) | |
| 20 | | 10864 | PUSH BUTTON STARTER SWITCH (SEE COWL & DASH) | 1 |
| 21 | | 10860 | AMMETER ASS'Y (SEE COWL & DASH)(INC. REF. # 22) | 1 |
| 22 | | 10859 | INSULATION WASHER (SEE COWL & DASH) | 2 |
| 23 | | | RESERVED | |
| 24 | | 10008 | SPARK PLUG | 4 |
| | | 10099 | SPARK PLUG (OPTIONAL TO 10008) | 4 |
| 25 | | 10040 | CABLE - DIST. TO SPARK PLUG - LONG | 2 |
| | | 10041 | CABLE - DIST. TO SPARK PLUG - SHORT | 2 |
| 26 | | 10009 | WIRE ASS'Y - DIST. TO COIL | 1 |
| 27 | | 10012 | DISTRIBUTOR ASS'Y | 1 |
| 28 | | 10042 | CABLE - DIST. TO COIL | 1 |
| 29 | | 10018 | WIRE ASS'Y - COIL TO SUPPORT | 1 |
| 30 | | 45003 | HHCS 1/4 - 20 NC X 5/8 (10580 MT'G) | 1 |
| 31 | | 48444 | LOCKWASHER - MED. SEC. | 1 |
| 32 | | 10580 | ADVANCE ARM ASS'Y - DISTRIBUTOR | 1 |
| 33 | | 47860 | HEX NUT (1/4 - 20 NC) | 2 |
| 34 | | 10034 | SUPPORT ASS'Y - COIL | 1 |
| 35 | | 48404 | PLAINWASHER | 2 |
| 36 | | 45002 | HHCS 1/4 - 20 NC X 1/2 (10007 MT'G) | 2 |
| 37 | | 10007 | IGNITION COIL ASS'Y | 1 |
| 38 | | 48487 | LOCKWASHER | 2 |
| 39 | | 45080 | HHCS 7/16 - 14 NC X 7/8 | 2 |
| 40 | | 10010 | STARTER ASS'Y | 1 |



CLUTCH & FLYWHEEL HOUSING INSTALLATION

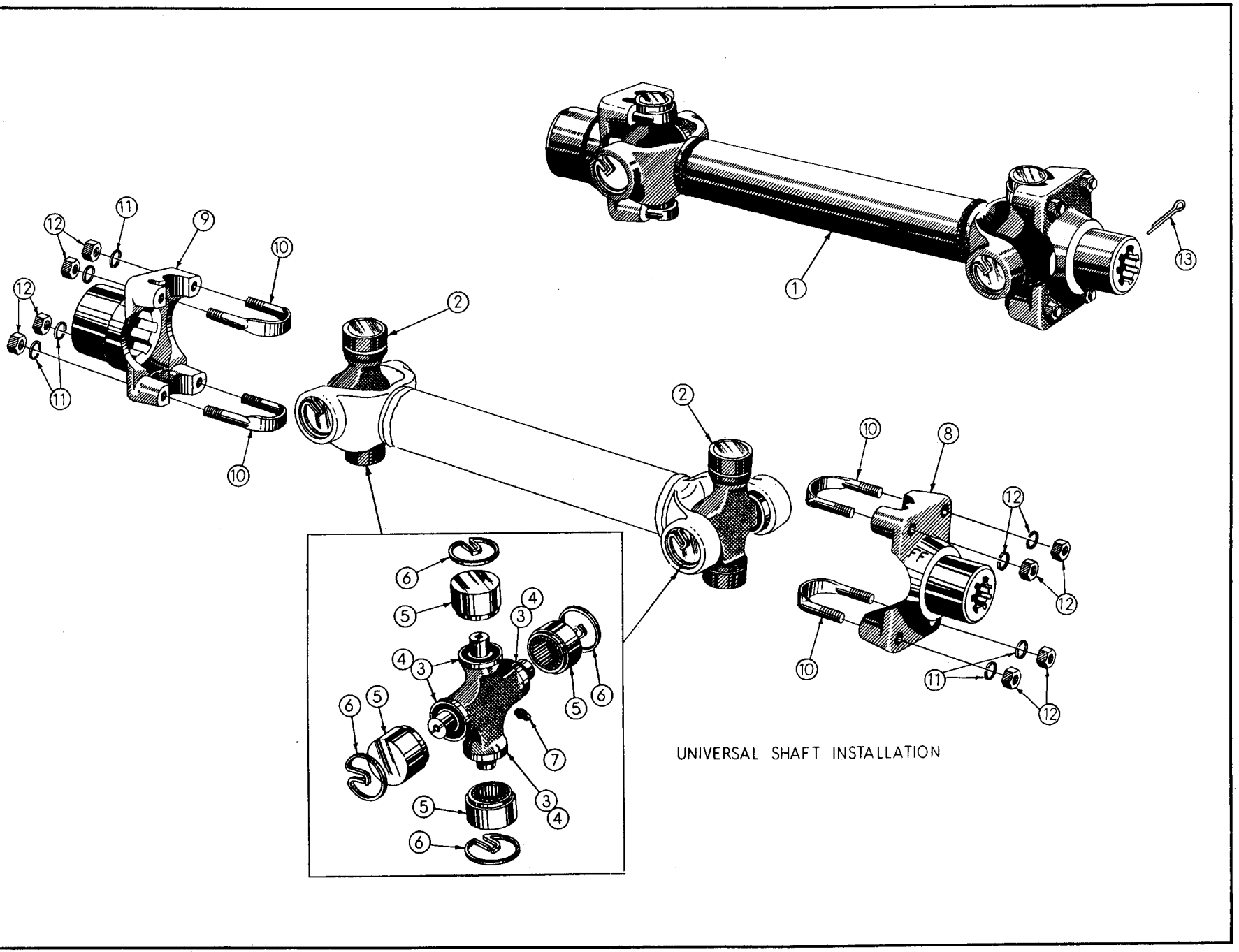
## CLUTCH & FLYWHEEL HOUSING INST.

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 40000 | PILOT BEARING | 1 |
| 2 | 31042 | | CLUTCH ASS'Y (INC. REF. #3 THRU 11) | 1 |
| 3 | | 31003 | PRESSURE PLATE | 1 |
| 4 | | 31004 | PRESSURE SPRING | 9 |
| 5 | | 31006 | LEVER ASS'Y | 3 |
| 6 | | 31005 | LEVER PIN | 3 |
| 7 | | 48682 | COTTER PIN - 3/32 DIA. X 5/8 | 3 |
| 8 | | 11008 | NUT - LEVER MT'G | 3 |
| 9 | 31022 | | CLUTCH PLATE ASS'Y (INC. REF. # 10 & 11) | 1 |
| 10 | | 31032 | FACING - CLUTCH | 2 |
| 11 | | 11016 | TUBULAR RIVET | 20 |
| 12 | | 46951 | HHCS 3/8 - 16 NC X 1 - SPECIAL (31042 MT'G) | 6 |
| 13 | | 48445 | LOCKWASHER - MED. SEC. | 6 |
| | 11026 | | CLUTCH & FLYWHEEL HSG. INST. (INC. REF. # 14 THRU 38) | 1 |
| 14 | | 30541 | CLUTCH & FLYWHEEL HSG. | 1 |
| 15 | | 49275 | GREASE FITTING - STRAIGHT - 1/4 DRIVE | 2 |
| 16 | | 30542 | SPINDLE - CLUTCH THROWOUT | 1 |
| 17 | | 36697 | RETAINER ASS'Y - SPINDLE (INC. REF. # 18) | 1 |
| 18 | | 40600 | OIL SEAL | 1 |
| 19 | | 45058 | HHCS 3/8 - 16 NC X 1-1/2 ( & 30542 MT'G) | 4 |
| 20 | | 48446 | LOCKWASHER - MED. SEC. | 4 |
| 21 | | 49200 | GREASE FITTING - STRAIGHT - 1/8 NP | 1 |
| 22 | | 31024 | SNAP RING | 1 |
| 23 | | 40001 | BALL BEARING ASS'Y | 1 |
| 24 | | 11043 | CARRIER - THROWOUT BEARING | 1 |
| 25 | | 40500 | THROWOUT BEARING ASS'Y | 1 |
| 26 | | 31028 | DRIVE SHAFT - CLUTCH | 1 |
| 27 | | 51040-12 | HOSE ASS'Y - THROWOUT BEARING LUBE | 1 |
| 28 | | 50464 | MALE ELBOW 90° - 1/8 NP TO 1/4 SAE | 1 |
| 29 | | 49200 | GREASE FITTING - STRAIGHT - 1/8 NP | 1 |
| 30 | | 11038 | CROSS SHAFT - CLUTCH | 1 |
| 31 | | 48762 | WOODRUFF KEY | 2 |
| 32 | | 11039 | LEVER - BR'G CARRIER OPERATING | 2 |
| 33 | | 45660 | HHCS 3/8 - 24 NF X 2 (11039 MT'G) | 2 |
| 34 | | 48446 | LOCKWASHER - MED. SEC. | 2 |
| 35 | | 48102 | HEX NUT - REG. S.F. | 2 |
| 36 | | 30544 | COVER - CLUTCH HOUSING | 1 |
| 37 | | 45027 | HHCS 5/16 - 18 NC X 1/2 (30544 MTG) | 4 |
| 38 | | 48445 | LOCKWASHER - MED. SEC. | 4 |
| 39 | | 45058 | HHCS 3/8 - 16 NC X 1-1/2 (11026 MT'G) | 5 |
| 40 | | 48446 | LOCKWASHER - MED. SEC. | 5 |

CLUTCH & FLYWHEEL HOUSING INST. CONT'D

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 41 | | 45658 | HHCS 3/8 - 24 NF X 1-1/2 (11026 MT'G) | 3 |
| 42 | | 48446 | LOCKWASHER - MED. SEC. | 3 |
| 43 | | 48102 | HEX NUT - REG. S.F. | 3 |
| 44 | | 45083 | HHCS 7/16 - 14 NC X 1-1/2 (11026 MT'G) | 2 |
| 45 | | 48447 | LOCKWASHER - MED. SEC. | 2 |
| 46 | | 11037 | OUTSIDE LEVER - CROSS SHAFT OPERATING | 1 |
| 47 | | 48762 | WOODRUFF KEY | 1 |
| 48 | | 45660 | HHCS 3/8 - 24 NF X 2 (11037 MT'G) | 1 |
| 49 | | 48446 | LOCKWASHER - MED. SEC. | 1 |
| 50 | | 48102 | HEX NUT - REG. S.F. | 1 |

