

TYPES

PART		FIG	NUMBER	NAME AND DESCRIPTION	5	6	7	8	9	0	1	2	3	4	5
					1	1	1	1	1	1	1	1	1	1	1
					7	7	8	1	1	8	8	9	9	9	9
					3	4	3	8	9	8	9	0	1	2	3
2.7001 - GOVERNOR ASSY.															
SEE ASSEMBLY BREAKDOWN PAGE G1.															
5103796 GOVERNOR ASSY., 6V-53 (VARIABLE SPEED)					1										
5103784 GOVERNOR ASSY., 6V-53 (LIMITING SPEED)						1									
5103786 GOVERNOR ASSY., 6V-53 (LIMITING SPEED)							1								
5103792 GOVERNOR ASSY., 6V-53 (VARIABLE SPEED)								1	1						
5107132 GOVERNOR ASSY., 3, 4-53 (LIMITING SPEED)										1					
5107131 GOVERNOR ASSY., 3, 4-53 (LIMITING SPEED)											1				1
5107127 GOVERNOR ASSY., 3, 4-53 (LIMITING SPEED)												1	1		
5107128 GOVERNOR ASSY., 3, 4-53 (LIMITING SPEED)														1	
5B	179822	BOLT, 5/16"-18X1 1/2" (12.9001)								2	2	2	2	2	2
	179850	BOLT, 3/8"-16 X 2 3/4" (12.9001)			6	6	6	6	6						
5B	186622	BOLT, 3/8"-16X1 1/4" (12.9001)									2				2
5B	9426895	BOLT, 3/8"-16X1 1/4" 12 PT. HD. (12.9005)								2	2		2	2	
5B	186612	BOLT, 3/8"-16X1 3/8" (12.9001)										2			
5B	9414285	BOLT, 3/8"-24X7/8"								3	3	3	3	3	3
5B	103320	LOCKWASHER, 5/16" (12.9200)								2	2	2	2	2	2
	103321	LOCKWASHER, 3/8" (12.9200)			6	6	6	6	6						
5B	5145225	WASHER, 3/8" COPPER								3	3	3	3	3	3
	103341	WASHER, 3/8" PLAIN (12.9190)			6	6	6		6						
5B	9414322	WASHER, 3/8" (12.9190)								2	2	2	2	2	2
2.7010 - GASKET, GOVERNOR TO BLOWER-GOVERNOR DRIVE															
5J	5121345	GASKET, 6V-53 (TO END PLATE)			1	1	1	1	1						
5B	5116336	GASKET, 3, 4-53								1	1	1	1	1	1
2.7012 - KIT, GOVERNOR CONVERSION															
23501967 KIT, 6V53 GOVERNOR CONVERSION PROVIDES ALL ITEMS NECESSARY TO CONVERT STANDARD DOUBLE WEIGHT LIMITING SPEED GOVERNOR INTO AN AIR OPERATED VARIABLE LOW SPEED LIMITING SPEED GOVERNOR WITH 650-1750 RPM IDLE SPEED RANGE AND 2400-2800 RPM RATED SPEED															
									AR						
2.7165 - LEVER, GOVERNOR COVER SHUTDOWN SHAFT															
5H,J	5102862	LEVER, 6V-53			1										
5H,J	5102708	LEVER, 3, 4, 6V-53				1	1			1	1	1	1	1	1
5H,J	443603	BOLT, 1/4"-20X3/4" (12.9001)				1	1			1	1	1	1	1	1
5H,J	186647	BOLT, 1/4"-20 X 1" (12.9001)			1			1	1						
5H,J	103319	LOCKWASHER, 1/4" (12.9200)			1	1	1	1	1	1	1	1	1	1	1

2.7000A MECHANICAL GOVERNOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 5 7 3	1 5 7 4	1 5 8 3	1 6 1 8	1 6 1 9	1 6 8 8	1 6 8 9	1 6 9 0	1 6 9 1	1 6 9 2	1 6 9 3	1 6 9 5
		2.7170 - LEVER, GOVERNOR COVER THROTTLE SHAFT												
5J	5151519	LEVER, 6V-53		1	1									
5J	5120069	LEVER, 3, 4-53 (2.9340)						1	1		1	1	1	1
5J	5100082	LEVER, 4-53								1				
	5151249	SHIM, .078" THICK (2.7600)		1	1									
5J	179796	BOLT, 1/4"-20X7/8" (12.9001)								1				
5J	186647	BOLT, 1/4"-20X1" (12.9001)		1	1			1	1		1	1	1	1
5J	103319	LOCKWASHER, 1/4" (12.9200)		1	1			1	1	1	1	1	1	1
		2.7470 - BEARING, GOVERNOR WEIGHT SHAFT END												
5J	907674	BEARING	1	1	1	1	1							
	5152462	PLUG, 1 1/8" EXPANSION (2.7230)	1			1								
	9421753	PLUG, 1 1/8" CUP (12.9320)		1	1		1							
		2.7520 - COVER, GOVERNOR WEIGHT HOUSING												
	5152716	# COVER, 3, 4-53 (3.4223)									1			
	186625	# BOLT, 5/16"-18X7/8" (12.9001)									3			
	103320	# LOCKWASHER, 5/16" (12.9200)									3			
		# REQUIRED WHEN FUEL PUMP IS NOT DRIVEN FROM GOVERNOR.												
		2.7530 - GASKET, GOVERNOR WEIGHT HOUSING COVER												
	5150193	# GASKET, 3, 4-53 (5.5010)									1			
		# REQUIRED WHEN FUEL PUMP IS NOT DRIVEN FROM GOVERNOR.												
		2.7795 - STOP, GOVERNOR VARIABLE SPEED SPRING RETAINER												
5F	5174430	STOP, 3, 4-53 (WITH GAP)				1								
		2.7819 - ROD ASSY., GOVERNOR TO INJECTOR LINK												
7B	5121472	LINK, 6V-53 (LOWER)	2	2	2	2	2							
7B	5121453	LINK, 6V-53 (LEFT BANK UPPER)	1	1	1	1	1							
7B	5121452	LINK, 6V-53 (RIGHT BANK UPPER)	1	1	1	1	1							
7A	5122797	LINK, 3, 4-53						1	1	1		1	1	
7A	5122798	LINK, 3-53									1			1
7A	142583	RETAINER, SPRING 13/64" (12.9640)						1	1	1	1	1	1	1
7A,B	5147345	PIN (LINK TO INJECTOR CONTROL TUBE LEVER) (2.9022)	2	2	2	2	2	1	1	1	1	1	1	1
7A,B	103361	PIN, 1/16"X1/2" COTTER (12.9250)	2	2	2	2	2	1	1	1	1	1	1	1
7A	5150941	WASHER, 21/64" (2.7310)						1	1	1	1	1	1	1
7B	454750	NUT, 1/4"-28 ELASTIC STOP (UPPER TO LOWER LINK) (12.9120)	2	2	2	2	2							
		2.7830 - ADAPTOR, CYLINDER HEAD GOVERNOR CONTROL LINK												
	5116262	ADAPTOR (IN HEAD) (PLAIN END)	2	2	2	2	2	1	1	1	1	1	1	1

2.7000A MECHANICAL GOVERNOR

PART ..FIG .. NUMBER	NAME AND DESCRIPTION	TYPES											
		1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	6	6	6	6	6	6	6	6	6
		7	7	8	1	1	8	8	9	9	9	9	9
		3	4	3	8	9	8	9	0	1	2	3	5
2.7834 - BOOT, GOVERNOR TO INJECTOR LINK													
5129706	HOSE, 7/8" I.D.X1.62" L. (RIGHT BANK)	1	1	1	1	1							
5129707	HOSE, 13/16" I.D.X1.12" L.						1	1	1		1	1	
5129705	HOSE, 7/8" I.D.X.75" L. (LEFT BANK)									1			1
5126072	HOUSING, LINK (LEFT BANK)	1	1	1	1	1							
5186840	CLAMP, HOSE 1 3/16" (12.9660)	4	4	4	4	4				1			1
272855	CLAMP, HOSE (SPRING 1 1/4")						2	2	2		2	2	
2.7890 - TUBE ASSY., GOVERNOR BEARING LUBRICATION													
5129726	TUBE ASSY. (DEV. L. 11.36")						1	1	1	1	1	1	1
5166265	ELBOW, 1/4" TUBE X1/8" PIPE 90 DEG. (7.4074)						1	1	1	1	1	1	1
8924170	CONNECTOR, 1/4" TUBE X1/8" PIPE (12.9460)						1	1	1	1	1	1	1
2.7910 - SPRING, GOVERNOR THROTTLE LEVER RETURN													
5129711	SPRING, 6V-53 (TORSION)	1			1	1							
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
5107076	+ GEAR, 3,4-53 RA, RB, LC, LD (R.H. HELIX; 56 TEETH)						1	1	1		1	1	1
8927961	@ GEAR, 3-53 (R.H. HELIX-56 TEETH; STAMPED 8927961)						1						
5B 5116026	* GEAR, 3,4-53 RC, RD, LA, LB (L.H. HELIX; 49 TEETH)						1	1	1	1	1	1	1
5107077	+ GEAR, 3,4-53 RC, RD, LA, LB (L.H. HELIX; 56 TEETH)						1	1	1	1	1	1	1
8924991	@ GEAR, 3-53 (L.H. HELIX-56 TEETH; STAMPED 8924991)						1						
5B 5134350	* GEAR, 3-53 RA, RB, LC, LD (R.H. HELIX; 49 TEETH) (TWO 9/32" DRILL HOLES)									1			
5107508	+ GEAR, 3-53 RA, RB, LC, LD (R.H. HELIX; 56 TEETH) (TWO 9/32" DRILL HOLES)									1			
124546	KEY, 5/32"X5/8" WOODRUFF (12.9350)												
9434177	NUT, 5/16"-18 LOCK (12.9140) * THRU 3D-170682 AND 4D-180938. + EFF. WITH 3D-170683 AND 4D-180939. @ EFF. WITH 3D-193526 FOR TURBO APPLICATIONS ONLY.						1	1	1	1	1	1	1

2.7000A MECHANICAL GOVERNOR

PART		TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	1 6 6	1 6 9 7	1 6 9 9	1 7 0 0	1 7 0 1	1 7 0 2	1 7 0 3	1 7 0 4	1 7 0 5	1 7 0 6	1 7 0 7	1 7 0 8	1 7 0 9
2.7001 - GOVERNOR ASSY.															
SEE ASSEMBLY BREAKDOWN PAGE G1.															
5107128	GOVERNOR ASSY., 3, 4-53 (LIMITING SPEED)		1												
5107132	GOVERNOR ASSY., 4-53 (LIMITING SPEED)			1											
5107142	GOVERNOR ASSY., 3, 4-53 (VARIABLE SPEED)				1							1	1		
5107145	GOVERNOR ASSY., 4-53 (VARIABLE SPEED)					1									
5107144	GOVERNOR ASSY., 3, 4-53 (VARIABLE SPEED)						1								
5107143	GOVERNOR ASSY., 3-53 (VARIABLE SPEED)							1							
5107139	GOVERNOR ASSY., 3, 4-53 (VARIABLE SPEED)								1						
179822	BOLT, 5/16"-18X1 1/2" (12.9001)		2	2	2	2	2	2	2	2	2	2	2	2	2
186622	BOLT, 3/8"-16X1 1/4" (12.9001)							2		2					
9426895	BOLT, 3/8"-16X1 1/4" 12 PT. HD. (12.9005)		2	2	2	2	2		2		2	2	2	2	2
9414285	BOLT, 3/8"-24X7/8"		3	3	3	3	3	3	3	3	3	3	3	3	3
103320	LOCKWASHER, 5/16" (12.9200)		2	2	2	2	2	2	2	2	2	2	2	2	2
5145225	WASHER, 3/8" COPPER		3	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	2
2.7010 - GASKET, GOVERNOR TO BLOWER-GOVERNOR DRIVE															
5B	5116336	GASKET, 3, 4-53	1	1	1	1	1	1	1	1	1	1	1	1	1
2.7165 - LEVER, GOVERNOR COVER SHUTDOWN SHAFT															
5H,J	5102708	LEVER, 3, 4-53	1	1											
5H,J	5107147	LEVER, 3, 4-53			1	1	1	1	1	1	1	1	1	1	
	5147598	SPRING, RETURN (2.7910)			1			1					1		
	5146132	SPRING, RETURN (2.7910)				1	1			1	1			1	1
	5126540	SPRING, RETURN (2.9405)													
	5122570	CLIP, SPRING (2.9405)							1						
5H,J	443603	BOLT, 1/4"-20X3/4" (12.9001)	1	1											
5H,J	186647	BOLT, 1/4"-20X1" (12.9001)			1	1	1	1	1	1	1	1	1	1	1
5H,J	103319	LOCKWASHER, 1/4" (12.9200)	1	1	1	1	1	1	1	1	1	1	1	1	1
2.7170 - LEVER, GOVERNOR COVER THROTTLE SHAFT															
5J	5120069	LEVER, 3, 4-53 (2.9340)	1	1											
5J	5151519	LEVER, 3, 4-53			1										
5J	186647	BOLT, 1/4"-20X1" (12.9001)	1	1	1										
5J	103319	LOCKWASHER, 1/4" (12.9200)	1	1	1										
2.7630 - COVER, GOVERNOR HIGH SPEED SPRING															
5131132	COVER			1											
187953	BOLT, 5/16"-18X4 1/2" (12.9001)			2											

2.7000A MECHANICAL GOVERNOR

PART FIG . . . NUMBER	NAME AND DESCRIPTION	TYPES											
		1 6 6	1 6 7	1 6 9	1 7 0	1 7 0	1 7 0	1 7 0	1 7 0	1 7 0	1 7 0	1 7 0	1 7 0
2.7650 -	GASKET, GOVERNOR HIGH SPEED SPRING COVER												
8922593	GASKET		1										
2.7680 -	HOUSING ASSY., GOVERNOR VARIABLE SPEED SPRING												
	HOUSING ASSEMBLY INCLUDES PISTON IN 2.7736 AND SEALS IN 2.7737.												
5103911	HOUSING ASSY. (2.7690)		1										
8924380	PLUG, 1/8" HEX. SOCKET HEAD PIPE (12.9550)		1										
5103044	SCREW, 1/4"-28X1 1/2" SET (2.7690)		1										
5194495	NUT, 5/16"-18 (2.8410)		1										
2.7736 -	PISTON, GOVERNOR SPEED CONTROL												
5103067	PISTON		1										
2.7737 -	SEAL, GOVERNOR SPEED CONTROL PISTON												
5103046	SEAL		1										
5103550	SEAL		1										
2.7795 -	STOP, GOVERNOR VARIABLE SPEED SPRING RETAINER												
5F 5174430	STOP, 3, 4-53 (WITH GAP)			1	1	1	1	1	1	1	1	1	1
2.7819 -	ROD ASSY., GOVERNOR TO INJECTOR LINK												
7A 5122798	LINK, 3, 4-53	1							1	1			
7A 5122797	LINK, 3, 4-53		1	1	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
7A 142583	RETAINER, SPRING 13/64" (12.9640)	1	1	1	1	1	1	1	1	1	1	1	1
7A 5150941	WASHER, 21/64" (2.7310)	1	1	1	1	1	1	1	1	1	1	1	1
2.7830 -	ADAPTOR, CYLINDER HEAD GOVERNOR CONTROL LINK												
5116262	ADAPTOR (IN HEAD) (PLAIN END)	1	1	1	1	1	1	1	1	1	1	1	1
2.7834 -	BOOT, GOVERNOR TO INJECTOR LINK												
5129705	HOSE, 7/8" I.D.X.75" L.	1							1	1			
5129707	HOSE, 13/16" I.D.X1.12" L.		1	1	1	1	1	1			1	1	1
111609	CLAMP, HOSE 1 3/16" (12.9660)	1							1	1			
272855	CLAMP, HOSE (SPRING 1 1/4")		2	2	2	2	2	2			2	2	2