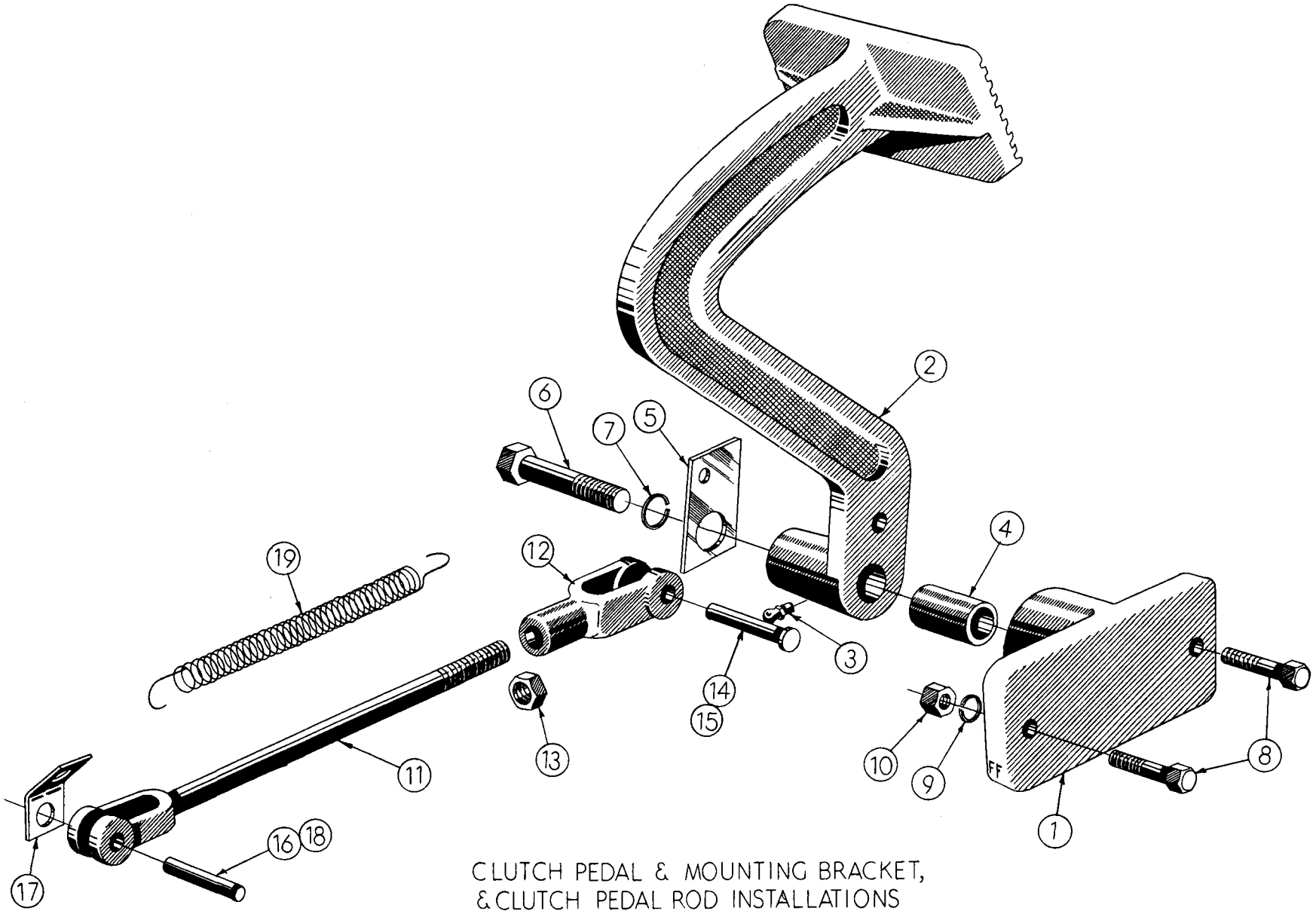
MEMORANDUM




UNIVERSAL SHAFT INSTALLATION

## UNIVERSAL SHAFT INSTALLATION

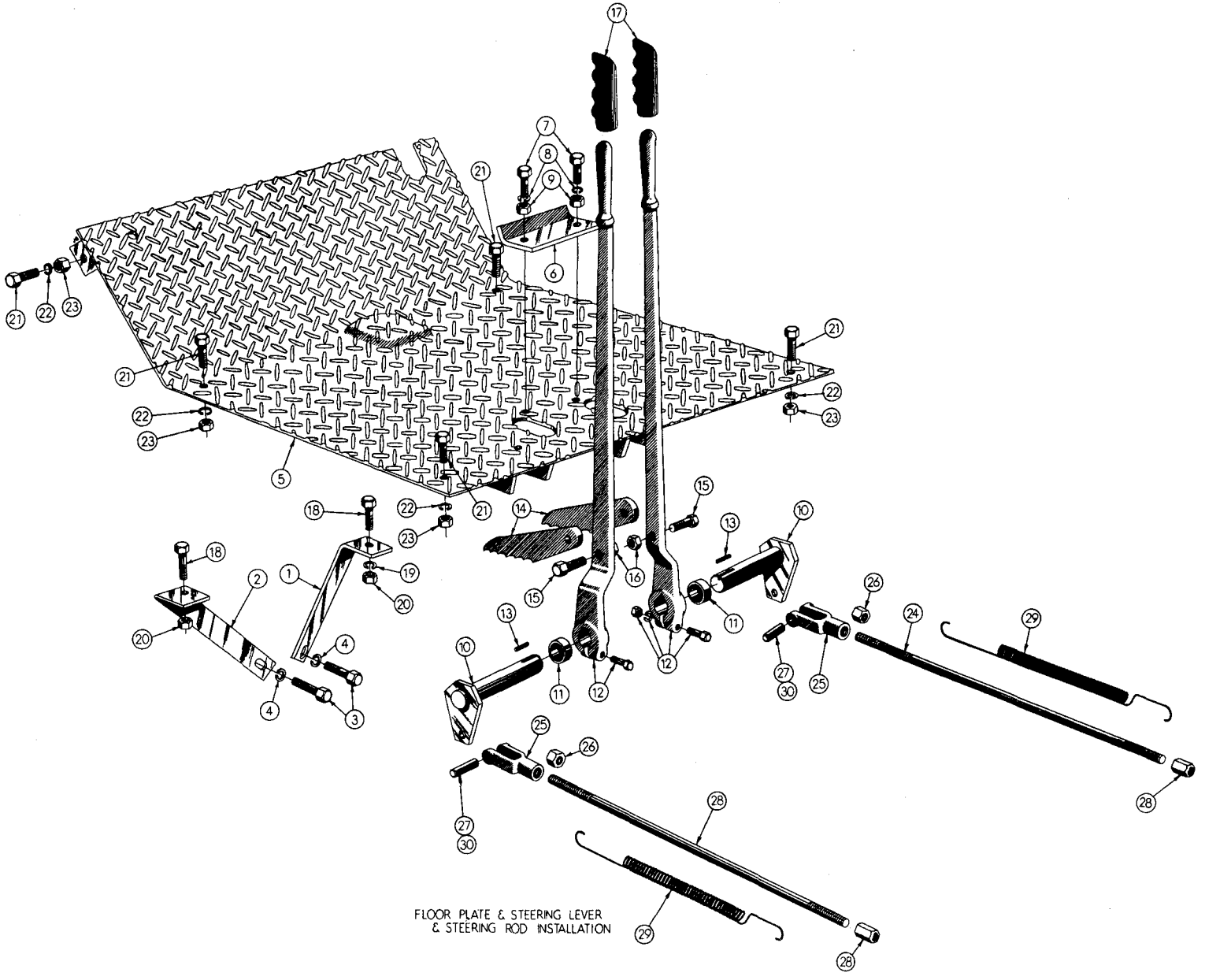
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | 11250-1 | | UNIVERSAL SHAFT INST. (INC. REF. # 2 THRU 12) | 1 |
| 2 | 11270 | | JOURNAL & BEARING KIT (INC. REF. # 3 THRU 7) | 2 |
| 3 | | 11271 | RETAINER - JOURNAL GASKET | 4 |
| 4 | | 11272 | GASKET - JOURNAL | 4 |
| 5 | | 11257 | BEARING ASS'Y - JOURNAL | 4 |
| 6 | | 11256 | SNAP RING - JOURNAL | 4 |
| 7 | | 49260 | GREASE FITTING - 1/4 - 28 NF - STRAIGHT | 1 |
| 8 | | 11259 | END YOKE - REAR | 1 |
| 9 | | 11258 | END YOKE - FRONT | 1 |
| 10 | | 11260 | "U" - BOLT | 4 |
| 11 | | 48445 | LOCKWASHER - MED. SEC. | 8 |
| 12 | | 48161 | HEX NUT - LIGHT S.F. | 8 |
| 13 | | 48714 | COTTER PIN - 5/32 DIA. 2-1/2 | 1 |




CLUTCH PEDAL & MOUNTING BRACKET,
& CLUTCH PEDAL ROD INSTALLATIONS

## CLUTCH PEDAL & MT'G BRACKET

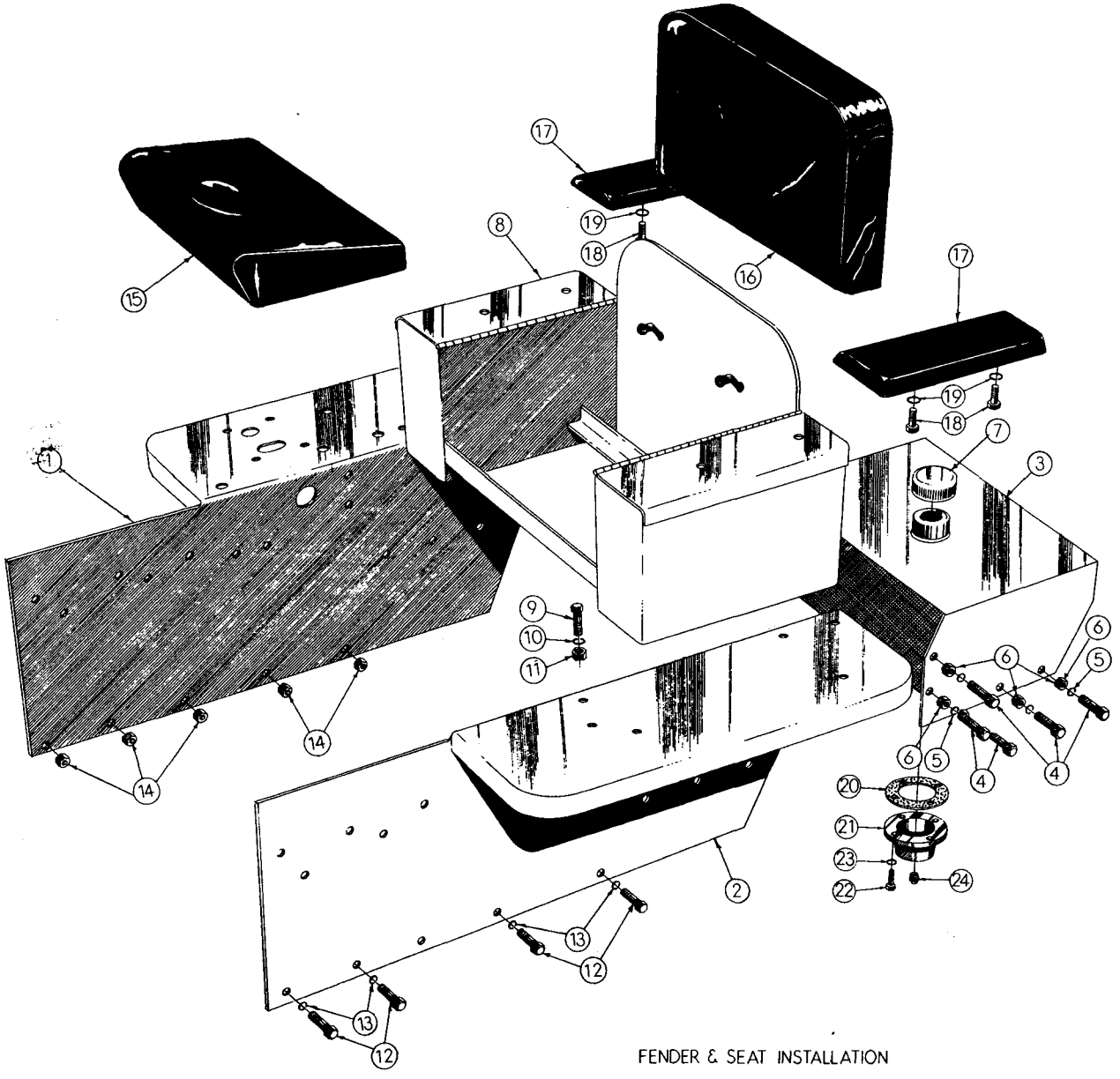
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 11025 | MOUNTING BRACKET - CLUTCH PEDAL | 1 |
| 2 | | 11030 | CLUTCH PEDAL | 1 |
| 3 | | 49275 | GREASE FITTING - STRAIGHT - DRIVE TYPE | 1 |
| 4 | | 11031 | BUSHING - CLUTCH PEDAL | 1 |
| 5 | | 11470 | SPRING ANCHOR | 1 |
| 6 | | 45162 | HHCS 5/8 - 11 NC X 2-1/2 (11030 MT'G) | 1 |
| 7 | | 48450 | LOCKWASHER - MED. SEC. | 1 |
| 8 | | 45682 | HHCS 7/16 - 20 NF X 1-1/4 (11025 MT'G) | 2 |
| 9 | | 48447 | LOCKWASHER - MED. SEC. | 2 |
| 10 | | 48103 | HEX NUT - REG. S.F. | 2 |
| 11 | | 11035 | ROD ASS'Y - CLUTCH PEDAL | 1 |
| 12 | | 48605 | ADJUSTABLE YOKE END | 1 |
| 13 | | 48104 | HEX NUT - REG. S.F. (1/2 - 20 NF) | 1 |
| 14 | | 48665 | YOKE PIN - SAE STANDARD | 1 |
| 15 | | 48695 | COTTER PIN - 1/8 DIA. X 1 | 1 |
| 16 | | 30623 | YOKE PIN | 1 |
| 17 | | 30622 | RETAINER | 1 |
| 18 | | 48695 | COTTER PIN - 1/8 DIA. X 1 | 2 |
| 19 | | 11469 | SPRING - CLUTCH PEDAL RETURN | 1 |




FLOOR PLATE & STEERING LEVER
& STEERING ROD INSTALLATION

## FLOOR PLATE & STEERING INSTALLATION

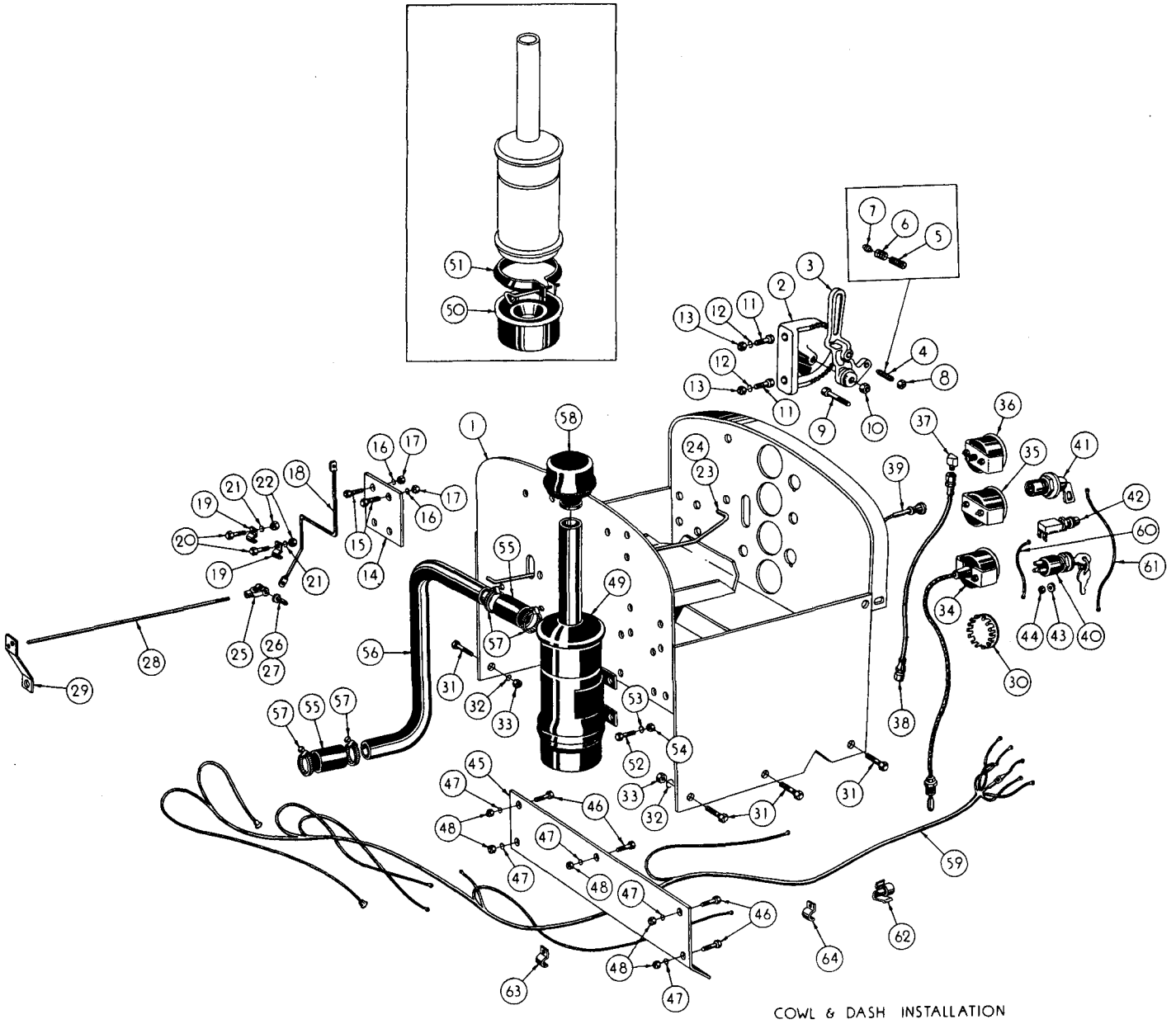
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 33605 | BRACE - FLOOR PLATE - RH | 1 |
| 2 | | 33606 | BRACE - FLOOR PLATE - LH | 1 |
| 3 | | 45156 | HHCS 5/8 - 11 NC X 1" (33605 & 33606 MT'G) | 2 |
| 4 | | 48450 | LOCKWASHER - MED. SEC. | 2 |
| 5 | | 33595 | FLOOR PLATE ASS'Y | 1 |
| 6 | | 33598 | RATCHET PLATE | 1 |
| 7 | | 45707 | HHCS 1/2 - 20 NF X 1-1/4 (33598 MT'G) | 2 |
| 8 | | 48448 | LOCKWASHER - MED. SEC. | 2 |
| 9 | | 48104 | HEX NUT - REG. S.F. | 2 |
| 10 | | 33600 | BRAKE SHAFT & LEVER ASS'Y | 2 |
| 11 | | 33603 | SPACER - BRAKE SHAFT | 2 |
| 12 | | 31387 | BRAKE LEVER ASS'Y | 2 |
| 13 | | 48816 | SQUARE KEY | 2 |
| 14 | | 33604 | RATCHET - BRAKE LEVER | 2 |
| 15 | | 45658 | HHCS 3/8 - 24 NF X 1-1/2 (33604 MT'G) | 2 |
| 16 | | 48192 | HEX JAM NUT - REG. S.F. | 2 |
| 17 | | 31400 | RUBBER GRIP | 2 |
| 18 | | 45656 | HHCS 3/8 - 24 NF X 1" (33595 MT'G) | 2 |
| 19 | | 48446 | LOCKWASHER - MED. SEC. | 2 |
| 20 | | 48102 | HEX NUT - REG. S.F. | 2 |
| 21 | | 45656 | HHCS 3/8 - 24 NF X 1 (33595 MT'G) | 6 |
| 22 | | 48446 | LOCKWASHER - MED. SEC. | 6 |
| 23 | | 48102 | HEX NUT - REG. S.F. | 6 |
| 24 | | 31386 | STEERING ROD | 1 |
| 25 | | 48603 | ADJUSTABLE YOKE END | 1 |
| 26 | | 48102 | HEX NUT - REG. S.F. | 1 |
| 27 | | 30621 | YOKE PIN - SAE STANDARD | 2 |
| 28 | | 11471 | NUT - STEERING ROD | 2 |
| 29 | | 11469 | SPRING - BRAKE LEVER RETURN | 2 |
| 30 | | 48693 | COTTER PIN - 1/8 DIA. X 3/4 | 2 |




FENDER & SEAT INSTALLATION

## FENDER & SEAT INST.

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 32396 | FENDER ASS'Y - RH | 1 |
| 2 | | 33093 | FENDER ASS'Y - LH | 1 |
| 3 | | 13635 | FUEL TANK ASS'Y | 1 |
| 4 | | 45654 | HHCS 3/8 - 24 NF X 3/4 (13635 MT'G) | 10 |
| 5 | | 48446 | LOCKWASHER - MED. SEC. | 10 |
| 6 | | 48102 | HEX NUT - REG. S.F. | 10 |
| 7 | | 10731 | CAP - FUEL TANK | 1 |
| 8 | | 13640 | SEAT ASS'Y | 1 |
| 9 | | 45654 | HHCS 3/8 - 24 NF X 3/4 (13640 MT'G) | 8 |
| 10 | | 48446 | LOCKWASHER - MED. SEC. | 8 |
| 11 | | 48102 | HEX NUT - REG. S.F. | 8 |
| 12 | | 45656 | HHCS 3/8 - 24 NF X 1 (32396 & 33093 MT'G) | 9 |
| 13 | | 48446 | LOCKWASHER - MED. SEC. | 9 |
| 14 | | 48102 | HEX NUT - REG. S.F. | 9 |
| 15 | | 33526 | SEAT CUSHION | 1 |
| 16 | | 33529 | SEAT BACK CUSHION | 1 |
| 17 | | 34702 | ARM REST CUSHION | 2 |
| 18 | | 45004 | HHCS 1/4 - 20 NC X 3/4 (34702 MT'G) | 4 |
| 19 | | 48444 | LOCKWASHER - MED. SEC. | 4 |
| 20 | | 30780 | GASKET - DRAIN COVER | 1 |
| 21 | | 34574 | COVER - FUEL TANK DRAIN | 1 |
| 22 | | 45656 | HHCS 3/8 - 24 NF X 1 (34574 MT'G) | 4 |
| 23 | | 48446 | LOCKWASHER - MED. SEC. | 4 |
| 24 | | 41973 | PIPE PLUG - EXT. SQ. HEAD - 1/8 NP | 1 |


COWL & DASH INSTALLATION

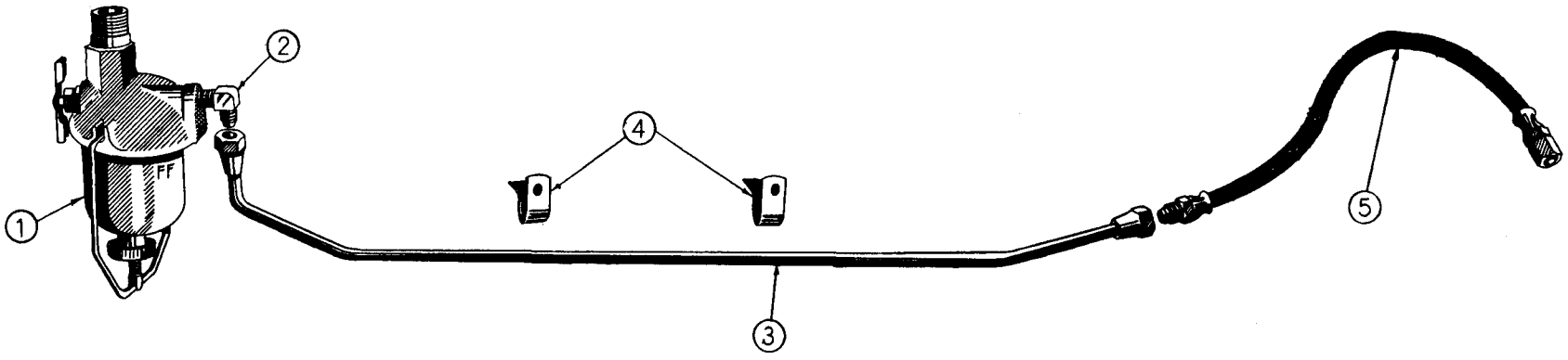
COWL & DASH INST.

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 33669 | COWL & DASH ASS'Y | 1 |
| 2 | | 30915 | PROTRACTOR | 1 |
| 3 | | 30916 | LEVER - THROTTLE CONTROL | 1 |
| 4 | 30920 | | POPPET INST. (INC. REF. # 5 THRU 7) | 1 |
| 5 | | 30917 | POPPET CONTAINER | 1 |
| 6 | | 30918 | POPPET SPRING | 1 |
| 7 | | 30919 | POPPET | 1 |
| 8 | | 48194 | HEX JAM NUT - REG. S.F. (1/2 - 20 NF) | 1 |
| 9 | | 45061 | HHCS 3/8 - 16 NC X 2-1/4 (30916 MT'G) | 1 |
| 10 | | 47802 | HEX NUT - REG. S.F. | 1 |
| 11 | | 45657 | HHCS 3/8 - 24 NF X 1-1/4 (30915 MT'G) | 2 |
| 12 | | 48446 | LOCKWASHER - MED. SEC. | 2 |
| 13 | | 48102 | HEX NUT - REG. S.F. | 2 |
| 14 | | 30938 | SUPPORT PLATE - THROTTLE | 1 |
| 15 | | 45631 | HHCS 5/16 - 24 NF X 1 (30938 MT'G) | 2 |
| 16 | | 48445 | LOCKWASHER - MED. SEC. | 2 |
| 17 | | 48101 | HEX NUT - REG. S.F. | 2 |
| 18 | | 33941 | CRANK - THROTTLE | 1 |
| 19 | | 49788 | CLAMP (33941 MT'G) | 2 |
| 20 | | 45604 | HHCS 1/4 - 28 NF X 3/4 (49788 MT'G) | 2 |
| 21 | | 48444 | LOCKWASHER - MED. SEC. | 2 |
| 22 | | 48100 | HEX NUT - REG. S.F. | 2 |
| 23 | | 30937 | ROD - THROTTLE TO CRANK | 1 |
| 24 | | 48693 | COTTER PIN - 1/8 DIA. X 3/4 | 2 |
| 25 | | 48601 | ADJUSTABLE YOKE END | 1 |
| 26 | | 48661 | YOKE PIN - SAE STANDARD | 1 |
| 27 | | 48674 | COTTER PIN - 1/16 DIA. X 3/4 | 1 |
| 28 | | 30934 | ROD - THROTTLE CONTROL | 1 |
| 29 | | 60659 | GUIDE - THROTTLE CONTROL ROD | 1 |
| 30 | | 30842 | BUTTON PLUG | UAR |
| 31 | | 45656 | HHCS 3/8 - 24 NF X 1 (33669 MT'G) | 6 |
| 32 | | 48446 | LOCKWASHER - MED. SEC. | 6 |
| 33 | | 48102 | HEX NUT - REG. S.F. | 6 |
| 34 | | 11284 | HEAT INDICATOR ASS'Y | 1 |
| 35 | | 10860 | AMMETER ASS'Y | 1 |
| 36 | | 10818 | OIL PRESSURE GAUGE ASS'Y | 1 |
| 37 | | 50476 | FEMALE ELBOW 90° - 1/8 NP TO 1/4 SAE | 1 |
| 38 | | 51040-36 | HOSE ASS'Y | 1 |
| 39 | | 10856 | CARBURETOR CHOKE CONTROL ASS'Y | 1 |
| 40 | | 10868 | LOCK SWITCH ASS'Y | 1 |

COWL & DASH INST. CONT'D

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 41 | | 10855 | SWITCH ASS'Y - HEADLIGHTS | 1 |
| 42 | | 10864 | PUSH BUTTON STARTER SWITCH ASS'Y | 1 |
| 43 | | 48549 | PLAINWASHER - BRASS (10864 MT'G) | 3 |
| 44 | | 48081 | HEX NUT - BRASS (10864 MT'G) | 3 |
| 45 | | 33673 | CENTER PLATE - COWL & DASH | 1 |
| 46 | | 45656 | HHCS 3/8 - 24 NF X 1 (33673 MT'G) | 5 |
| 47 | | 48446 | LOCKWASHER - MED. SEC. | 5 |
| 48 | | 48102 | HEX NUT - REG. S.F. | 5 |
| 49 | | 10800 | AIR CLEANER ASS'Y (INC. REF. # 50 & 51) | 1 |
| 50 | | 10810 | OIL CUP ASS'Y | 1 |
| 51 | | 10811 | RETAINING CLAMP ASS'Y - OIL CUP | 1 |
| 52 | | 45629 | HHCS 5/16 - 24 NF X 3/4 (10800 MTG) | 4 |
| 53 | | 48445 | LOCKWASHER - MED. SEC. | 4 |
| 54 | | 48101 | HEX NUT - REG. S.F. | 4 |
| 55 | | 10829 | HOSE - AIR CLEANER | 2 |
| 56 | | 34398 | TUBE - AIR CLEANER | 1 |
| 57 | | 49764 | HOSE CLAMP | 4 |
| 58 | | 30678 | CAP - AIR CLEANER INLET | 1 |
| 59 | | 30866 | WIRING HARNESS ASS'Y (INC. REF. # 60 & 61) | 1 |
| 60 | | 30863 | JUMPER WIRE | 1 |
| 61 | | 30864 | JUMPER WIRE | 2 |
| 62 | | 49876 | CLIP - WIRING (30866 MT'G) | 6 |
| 63 | | 49853 | CLAMP (30866 MT'G) | 4 |
| 64 | | 49852 | CLAMP (30866 MT'G) | 2 |