2.7000A MECHANICAL GOVERNOR

PART		TYPES													
..FIG ..	NUMBER	NAME AND DESCRIPTION													
		1 6 9 6	1 6 9 7	1 6 9 9	1 7 0 0	1 7 0 1	1 7 0 2	1 7 0 3	1 7 0 4	1 7 0 5	1 7 0 6	1 7 0 7	1 7 0 8	1 7 0 9	
2.7837 - WIRE, GOVERNOR MANUAL SHUTDOWN LEVER															
5161464	PIN, WIRE SWIVEL (2.9426)			1					1						
142583	RETAINER, SPRING 13/64" (12.9640)			1					1						
3290569	CLIP, WIRE (7.8320)			1											
132105	BOLT, #10-32X3/8" (12.9010)			1					1						
123298	BOLT, 1/4"-28X3/8" (12.9001)			1											
5150941	WASHER, 21/64" (2.7310)			1					1						
103319	LOCKWASHER, 1/4" (12.9200)			1											
121902	NUT, 1/4"-28 (12.9120)			1											
2.7890 - TUBE ASSY., GOVERNOR BEARING LUBRICATION															
5129726	TUBE ASSY. (DEV. L. 11.36")	1	1	1	1	1	1	1	1	1	1	1	1	1	
5166265	ELBOW, 1/4" TUBE X1/8" PIPE 90 DEG. (7.4074)	1	1												
8924170	CONNECTOR, 1/4" TUBE X1/8" PIPE (12.9460)	1	1	1	1	1	1	1	1	1	1	1	1	1	
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			
5B 5116026	* GEAR, 3,4-53 RC, RD, LA, LB (L.H. HELIX; 49 TEETH)				1	1		1	1	1			1	1	
5B 5107076	+ GEAR, 3,4-53 RA, RB, LC, LD (R.H. HELIX; 56 TEETH)	1	1	1		1				1	1	1			
5B 5107077	+ GEAR, 3,4-53 RC, RD, LA, LB (L.H. HELIX; 56 TEETH)	1	1		1	1		1	1	1			1	1	
8927961	@ GEAR, 3-53 (R.H. HELIX-56 TEETH; STAMPED 8927961)	1								1					
8924991	@ GEAR, 3-53 (L.H. HELIX-56 TEETH; STAMPED 8924991)	1								1					
124546	KEY, 5/32"X5/8" WOODRUFF (12.9350)	1	1	1	1	1	1	1	1	1	1	1	1	1	
9434177	NUT, 5/16"-18 LOCK (12.9140)	1	1	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											
		1 7 1 0	1 7 9 1	1 7 9 2	1 8 7 9	1 8 7 9	1 8 8 3	1 8 8 4	1 8 8 5	1 8 8 6	1 9 6 6	1 9 9 2	2 0 1 2
2.7001 - GOVERNOR ASSY.													
SEE ASSEMBLY BREAKDOWN PAGE G1.													
5107132	GOVERNOR ASSY., 3,4-53 (LIMITING VAR. HIGH SPEED)	1											1
5107128	GOVERNOR ASSY., 3, 4-53 (LIMITING SPEED)		1	1	1								
5103792	GOVERNOR ASSY., 6V53 (VARIABLE SPEED)					1							
5103784	GOVERNOR ASSY., 6V53 (LIMITING SPEED)						1						
5103786	GOVERNOR ASSY., 6V53 (LIMITING SPEED)							1		1			
8924601	GOVERNOR ASSY., 6V53 (LIMITING SPEED)								1				
8927159	GOVERNOR ASSY., 6V53 (LIMITING, VARIABLE LOW SPEED)										1		
5103794	GOVERNOR ASSY., 6V53 (VARIABLE SPEED)											1	
274510	FITTING, 3/4" 90 DEG. (12.9540)			1									
179822	BOLT, 5/16"-18X1 1/2" (12.9001)	2	2	2	2								2
8921932	BOLT, 3/8"-16X1 1/4" (12.9001)					1	1	1					1
186622	BOLT, 3/8"-16X1 1/4" (12.9001)			2	2								
9426895	BOLT, 3/8"-16X1 1/4" 12 PT. HD. (12.9005)	2	2										2
9414285	BOLT, 3/8"-24X7/8" 12 PT. HD.	3	3	3	3								3
179850	BOLT, 3/8"-16X2 3/4" (12.9001)					5	5	5	6	6	6	5	
103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2								2
103321	LOCKWASHER, 3/8" (12.9200)					6	6	6	6	6	6	6	
5145225	WASHER, 3/8" COPPER	3	3	3	3								3
9414322	WASHER, 3/8" (12.9190)	2	2	2	2								2
103341	WASHER, 3/8" (12.9190)					6	6	6	6	6	6		6
2.7010 - GASKET, GOVERNOR TO BLOWER-GOVERNOR DRIVE													
5B	5116336	1	1	1	1								1
	5121345					1	1	1	1	1	1	1	
2.7012 - KIT, GOVERNOR CONVERSION													
23501967	KIT, 6V53 GOVERNOR CONVERSION PROVIDES ALL ITEMS NECESSARY TO CONVERT STANDARD DOUBLE WEIGHT LIMITING SPEED GOVERNOR INTO AN AIR OPERATED VARIABLE LOW SPEED LIMITING SPEED GOVERNOR WITH 650-1750 RPM IDLE SPEED RANGE AND 2400-2800 RPM RATED SPEED							AR		AR			
8926755	KIT, 6V53 PROVIDES THE NECESSARY ITEMS TO CONVERT A DOUBLE WEIGHT LIMITING SPEED GOVERNOR TO AN AIR OPERATED VARIABLE SPEED LIMITING SPEED GOVERNOR									AR			
2.7165 - LEVER, GOVERNOR COVER SHUTDOWN SHAFT													
5H,J	5102708	1	1	1	1		1	1	1	1	1		1
	5102861					1						1	
5H,J	443603	1	1	1	1		1	1	1	1	1		1

2.7000A MECHANICAL GOVERNOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 7 1 0	1 7 9 1	1 7 9 2	1 8 7 9	1 8 7 3	1 8 8 4	1 8 8 5	1 8 8 6	1 9 6 6	1 9 9 2	2 0 1 2	
		2.7165 - LEVER, GOVERNOR COVER SHUTDOWN SHAFT (CONT'D)												
5H,J	186647	BOLT, 1/4"-20X1" (12.9001)				1							1	
	103319	LOCKWASHER, 1/4" (12.9200)	1	1	1	1	1	1	1	1	1	1	1	
		2.7170 - LEVER, GOVERNOR COVER THROTTLE SHAFT												
5J	5147640	LEVER, 3, 4-53 (3.3110)		1		1							1	
5J	5120069	LEVER, 3, 4-53 (2.9340)	1		1									
5J	5151519	LEVER, 6V53					1	1	1	1	1			
	186647	BOLT, 1/4"-20X1" (12.9001)	1	1	1	1	1	1	1	1	1	1	1	
	103319	LOCKWASHER, 1/4" (12.9200)	1	1	1	1	1	1	1	1	1	1	1	
		2.7470 - BEARING, GOVERNOR WEIGHT SHAFT END												
5J	907674	BEARING					1	1	1	1	1			
	907681	BEARING											1	
	5134662	RETAINER, BEARING											1	
	9421753	PLUG, 1 1/8" CUP (12.9320)				1	1	1	1	1	1			
	9421755	PLUG, 1 3/8" CUP (1.1001)											1	
	9406762	SCREW, 1/4"-28X1 1/2" (12.9027)											2	
	446202	WASHER, 5/16" COPPER (12.9190)											2	
	454750	NUT, 1/4"-28 LOCK (12.9120)											2	
		2.7600 - SHIM, GOVERNOR HIGH SPEED SPRING												
5G	5151249	SHIM, .078"						AR	AR	AR	AR	AR		
		2.7819 - ROD ASSY., GOVERNOR TO INJECTOR LINK												
7A	5122798	LINK, 3, 4-53	1	1	1								1	
	5122797	LINK, 6V53				1								
	5121472	LINK, 6V53 (LOWER)					2	2	2	2	2	2		
	5121453	LINK, 6V53 (LEFT BANK UPPER)					1	1	1	1	1	1		
	5121452	LINK, 6V53 (RIGHT BANK UPPER)					1	1	1	1	1	1		
7A	5147345	PIN (LINK TO INJECTOR CONTROL TUBE LEVER) (2.9022)	1	1	1	1	2	2	2	2	2	2	1	
7A	103361	PIN, 1/16"X1/2" COTTER (12.9250)	1	1	1	1	2	2	2	2	2	2	1	
7A	142583	RETAINER, SPRING 13/64" (12.9640)	1	1	1	1							1	
7A	5150941	WASHER, 21/64" (2.7310)	1	1	1	1							1	
	454750	NUT, 1/4"-28 ELASTIC STOP (UPPER TO LOWER LINK) (12.9120)					2	2	2	2	2	2		
		2.7830 - ADAPTOR, CYLINDER HEAD GOVERNOR CONTROL LINK												
	5116262	ADAPTOR (IN HEAD) (PLAIN END)	1	1	1	1	2	2	2	2	2	2	1	
		2.7834 - BOOT, GOVERNOR TO INJECTOR LINK												
	5129705	HOSE, 13/16" I.D.X.76" L.	1	1	1		2	2	2	2	2	2	1	
	5129707	HOSE, 13/16" I.D.X1.12" L.				1								
	5129706	HOSE, 13/16" I.D.X1.62" L.					1	1	1	1	1	1		1
	5126072	HOUSING, LINK (LEFT BANK)					1	1	1	1	1	1		
	272855	CLAMP, HOSE 1 1/4" (12.9660)			2									
	5186840	CLAMP, HOSE 1 1/2" (12.9660)	1	1	1		4	4	4	4	4	4	1	

2.7000A MECHANICAL GOVERNOR

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	1	1	2
			7	7	7	8	8	8	8	8	9	9	0
			1	7	9	7	7	8	8	8	6	9	1
			0	1	9	2	9	3	4	5	6	6	2
	2.7890	TUBE ASSY., GOVERNOR BEARING LUBRICATION											
	5129726	TUBE ASSY. (DEV. L. 11.36")	1	1	1	1							1
	5166265	ELBOW, 1/4" TUBE X 1/8" PIPE 90 DEG. (7.4074)	1	1	1	1							1
	8924170	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)	1	1	1	1							1
	2.7910	SPRING, GOVERNOR THROTTLE LEVER RETURN											
	5129711	SPRING, 6V53 (TORSION)					1					1	
	2.7945	SEAL, GOVERNOR											
	5101140	SEAL									1		
	2.7960	GEAR, GOVERNOR DRIVE											
5B	5107076	GEAR, 3,4-53 RA, RB, LC, LD (R.H. HELIX; 56 TEETH)		1	1								
	8927961	@ GEAR, 3-53 (R.H. HELIX-56 TEETH; STAMPED 8927961)		1									
5B	5107077	GEAR, 3,4-53 RC, RD, LA, LB (L.H. HELIX; 56 TEETH)		1	1	1							
	8924991	@ GEAR, 3-53 (L.H. HELIX-56 TEETH; STAMPED 8924991)			1								
	124546	KEY, 5/32" X 5/8" WOODRUFF (12.9350)	1	1	1	1							1
	9434177	NUT, 5/16"-18 LOCK (12.9140) @ EFF. WITH 3D-193526 FOR TURBO APPLICATIONS ONLY.	1	1	1	1							1

2.7000A MECHANICAL GOVERNOR

PART		COLUMN														
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.7045 - COVER ASSY., GOVERNOR-COMplete																
	5122721	% COVER ASSY., 2,3,4-53 (C AND D ENG.) (VARIABLE SPEED)	1													
	5122722	% COVER ASSY., 2,3,4-53 (A AND B ENG.) (VARIABLE SPEED)		1												
	5122723	% COVER ASSY., 2,3,4-53 (C AND D ENG.) (LIMITING SPEED)			1											
	5122724	% COVER ASSY., 2,3,4-53 (A AND B ENG.) (LIMITING SPEED)				1										
	5126428	% COVER ASSY., 2,3,4-53 (C AND D ENG.) (LIMITING SPEED)					1									
	5126429	COVER ASSY., 2,3,4-53 (A AND B ENG.) (LIMITING SPEED)						1								
5E	5126432	COVER ASSY., 2,3,4-53 (C AND D ENG.) (VARIABLE SPEED)							1							
5E	5126433	COVER ASSY., 2,3,4-53 (A AND B ENG.) (VARIABLE SPEED)								1						
	5126641	% COVER ASSY., 6V53 (VARIABLE)									1					
	5126648	% COVER ASSY., 6V53 (LIMITING)										1				
	5107125	COVER ASSY., 2-53 (LIMITING)											1			
	5107138	COVER ASSY., 2, 3, 4-53 (CONSTANT SPEED)												1		
	5107137	COVER ASSY., 3, 4-53 (CONSTANT SPEED)													1	
		% NOT SERVICED, SHOWN FOR REFERENCE ONLY.														
2.7050 - COVER ASSY., GOVERNOR-LESS SHAFT AND LEVERS																
INCLUDES ITEMS IN 2.7050, 2.7093 AND 2.7100.																
5E	5122726	* COVER ASSY., 2,3,4-53 (C AND D ENG.) (VARIABLE) (5126432)	1													
5E	5122727	* COVER ASSY., 2,3,4-53 (A AND B ENG.) (VARIABLE) (5126433)		1												
5E	5122728	@ COVER ASSY., 2, 3, 4-53 (C AND D ENG.) (LIMITING SPEED) (5107124)			1											
5E	5122729	@ COVER ASSY., 2,3,4-53 (A AND B ENG.) LIMITING SPEED) (5126429)				1										
5H	5126397	COVER ASSY., 2,3,4-53 (C AND D ENG.) LIMITING SPEED)					1									
5H	5126398	COVER ASSY., 2,3,4-53 (A AND B ENG.) LIMITING SPEED)						1					1			
5E	5126430	COVER ASSY., 2,3,4-53 (C AND D ENG.) VARIABLE SPEED)							1							1
5E	5126431	COVER ASSY., 2,3,4-53 (A AND B ENG.) VARIABLE SPEED)								1				1		
	5126645	+ COVER ASSY., 6V53 (VARIABLE)									1					
5J	5126644	# COVER ASSY., 6V53 (LIMITING)										1				
	5122737	PIN, 3/16" X .92"	1	1	1	1										
	455160	PIN, 3/16"X1/2" (12.9275)									2					
5E	456540	PIN, 3/16"X5/8" ROLL (12.9275)	2	2	2	2	2	2	2	2			2	2	2	
		* NOT SERVICED; USE PART NUMBER SHOWN IN PARENTHESES PLUS (1) 5126540 SPRING AND (1) 5122570 CLIP.														
		@ NOT SERVICED; USE PART NUMBER SHOWN IN PARENTHESES PLUS (1) 5126310 PIN.														
		# NOT SERVICED; USE 5103748.														
		+ NOT SERVICED; USE 5103752.														