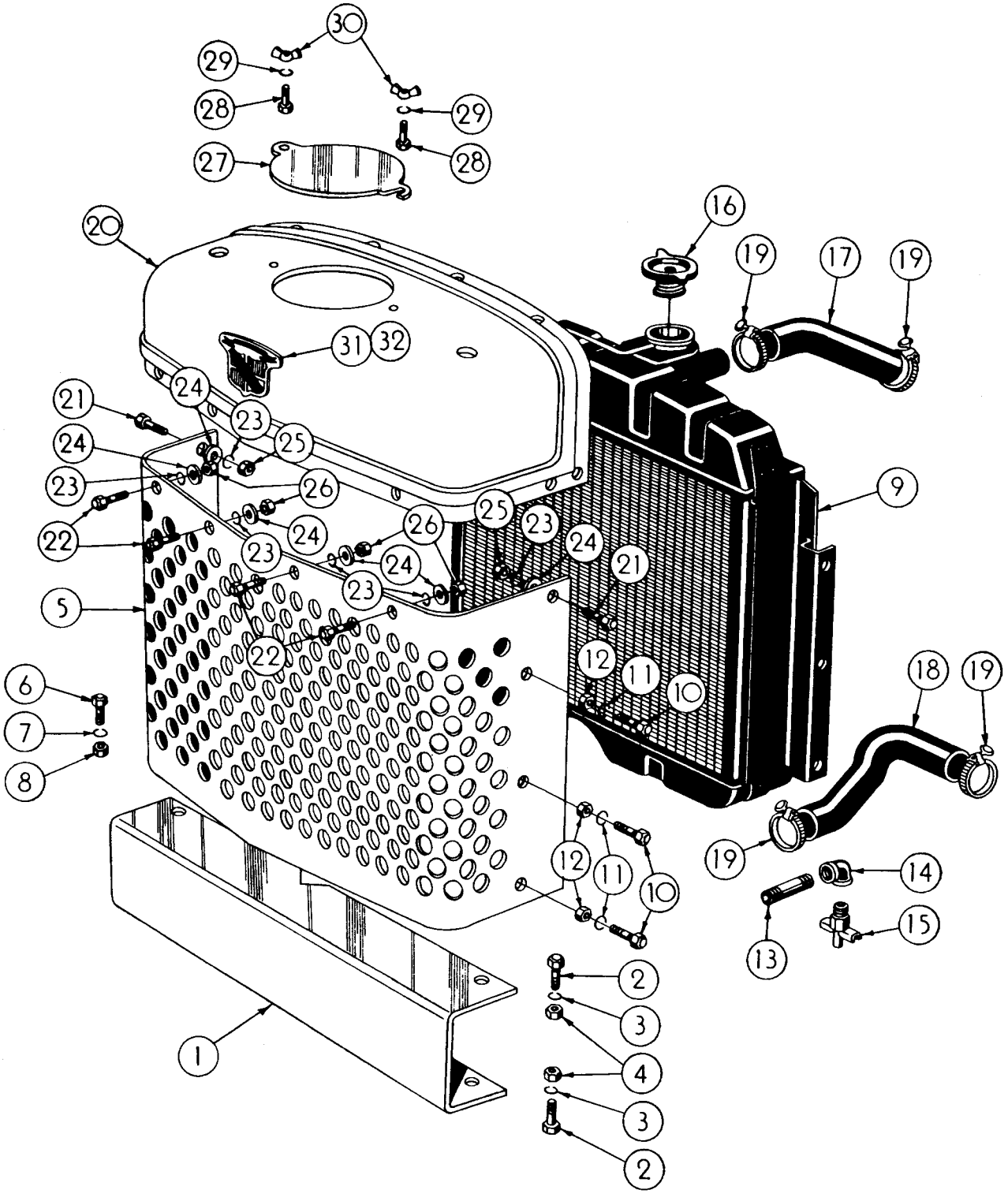
MEMORANDUM




FUEL LINE & STRAINER INSTALLATIONS

## FUEL LINE & STRAINER INST.

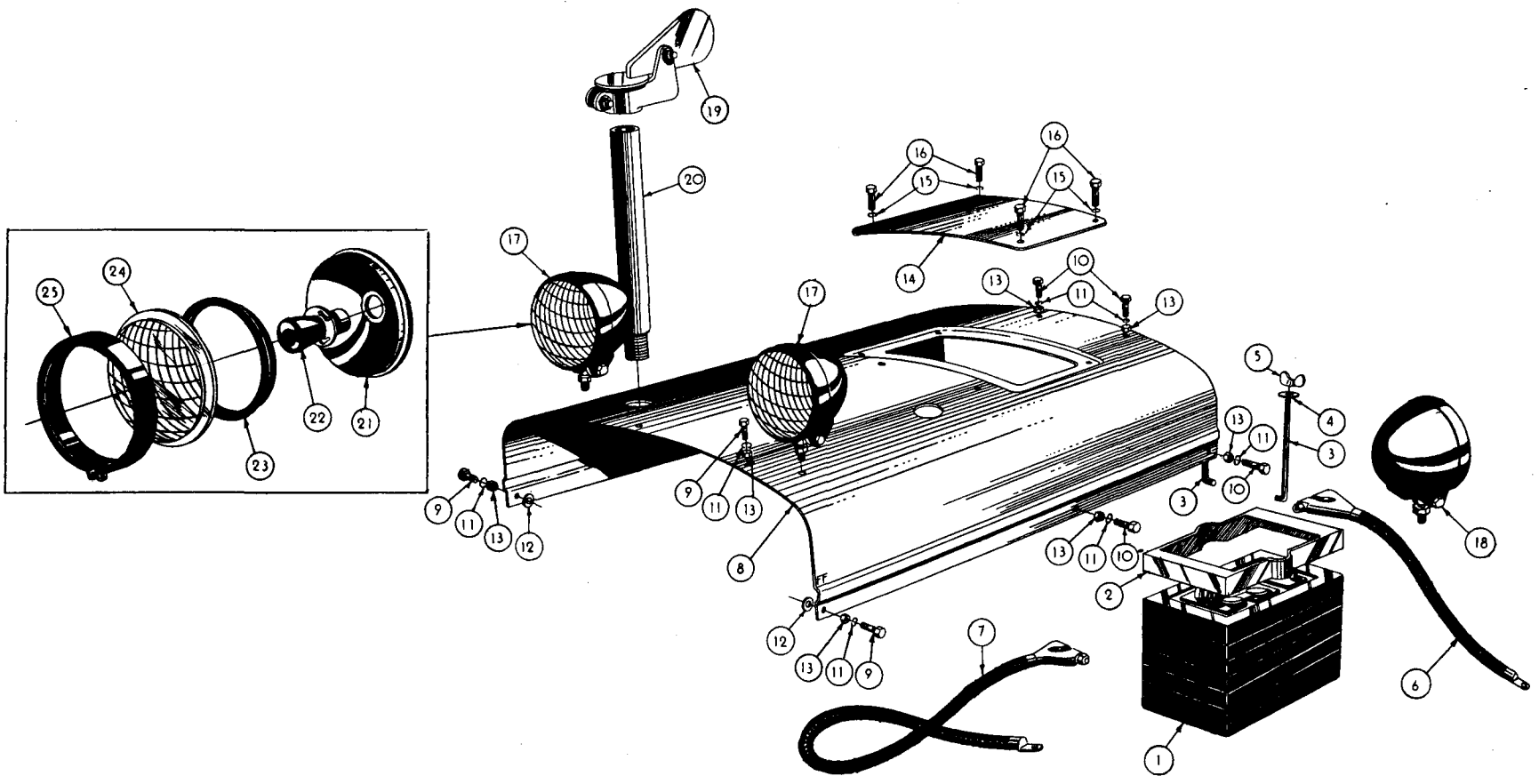
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 33487 | FUEL STRAINER ASS'Y | 1 |
| 2 | | 50464 | MALE ELBOW 90° - 1/8 NP TO 1/4 SAE | 1 |
| 3 | | 30794 | FUEL LINE ASS'Y | 1 |
| 4 | | 49851 | TUBE CLAMP | 2 |
| 5 | | 51041-12 | HOSE ASS'Y | 1 |




RADIATOR SHROUD & BUMPER INSTALLATION

## RADIATOR, SHROUD, & BUMPER INST.

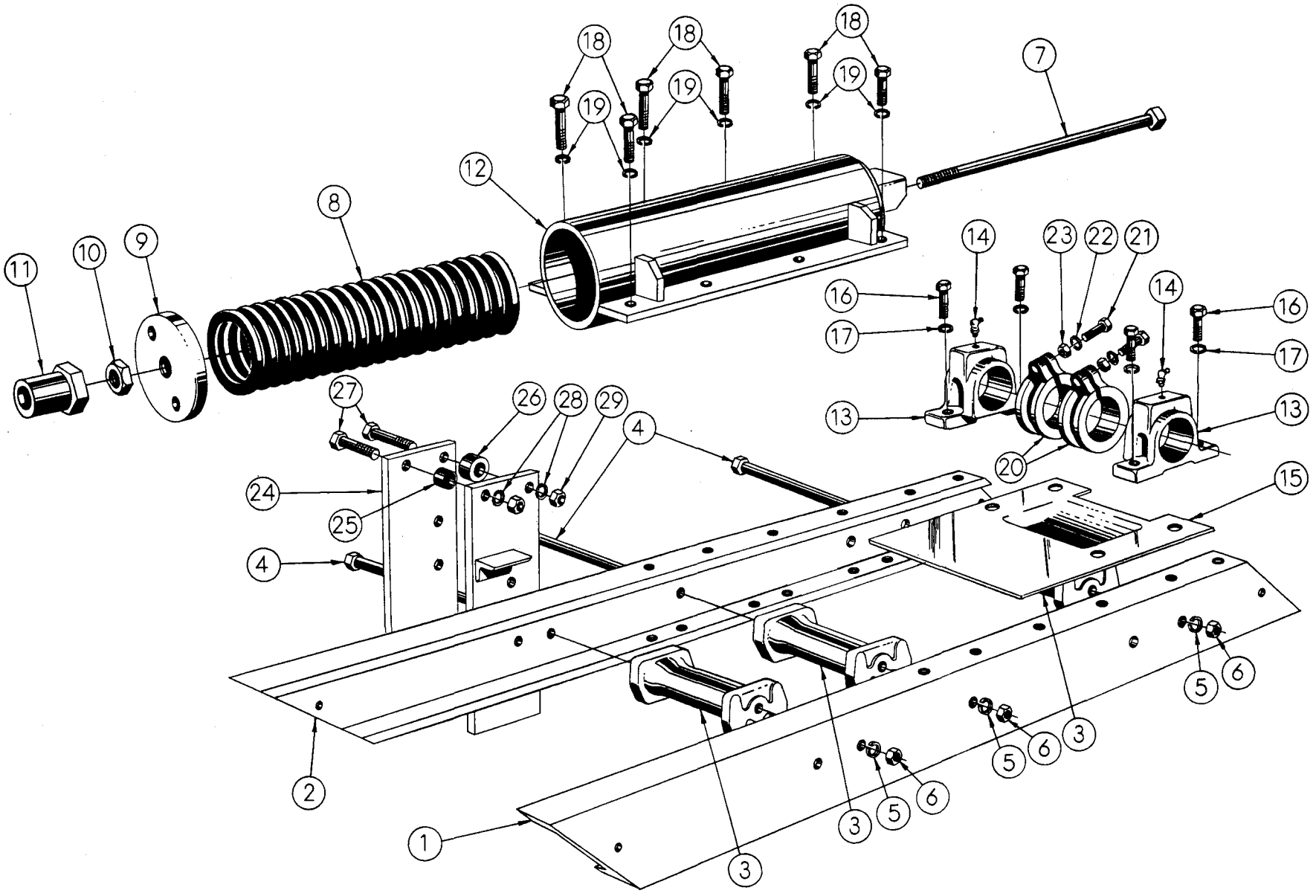
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 15526 | FRONT BUMPER ASS'Y | 1 |
| 2 | | 45707 | HHCS 1/2 - 20 NF X 1-1/4 (15526 MT'G) | 4 |
| 3 | | 48448 | LOCKWASHER - MED. SEC. | 4 |
| 4 | | 48104 | HEX NUT - REG. S.F. | 4 |
| 5 | | 33308 | WRAP AROUND ASS'Y | 1 |
| 6 | | 45707 | HHCS 1/2 - 20 NF X 1-1/4 (33308 MT'G) | 4 |
| 7 | | 48448 | LOCKWASHER - MED. SEC. | 4 |
| 8 | | 48104 | HEX NUT - REG. S.F. | 4 |
| 9 | | 34965 | RADIATOR ASS'Y | 1 |
| 10 | | 45630 | HHCS 5/16 - 24 NF X 7/8 (34965 MT'G) | 6 |
| 11 | | 48445 | LOCKWASHER - MED. SEC. | 6 |
| 12 | | 48101 | HEX NUT - REG. S.F. | 6 |
| 13 | | 41475 | PIPE NIPPLE - 1/4 NP X 2 | 1 |
| 14 | | 41903 | FEMALE ELBOW 90° - 1/4 NP | 1 |
| 15 | | 41853 | SPECIAL DRAINCOCK | 1 |
| 16 | | 10709 | PRESSURE CAP - RADIATOR | 1 |
| 17 | | 30747 | HOSE - RADIATOR INLET | 1 |
| 18 | | 30739 | HOSE - RADIATOR OUTLET | 1 |
| 19 | | 49763 | HOSE CLAMP | 4 |
| 20 | | 30716 | RADIATOR SHROUD CASTING | 1 |
| 21 | | 45053 | HHCS 3/8 - 16 NC X 5/8 (30716 MT'G) | 2 |
| 22 | | 45656 | HHCS 3/8 - 24 NF X 1 (30716 MT'G) | 4 |
| 23 | | 48446 | LOCKWASHER - MED. SEC. | 6 |
| 24 | | 48406 | PLAINWASHER | 6 |
| 25 | | 47892 | HEX JAM NUT - REG. S.F. (3/8 - 16 NC) | 2 |
| 26 | | 48102 | HEX NUT - REG. S.F. (3/8 - 24 NF) | 6 |
| 27 | | 10717 | COVER PLATE - SHROUD | 1 |
| 28 | | 45029 | HHCS 5/16 - 18 NC X 3/4 (10717 MT'G) | 2 |
| 29 | | 48445 | LOCKWASHER - MED. SEC. | 2 |
| 30 | | 48056 | WING NUT (5/16 - 18 NC) | 2 |
| 31 | | 13767 | SHIELD PLATE | 1 |
| 32 | | 47730 | DRIVE SCREW | 3 |