2.7000A MECHANICAL GOVERNOR

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.7093 - SPRING, GOVERNOR THROTTLE SHAFT ARM RETURN																
	5123588	SPRING (A AND B ENGINE)		1		1										
	5122736	SPRING (C AND D ENGINE)	1		1											
	9411504	RING, SNAP (2.7430)	1	1	1	1										
2.7095 - SHAFT ASSY., GOVERNOR THROTTLE																
A SHAFT ASSY. INCLUDES ITEMS IN 2.7095 AND 2.7130.																
5E	5122733	+ SHAFT ASSY., 2,3,4-53	1	1	1	1										
5H	5126402	SHAFT ASSY., 2,3,4-53					1	1								
5E	5126309	SHAFT ASSY., 2,3,4-53							1	1						
	5117933	+ SHAFT ASSY., 6V53									1					
5J	5117928	SHAFT ASSY., 6V53										1				
5H	5107122	SHAFT ASSY., 2-53											1			
5E	5107136	SHAFT ASSY., 2,3,4-53												1	1	
	455734	PIN, 1/8"X3/4" SPRING (12.9300)					1	1	1	1			1	1	1	
	454512	PIN, 3/16"X3/4" ROLL (12.9275)	1	1	1	1										
5J	8924749	PLUG, 1/8" PIPE (IN SHAFT END) (12.9550)										1				
5H	271287	FITTING, 1/8" LUBE (12.9540)					1	1					1			
+ OBSOLETE																
2.7100 - BEARING, GOVERNOR THROTTLE SHAFT																
5J	148402	BEARING ASSY.										2				
	5144065	BUSHING									1					
2.7115 - SHAFT ASSY., GOVERNOR SHUTDOWN																
5H	5126404	SHAFT ASSY., 2,3,4-53 (INCLUDES PIN) (2.7053)					1	1								
5J	5126643	SHAFT, 6V53										1				
5H	5107123	SHAFT, 2-53											1			
5H	453676	PIN, 1/8"X1" ROLL 2,3,4-53 (12.9275)					1	1					1			
	455921	PIN, 1/8"X1 1/2" ROLL 6V53 (12.9275)										1				
2.7130 - PIN, GOVERNOR THROTTLE SHAFT FULCRUM LEVER																
	113500	PIN, 1"X7/8" TAPER 6V53 (12.9280)										1				
2.7140 - WASHER, GOVERNOR THROTTLE SHAFT																
5E,H	5179232	SEAL RING, 2,3,4-53 (2.4225)	1	1	1	1	1	1	1	1			1	1	1	
5J	5176557	SEAL RING, 6V53									1	1				
	5144196	WASHER, SEAL RING BACK-UP (2.7045)					1				AR	AR	1	1	1	
2.7145 - WASHER, GOVERNOR SHUTDOWN SHAFT																
5H,J	5101691	SEAL RING (2.7140)					1	1				1	1			
	5197150	WASHER, SEAL RING BACK-UP										AR				

2.7000A MECHANICAL GOVERNOR

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.7150 - RETAINER, GOVERNOR PACKING THROTTLE SHAFT														
SJ,H	5153060	RETAINER						2			1	2				
SE,H	5150238	WASHER, 7/16" (3.4001)	1	1	1	1	1		1	1			1	1	1	
SE,H	5122732	RING, SNAP	1	1	1	1	1	1	1	1			1	1	1	
	5144177	WASHER									1					
SJ	5174429	RING, RETAINING									1	1				
		2.7155 - RETAINER, GOVERNOR PACKING SHUTDOWN SHAFT														
SH,J	5151487	WASHER (2.7430)					1	2				2	1			
	5144178	WASHER (DISHED)					1						1			
SH,J	5178581	RING, SNAP (2.7430)					1	1				1	1			

2.7000A MECHANICAL GOVERNOR

PART			COLUMN												
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M
2.7045 - COVER ASSY., GOVERNOR-COMplete															
	5126983	* COVER ASSY., 2, 3, 4-53 (C AND D ENG.) (LIMITING)	1												
	5129682	* COVER ASSY., 6V53 (LIMITING)		1											
	5132809	COVER ASSY., 8V53 (LIMITING)			1										
	5126429	COVER ASSY., 2, 3, 4-53 (A AND B ENG.) (LIMITING)				1									
	5134669	* COVER ASSY., 8V53 (VARIABLE)					1								
	5137181	* COVER ASSY., 6V53 (LIMITING)						1							
	5103748	COVER ASSY., 6V53 (LIMITING)							1						
	5103752	COVER ASSY., 6V53 (VARIABLE)								1					
	5103872	COVER ASSY., 6V53 (LIMITING)									1				
		* NOT SERVICED, SHOWN FOR REFERENCE ONLY.													
2.7050 - COVER ASSY., GOVERNOR-LESS SHAFT AND LEVERS															
INCLUDES ITEMS IN 2.7050 AND 2.7100.															
	5126989	COVER ASSY., 2, 3, 4-53 (C AND D ENG.) (LIMITING)	1												
5M	5129829	% COVER ASSY., 6V53 (LIMITING)		1											
	5132808	COVER ASSY., 8V53 (LIMITING)			1										
	5126398	COVER ASSY., 2, 3, 4-53 (A AND B ENG.) (LIMITING)				1									
	5137179	@ COVER ASSY., 6V53 (LIMITING)						1							
	5132678	COVER ASSY., 8V53 (VARIABLE)					1								
	5103747	COVER ASSY., 6V53 (LIMITING)							1						
	5103756	COVER ASSY., 6V53 (VARIABLE)								1					
	5103961	COVER ASSY., 6V53									1				
5E	5126971	RETAINER, BEARING (HUB) (2.7100)	1												
	456540	PIN, 3/16" X 5/8" ROLL (12.9275)	2												
	455160	PIN, 3/16" X 1/2" (12.9275)		2					2						
		% NOT SERVICED, USE 5103748.													
		@ NOT SERVICED, USE 5103872.													
2.7095 - SHAFT ASSY., GOVERNOR THROTTLE															
A SHAFT ASSY. INCLUDES ITEMS IN 2.7095.															
	5126890	SHAFT ASSY., 2, 3, 4-53	1												
	5117928	SHAFT ASSY., 6V53		1											
5M	5133359	SHAFT ASSY., 8V53			1										
	5126402	SHAFT ASSY., 2, 3, 4-53				1									
	5134713	SHAFT ASSY., 8V53					1								
	5137180	+ SHAFT ASSY., 6V53						1							
	5106266	SHAFT ASSY., 6V53							1						
	5103780	SHAFT ASSY., 6V53								1					
	5103753	SHAFT ASSY., 6V53 (INCLUDES LEVER)										1			
	5106204	SHAFT ASSY., 6V53											1		
5M	113500	PIN, #1 X 7/8" TAPER (12.9280)	1	1			1	1	1	1	1				
	455734	PIN, 1/8" X 3/4" (12.9300)				1									
	455297	PIN, 5/32" X 7/8" SPRING (12.9270)		1	1		1		1	1	1				
	456836	PIN, 1/4" X 2 1/4" ROLL (12.9275)	1									1			
5M	191758	FITTING, 1/8" LUBE (12.9540)	1					1							
	271287	FITTING, 1/4" LUBE (12.9540)				1						2			
	8924380	PLUG, 1/8" PIPE (IN SHAFT END) (12.9550)		1											
		+ NOT SERVICED, USE 5103753.													

2.7000A MECHANICAL GOVERNOR

PART FIG . . . NUMBER NAME AND DESCRIPTION			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.7100 - BEARING, GOVERNOR THROTTLE SHAFT																
J,M	148402	BEARING ASSY. (NEEDLE)	2	2	2		1									
	5144065	BUSHING						2								
	9415510	BEARING ASSY. (NEEDLE)							2	2	2					
	8921472	BUSHING, SPLIT														
2.7115 - SHAFT ASSY., GOVERNOR SHUTDOWN																
IH	5126404	SHAFT ASSY., 2, 3, 4-53 (INCLUDES PIN) (2.7053)	1			1										
	5104516	SHAFT ASSY., 6V53 (INCLUDES PIN)		1					1		1					
IM	5143146	SHAFT ASSY., 8V53			1											
IH	453676	PIN, 1/8" X 1" ROLL (12.9275)	1			1										
IJ	457009	PIN, 3/16" X 1 3/4" (12.9270)		1				1	1		1					
2.7117 - SPRING, GOVERNOR SHUTDOWN SHAFT																
IM	5131368	SPRING				1										
IM	5187641	WASHER (1.7605)				1										
2.7140 - WASHER, GOVERNOR THROTTLE SHAFT																
IH	5182977	SEAL RING, 2, 3, 4-53 (3.3055)	1													
	5179232	SEAL RING, 2, 3, 4-53 (2.4225)				1										
IJ,M	5176557	SEAL RING, 6, 8V53		1	1		1	1	1	1	1					
	5101691	SEAL RING, .362"X.113"		1	1				1							
	5126863	SPACER, 6V53						1								
	5197151	WASHER, SEAL RING BACK-UP			AR											
	5137177	WASHER						1			1					
	5119673	WASHER						1			1					
2.7145 - WASHER, GOVERNOR SHUTDOWN SHAFT																
IH,J,M	5182977	SEAL RING (3.3055)	1		1	1		1								
	5197150	WASHER, SEAL RING BACK-UP			AR											
2.7150 - RETAINER, GOVERNOR PACKING THROTTLE SHAFT																
E,J,M	5144177	RING, RETAINER	1	1	1	1	1		1	1						
E	274270	RING, RETAINER (2.9009)	1					1			1					
J,M	5174429	RING, RETAINER		1	1		1		1	1						
	5122732	RING, RETAINER				1										
E,J,M	5153060	RETAINER	1	1	1	1	1	1	1	1	1					
2.7155 - RETAINER, GOVERNOR PACKING SHUTDOWN SHAFT																
H,J,M	5144178	RING, RETAINER (2.7430)	1	1	1	1		2	1		1					
H,J,M	5178581	RING, RETAINER (2.7430)	1	1	1	1		1	1		1					
H,J,M	5151487	WASHER (2.7430)	1	1	1	1		1	1		1					

2.7000A MECHANICAL GOVERNOR

PART FIG ... NUMBER ... NAME AND DESCRIPTION			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.7350 - SHAFT AND CARRIER ASSY., GOVERNOR WEIGHT																
	5122782	+ SHAFT AND CARRIER ASSY.	1													
	5122787	+ SHAFT AND CARRIER ASSY.		1												
	5122788	+ SHAFT AND CARRIER ASSY.			1											
	5122882	SHAFT AND CARRIER ASSY.				1										
	5122883	SHAFT AND CARRIER ASSY.					1									
	5133819	SHAFT AND CARRIER ASSY.						1								
	5125042	+ SHAFT AND CARRIER ASSY.							1							
	5125043	+ SHAFT AND CARRIER ASSY.								1						
	5100061	SHAFT AND CARRIER ASSY.									1					
	5133590	SHAFT AND CARRIER ASSY.										1				
		+ NOT SERVICED, SHOWN FOR REFERENCE ONLY.														
2.7360 - SHAFT, GOVERNOR WEIGHT CARRIER																
ID	5196615	@ SHAFT ASSY. (INCLUDES SHAFT AND CARRIER) (2.7350)	1	1	1											
IJ	5121337	SHAFT				1	1	1								
IL	5196856	# SHAFT ASSY. (INCLUDES SHAFT AND CARRIER) (VARIABLE SPEED)							1	1						
IL	5196855	# SHAFT ASSY. (INCLUDES SHAFT AND CARRIER) (LIMITING SPEED)										1				
IM	5133591	SHAFT ASSY. (INCLUDES SHAFT AND CARRIER) (LIMITING SPEED)											1			
		@ NOT SERVICED, USE 5196855 FOR LIMITING SPEED GOVERNOR, 5196856 FOR VARIABLE AND CONSTANT SPEED GOVERNORS.														
		# REQUIRES FORCED LUBRICATION OF GOVERNOR WEIGHT HOUSING.														
2.7370 - CARRIER, GOVERNOR WEIGHT SHAFT																
J	5133707	CARRIER				1	1	1								
2.7380 - RISER, GOVERNOR																
D	5122784	& RISER (INCLUDES THRUST BEARING)	1	1	1											
J	5125367	RISER (INCLUDES THRUST BEARING)				1	1	1								
L	5109544	# RISER (INCLUDES THRUST BEARING) (SMALL FLANGE)							1	1	1					
		& NOT SERVICED, USE 5109544.														
		# REQUIRES FORCED LUBRICATION OF GOVERNOR WEIGHT HOUSING.														
2.7390 - WEIGHT, GOVERNOR																
	5122770	WEIGHT (HIGH SPEED)	2													
L	5122776	WEIGHT (LOW SPEED)	2									2				
L,D	5122772	WEIGHT		2					2							
L,D	5122773	WEIGHT			2					2						
J	5122774	WEIGHT				2										
J	5122775	WEIGHT					2									
J	5122771	WEIGHT (HIGH SPEED)						2								
J	5133662	WEIGHT (LOW SPEED)						2								
-	5129721	WEIGHT (HIGH SPEED,									2					
V	5133592	WEIGHT (LOW SPEED)											2			
V	5133551	WEIGHT (HIGH SPEED)												2		

2.7000A MECHANICAL GOVERNOR

		COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M
		2.7170 - LEVER, GOVERNOR COVER THROTTLE SHAFT													
	5119662	LEVER (LOWER, MANUAL THROTTLE)	1					1			1				
	5119664	LEVER, 2, 3, 4-53 (UPPER, OUTPUT SHAFT GOVERNOR LEVER)	1												
	5119663	LEVER, 6V53						1							
	5102653	LEVER, 6V53									1				
	5132350	SPRING (BETWEEN UPPER AND MIDDLE LEVERS)	1												
	5132351	SPRING						1			1				
	274415	RING, RETAINER (LOWER LEVER) (2.7150)	1												
	5119673	WASHER (ON LOWER LEVER) (2.7140)	1												

2.7000A MECHANICAL GOVERNOR

PART			COLUMN												
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M
2.7430 - PIN, GOVERNOR WEIGHT															
4D	5122785	PIN	4	2	2						4				
5J,M	5122786	PIN				2	2	4				4			
5L	5125044	PIN							2	2					
5L	5125339	SPACER							4	4					
4D,5M	9411504	RING, SNAP	4	2	2	2	2	4	4	4	4	4			
2.7460 - BEARING, GOVERNOR WEIGHT RISER THRUST															
5M	9437108	BEARING					1	1		1					
2.7470 - BEARING, GOVERNOR WEIGHT SHAFT END															
5D,L	907045	BEARING (N.D. 3202L1A)	1	1	1				1	1	1				
5D,L	9411502	RING, SNAP	1	1	1				1	1	1				
2.7502 - DIAPHRAM, GOVERNOR WEIGHT SHAFT															
NOTE: REFER TO 3.4350 FOR BLOWER DRIVE SUPPORT/GOVERNOR WEIGHT SHAFT BEARING SUPPORT FOR 6V-53 UNITS.															
5D	5122783	SUPPORT	1	1	1				1	1	1				

2.7000A MECHANICAL GOVERNOR

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.7350 - SHAFT AND CARRIER ASSY., GOVERNOR WEIGHT														
	5133832	SHAFT & CARRIER ASSY., 6V53	1													
	5134663	SHAFT & CARRIER ASSY., 8V53		1												
	5135002	% SHAFT & CARRIER ASSY., 2-53			1											
	5143287	% SHAFT & CARRIER ASSY., 2-53				1										
	5144103	% SHAFT & CARRIER ASSY., 3-53					1									
	5144315	SHAFT & CARRIER ASSY., 8V53						1								
		% NOT SERVICED, SHOWN FOR REFERENCE ONLY.														
		2.7360 - SHAFT, GOVERNOR WEIGHT CARRIER														
J	5121337	SHAFT, 6V53	1													
	5133591	SHAFT ASSY., 8V53 (INCLUDES SHAFT AND CARRIER) (LIMITING)		1				1								
L	5196855	* SHAFT ASSY., 2-53 (INCLUDES SHAFT AND CARRIER) (LIMITING)			1											
D	5196856	SHAFT ASSY., 2,3-53 (INCLUDES SHAFT AND CARRIER) (CONSTANT SPEED)				1	1									
		* REQUIRES FORCED LUBRICATION OF GOVERNOR WEIGHT HOUSING.														
		2.7370 - CARRIER, GOVERNOR WEIGHT SHAFT														
J	5134566	CARRIER	1													
		2.7380 - RISER, GOVERNOR														
J	5134435	RISER, 6V53 (INCLUDES THRUST BEARING)	1													
D,L	5109544	* RISER, 2,3-53 (INCLUDES THRUST BEARING) (SMALL FLANGE)			1	1	1									
		* REQUIRES FORCED LUBRICATION OF GOVERNOR WEIGHT HOUSING.														
		2.7390 - WEIGHT, GOVERNOR														
I	5122775	WEIGHT, 6V53	4													
	5138736	WEIGHT, 8V53 (VARIABLE SPEED)		2												
I	5122770	WEIGHT, 2-53 (HIGH SPEED)			2											
D,J	5143675	@ WEIGHT, 2-53				2										
I	5144176	WEIGHT, 3-53					1									
	5144314	WEIGHT, 8V53 (LOW SPEED)						2								
	5144313	WEIGHT, 8V53 (HIGH SPEED)						2								
		@ NOT SERVICED; FOR REPLACEMENT USE 5144176 AND INCLUDE (1) 5124201 SPRING IN 2.7550.														
		2.7430 - PIN, GOVERNOR WEIGHT														
M	5122786	PIN, 6,8V53	4	4				4								
D,L	5125044	PIN, 2,3-53			2	2	2									
D,L	5125339	SPACER			4	4	4									
	9411504	RING, SNAP	4	4	2		4	4								

2.7000A MECHANICAL GOVERNOR

PART			COLUMN													
.FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.7470 - BEARING, GOVERNOR WEIGHT SHAFT END														
5D,L	907045	BEARING (N.D. 3202L1A)			1	1	1									
5D,L	9411502	RING, SNAP			1	1	1									
		2.7502 - DIAPHRAM, GOVERNOR WEIGHT SHAFT														
		NOTE: REFER TO 3.4350 FOR BLOWER DRIVE SUPPORT/GOVERNOR WEIGHT SHAFT BEARING SUPPORT FOR 6V-53 UNITS.														
	5122783	SUPPORT			1	1	1									

2.7000A MECHANICAL GOVERNOR

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.7680 - HOUSING ASSY., GOVERNOR VARIABLE SPEED SPRING														
	5172555	* HOUSING ASSY. (A & B ENGINE) (5139662)	1													
	5172556	* HOUSING ASSY. (C & D ENGINE) (5139262)		1												
	5126841	* HOUSING ASSY. (C & D ENGINE) (5139262)			1											
	5126121	* HOUSING ASSY. (A & B ENGINE)				1										
	5183479	* HOUSING ASSY. (A & B ENGINE) (5139662)					1									
	5179124	* HOUSING ASSY. (C & D ENGINE) (5139262)						1								
	5127654	* HOUSING ASSY. (C & D ENGINE) (5139262)							1							
	5127655	* HOUSING ASSY. (A & B ENGINE) (5139662)								1						
	5126842	* HOUSING ASSY. (A & B ENGINE) (5139662)									1					
	5129660	* HOUSING ASSY. (A & B ENGINE) (5144095)										1				
		* NOT SERVICED; SHOWN FOR REFERENCE ONLY.														
		2.7690 - HOUSING, GOVERNOR VARIABLE SPEED SPRING														
F	5172557	* HOUSING (COUNTERBORE FOR SHAFT PACKING)	1	1			1	1								
F	5126060	@ HOUSING (NO COUNTERBORE)			1	1			1	1	1	1				
F	444692	PLUG, 1/4" PIPE (12.9550)	1	1		1	1	1	1	1	1	1				
F	5126789	PLUG, 5/8" CUP			1				1	1	1					
F	142656	PLUG, 3/4" EXPANSION (12.9330)	1	1			1	1								
F	5179613	BOLT, 1/4"-20X1" (IDLE SPEED ADJUST)	1	1			1	1					1			
	5143564	BOLT, 1/4"-20 X 1 1/2" SKT. HD. (IDLE SPEED ADJUST) (12.9076)			1	1			1	1	1	1				
F	123390	NUT, 1/4"-20 (12.9120)	1	1			1	1	1	1	1	1				
F	274856	NUT, 1/4"-20 THIN (12.9120)			1	1										
		* NOT SERVICED; LISTED FOR REFERENCE ONLY.														
		@ NOT SERVICED; USE 5145444 HOUSING AND INCLUDE (1) 5145446 COVER, (1) 5145445 GASKET AND (1) 9417926 SCREW AND LOCKWASHER ASSEMBLY.														
		2.7712 - BEARING, GOVERNOR VARIABLE SPEED SPRING LEVER SHAFT														
F	148402	BEARING (2.7100)	2	2	2	2	2	2	2	2	2	2				
		2.7720 - SHAFT, GOVERNOR VARIABLE SPEED SPRING LEVER														
F	5173964	SHAFT	1	1	1		1	1	1	1	1					
F	5126120	SHAFT				1										
F	5101694	SHAFT											1			
F	8928537	KEY, 3/32"X1/2" WOODRUFF (12.9350)	1	1	2	3	1	1	1	1	2	3				

2.7000A MECHANICAL GOVERNOR

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.7730 - LEVER, GOVERNOR VARIABLE SPEED SPRING														
5F	5176629	* LEVER	1	1					1	1						
5F	5179102	* LEVER ASSY. (INCLUDES ITEMS IN 2.7732)			1	1	1	1			1	1				
5F	223065	SCREW, 5/16"-24X1/4" SET (12.9076)	1	1	1	1	1	1	1	1	1	1				
5F	5143665	WASHER (PACKING RETAINER)	1	1	2	2	1	1	1	1	1	2				
		* NOT SERVICED, USE (1) 5139469 LEVER ASSY. AND INCLUDE (1) 5139468 BEARING AND (1) 9425165 PIN.														
		2.7732 - BEARING, GOVERNOR VARIABLE SPEED SPRING LEVER														
	5179105	BEARING			1	1	1	1			1	1				
	5185305	WASHER			2	2	2	2			2	2				
	5179104	PIN, 1/4"X9/16"			1	1	1	1			1	1				
		2.7750 - PACKING, GOVERNOR VARIABLE SPEED SPRING LEVER SHAFT														
5F	5153007	PACKING	1	1			1	1								
5F	5176557	SEAL RING (2.7140)			2	2			1	1	1	2				
	5196633	SEAL (LIP TYPE, MAY BE USED IN PLACE OF 5153007 PACKING)	AR	AR			AR	AR								

2.7000A MECHANICAL GOVERNOR

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.7680 - HOUSING ASSY., GOVERNOR VARIABLE SPEED SPRING														
	5127656	* HOUSING ASSY., 3-53 (A & B ENGINE) (5144097)	1													
	5132980	HOUSING ASSY., 2-53 (C & D ENGINE)		1												
	5139262	HOUSING ASSY., 3, 4-53 (C & D ENGINE)			1											
	5139662	HOUSING ASSY., 3, 4-53 (A & B ENGINE)				1										
	5144095	HOUSING ASSY., 2, 3, 4-53 (A & B ENGINE)					1									
	5144096	HOUSING ASSY., 3-53 (A & B ENGINE)						1								
	5139263	HOUSING ASSY., 6V53 (A & B ENGINE)							1							
		* NOT SERVICED, SHOWN FOR REFERENCE ONLY.														
		2.7690 - HOUSING, GOVERNOR VARIABLE SPEED SPRING														
F	5126060	@ HOUSING (NO COUNTERBORE)	1													
	5145444	HOUSING		1	1	1	1	1	1							
F	444692	PLUG, 1/4" PIPE SOC. HD. (12.9550)	1	1	1	1	1	1	1							
	5121182	PLUG, 1/4"-18 (2.4015)						1	1							
	5126789	PLUG, .696" EXPANSION (12.9330)			1	1										
	9417926	BOLT ASSY., 1/4"-20X3/4" (W/LW) (12.9001)		1	1	1	1	1	1							
	5179613	BOLT, 1/4"-20 X 1 1/4"						1								
	5143564	BOLT, 1/4"-20 X 1 1/2" SKT. HD. (IDLE SPEED ADJUST.) (12.9076)	1	1	1	1		1	1							
F	274856	NUT, 1/4"-20 THIN (12.9120)	1	1	1	1		1	1							
F	5141202	NUT, 1/4"-20 LOCK					1									
		@ NOT SERVICED; USE 5145444 HOUSING AND INCLUDE (1) 5145446 COVER, (1) 5145445 GASKET AND (1) 9417926 SCREW AND LOCKWASHER ASSEMBLY.														
		2.7692 - COVER, GOVERNOR VARIABLE SPEED SPRING HOUSING														
	5145446	COVER							1							
		2.7700 - GASKET, GOVERNOR VARIABLE SPEED SPRING HOUSING														
	5145445	GASKET							1							
		2.7712 - BEARING, GOVERNOR VARIABLE SPEED SPRING LEVER SHAFT														
F	148402	BEARING (2.7100)	2	2	2	2	2	2	2							
		2.7720 - SHAFT, GOVERNOR VARIABLE SPEED SPRING LEVER														
	5101694	SHAFT, 2, 3, 4-53	1	1			1	1								
	5173964	SHAFT, 3, 4-53			1	1										
	5126120	SHAFT, 6V53							1							
F	8928537	KEY, 3/32" X 1/2" WOODRUFF (12.9350)	3	3	2	2	3	3	3							

2.7000A MECHANICAL GOVERNOR

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.7730 - LEVER, GOVERNOR VARIABLE SPEED SPRING														
		A LEVER ASSY. INCLUDES LEVER, NOT SOLD SEPARATELY, PLUS ITEMS IN 2.7732.														
5F	5179102	@ LEVER ASSY., 2, 3-53	1	1												
5F	5139469	LEVER ASSY., 2, 3, 4, 6V53			1	1	1	1	1							
5F	223065	SCREW, 5/16"-24 X 1/4" SET (12.9076)	1	1	1	1	1	1	1							
5F	5143665	WASHER (PACKING RETAINER) @ NOT SERVICED, USE (1) 5139469 LEVER ASSY. AND INCLUDE (1) 5139468 BEARING AND (1) 9425165 PIN.	2	2	1	1	2	2	2							
		2.7732 - BEARING, GOVERNOR VARIABLE SPEED SPRING LEVER														
	5179105	BEARING	1	1												
	5139468	BEARING			1	1	1	1	1							
	5179104	PIN, 1/4" X 9/16"	1	1												
	9425165	PIN, 1/4" X .61"			1	1	1	1	1							
		2.7750 - PACKING, GOVERNOR VARIABLE SPEED SPRING LEVER SHAFT														
5F	5176557	SEAL RING (2.7140)	2	2	1	1	1	2	2							