HOOD, BATTERY, & RELATED PARTS INSTALLATION

## HOOD, BATTERY, & RELATED PARTS INST.

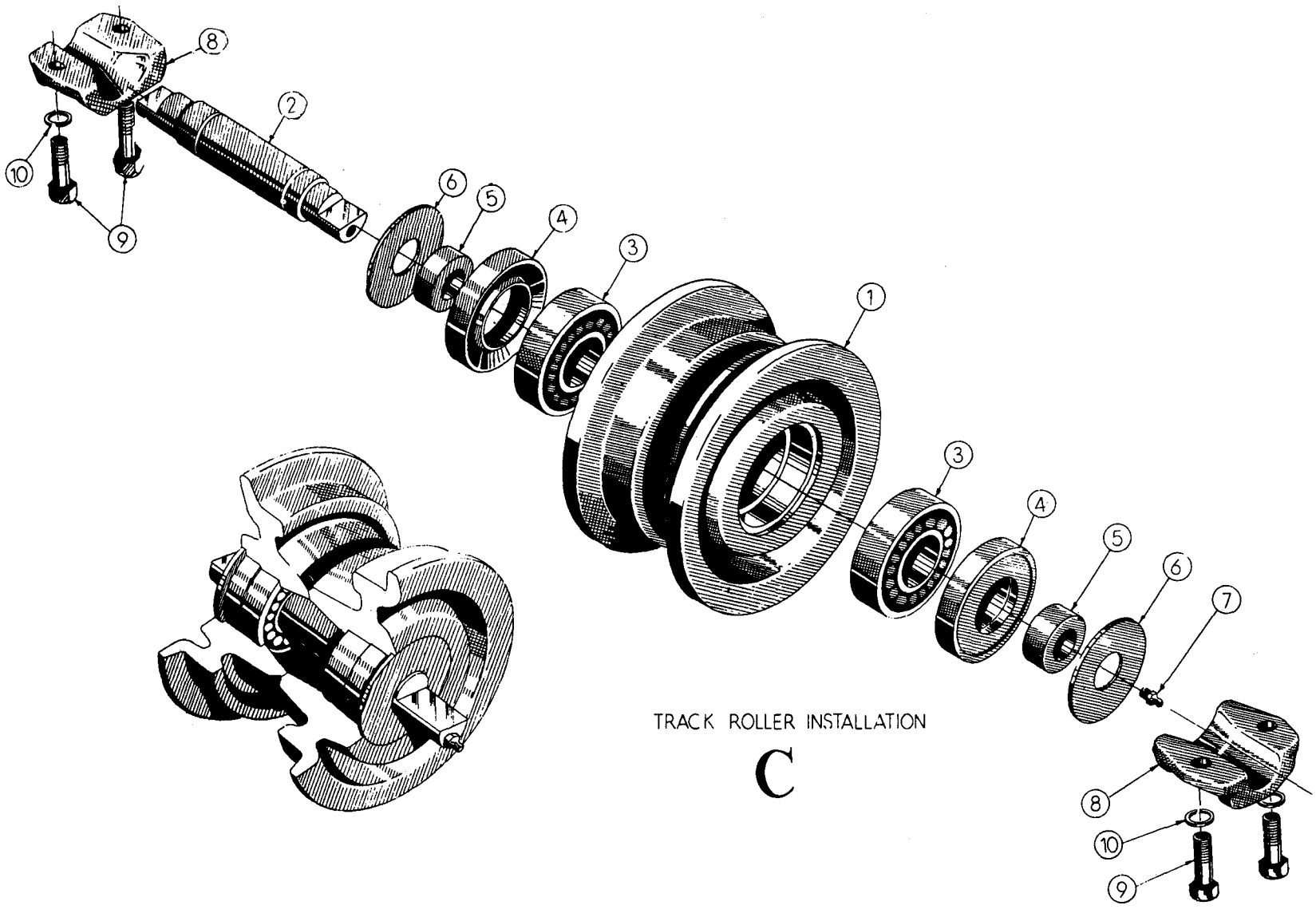
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 30870 | BATTERY | 1 |
| 2 | | 33545 | HOLD DOWN BRACKET - BATTERY | 1 |
| 3 | | 33547 | ANGLE BOLT (33545 MT'G) | 2 |
| 4 | | 48405 | PLAINWASHER | 2 |
| 5 | | 48056 | WING NUT (5/16 - 18 NC) | 2 |
| 6 | | 30875 | CABLE - BATTERY TO GROUND | 1 |
| 7 | | 30875 | CALBE - BATTERY TO STARTER | 1 |
| 8 | | 33524 | HOOD - ENGINE | 1 |
| 9 | | 45654 | HHCS 3/8 - 24 NF X 3/4 (33524 MT'G FRONT) | 6 |
| 10 | | 45654 | HHCS 3/8 - 24 NF X 3/4 (33524 MT'G REAR) | 4 |
| 11 | | 48446 | LOCKWASHER - MED. SEC. | 10 |
| 12 | | 48405 | PLAINWASHER | 10 |
| 13 | | 48102 | HEX NUT - REG. S.F. | 10 |
| 14 | | 33522 | LID - BATTERY INSPECTION | 1 |
| 15 | | 48444 | LOCKWASHER - MED. SEC. | 2 |
| 16 | | 45602 | HHCS 1/4 - 28 NF X 1/2 (33522 MT'G) | 2 |
| 17 | | 10890 | HEADLAMP ASS'Y (INC. REF. # 21 THRU 25) | 2 |
| 18 | | 10890 | TAIL LAMP ASS'Y (INC. REF. # 21 THRU 25) | 1 |
| 19 | | 10943 | RAINCAP ASS'Y (OPTIONAL) | 1 |
| 20 | | 10933 | EXHAUST PIPE ASS'Y | 1 |
| 21 | | 10893 | REFLECTOR - LAMP | 1 |
| 22 | | 30891 | BULB - LAMP | 1 |
| 23 | | 10894 | GASKET - LAMP | 1 |
| 24 | | 10895 | LENS - LAMP | 1 |
| 25 | | 10896 | MOULDING ASS'Y - LAMP | 1 |
| | | 49561 | RUBBER GROMMET (NOT SHOWN) | 2 |
| | | 48406 | PLAINWASHER (10890 MT'G)(NOT SHOWN) | 2 |
| | | 48354 | SPECIAL NUT (10890 MT'G)(NOT SHOWN) | 2 |




TRACK FRAME INSTALLATION

## RECOIL SPRING & TRACK FRAME INST.

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 31845 | TRACK CHANNEL - OUTER RH | 1 |
| | | 31846 | TRACK CHANNEL - OUTER LH | 1 |
| 2 | | 31847 | TRACH CHANNEL ASS'Y - INNER RH | 1 |
| | | 31848 | TRACK CHANNEL ASS'Y- INNER LH | 1 |
| 3 | | 32093 | SPACER - TRACK FRAME | 6 |
| 4 | | 46493 | HHMB 3/4 - 16 NF X 10-7/8 (32093 MT'G) | 6 |
| 5 | | 48452 | LOCKWASHER - MED. SEC. | 6 |
| 6 | | 48107 | HEX NUT - REG. S.F. | 6 |
| | 30478 | | RECOIL SPRING INST. - RH (INC. REF. # 7 THRU 12) | 1 |
| | 30479 | | RECOIL SPRING INST. - LH (INC. REF. # 7 THRU 12) | 1 |
| 7 | | 32094 | BOLT - TRACK ADJUSTING | 1 |
| 8 | | 12088 | SPRING - RECOIL | 1 |
| 9 | | 32096 | NUT - TENSION ADJUSTING | 1 |
| 10 | | 48199 | HEX JAM NUT (1" - 14 NF) | 1 |
| 11 | | 32095 | NUT - TRACK ADJUSTING | 1 |
| 12 | | 32140 | RECOIL SPRING HOUSING ASS'Y - RH | 1 |
| | | 32141 | RECOIL SPRING HOUSING ASS'Y - LH | 1 |
| 13 | | 15082 | PIVOT BLOCK | 4 |
| 14 | | 49232 | GREASE FITTING - 67-1/2° - 1/4 NP | 4 |
| 15 | | 32542 | MUD PAN | 2 |
| 16 | | 45784 | HHCS 3/4 - 16 NF X 1-3/4 (15082 & 32542 MT'G) | 8 |
| 17 | | 48452 | LOCKWASHER - MED. SEC. | 8 |
| 18 | | 45758 | HHCS 5/8 - 18 NF X 1-1/2 (30478 & 30479 MT'G) | 12 |
| 19 | | 48450 | LOCKWASHER - MED. SEC. | 12 |
| 20 | | 15101 | CLAMP - TRACK MT'G | 4 |
| 21 | | 45764 | HHCS 5/8 - 18 NF X 3 (15101 MT'G) | 4 |
| 22 | | 48450 | LOCKWASHER - MED. SEC. | 4 |
| 23 | | 48106 | HEX NUT - REG. S.F. | 4 |
| 24 | | 32181 | FORWARD SUPPORT PLATE | 2 |
| 25 | | 32182 | SPACER | 6 |
| 26 | | 32332 | SPACER | 2 |
| 27 | | 45764 | HHCS 5/8 - 18 NF X 3 (32181 MT'G) | 8 |
| 28 | | 48450 | LOCKWASHER - MED. SEC. | 8 |
| 29 | | 48106 | HEX NUT - REG. S.F. | 8 |

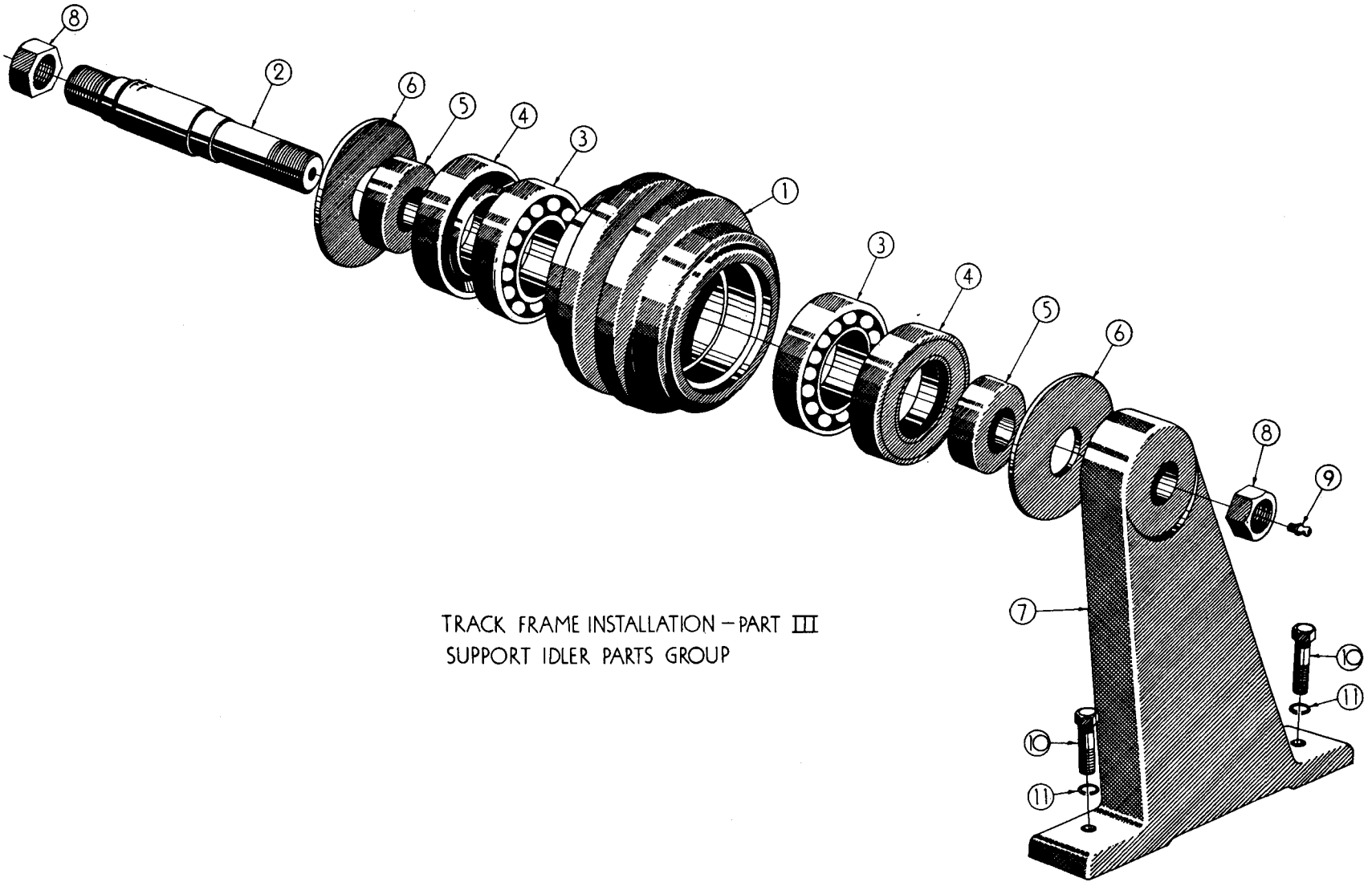



TRACK ROLLER INSTALLATION

C

TRACK ROLLER INST.

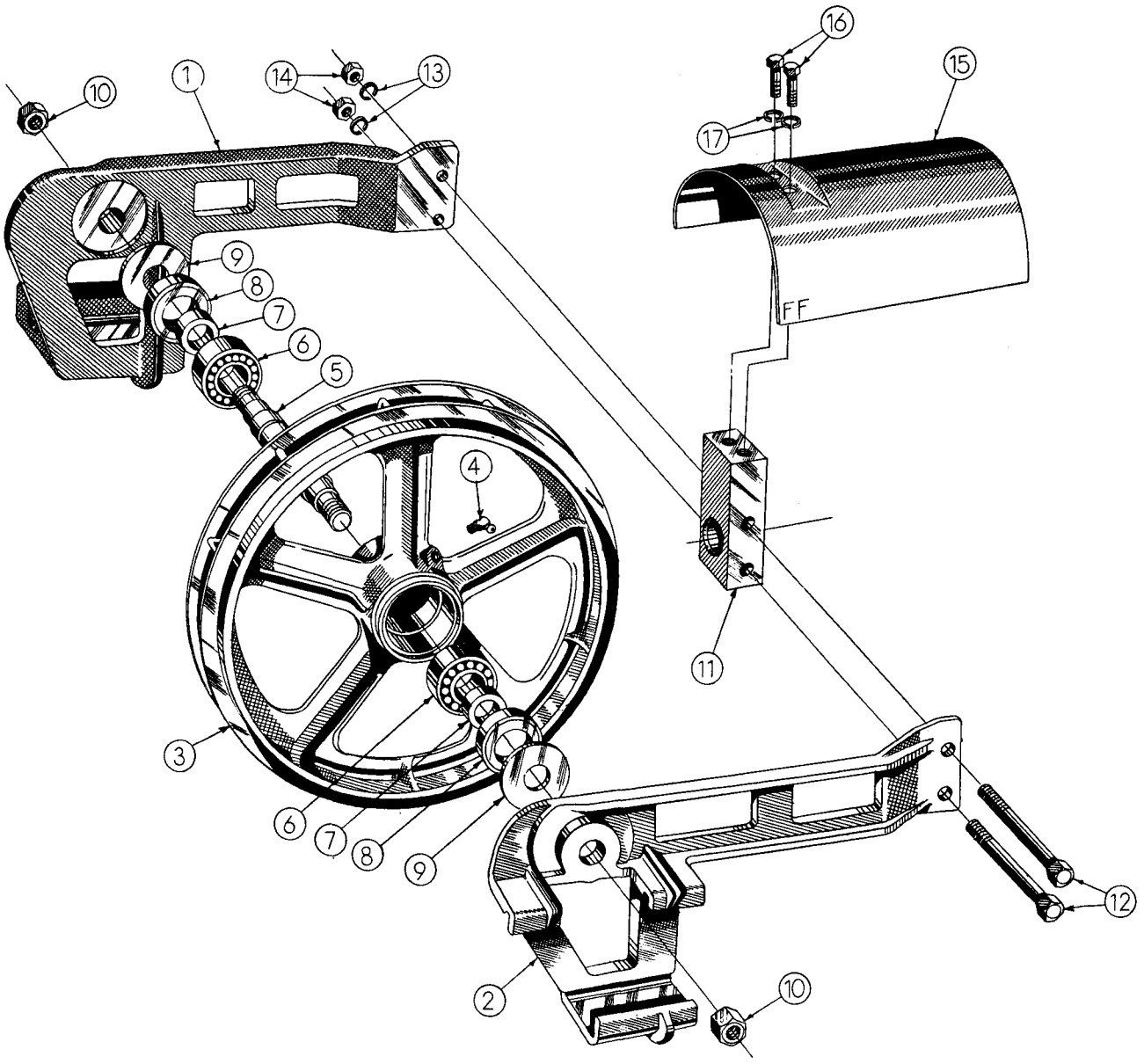
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 32032 | | TRACK ROLLER INST. (INC. REF. # 1 THRU 7) | 6 |
| 1 | | 32076 | HUB ASS'Y - TRACK ROLLER | 1 |
| 2 | | 32056 | SHAFT - TRACK ROLLER | 1 |
| 3 | | 40007 | BEARING ASS'Y | 2 |
| 4 | | 40633 | OIL SEAL | 2 |
| 5 | | 32051 | SPACER - TRACK ROLLER | 2 |
| 6 | | 30704 | SHIELD - TRACK ROLLER | 2 |
| 7 | | 49200 | GREASE FITTING - STRAIGHT - 1/8 NP | 1 |
| 8 | | 32055 | BOX - TRACK ROLLER | 12 |
| 9 | | 45708 | HHCS 1/2 - 20 NF X 1-1/2 (32055 MT'G) | 24 |
| 10 | | 48448 | LOCKWASHER - MED. SEC. | 24 |




TRACK FRAME INSTALLATION – PART III
SUPPORT IDLER PARTS GROUP

SUPPORT IDLER INST.

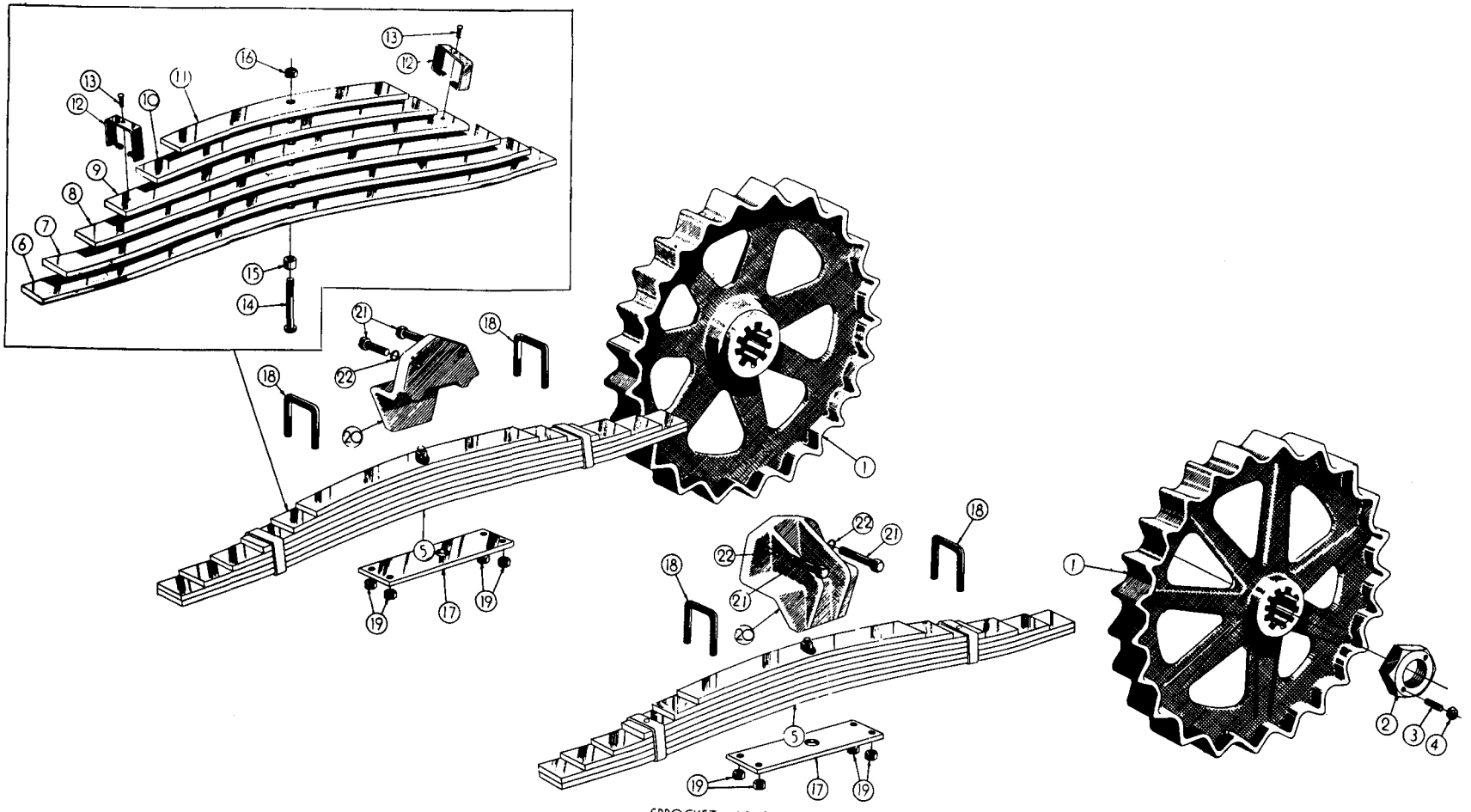
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 31165 | | TRACK SUPPORT IDLER INST. (INC. REF. # 1 THRU 9) | 2 |
| 1 | | 31163 | HUB ASS'Y - TRACK SUPPORT IDLER | 1 |
| 2 | | 30707 | SHAFT - TRACK SUPPORT IDLER | 1 |
| 3 | | 40007 | BEARING ASS'Y | 2 |
| 4 | | 40633 | OIL SEAL | 2 |
| 5 | | 32051 | SPACER - SUPPORT IDLER | 2 |
| 6 | | 30704 | SHIELD - SUPPORT IDLER | 2 |
| 7 | | 30718 | BRACKET - IDLER SUPPORT | 1 |
| 8 | | 17585 | LOCKNUT (1" - 14 NF) | 2 |
| 9 | | 49200 | GREASE FITTING - STRAIGHT - 1/8 NP | 1 |
| 10 | | 45759 | HHCS 5/8 - 18 NF X 1-3/4 (31165 MT'G) | 4 |
| 11 | | 48450 | LOCKWASHER - MED. SEC. | 4 |




FRONT IDLER INSTALLATION

FRONT IDLER INST.

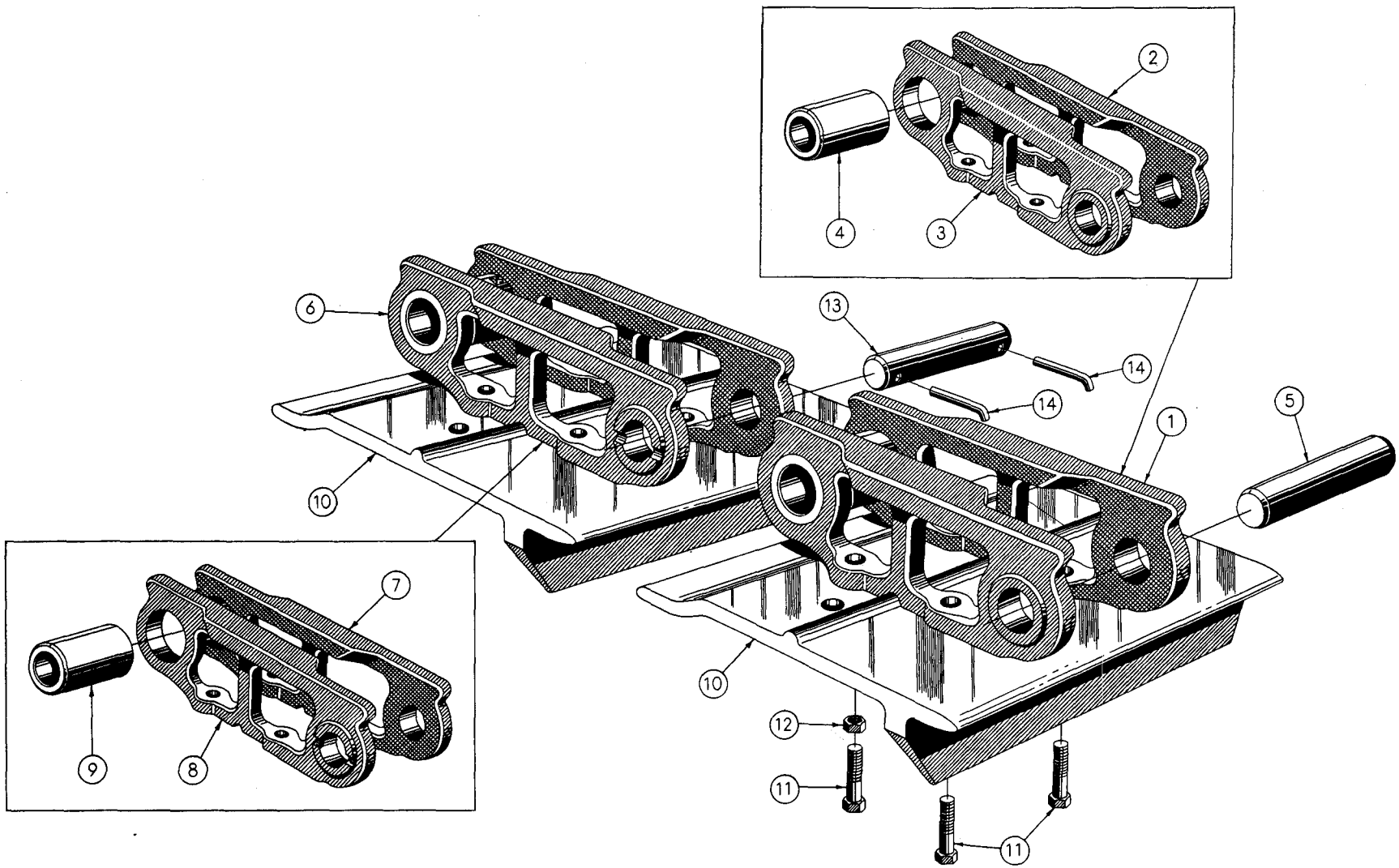
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 32066 | BRACKET - IDLER WHEEL - RH | 2 |
| 2 | | 32067 | BRACKET - IDLER WHEEL - LH | 2 |
| 3 | | 32065 | HUB - IDLER WHEEL | 2 |
| 4 | | 49232 | GREASE FITTING - 67-1/2 - 1/4 NP | 2 |
| 5 | | 32068 | SHAFT - FRONT IDLER | 2 |
| 6 | | 40007 | BEARING ASS'Y | 4 |
| 7 | | 32051 | SPACER - FRONT IDLER | 4 |
| 8 | | 40633 | OIL SEAL | 4 |
| 9 | | 30704 | SHIELD - FRONT IDLER | 4 |
| 10 | | 17585 | LOCKNUT (1" 14 NF) | 4 |
| 11 | | 32069 | SPACER BLOCK | 2 |
| 12 | | 45716 | HHCS 1/2 - 20 NF X 3-1/2 (32069 MT'G) | 4 |
| 13 | | 48448 | LOCKWASHER - MED. SEC. | 4 |
| 14 | | 48104 | HEX NUT - REG. S.F. | 4 |
| 15 | | 32074 | SLIDING SHIELD | 2 |
| 16 | | 45652 | HHCS 3/8 - 24 NF X 1/2 (30274 MT'G) | 4 |
| 17 | | 48446 | LOCKWASHER - MED. SEC. | 4 |