2.7000A MECHANICAL GOVERNOR

PART		COLUMN														
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.7001 - GOVERNOR ASSY.																
5103796	GOVERNOR ASSY., 6V-53 (VARIABLE SPEED)	1														
5103784	GOVERNOR ASSY., 6V-53 (LIMITING SPEED)		1													
5103786	GOVERNOR ASSY., 6V-53 (LIMITING SPEED)			1												
5103792	GOVERNOR ASSY., 6V-53 (VARIABLE SPEED)				1											
5107132	GOVERNOR ASSY., 3, 4-53 (LIMITING SPEED)					1										
5107131	GOVERNOR ASSY., 3, 4-53 (LIMITING SPEED)						1									
5107127	GOVERNOR ASSY., 3, 4-53 (LIMITING SPEED)							1								
5107128	GOVERNOR ASSY., 3, 4-53 (LIMITING SPEED)								1							
5107142	GOVERNOR ASSY., 3, 4-53 (VARIABLE SPEED)									1						
5107145	GOVERNOR ASSY., 4-53 (VARIABLE SPEED)										1					
5107144	GOVERNOR ASSY., 3, 4-53 (VARIABLE SPEED)											1				
5107143	GOVERNOR ASSY., 3-53 (VARIABLE SPEED)												1			
5107139	GOVERNOR ASSY., 3, 4-53 (VARIABLE SPEED)													1		
8924601	GOVERNOR ASSY., 6V53 (LIMITING SPEED)														1	
2.7002 - NAME PLATE, GOVERNOR																
5122166	NAME PLATE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
145369	SCREW, #4X3/16" RED. HD. DR. (12.9067)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2.7045 - COVER ASSY., GOVERNOR-COMplete																
A COVER ASSY. INCLUDES ITEMS IN 2.7050, 2.7095, 2.7100, 2.7115, 2.7140, 2.7150 AND 2.7155.																
5103752	COVER ASSY., 6V53 (VARIABLE)	1			1											
5103748	COVER ASSY., 6V53 (LIMITING)		1	1												
5107124	COVER ASSY., 3, 4-53 (LIMITING)					1				1						
5107125	COVER ASSY., 3, 4-53 (LIMITING)							1	1							
5107138	COVER ASSY., 3, 4-53 (VARIABLE)										1			1		
5107137	COVER ASSY., 3, 4-53 (VARIABLE)											1	1		1	
8924602	COVER ASSY., 6V53 (LIMITING)															1
5101768	RETAINER	1			1						1	1	1	1	1	
9417926	SCREW, 1/4"-20X3/4" FIL. HD. (WITH LOCKWASHER) (12.9001)	6	8	8	6	4	4	4	4	4	3	3	3	3	3	8
5144196	WASHER (2.7045)					1	1	1	1	1	1	1	1	1	1	
453007	SCREW, 1/4"-20X1 (WITH LOCKWASHER) (12.9001)	1			1						1	1	1	1	1	
2.7050 - COVER ASSY., GOVERNOR-LESS SHAFT AND LEVERS																
5103756	COVER ASSY., 6V53 (VARIABLE)	1			1											
5103747	COVER ASSY., 6V53 (LIMITING)		1	1												1
5126397	COVER ASSY., 3, 4-53 (LIMITING)					1				1						

2.7000A MECHANICAL GOVERNOR

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.7050 - COVER ASSY., GOVERNOR-LESS SHAFT AND LEVERS (CONT'D)														
	5126398	COVER ASSY., 3, 4-53 (LIMITING)						1	1							
	5126431	COVER ASSY., 3, 4-53 (VARIABLE)									1			1		
	5126430	COVER ASSY., 3, 4-53 (VARIABLE)										1			1	
	9417392	PIN, SPRING (COILED) (12.9275)	2	2	2	2										2
		2.7051 - GASKET, GOVERNOR COVER														
	456540	PIN, SPRING (12.9275)					2	2	2	2	2	2	2	2	2	
5J	5121342	GASKET, 6V-53	1	1	1	1										1
5J	5122742	GASKET, 3, 4-53					1	1	1	1	1	1	1	1	1	
		2.7095 - SHAFT ASSY., GOVERNOR THROTTLE														
	5103780	SHAFT ASSY., 6V53	1			1										
	5106266	SHAFT ASSY., 6V53		1	1											
	5107122	SHAFT ASSY., 3, 4-53					1	1	1	1						
	5107136	SHAFT ASSY., 3, 4-53									1	1	1	1	1	
	8924603	SHAFT ASSY., 6V53														1
5M	113500	PIN, #1 X 7/8" TAPER (12.9280)	1	1	1	1										1
	455297	PIN, 5/32" X 7/8" SPRING (12.9270)														1
	455734	PIN, SPRING 1/8" X 3/4" (12.9300)					1	1	1	1	1	1	1	1	1	
	271287	FITTING, LUB 1/4"-28 (12.9540)					1	1	1	1						
		2.7100 - BEARING, GOVERNOR THROTTLE SHAFT														
	8921472	BUSHING	2	2	2	2										2
		2.7115 - SHAFT ASSY., GOVERNOR SHUTDOWN														
	5104516	SHAFT ASSY., 6V53 (INCLUDES PIN)		1	1											1
	5107123	SHAFT ASSY., 3, 4-53 (INCLUDES PIN)					1	1	1	1						1
5A	5143146	SHAFT ASSY., 6V53														1
5J	457009	PIN, 3/16" X 1 3/4" (12.9270)		1	1											1
	453676	PIN, 1/8" X 1" ROLL (12.9275)					1	1	1	1						
		2.7140 - WASHER, GOVERNOR THROTTLE SHAFT														
5J,M	5176557	SEAL RING, 6, 8V53	1	1	1	1										1
	5101691	SEAL RING		1	1		1	1	1	1						1
	5179232	SEAL RING (2.4225)					1	1	1	1	1	1	1	1	1	
		2.7150 - RETAINER, GOVERNOR PACKING THROTTLE SHAFT														
5E,J,M	5144177	RING, RETAINER	1	1	1	1										1
5J,M	5174429	RING, RETAINER	1	1	1	1										1
	5122732	RING, RETAINER					1	1	1	1	1	1	1	1	1	
5E,J,M	5153060	WASHER	1	1	1	1										1
	5150238	WASHER (3.4001)					1	1	1	1	1	1	1	1	1	
		2.7155 - RETAINER, GOVERNOR PACKING SHUTDOWN SHAFT														
5H,J,M	5144178	RING, RETAINER (2.7430)		1	1		1	1	1	1						1
5H,J,M	5178581	RING, RETAINER (2.7430)		1	1		1	1	1	1						1
5H,J,M	5151487	WASHER (2.7430)		1	1		1	1	1	1						1

2.7000A MECHANICAL GOVERNOR

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.7230 - HOUSING ASSY., GOVERNOR CONTROL																
5J	5121001	HOUSING, 6V-53 (INCLUDES ITEMS IN 2.7230 THROUGH 2.7300)	1			1										
5J	5145923	HOUSING, 6V-53		1												
5J	5100998	HOUSING, 6V-53			1											1
5J	5144090	HOUSING, 3, 4-53					1		1	1		1	1		1	
5J	5144089	HOUSING, 3, 4-53						1			1			1		
5J	5126069	ADAPTOR, INJECTOR CONTROL LINK BOOT 6V-53	2	2	2	2										2
	5116262	ADAPTOR, INJECTOR CONTROL LINK BODT 3, 4-53 (2.7830)					1	1	1	1	1	1	1	1	1	
	8924749	PLUG, 1/8" HEX. SOC. HD. (12.9550)					1	1	1	1						
5J	116337	PLUG, 1 1/16" EXPANSION (12.9390)	1	1	1	1										1
	9417025	PLUG, 1 3/4" EXP.	1	1	1	1										1
	141242	PIN, 3/8" X 7/8" L. (12.9290)	2	2	2	2										2
5J	5145823	PIN, .375" X 2.20" L.		1	1											1
5J	5119314	PIN, 3/8" X 1.68" (CONTROL LINK LEVER SHAFT)					1									
5J	5150942	PIN, DOWEL (COVER ALIGNING)	2	2	2	2										2
5J	5116071	PIN, (TO CYLINDER BLOCK END PLATE)	1	1	1	1										1
	9421917	SCREW, #10-24 X 7/16" (12.9025)	1		1											1
	120391	WASHER, 7/32" (12.9190)	1		1											1
2.7250 - SHAFT ASSY., GOVERNOR OPERATING																
INCLUDES ITEMS IN 2.7255, 2.7260, 2.7280 AND 2.7300.																
	5121458	SHAFT ASSY., 6V-53	1	1		1										
	5100999	SHAFT ASSY., 6V-53			1											1
	5122752	SHAFT ASSY., 3, 4-53					1		1	1		1	1		1	
	5122753	SHAFT ASSY., 3, 4-53						1	1		1			1		
2.7255 - SHAFT, GOVERNOR OPERATING																
5J	5121339	SHAFT, 6V-53	1	1	1	1										1
5J	5122751	SHAFT, 3, 4-53					1	1	1	1	1	1	1	1	1	
2.7257 - TUBE, GOVERNOR OPERATING SHAFT																
5D,K	5122754	TUBE, 3, 4-53					1	1	1	1	1	1	1	1	1	
2.7260 - BEARING, GOVERNOR OPERATING SHAFT-UPPER																
5D,J	9431894	BEARING	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5D,J	9421917	SCREW & LOCKWASHER ASSY, #10-24X7/16" (12.9025)		1		1	1	1	1	1	1	1	1	1	1	
5D,J	120391	WASHER, #10 (12.9190)		1		1	1	1	1	1	1	1	1	1	1	
2.7270 - BEARING, GOVERNOR OPERATING SHAFT-LOWER																
J	954987	BEARING, 6V-53	1	1	1	1										1
	9431887	BEARING, 3, 4-53					1	1	1	1	1	1	1	1	1	
	9413284	RING, RETAINER					1	1	1	1	1	1	1	1	1	
	9428477	PLUG, CUP (2.7340)					1	1	1	1	1	1	1	1	1	

2.7000A MECHANICAL GOVERNOR

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.7280 - LEVER, GOVERNOR OPERATING SHAFT-UPPER																
A LEVER ASSY. INCLUDES PIN IN 2.7300.																
5J	5116011	LEVER ASSY., 6V-53	1	1	1	1										1
	5122749	LEVER ASSY., 3, 4-53					1		1	1	1	1	1	1	1	
	5122750	LEVER ASSY., 3, 4-53						1	1					1		
	5132962	SCREW, GOVERNOR GAP ADJUSTING	1	1	1	1										1
	5145007	SCREW, GOVERNOR GAP ADJUSTING			1											1
	5150898	SCREW, GOVERNOR GAP ADJUSTING					1	1	1	1	1	1	1	1	1	
	5106055	BOLT, #5-40X.54"			1											1
	114492	LOCKNUT, 1/4"-28 (12.9120)	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	426324	NUT, #5-40 (12.9120)			1											1
2.7290 - FORK, GOVERNOR OPERATING SHAFT-LOWER																
5J	5138335	FORK, 6V-53	1	1	1	1										1
	5122741	FORK, 3, 4-53					1	1	1	1	1	1	1	1	1	
	9425382	SCREW (W/LOCKWASHER) #10-32X5/8" (12.9001)					2	2	2	2	2	2	2	2	2	
2.7300 - PIN, GOVERNOR OPERATING SHAFT LEVER																
5J	5150943	PIN, 6V-53	1	1	1	1										1
	5122746	PIN, 3, 4-53					1	1	1	1	1	1	1	1	1	
2.7310 - LEVER AND PIN ASSY., GOVERNOR DIFFERENTIAL																
A LEVER ASSY. INCLUDES PIN IN 2.7315.																
5J	5124209	LEVER ASSY., 6V-53	1	1	1	1										1
	5126311	LEVER ASSY., 3, 4-53					1	1	1	1						
	5122743	LEVER ASSY., 3, 4-53									1	1	1	1	1	
5J	5150941	WASHER	1	1	1	1	1	1	1	1						1
5J	142583	RETAINER, 13/64" SPRING (12.9460)	1	1	1	1	1	1	1	1						1
2.7315 - PIN, GOVERNOR DIFFERENTIAL LEVER																
5J	5150943	PIN, 6V-53 (2.7300)	1	1	1	1										1
	5126310	PIN, 3, 4-53					1	1	1	1						
	5122745	PIN, 3, 4-53									1	1	1	1	1	
2.7317 - LEVER ASSY., GOVERNOR CONTROL LINK OPERATING																
5J	5121490	LEVER ASSY., 6V-53 (INCLUDES NEEDLE BEARINGS)	1			1										
	5145820	LEVER ASSY., 6V-53 (INCLUDES NEEDLE BEARINGS)		1	1											1
5J	9437946	BEARING, NEEDLE (2.7440)	2	2	2	2										2
5J	5117693	PIN, 1.00" L.	2	2	2	2										2
5J	148148	RETAINER, 1/4" SPRING (12.9640)	1	1	1	1										1
5J	5151487	WASHER (2.7430)	2	3	3	2										3

2.7000A MECHANICAL GOVERNOR

PART FIG . . . NUMBER NAME AND DESCRIPTION			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.7340 - HOUSING, GOVERNOR WEIGHT																
3D,K	5129730	HOUSING, 3, 4-53 (C & D ENG.)					1			1		1	1		1	
3D,K	5129731	HOUSING, 3, 4-53 (A & B ENG.)						1	1		1			1		
3K	5119127	BUSHING (WEIGHT SHAFT END)					1	1	1	1	1	1	1	1	1	
2.7350 - SHAFT AND CARRIER ASSY., GOVERNOR WEIGHT																
A SHAFT AND CARRIER ASSY. INCLUDE ITEMS IN 2.7360, 2.7370, 2.7380, 2.7390, 2.7430 AND 2.7460.																
	5122883	SHAFT AND CARRIER ASSY.	1			1										
	5133819	SHAFT AND CARRIER ASSY.		1	1											1
	5100061	SHAFT AND CARRIER ASSY.					1	1	1	1						
	110529	SCREW, #10-24X1/4" FLAT HD. (12.9300)					1	1	1	1	1	1	1	1	1	
2.7360 - SHAFT, GOVERNOR WEIGHT CARRIER																
5J	5121337	SHAFT	1	1	1	1										1
	5196855	SHAFT ASSY. (INCLUDES SHAFT AND CARRIER) (LIMITING SPEED)					1	1	1	1						
	5196856	SHAFT ASSY. (INCLUDES SHAFT AND CARRIER) (VARIABLE SPEED)									1	1	1	1	1	
2.7370 - CARRIER, GOVERNOR WEIGHT SHAFT																
5J	5133707	CARRIER	1	1	1	1										1
2.7380 - RISER, GOVERNOR																
5J	5125367	RISER (INCLUDES THRUST BEARING)	1	1	1	1					1	1	1	1	1	1
	5109544	RISER (INCLUDES THRUST BEARING)					1	1	1	1						
2.7390 - WEIGHT, GOVERNOR																
5J	5122775	WEIGHT	2			2										
5J	5122771	WEIGHT (HIGH SPEED)		2	2											2
5J	5133662	WEIGHT (LOW SPEED)		2	2											2
	5129721	WEIGHT (LOW SPEED)					2	2	2	2						
	5122776	WEIGHT (LOW SPEED)					2	2	2	2						
	5122773	WEIGHT									2	2	2	2	2	
2.7430 - PIN, GOVERNOR WEIGHT																
5J,M	5122786	PIN	2	4	4	2										4
5D	5122785	PIN					4	4	4	4						
5L	5125044	PIN									2	2	2	2	2	
5D,5M	9411504	RING, SNAP	2	4	4	2	4	4	4	4	4	4	4	4	4	4
5L	5125339	SPACER									4	4	4	4	4	
2.7460 - BEARING, GOVERNOR WEIGHT RISER THRUST																
5M	9437108	BEARING	1	1	1	1	1	1	1	1	1	1	1	1	1	1