SPROCKET & LEAF SPRING INSTALLATIONS

## SPROCKET & LEAF SPRING INST.

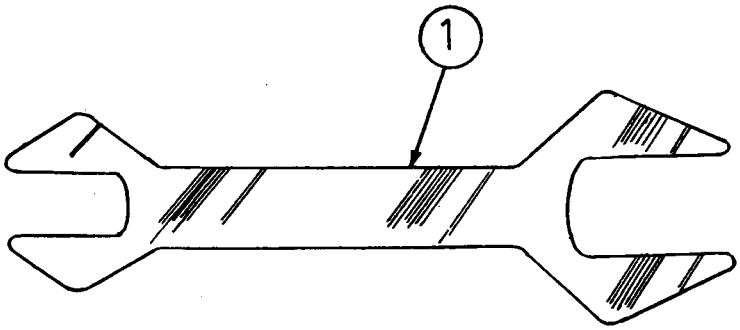
| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 11822 | SPROCKET - FINAL DRIVE | 2 |
| 2 | | 11851 | LOCKNUT - F/D SPROCKET | 2 |
| 3 | | 47301 | SET SCREW - ALLEN HD. 3/8 - 16 NC X 1 | 4 |
| 4 | | 47802 | HEX NUT- REG. S.F. | 4 |
| 5 | 31134 | | LEAF SPRING ASS'Y (INC. REF. # 6 THRU 16) | 2 |
| 6 | | 33117 | LEAF - 5/16 X 1-3/4 X 29-1/4 | 1 |
| 7 | | 33117 | LEAF - 5/16 X 1-3/4 X 29-1/4 | 1 |
| 8 | | 33118 | LEAF - 5/16 X 1-3/4 X 26-1/2 | 1 |
| 9 | | 33119 | LEAF - 5/16 X 1-3/4 X 22-1/4 | 1 |
| 10 | | 33120 | LEAF - 5/16 X 1-3/4 X 17-3/4 | 1 |
| 11 | | 33121 | LEAF - 5/16 X 1-3/4 X 13 | 1 |
| 12 | | 33123 | CLIP - LEAF SPRING | 2 |
| 13 | | 33124 | RIVET | 2 |
| 14 | | 33125 | ROUND HD. BOLT 5/16 - 24 NF X 3-1/2 | 1 |
| 15 | | 33179 | SPACER | 1 |
| 16 | | 33127 | HEX NUT (5/16 - 24 NF) | 1 |
| 17 | | 34559 | PLATE - LEAF SPRING | 2 |
| 18 | | 34558 | "U" BOLT - LEAF SPRING | 4 |
| 19 | | 11930 | LOCKNUT (3/8-24 NF) | 8 |
| 20 | | 33094 | BRACKET - LEAF SPRING RETAINING | 2 |
| 21 | | 45758 | HHCS 5/8 - 18 NF X 1-1/2 (33094 MT'G) | 4 |
| 22 | | 48450 | LOCKWASHER - MED. SEC. | 4 |

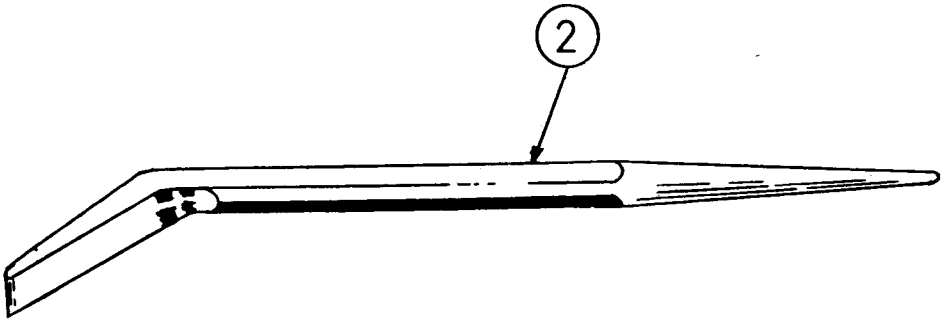


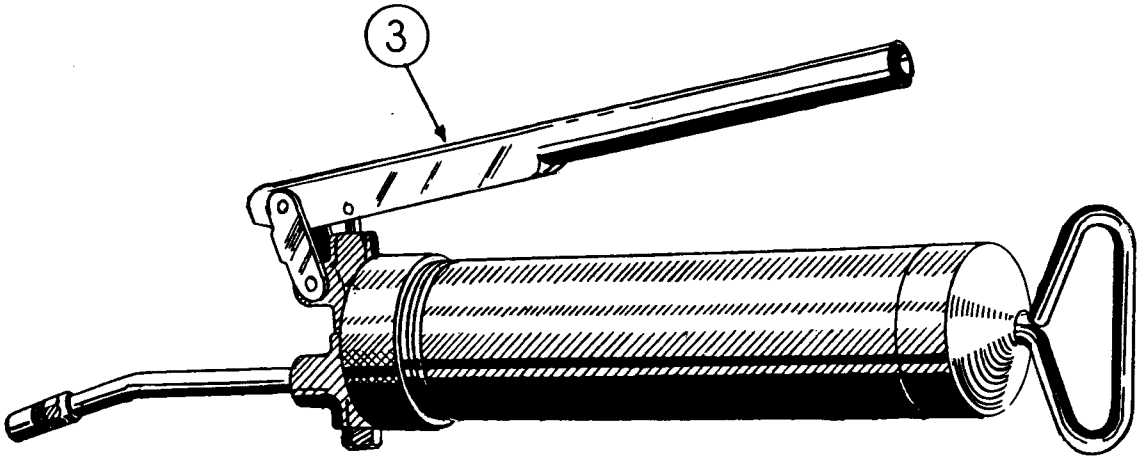

TRACK CHAIN INSTALLATION

TRACK CHAIN INST.

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | 34589 | | TRACK CHAIN ASS'Y (INC. REF. # 2 THRU 4) | 56 |
| 2 | | 30638 | TRACK LINK - RH | 1 |
| 3 | | 30639 | TRACK LINK - LH | 1 |
| 4 | | 32830 | BUSHING - TRACK CHAIN | 1 |
| 5 | | 32831 | PIN - TRACK | 56 |
| 6 | 34571 | | TRACK CHAIN MASTER ASS'Y (INC. REF. # 7 THRU 9) | 4 |
| 7 | | 33285 | TRACK MASTER LINK - RH | 1 |
| 8 | | 33286 | TRACK MASTER LINK - LH | 1 |
| 9 | | 32830 | BUSHING - TRACK CHAIN | 1 |
| 10 | | 32849 | GROUSER - TRACK - 11 INCH | 60 |
| 11 | | 46944 | HHCS - SPECIAL (32849 MT'G) | 240 |
| 12 | | 48092 | HIGH NUT | 240 |
| 13 | | 32994 | TRACK MASTER PIN | 4 |
| 14 | | 32995 | LOCK - MASTER PIN | 8 |
| | | 5481 | TRACK LINK SERVICE KIT (CONSISTS OF 14 #34589 & 1 #34571) | 2 |
| | | 5482 | TRACK LINK SERVICE KIT (CONSISTS OF 15 #34589 & 1 #34571) | 2 |




TOOLS & EQUIPMENT

## TOOLS & EQUIPMENT

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 13756 | END WRENCH | 1 |
| 2 | | 13757 | PINCH BAR | 1 |
| 3 | | 13759 | GREASE GUN | 1 |

MEMORANDUM

# OPTIONAL EQUIPMENT

FRONT COUNTERWEIGHT

REAR COUNTERWEIGHT

VALVE GUARD-LOADERS

VALVE GUARD-DOZERS

HOUR METER

ROCK GUARDS

GREASE GUN

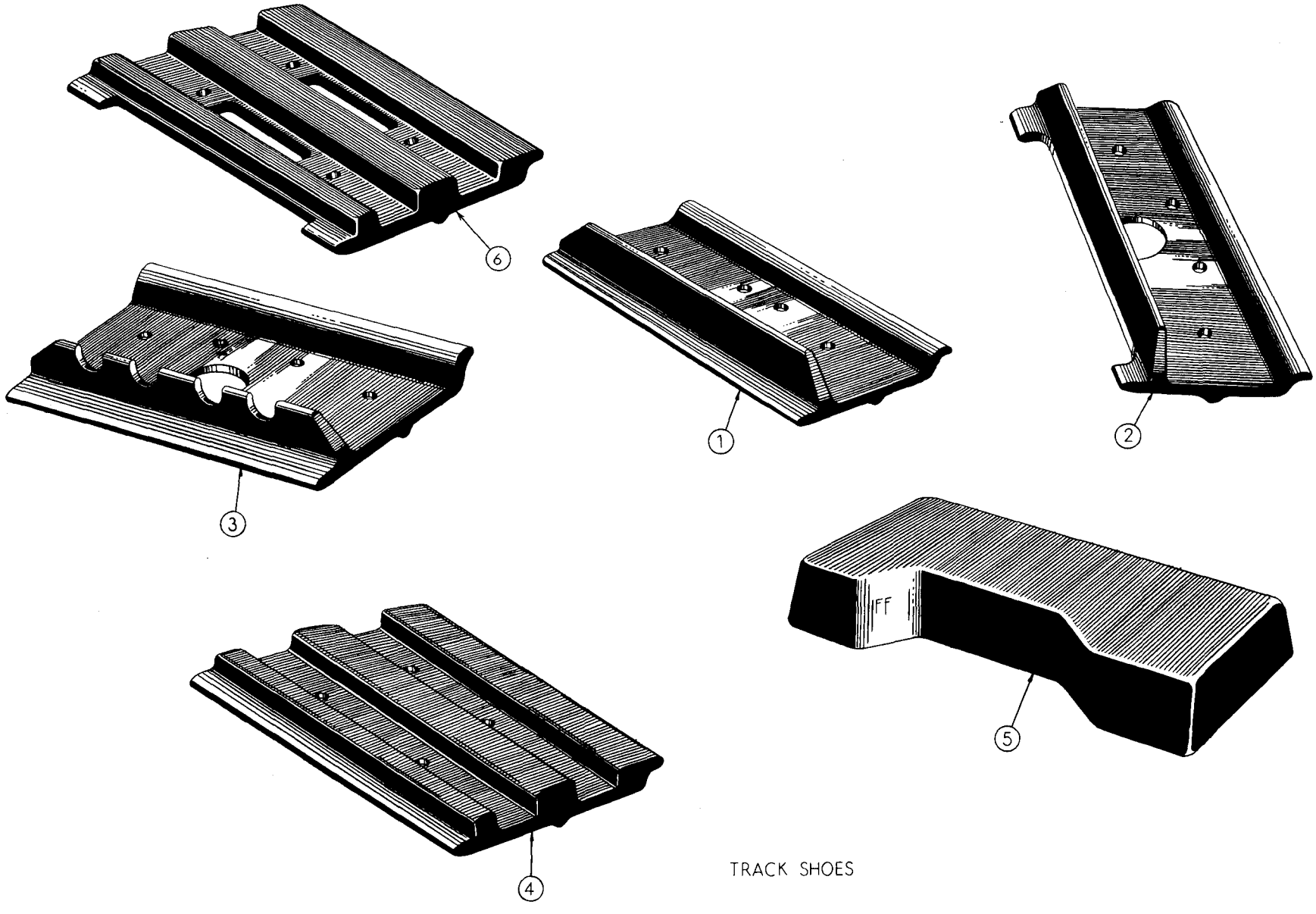
PULL HOOK

RAIN CAP

CRANKCASE GUARD

TRACK SHOES

RADIATOR GUARD




TRACK SHOES

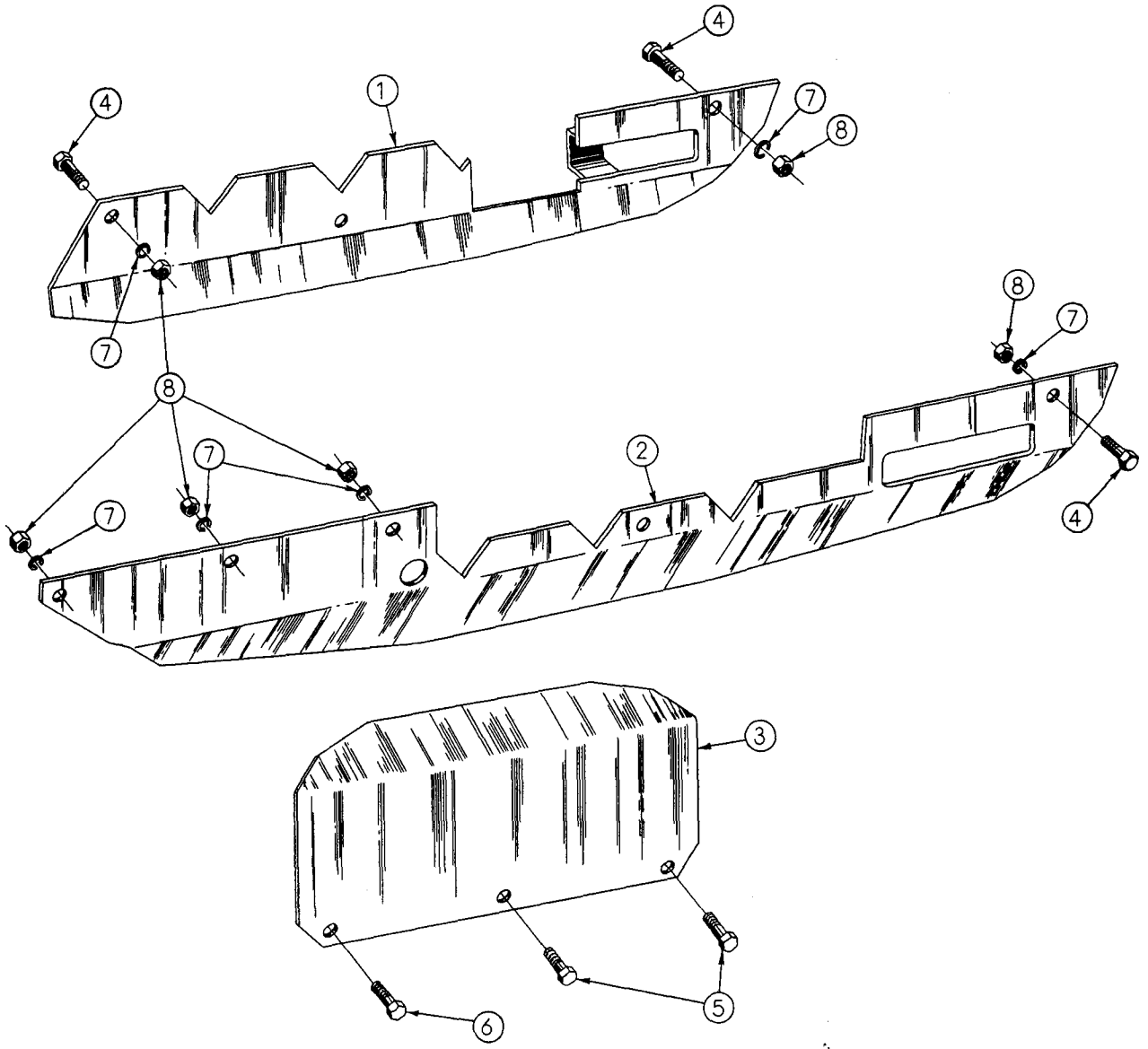
TRACK SHOES

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 32880 | GROUSER PLATE - 10 INCH | 60 |
| | | 31884 | GROUSER PLATE - 10 INCH (HEAT TREATED) | 60 |
| | | 31885 | GROUSER PLATE - 11 INCH (HEAT TREATED) | 60 |
| | | 32881 | GROUSER PLATE - 12 INCH | 60 |
| | | 31886 | GROUSER PLATE - 12 INCH (HEAT TREATED) | 60 |
| | | 32884 | GROUSER PLATE - 13 INCH | 60 |
| | | 31887 | GROUSER PLATE - 13 INCH (HEAT TREATED) | 60 |
| | | 32882 | GROUSER PLATE - 14 INCH | 60 |
| | | 31888 | GROUSER PLATE - 14 INCH (HEAT TREATED) | 60 |
| | | 32883 | GROUSER PLATE - 16 INCH | 60 |
| | | 31889 | GROUSER PLATE - 16 INCH(HEAT TREATED) | 60 |
| | | 32998 | GROUSER PLATE - 18 INCH | 60 |
| | | 32556 | GROUSER PLATE - 18 INCH (HEAT TREATED) | 60 |
| | | 32999 | GROUSER PLATE - 20 INCH | 60 |
| | | 32557 | GROUSER PLATE - 20 INCH (HEAT TREATED) | 60 |
| | | 32981 | OPEN GROUSER PLATE - 10 INCH | 60 |
| | | 31891 | OPEN GROUSER PLATE - 10 INCH (HEAT TREATED) | 60 |
| | | 32982 | OPEN GROUSER PLATE - 11 INCH | 60 |
| | | 31892 | OPEN GROUSER PLATE - 11 INCH (HEAT TREATED) | 60 |
| | | 32983 | OPEN GROUSER PLATE - 12 INCH | 60 |
| | | 31893 | OPEN GROUSER PLATE - 12 INCH (HEAT TREATED) | 60 |
| | | 32984 | OPEN GROUSER PLATE - 13 INCH | 60 |
| | | 31894 | OPEN GROUSER PLATE - 13 INCH (HEAT TREATED) | 60 |
| | | 32985 | OPEN GROUSER PLATE - 14 INCH | 60 |
| | | 31895 | OPEN GROUSER PLATE - 14 INCH (HEAT TREATED) | 60 |
| | | 32986 | OPEN GROUSER PLATE - 16 INCH | 60 |
| | | 31896 | OPEN GROUSER PLATE - 16 INCH (HEAT TREATED) | 60 |
| | | 32554 | OPEN GROUSER PLATE - 18 INCH (HEAT TREATED) | 60 |

TRACK SHOES CONT'D

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | | 32555 | OPEN GROUSER PLATE - 20 INCH (HEAT TREATED) | 60 |
| 3 | | 32988 | SNOW & ICE PLATE - 10 INCH | 60 |
| | | 32989 | SNOW & ICE PLATE - 11 INCH | 60 |
| | | 32990 | SNOW & ICE PLATE - 12 INCH | 60 |
| | | 32991 | SNOW & ICE PLATE - 13 INCH | 60 |
| 4 | | 32977 | STREET PLATE - 10 INCH | 60 |
| | | 31877 | STREET PLATE - 10 INCH (HEAT TREATED) | 60 |
| | | 32848 | STREET PLATE - 11 INCH | 60 |
| | | 31878 | STREET PLATE - 11 INCH (HEAT TREATED) | 60 |
| | | 32913 | STREET PLATE - 12 INCH | 60 |
| | | 31879 | STREET PLATE - 12 INCH (HEAT TREATED) | 60 |
| | | 32914 | STREET PLATE - 13 INCH | 60 |
| | | 31880 | STREET PLATE - 13 INCH (HEAT TREATED) | 60 |
| | | 32915 | STREET PLATE - 14 INCH | 60 |
| | | 31881 | STREET PLATE - 14 INCH (HEAT TREATED) | 60 |
| | | 32916 | STREET PLATE - 16 INCH | 60 |
| | | 31882 | STREET PLATE - 16 INCH (HEAT TREATED) | 60 |
| | | 32558 | STREET PLATE - 18 INCH (HEAT TREATED) | 60 |
| | | 32559 | STREET PLATE - 20 INCH (HEAT TREATED) | 60 |
| 5 | | 32838 | RUBBER TRACK SHOE | 60 |
| | | 48092 | HIGH NUT (32838 MT'G)(NOT SHOWN) | 120 |
| 6 | | 34876 | OPEN STREET PLATE - 10 INCH (HEAT TREATED) | 60 |
| | | 34877 | OPEN STREET PLATE - 11 INCH (HEAT TREATED) | 60 |
| | | 34878 | OPEN STREET PLATE - 12 INCH (HEAT TREATED) | 60 |
| | | 34879 | OPEN STREET PLATE - 13 INCH (HEAT TREATED | 60 |
| | | 34880 | OPEN STREET PLATE - 14 INCH (HEAT TREATED) | 60 |
| | | 34881 | OPEN STREET PLATE - 16 INCH (HEAT TREATED) | 60 |

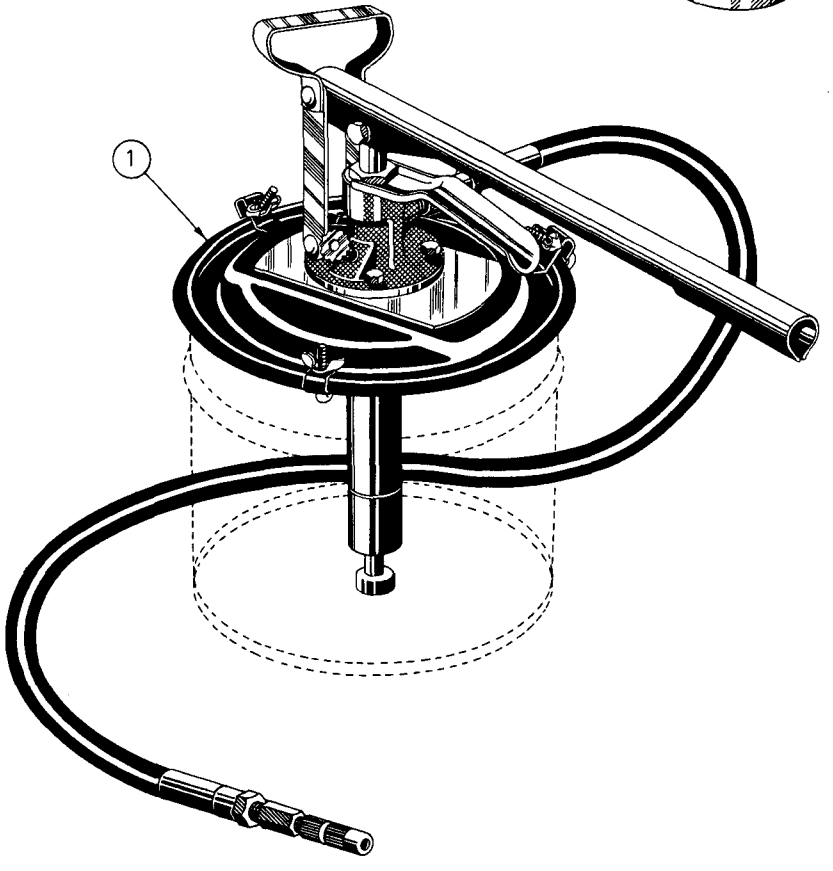
MEMORANDUM

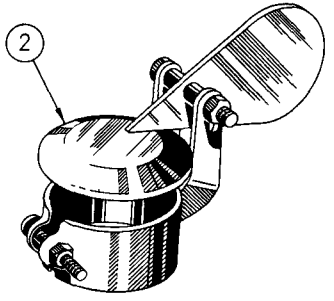


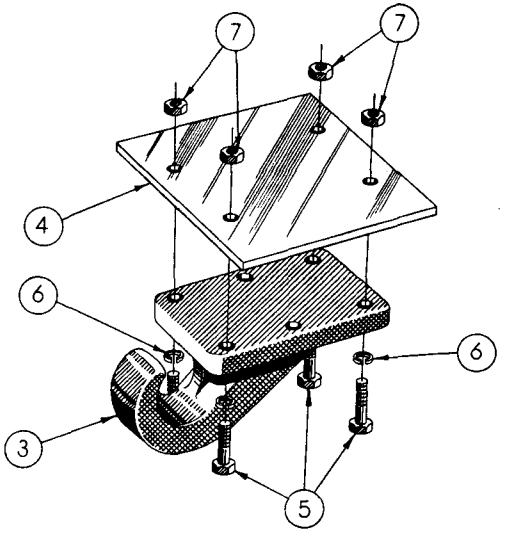

ROCK GUARD INSTALLATION

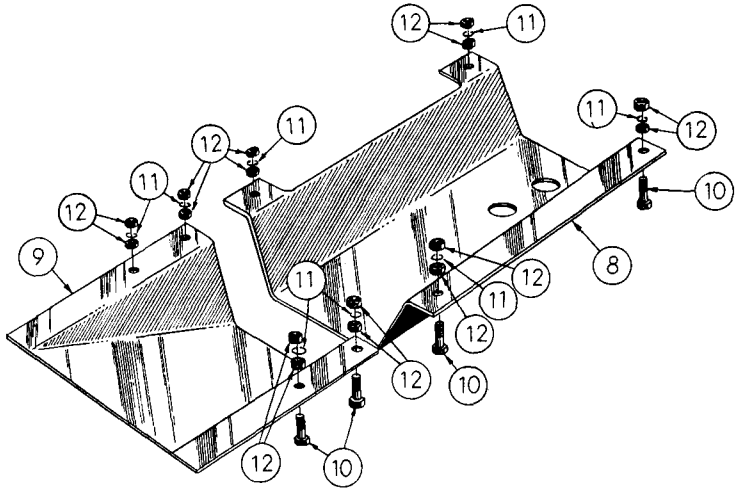
## ROCK GUARD INST.

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| | 6120 | | ROCK GUARD INST. | 1 |
| 1 | | 32266 | ROCK GUARD ASS'Y - INNER RH | 1 |
| | | 32267 | ROCK GUARD ASS'Y - INNER LH | 1 |
| 2 | | 32264 | ROCK GUARD ASS'Y - OUTER RH | 1 |
| | | 32265 | ROCK GUARD ASS'Y - OUTER LH | 1 |
| 3 | | 32296 | ATTACHING PLATE | 2 |
| 4 | | 45708 | HHCS 1/2 - 20 NF X 1-1/2 (32266-7 & 32264-5 MT'G) | 6 |
| 5 | | 45707 | HHCS 1/2 - 20 NF X 1-1/4 (32296 MT'G) | 4 |
| 6 | | 45709 | HHCS 1/2 - 20 NF X 1-3/4 (32296 MT'G) | 2 |
| 7 | | 48448 | LOCKWASHER - MED. SEC. | 12 |
| 8 | | 48104 | HEX NUT - REG. S.F. | 12 |




OPTIONAL EQUIPMENT

OPTIONAL EQUIPMENT INST.

| REF. | GROUP NO. | PART NO. | DESCRIPTION | REQ'D |
|---|---|---|---|---|
| 1 | | 13758 | GREASE GUN (HIGH PRESSURE) | 1 |
| 2 | | 10943 | RAIN CAP - EXHAUST PIPE | 1 |
| | 5525 | | PULL HOOK INST. (INC. REF. # 3 THRU 7) | 1 |
| 3 | | 10940 | PULL HOOK | 1 |
| 4 | | 32123 | DOUBLER PLATE | 1 |
| 5 | | 45707 | HHCS 1/2 - 20 NF X 1-1/4 (10940 MT'G) | 4 |
| 6 | | 48448 | LOCKWASHER - MED. SEC. | 4 |
| 7 | | 48104 | HEX NUT - REG. S.F. | 4 |
| | 5709 | | CRANKCASE GUARD INST. (INC. REF. # 8 THRU 12) | 1 |
| 8 | | 31294 | CRANKCASE GUARD - REAR | 1 |
| 9 | | 31903 | CRANKCASE GUARD - FRONT | 1 |
| 10 | | 45708 | HHCS 1/2 - 20 NF X 1-1/2 (31294 & 31903) | 8 |
| 11 | | 48448 | LOCKWASHER - MED. SEC. | 8 |
| 12 | | 48104 | HEX NUT - REG. S.F. | 16 |