2.7000A MECHANICAL GOVERNOR

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.7470 - BEARING, GOVERNOR WEIGHT SHAFT END														
5D,L	907045	BEARING (N.D. 320261A)					1	1	1	1	1	1	1	1	1	
5D,L	9411502	RING, SNAP					1	1	1	1	1	1	1	1	1	
		2.7475 - SPACER, GOVERNOR WEIGHT SHAFT														
5B	5122738	SPACER (BETWEEN GEAR AND BEARING)					1	1	1	1	1	1	1	1	1	
		2.7502 - DIAPHRAM, GOVERNOR WEIGHT SHAFT														
		NOTE: REFER TO 3.4350 FOR BLOWER DRIVE SUPPORT/GOVERNOR WEIGHT SHAFT BEARING SUPPORT FOR 6V-53 UNITS.														
	5122783	SUPPORT					1	1	1	1	1	1	1	1	1	
		2.7540 - SPRING, GOVERNOR LOW SPEED														
5G	5122165	SPRING (ONE BLUE STRIPE)		1	1		1	1	1	1						1
		2.7550 - SPRING, GOVERNOR HIGH SPEED														
5G	5124415	SPRING, 6V-53 (ONE WHITE STRIPE)		1												
	5131541	SPRING, 6V-53 (ONE RED & GREEN STRIPE)			1											1
	5182560	SPRING, 3, 4-53 (WIDE RED STRIPE)					1	1								
	5132444	SPRING, 3,4-53 (TWO GREEN STRIPES)							1	1						
		2.7560 - PLUNGER, GOVERNOR LOW SPEED SPRING														
5G	5182555	PLUNGER, 2, 3, 4, 6V-53		1			1	1								
5G	5126135	PLUNGER, 3, 4, 6V-53			1				1	1						1
		2.7570 - SEAT, GOVERNOR LOW SPEED SPRING														
5G,M	5150892	SEAT		1	1		1	1	1	1						1
		2.7580 - CAP, GOVERNOR LOW SPEED SPRING														
	5103975	CAP		1	1		1	1	1	1						1
		2.7590 - SCREW, GOVERNOR LOW SPEED SPRING ADJUSTING														
	5101432	PIN		1			1	1								
	5101798	PIN, 1.80" L.			1				1	1						1
	5102270	SCREW		1	1		1	1								1
	5102256	BOLT, 1/4"-28X.88"							1	1						
5G,M	114492	LOCKNUT, 1/4"-28 (12.9120)		1	1		1	1	1	1						1

2.7000A MECHANICAL GOVERNOR

PART FIG . . . NUMBER NAME AND DESCRIPTION			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.7600 - SHIM, GOVERNOR HIGH SPEED SPRING																
5G	5151249	SHIM, .078"			AR				AR	AR						AR
5G	5150947	SHIM, .010"			AR				AR	AR						AR
2.7610 - RETAINER, GOVERNOR HIGH SPEED SPRING																
5G	5182557	RETAINER, 2, 3, 4, 6V-53		1			1	1								
5G	5174436	RETAINER, 3, 4, 6V-53			1					1						1
5G	5104860	RETAINER, 3, 4-53							1							
2.7615 - LOCKNUT, GOVERNOR HIGH SPEED SPRING RETAINER																
5G	5186115	LOCKNUT		1			1	1								
2.7630 - COVER, GOVERNOR HIGH SPEED SPRING																
5G	5131132	COVER, 2, 3, 4, 6V-53				1			1	1						1
5G	179816	BOLT, 5/16"-18 X 3/4" (12.9001)			2				2	2						2
5M	5155596	WASHER, 5/16" COPPER (4.7120)			2				2	2						2
2.7635 - HOUSING, GOVERNOR HIGH SPEED SPRING ADJUSTING SCREW																
5G,M	5182559	HOUSING		1			1	1								
5G,M	186270	BOLT, 5/16"-18 X 3 1/2" (12.9001)		2			2	2								
5G,M	5155596	WASHER, 5/16" COPPER (4.7120)		2			2	2								
2.7650 - GASKET, GOVERNOR HIGH SPEED SPRING COVER																
5G,M	8922593	GASKET	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2.7680 - HOUSING ASSY., GOVERNOR VARIABLE SPEED SPRING																
A HOUSING ASSY. INCLUDES ITEMS IN 2.7690, 2.7712, 2.7720, 2.7730, 2.7732 AND 2.7750.																
5139262	HOUSING ASSY., 3, 4-53 (C & D ENGINE)		1								1				1	
5139263	HOUSING ASSY., 6V53 (A & B ENGINE)					1						1				
5144097	HOUSING ASSY., 3, 4-53												1			
5144096	HOUSING ASSY., 3, 4-53													1		
142583	RETAINER, SPRING (12.9640)										1	1	1	1	1	
186270	BOLT, 5/16"-18X3 1/2" (12.9001)										2	2	2	2	2	
103320	LOCKWASHER, 5/16" (12.9200)		2			2										
5155596	WASHER, 5/16" COPPER (4.7120)										2	2	2	2	2	
5150941	WASHER, 21/64" (2.7310)										1	1	1	1	1	

DETROIT DIESEL

53 MPC ENGINES

2.7000A MECHANICAL GOVERNOR

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN												
			A	B	C	D	E	F	G	H	I	J	K	L	M
		2.7690 - HOUSING, GOVERNOR VARIABLE SPEED SPRING													
	5145444	HOUSING	1			1					1	1	1	1	1
	5145446	COVER	1			1					1	1	1	1	1
	5145445	GASKET	1			1					1	1	1	1	1
	5126789	PLUG	1								1				1
	9417926	BOLT ASSY., 1/4"-20X3/4" (W/LW) (12.9001)	1			1					1	1	1	1	1
	5143564	BOLT, 1/4"-20X1 1/2" SKT. HD. (IDLE SPEED ADJUST) (12.9076)	1			1					1	1	1	1	1
5F	274856	NUT, 1/4"-20 THIN (12.9120)	1			1					1	1	1	1	1
		2.7712 - BEARING, GOVERNOR VARIABLE SPEED SPRING LEVER SHAFT													
5F	148402	BEARING (2.7100)	2			2					2	2	2	2	2
		2.7720 - SHAFT, GOVERNOR VARIABLE SPEED SPRING LEVER													
	5173964	SHAFT, 3, 4-53	1								1				1
	5126120	SHAFT, 6V53				1						1			
	5101694	SHAFT, 3, 4-53											1	1	
5F	8928537	KEY, 3/32"X1/2" WOFF (12.9350)	2			3					2	3	3	3	2
		2.7730 - LEVER, GOVERNOR VARIABLE SPEED SPRING													
5F	5139469	LEVER ASSY., 2, 3, 4, 6V53	1			1					1	1	1	1	1
5F	223065	SCREW, 5/16"-24X1/4" SET (12.9076)	1			1					1	1	1	1	1
5F	5143665	WASHER (PACKING RETAINER)	1			2					1	2	2	2	1
		2.7732 - BEARING, GOVERNOR VARIABLE SPEED SPRING LEVER													
	5139468	BEARING	1			1					1	1	1	1	1
	9425165	PIN, 1/4"X.61"	1			1					1	1	1	1	1
		2.7750 - PACKING, GOVERNOR VARIABLE SPEED SPRING LEVER SHAFT													
5F	5176557	SEAL RING (2.7140)	1			2					1	2	2	2	1
		2.7760 - SPRING, GOVERNOR VARIABLE SPEED													
5F	5127397	SPRING, 4-53 (TWO LIGHT BLUE STRIPES)	1			1					1	1	1	1	1
		2.7770 - PLUNGER, GOVERNOR VARIABLE SPEED SPRING													
	5152938	PLUNGER, 6V-53	1			1					1	1	1	1	1
	5162661	PLUNGER, 3, 4-53													

2.7000A MECHANICAL GOVERNOR

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.7780 - GUIDE, GOVERNOR VARIABLE SPEED SPRING PLUNGER														
	5152939	GUIDE, 3,4,6V-53	1			1					1	1	1	1	1	
		2.7790 - RETAINER, GOVERNOR VARIABLE SPEED SPRING														
5F	5137276	RETAINER	1			1					1	1	1	1	1	
		2.7795 - STOP, GOVERNOR VARIABLE SPEED SPRING RETAINER														
5F	5171784	STOP, 2, 4, 6, 8V-53 (WITH STEP)	1			1					1	1	1	1	1	
5F	5174430	STOP, 2, 4, 6, 8V-53 (WITH GAP)	1			1					1	1	1	1	1	
		2.7800 - SHIM, GOVERNOR VARIABLE SPEED SPRING														
5F	5136590	SHIM, .010"	6			6					6	6	6	6	6	
5F	5136591	SHIM, .078"	3			3					3	3	3	3	3	
		2.7810 - SCREW ASSY., GOVERNOR BUFFER														
	5126073	SCREW ASSY. 6V-53 (INCLUDES SPRING)	1			1										
	5172383	SCREW ASSY. 6V-53 (INCLUDES SPRING)		1	1											1
	5183773	SCREW ASSY., 3, 4-53 (INCLUDES SPRING)									1	1	1	1	1	
	5177083	SCREW ASSY., 3, 4-53 (INCLUDES SPRING)					1	1								
	5139678	SCREW ASSY., 3, 4-53 (INCLUDES SPRING)							1	1						
	5152929	SPRING	1			1										
	5174286	NUT, 3/8"-24 (12.9140)	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		2.7890 - TUBE ASSY., GOVERNOR BEARING LUBRICATION														
5D	5144695	TUBE ASSY., 3, 4-53 (DEV. L. 8.08") (TEE TO CONTROL HOUSING) (A&B ENG.)									1			1		
5D	5144093	TUBE ASSY., 3, 4-53 (DEV. L. 7.32") (TEE TO CONTROL HOUSING) (C&D ENG.)											1		1	
5D	5143990	TEE, 1/4"-1/4" TUBE X 1/8" PIPE (IN WEIGHT HOUSING)									1	1	1	1	1	
5D	5166265	ELBOW, 1/4" TUBE X 1/8" PIPE, 90 DEG. (7.4074)									1	1	1	1	1	

2.7000A MECHANICAL GOVERNOR

			COLUMN											
..FIG	PART NUMBER	NAME AND DESCRIPTION	A	B										
	2.7001 - GOVERNOR ASSY.													
	8927159	GOVERNOR ASSY., 6V53 (LIMITING SPEED, VARIABLE LOW SPEED)	1											
	5103794	GOVERNOR ASSY., 6V53 (VARIABLE SPEED)		1										
	2.7002 - NAME PLATE, GOVERNOR													
	5122166	NAME PLATE	1	1										
	145369	SCREW, #4X3/16" RED. HD. DR.	2	2										
	2.7045 - COVER ASSY., GOVERNOR-COMplete													
		A COVER ASSY. INCLUDES ITEMS IN 2.7050, 2.7095, 2.7100, 2.7115, 2.7140, 2.7150 AND 2.7155.												
	5103748	COVER ASSY., 6V53 (LIMITING)	1											
	5103752	COVER ASSY., 6V53 (VARIABLE)		1										
	5101768	RETAINER		1										
	9417926	SCREW, 1/4"-20X3/4" FIL. HD. W/LOCKWASHER (12.9001)	8	6										
	453007	SCREW, 1/4"-20X1" W/LOCKWASHER (12.9001)		2										
	2.7050 - COVER ASSY., GOVERNOR-LESS SHAFT AND LEVERS													
	5103747	COVER ASSY., 6V53 (LIMITING)	1											
	5103756	COVER ASSY., 6V53 (VARIABLE)		1										
	9417392	PIN, SPRING (COILED) (12.9275)	2	2										
	2.7051 - GASKET, GOVERNOR COVER													
5J	5121342	GASKET	1	1										
	2.7095 - SHAFT ASSY., GOVERNOR THROTTLE													
	5106266	SHAFT ASSY., 6V53	1											
	5103780	SHAFT ASSY., 6V53		1										
5A	113500	PIN, #1X7/8" TAPER (12.9280)	1											
	455297	PIN, 5/32"X7/8" SPRING (12.9270)		1										
	2.7100 - BEARING, GOVERNOR THROTTLE SHAFT													
	8921472	BUSHING	2	2										
	2.7115 - SHAFT ASSY., GOVERNOR SHUTDOWN													
	5104516	SHAFT ASSY., 6V53 (INCLUDES PIN)	1											
5J	457009	PIN, 3/16"X1 3/4" (12.9270)	1											
	2.7140 - WASHER, GOVERNOR THROTTLE SHAFT													
5J,M	5176557	SEAL RING, 6V53	1	1										
	5101691	SEAL RING	1											

2.7000A MECHANICAL GOVERNOR

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B												
		2.7150 - RETAINER, GOVERNOR PACKING THROTTLE SHAFT														
E	5144177	RING, RETAINER	1	1												
J	5174429	RING, RETAINER	1	1												
E	5153060	WASHER	1	1												
		2.7155 - RETAINER, GOVERNOR PACKING SHUTDOWN SHAFT														
J	5144178	RING, RETAINER (2.7430)	1													
J	5178581	RING, RETAINER (2.7430)	1													
J	5151487	WASHER (2.7430)	1													
		2.7230 - HOUSING ASSY., GOVERNOR CONTROL														
J	5100998	HOUSING, 6V-53	1													
J	5134686	HOUSING, 6V-53		1												
J	5126069	ADAPTOR, INJECTOR CONTROL LINK BOOT 6V-53	2	2												
J	116337	PLUG, 1 1/16" EXPANSION (12.9390)	1	1												
	9417025	PLUG, 1 3/4" EXP.	1	1												
	141242	PIN, 3/8"X7/8" L. (12.9290)	2	2												
J	5119314	PIN, 3/8"X1.68" (CONTROL LINK LEVER SHAFT)		1												
J	5145823	PIN, .375"X2.20"L.	1													
J	5150942	PIN, DOWEL (COVER ALIGNING)	2	2												
J	5116071	PIN (TO CYL BLK END PLATE)	1	1												
	9421917	SCREW, #10-24X7/16" (12.9025)	1	1												
	120391	WASHER, 7/32" (12.9190)	1	1												
		2.7250 - SHAFT ASSY., GOVERNOR OPERATING														
	5100999	SHAFT ASSY., 6V53	1													
	5134684	SHAFT ASSY., 6V53		1												
		2.7255 - SHAFT, GOVERNOR OPERATING														
J	5121339	SHAFT, 6V53	1													
J	5134316	SHAFT, 6V53		1												
		2.7260 - BEARING, GOVERNOR OPERATING SHAFT-UPPER														
J	9431894	BEARING	1													
J	9431896	BEARING		1												
		2.7270 - BEARING, GOVERNOR OPERATING SHAFT-LOWER														
J	954987	BEARING, 6V53	1	1												
		2.7280 - LEVER, GOVERNOR OPERATING SHAFT-UPPER														
J	5116011	LEVER ASSY., 6V53	1													
J	5134685	LEVER ASSY., 6V53		1												
	5145007	SCREW, GOV. GAP ADJ.	1													
	5132962	SCREW, GOV. GAP ADJ.		1												

2.7000A MECHANICAL GOVERNOR

PART			COLUMN											
FIG	NUMBER	NAME AND DESCRIPTION	A	B										
		2.7280 - LEVER, GOVERNOR OPERATING SHAFT-UPPER (CONT'D)												
	5106055	BOLT, #5-40X.54	1											
	114492	LOCKNUT, 1/4"-28 (12.9120)		1										
	426324	NUT, #5-40 (12.9120)	1											
		2.7290 - FORK, GOVERNOR OPERATING SHAFT-LOWER												
5J	5138335	FORK, 6V53	1	1										
	5134193	SPACER		1										
		2.7300 - PIN, GOVERNOR OPERATING SHAFT LEVER												
5J	5150943	PIN, 6V53	1	1										
		2.7310 - LEVER AND PIN ASSY., GOVERNOR DIFFERENTIAL												
		A LEVER ASSY. INCLUDES PIN IN 2.7315.												
5J	5124209	LEVER ASSY., 6V53	1	1										
5J	5150941	WASHER	1	1										
5J	142583	RETAINER, 13/64" SPRING (12.9460)	1	1										
		2.7315 - PIN, GOVERNOR DIFFERENTIAL LEVER												
5J	5150943	PIN, 6V53 (2.7300)	1	1										
		2.7317 - LEVER ASSY., GOVERNOR CONTROL LINK OPERATING												
5J	5145820	LEVER ASSY., 6V53 (INCLUDES NEEDLE BEARINGS)	1											
5J	5121490	LEVER ASSY., 6V53 (INCLUDES NEEDLE BEARING)		1										
5J	447196	BEARING, NEEDLE (2.7440)	2	2										
5J	5117693	PIN, 1.00"L.	2	2										
5J	148148	RETAINER, 1/4" SPRING (12.9640)	1	1										
5J	5151487	WASHER (2.7430)	2	2										
		2.7350 - SHAFT AND CARRIER ASSY., GOVERNOR WEIGHT												
		A SHAFT AND CARRIER ASSY. INCLUDES ITEMS IN 2.7360, 2.7370, 2.7380, 2.7390, 2.7430 AND 2.7460.												
	5141762	SHAFT AND CARRIER ASSY.	1											
	5133832	SHAFT AND CARRIER ASSY.		1										
		2.7360 - SHAFT, GOVERNOR WEIGHT CARRIER												
5J	5121337	SHAFT	1	1										

2.7000A MECHANICAL GOVERNOR

PART			COLUMN											
FIG	NUMBER	NAME AND DESCRIPTION	A	B										
2.7370 - CARRIER, GOVERNOR WEIGHT SHAFT														
J	5133707	CARRIER	1											
	5134566	CARRIER		1										
2.7380 - RISER, GOVERNOR														
J	5125367	RISER (INCLUDES THRUST BEARING)	1											
	5134435	RISER (INCLUDES THRUST BEARING)		1										
2.7390 - WEIGHT, GOVERNOR														
J	5122771	WEIGHT (HIGH SPEED)	2											
J	5122775	WEIGHT		4										
J	5141763	WEIGHT (LOW SPEED)	2											
2.7430 - PIN, GOVERNOR WEIGHT														
J	5122786	PIN	4	8										
M	9411504	RING, SNAP	4	4										
2.7460 - BEARING, GOVERNOR WEIGHT RISER THRUST														
M	9437108	BEARING	1											
M	9438907	BEARING		1										
2.7540 - SPRING, GOVERNOR LOW SPEED														
G	5145638	SPRING (INNER)	1											
G	5145780	SPRING (OUTER)	1											
2.7550 - SPRING, GOVERNOR HIGH SPEED														
G	5141764	SPRING, 6V53	1											
2.7560 - PLUNGER, GOVERNOR LOW SPEED SPRING														
G	5101705	PLUNGER, 6V53	1											
2.7561 - RETAINER, GOVERNOR LOW SPEED SPRING PLUNGER SHAFT														
	5101708	RETAINER	1											
	274268	RING, SNAP	1											
	5140045	LOCKNUT	1											
	9437408	PIN, SPRING 3/32"X1/4" (12.9270)	1											
2.7563 - PLUNGER, GOVERNOR HIGH SPEED SPRING														
	5101709	PLUNGER	1											

2.7000A MECHANICAL GOVERNOR

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			COLUMN											
			A	B										
		2.7580 - CAP, GOVERNOR LOW SPEED SPRING												
	5145781	CAP	1											
		2.7610 - RETAINER, GOVERNOR HIGH SPEED SPRING												
5G	5145784	RETAINER, 6V53	1											
		2.7615 - LOCKNUT, GOVERNOR HIGH SPEED SPRING RETAINER												
5G	5182558	LOCKNUT	1											
		2.7650 - GASKET, GOVERNOR HIGH SPEED SPRING COVER												
5G	8922593	GASKET	1	1										
		2.7680 - HOUSING ASSY., GOVERNOR VARIABLE SPEED SPRING												
		A HOUSING ASSY. INCLUDES ITEMS IN 2.7690, 2.7712, 2.7720, 2.7730, 2.7732 AND 2.7750.												
	5139263	HOUSING ASSY., 6V53 (A&B ENGINE)		1										
	186270	BOLT, 5/16"-18X3 1/2" (12.9001)		2										
	103320	LOCKWASHER, 5/16" (12.9200)		2										
		2.7690 - HOUSING, GOVERNOR VARIABLE SPEED SPRING												
	5101712	HOUSING	1											
	5145444	HOUSING		1										
	5145446	COVER		1										
	5145445	GASKET		1										
	5143564	BOLT, 1/4"-20X1/2" (12.9076)		1										
	9417926	BOLT ASSY., 1/4"-20X3/4" (W/LW) (12.9001)		1										
	451328	BOLT, 5/16"-18X4" (DRILLED HEAD) (12.9001)	2											
	103321	LOCKWASHER, 5/16" (12.9200)	2											
	274856	NUT, 1/4"-20 (12.9120)		1										
		2.7712 - GEARING, GOVERNOR VARIABLE SPEED SPRING LEVER SHAFT												
5F	148402	BEARING (2.7100)		2										
		2.7720 - SHAFT, GOVERNOR VARIABLE SPEED SPRING LEVER												
	5126120	SHAFT, 6V53		1										
5F	8928537	KEY, 3/32"X1/2" (12.9350)		3										

2.7000A MECHANICAL GOVERNOR

			COLUMN											
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B										
		2.7730 - LEVER, GOVERNOR VARIABLE SPEED SPRING												
F	5139469	LEVER ASSY., 6V53		1										
F	223065	SCREW, 5/16"-24X1/4" SET (12.9076)		1										
F	5143665	WASHER (PACKING RETAINER)		2										
		2.7732 - BEARING, GOVERNOR VARIABLE SPEED SPRING LEVER												
	5139468	BEARING		1										
	9425165	PIN, 1/4"X.61"		1										
		2.7736 - PISTON, GOVERNOR SPEED CONTROL												
	5101706	PISTON	1											
		2.7737 - SEAL, GOVERNOR SPEED CONTROL PISTON												
	5101711	SEAL (2.7736)	1											
		2.7741 - CYLINDER, GOVERNOR SPEED CONTROL PISTON												
	5101707	CYLINDER	1											
	5101704	TUBE, TRANSFER 1.76"L. (2.7694)	1											
	5101710	RING, SEAL .070"X.114" I.D. (2.7694)	1											
	114493	LOCKWASHER, 5/16"-24 (2.7170)	1											
		2.7750 - PACKING, GOVERNOR VARIABLE SPEED SPRING LEVER SHAFT												
F	5176557	SEAL RING (2.7140)		2										
		2.7760 - SPRING, GOVERNOR VARIABLE SPEED												
F	5133712	SPRING, 6V53		1										
		2.7770 - PLUNGER, GOVERNOR VARIABLE SPEED SPRING												
	5138331	PLUNGER, 6V53		1										
		2.7780 - GUIDE, GOVERNOR VARIABLE SPEED SPRING PLUNGER												
	5152939	GUIDE, 6V53		1										
		2.7790 - RETAINER, GOVERNOR VARIABLE SPEED SPRING												
F	5137276	RETAINER		1										

2.7000A MECHANICAL GOVERNOR

PART			COLUMN											
FIG	NUMBER	NAME AND DESCRIPTION	A	B										
		2.7795 - STOP, GOVERNOR VARIABLE SPEED SPRING RETAINER												
5F	5171784	STOP, 6V53 (W/STEP)		1										
5F	5174430	STOP, 6V53 (W/GAP)		1										
		2.7800 - SHIM, GOVERNOR VARIABLE SPEED SPRING												
5F	5136590	SHIM, .010"		6										
5F	5136591	SHIM, .078"		3										
		2.7810 - SCREW ASSY., GOVERNOR BUFFER												
	5172383	SCREW ASSY., 6V53 (INCLUDES SPRING)	1	1										
	5174286	NUT, 3/8"-24 (12.9140)	1	1										

2.8000A HYDRAULIC GOVERNOR

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	4 9 2	4 9 7	5 5 5	5 5 6	6 9 5	8 2 2	8 7 1	8 8 3	9 7 3	9 7 4	9 9 8	1 0 0 2
	2.8030 - GOVERNOR ASSY.													
	(DOES NOT INCLUDE DRIVE ASSY. IN 2.8750.) SEE ASSEMBLY BREAKDOWN PAGE A1.													
IC	5124621	= GOVERNOR ASSY., 4-53 (SG) (C & D ENGINES)	1											
IC	5108291	? GOVERNOR ASSY., 2,3,4-53 (SG) (C & D ENGINES)	1			1							1	
IC	5124620	= GOVERNOR ASSY., 2,3,4-53 (SG) (A & B ENGINES)		1	1									
IC	5108290	? GOVERNOR ASSY., 2,3,4-53 (SG) (A & B ENGINES)		1	1									
IC	5131976	# GOVERNOR ASSY., 2-53 (PSG) (C & D ENGINES)					1							
	5136998	GOVERNOR ASSY., 4-53 (SG) (C ENGINE)						1						1
	5138071	GOVERNOR ASSY., 4-53 (SG) (24V. MOTOR) (C ENGINE)							1					
	5138414	# GOVERNOR ASSY., 4-53 (PSG) (C ENGINE)								1				
	5141046	GOVERNOR ASSY., 4-53 (SG) (C ENGINE)									1			
	5142346	GOVERNOR ASSY., 4-53 (SG) (115V MOTOR) (D ENGINE)										1		
IC	186624	BOLT, 5/16"-18X1 1/4" (12.9001)	4	4	4									
	179823	BOLT, 5/16"-18X1 5/8" (12.9001)				3		4	4		4	4	4	4
IC	179824	BOLT, 5/16"-18X1 3/4" (12.9001)					4			4				
	103320	LOCKWASHER, 5/16" (12.9200)	4	4	4	3	4	4	4	4	4	4	4	4
		= THRU 2D-13293, 3D-3235, 4D-4456. NOT SERVICED, COMPONENTS ARE AVAILABLE FOR COMPLETE REPLACEMENT USE ASS Y. MARKED ?.												
		? EFFECTIVE WITH 2D-13294, 3D-3236, 4D-4457.												
		# COMPONENT PARTS FOR ISOCHRONOUS GOVERNOR ARE NOT SERVICED BY DDA.												
	2.8035 - GASKET, GOVERNOR TO BLOWER													
	5116336	GASKET, 2,3,4-53 (2.7010)	1	1	1	1	1	1	1	1	1	1	1	1
	2.8410 - LEVER, GOVERNOR SPEED ADJUSTING FLOATING													
	5127117	LEVER, 2,3,4-53 (THROTTLE CONTROL TERMINAL) (2.8450)				1								
	181314	BOLT, 1/4"-28X7/8" (12.9001)				1								
	2.8750 - DRIVE ASSY., GOVERNOR													
	INCLUDES ITEMS IN 2.8780 THRU 2.8850.													
IC	5124465	DRIVE ASSY., 2, 3, 4-53 (RC, RD, LC, LD ENGINE)	1			1	1	1	1	1	1	1	1	1
IC	5124464	DRIVE ASSY., 2,3,4-53 (RA,RB,LA,LB ENGINE)		1	1									
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
	9414285	BOLT, 3/8"-24X7/8" (2.7001)	3	3	3	3	3	3	3	3	3	3	3	3
	5152148	WASHER, 3/8", COPPER (2.4050)	3	3	3	3	3	3	3	3	3	3	3	3
	103341	WASHER, 3/8" (12.9190)					2	2	2	2	2	2	2	2
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2		2							

2.8000A HYDRAULIC GOVERNOR

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 9 2	4 9 7	5 5 5	5 5 6	6 9 5	8 2 2	8 7 1	8 8 3	9 7 3	9 7 4	9 9 8	1 0 0 2
		2.8760 - GASKET, DRIVE TO GOVERNOR												
	3224773	GASKET, 2,3,4-53	1	1	1	1	1	1	1	1	1	1	1	1
		2.8780 - HOUSING, GOVERNOR DRIVE												
		A HOUSING ASSY. INCLUDES ITEMS IN 2.8750.												
6B	5124381	HOUSING, 2,3,4-53 (RC,RD,LC,LD ENGINE)	1			1	1	1	1	1	1	1	1	1
6B	5124380	HOUSING, 2,3,4-53 (RA,RB,LA,LB ENGINE)		1	1									
		2.8790 - SHAFT ASSY., GOVERNOR DRIVEN												
		INCLUDES ITEMS IN 2.8795, 2.8800 AND BEARING IN 2.8810.												
6B	5124459	SHAFT ASSY., 2,3,4-53	1	1	1	1	1	1	1	1	1	1	1	1
		2.8795 - SHAFT, GOVERNOR DRIVEN												
6B	3224084	SHAFT, 2,3,4-53	1	1	1	1	1	1	1	1	1	1	1	1
		2.8800 - SLEEVE, GOVERNOR DRIVEN SHAFT												
6B	5119065	SLEEVE, 2,3,4-53	1	1	1	1	1	1	1	1	1	1	1	1
		2.8810 - BEARING, GOVERNOR DRIVEN SHAFT												
	954498	BEARING (N.D. 3202L1A)	1	1	1	1	1	1	1	1	1	1	1	1
	5169866	GASKET	2	2	2	2	2	2	2	2	2	2	2	2
	5169864	SCREW, 1/4"-20X1" SET	2	2	2	2	2	2	2	2	2	2	2	2
	274856	NUT, 1/4"-20 (12.9120)	2	2	2	2	2	2	2	2	2	2	2	2
		2.8815 - GEAR AND SHAFT ASSY., GOVERNOR DRIVE												
		INCLUDES ITEMS IN 2.8815 THRU 2.8830.												
6B	5124460	GEAR ASSY., 2,3,4-53	1	1	1	1	1	1	1	1	1	1	1	1
6B	5124433	GEAR, 2,3,4-53 (16 TEETH)	1	1	1	1	1	1	1	1	1	1	1	1
		2.8820 - SHAFT, GOVERNOR DRIVE												
6B	5124434	SHAFT, 2,3,4-53	1	1	1	1	1	1	1	1	1	1	1	1
		2.8830 - BEARING, GOVERNOR DRIVE THRUST												
6B	903303	BEARING (N.D. 3303X1A) (1 7/8"O.D.)	1	1	1	1	1	1	1	1	1	1	1	1
6B	907045	BEARING (N.D. #3203L1A) (1 5/8"O.D.) (2.7470)	1	1	1	1	1	1	1	1	1	1	1	1

2.8000A HYDRAULIC GOVERNOR

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	4 9 2	4 9 7	5 5 5	5 5 6	6 9 5	8 2 2	8 7 1	8 8 3	9 7 3	9 7 4	9 9 8	1 0 2
		2.8840 - SPACER, GOVERNOR DRIVE SHAFT BEARING												
B	5122738	SPACER (2.7475)	1	1	1	1	1	1	1	1	1	1	1	1
		2.8850 - RETAINER, GOVERNOR DRIVE SHAFT BEARING												
B	9416358	RETAINER (5.6140)	1	1	1	1	1	1	1	1	1	1	1	1
		2.8855 - GEAR, GOVERNOR DRIVE												
B	5116025	* GEAR, 2,3,4-53 RA, RB, LC, LD (R.H. HELIX; 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; 56 TEETH) (2.7960)	1	1	1	1	1	1	1	1	1	1	1	1
B	5116026	* GEAR, 2,3,4-53 RC, RD, LA, LB (L.H. HELIX; 49 TEETH)	1	1	1	1	1	1	1	1	1	1	1	1
	5107077	+ GEAR, 3,4-53 RC, RD, LA, LB (LH HELIX; 56 TEETH) (2.7960)	1	1	1	1	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	1	1	1	1
	9434177	NUT, 5/8"-18 LOCK (12.9140) * THRU 3D-170682 AND 4D-180938. + EFF. WITH 3D-170683 AND 4D-180939.	1	1	1	1	1	1	1	1	1	1	1	1
		2.8910 - TUBE, GOVERNOR OPERATING PRESSURE												
C	5125397	TUBE ASSY., 2,3,4-53 (RC,RD,LC,LD ENGINE)	1			1		1	1		1	1	1	1
C	5125398	TUBE ASSY., 2,3,4-53 (RA,RB,LA,LB ENGINE)		1	1									
	5132216	* TUBE ASSY., 2,4-53 (BLOCK TO FILTER)					1			1				
	5132217	* TUBE ASSY., 2,4-53 (FILTER TO GOVERNOR) (2.8912)					1			1				
	8925609	CONNECTOR, 5/16" INV. FL. TUBE X 1/8" P.T. (12.9460)					1			1				
C	8925032	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)	1	1	1	1		1	1		1	1	1	1
	8925024	ELBOW, 1/4" INV. FL. TUBE 45 DEG. (12.9480)	1	1	1	1		1	1		1	1	1	1
	8924215	ELBOW, 5/16" INV. FL. TUBE 90 DEG. (12.9480)					2			2				
	8924153	ELBOW, 5/16" INV. FL. TUBE 90 DEG. X 1/8" P.T. (12.9480)					1			1				
	144045	BUSHING, 1/2"X1/4" RED. (12.9570) * OBSOLETE.					2			2				
		2.8940 - LINK, INJECTOR CONTROL TUBE												
		A LINK KIT INCLUDES LINK, END BEARING SPACER AND ATTACHING PARTS IN 2.8940.												
A	5124476	LINK, 2,3,4-53 (A & C ENGINE)	1	1										
A	5124477	LINK, 2,3,4-53 (B & D ENGINE)	1	1										
A	5139681	# LINK, 2,3,4-53 (A ENGINE)			1									
A	5198817	LINK, KIT 2,3,4-53 (A ENGINE)			1									
A	5139680	# LINK, 2,3,4-53 (C ENGINE)				1		1	1		1			
A	5128413	# LINK, 2,3,4-53 (D ENGINE)				1								

DETROIT DIESEL

53 MPC ENGINES

2.8000A HYDRAULIC GOVERNOR

			TYPES										
FIG	PART NUMBER	NAME AND DESCRIPTION	4	5	5	6	8	8	9	9	9	1	
			9	4	5	9	8	8	7	7	9	0	
			2	9	5	5	2	1	3	3	4	8	2
		2.8940 - LINK, INJECTOR CONTROL TUBE (CONT'D)											
7A	5198819	LINK, KIT 2,3,4-53 (D ENGINE)				1							
7A	5131800	# LINK, 2-53 (RC ENGINE)					1		1				
7A	5198818	LINK, KIT 2-53 (RC ENGINE)					1		1				
	5140498	LINK, 4-53 (RD ENGINE)									1		
	5140497	LINK, 2,4-53 (RC ENGINE)										1	1
6C	5118491	JOINT, 1/4 -28 BALL (12.9680)	1	1	1	1	1	1	1	1			
	5120273	BEARING, ROD END (2.9730)									1	1	1
	5140751	SPACER, 50"X17/64"X.24"									1	1	1
7A	5147345	PIN (INJECTOR CONTROL TUBE LEVER) (2.9022)		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	2	2	2
	181317	BOLT, 1/4"-28X1 1/4" (12.9001)									1	1	1
	103319	LOCKWASHER, 1/4" (12.9200)	1	1	1	1	1	1	1	1	1	1	1
6C	114492	LOCKNUT, 1/4"-28 (12.9120)	2	2	2	2	2	2	2	2	1	1	1
		# NOT SERVICED. FOR REPLACEMENT USE LINK KIT SHOWN IN SAME TYPE.											
		2.8945 - ADAPTOR, CYLINDER HEAD GOVERNOR CONTROL LINK											
4A	5121252	ADAPTOR, 2,3,4-53 (2.7830)	1	1	1	1	1	1	1	1	1	1	1
		2.8950 - BOOT, INJECTOR CONTROL TUBE LINK											
6C	5121385	BOOT, 2,3,4-53 (2.7834)	1	1	1	1	1	1	1	1	1	1	1
		2.8955 - LINK, GOVERNOR OPERATING CONNECTING											
6C	5124611	SPRING, 2,3,4-53	1	1	1	1	1	1		1	1	1	1
6C	5131998	SPRING, 2-53					1		1				
		2.8975 - LEVER, GOVERNOR OPERATING SHAFT											
6C	5124501	LEVER, 2,3,4-53 (EXTERNAL) (2.8450)	1	1									
6C	5127117	LEVER, 2,3,4-53 (EXTERNAL) (2.8450)			1	1	1	1	1	1	1	1	1
6C	181314	BOLT, 1/4"-28X7/8" (12.9001)	1	1	1	1	1	1	1	1	1	1	1
	103319	LOCKWASHER, 1/4" (12.9200)										1	1
		2.8985 - FILTER ASSY., OIL-FULL FLOW											
		INCLUDES ELEMENT IN 2.8986 AND GASKET IN 2.8987.											
	5119730	FILTER ASSY., 2,4-53 (4.2240)					1		1				
	181361	BOLT, 3/8"-24X7/8" (12.9001)					2		2				
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)					2		2				
	103341	WASHER, 3/8" (12.9190)					6		6				
	103321	LOCKWASHER, 3/8" (12.9200)					4		4				
	103026	NUT, 3/8"-24 (12.9120)					4		4				
		2.8986 - ELEMENT, OIL FILTER											
		INCLUDES GASKET IN 2.8987.											
	9023829	ELEMENT, 2,4-53 (4.2250)					1		1				

2.8000A HYDRAULIC GOVERNOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		4 9 2	4 9 7	5 5 5	5 5 6	6 9 5	8 2 2	8 7 1	8 8 3	9 7 3	9 7 4	9 9 8	1 0 0 2	
2.8995 - BRACKET, OIL FILTER MOUNTING														
5131619	BRACKET, 2.4-53 (FRONT)					1			1					
5131620	BRACKET, 2.4-53 (REAR)					1			1					
181342	BOLT, 5/16"-24X1 3/8" (12.9001)					1			1					
8927582	BOLT, 3/8"-16X1 1/4" (12.9001)					1			1					
442733	BOLT, 1/2"-13X1 1/4" (12.9001)					2			2					
103320	LOCKWASHER, 5/16" (12.9200)					1			1					
103321	LOCKWASHER, 3/8" (12.9200)					1			1					
103323	LOCKWASHER, 1/2" (12.9200)					2			2					
114493	LOCKNUT, 5/16"-24 (2.7170)					1			1					

2.8000A HYDRAULIC GOVERNOR

		TYPES									
FIG	PART NUMBER	NAME AND DESCRIPTION	1 0 4	1 0 3	1 0 4	1 0 7	1 1 4	1 1 6	1 7 5	1 7 5	1 9 6
		2.8030 - GOVERNOR ASSY.									
		(DOES NOT INCLUDE DRIVE ASSY. IN 2.8750.) SEE ASSEMBLY BREAKDOWN PAGE A1.									
	NPN	GOVERNOR ASSY., 4-53 (CUSTOMER FURNISHED)				1					
6C	5108291	* GOVERNOR ASSY., 2,3,4-53 (SG) (C & D ENGINES)	1								1
	5143957	GOVERNOR ASSY., 6V53 (SG) (A ENGINE)		1		1					
	5143979	# GOVERNOR ASSY., 6V53 (PSG) (C ENGINE)			1						
	5146121	GOVERNOR ASSY., 2-53 (SG) (C ENGINE)					1				
	5143657	GOVERNOR ASSY., 4-53 (SG)						1			
	5136998	GOVERNOR ASSY., 4-53 (SG) (C ENGINE)							1		
	180082	BOLT, 5/16"-18X1 3/8" (12.9001)		1		1					
	179823	BOLT, 5/16"-18X1 5/8" (12.9001)	4	3		3	4	4	4	4	
6C	179824	BOLT, 5/16"-18X1 3/4" (12.9001)			4			4			
	446202	WASHER, 5/16" COPPER (12.9190)		1		1					
	103320	LOCKWASHER, 5/16" (12.9200)	4	3	4	3	4	4	4	4	
		* EFFECTIVE WITH 2D-13294, 3D-3236, 4D-4457.									
		# COMPONENT PARTS FOR ISOCHRONOUS GOVERNOR ARE NOT SERVICED BY DDA.									
		2.8035 - GASKET, GOVERNOR TO BLOWER									
	5116336	GASKET, 2,3,4-53 (2.7010)	1		1	1		1	1	1	1
	5138173	GASKET, 6V53		1							
		2.8189 - BLOCK, GOVERNOR MOTOR TERMINAL									
	5130186	BLOCK							1		
	5130177	COVER							1		
	57304	SLEEVE, 7/64"							3		
	5281960	TERMINAL (7.4206)							3		
	5142450	TUBING (TRANSPARENT)							1		
	100757	SCREW, #8-32X1 1/4" (12.9025)							4		
	106494	LOCKWASHER, #8 (12.9200)							8		
	5114551	TAG, CABLE (7.4545)							1		
	103092	NUT, #8-32 (12.9120)							8		
		2.8750 - DRIVE ASSY., GOVERNOR									
		INCLUDES ITEMS IN 2.8780 THRU 2.8850.									
6C	5124465	DRIVE ASSY., 2,3,4-53 (RC,RD,LC,LD ENGINE)	1		1	1		1	1	1	1
	5142866	DRIVE ASSY., 6V53		1			1				
	5138160	* COVER ASSY., 6V53		1							
	5138172	GASKET, 6V53		1			1				
	426372	+ SCREW, 3/8"-16X2 3/4" (2.8750)					2				
	179816	BOLT, 5/16"-18X3/4" (12.9001)		5							
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	2		2	2		2	1	2	2
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)					4				
	9414285	BOLT, 3/8"-24X7/8" (2.7001)	3		3	3		3	3	3	3
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)						1			
	5152148	WASHER, 3/8", COPPER (2.4050)	3		3	3		3	3	3	3
	103341	WASHER, 3/8" (12.9190)	2		2	2		2	2	2	2

2.8000A HYDRAULIC GOVERNOR

PART		TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	1 0 0 4	1 0 3 3	1 0 4 5	1 0 7 7	1 1 4 9	1 1 6 5	1 1 7 5	1 1 7 8	1 9 6 0
		2.8750 - DRIVE ASSY., GOVERNOR (CONT'D)									
	103320	LOCKWASHER, 5/16" (12.9200)		5			4	2			
	103321	LOCKWASHER, 3/8" (12.9200) * NOT SERVICED, USE 5142207. + OBSOLETE.									
		2.8760 - GASKET, DRIVE TO GOVERNOR									
	3224773	GASKET, 2,3,4,6V53	1	1	1	1	1	1	1	1	
	5138173	GASKET, 6V53 (2.8035)				1					
		2.8780 - HOUSING, GOVERNOR DRIVE									
		A HOUSING ASSY. INCLUDES ITEMS IN 2.8750.									
B	5124381	HOUSING, 2,3,4-53 (RC,RD,LC,LD ENGINE)	1					1	1	1	
B	5142207	HOUSING, 6V53					1				
	5138392	+ HOUSING ASSY., 6V53		1							
	5116071	PIN, DOWEL (2.7230)		1							
	5150942	PIN, DOWEL (2.7230)		2		2					
	5143339	TUBE, 6V53 (CONTROL LINK)		1							
	426372	+ SCREW, 3/8"-16X2 3/4" (SEC. HD.) (2.8750)		2							
	179816	BOLT, 5/16"-18X3/4" (12.9001)				5					
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)		4							
	103320	LOCKWASHER, 5/16" (12.9200)				5					
	103321	LOCKWASHER, 3/8" (12.9200) * OBSOLETE.		AR							
		2.8790 - SHAFT ASSY., GOVERNOR DRIVEN									
		INCLUDES ITEMS IN 2.8795, 2.8800 AND BEARING IN 2.8810.									
B	5124459	SHAFT ASSY., 2,3,4-53	1					1	1	1	
	5138391	* SHAFT ASSY., 6V53		1							
	5138390	+ GEAR ASSY., 6V53 (INTERMEDIATE)		1							
	5142742	# GEAR ASSY., 6V53 (INTERMEDIATE)				1					
	5142500	GEAR ASSY., 6V53				1					
	274900	RING, RETAINING (2.8795)		1		1					
	9423799	RING, RETAINING # CONTAINS NO SLEEVE IN 2.8800. * NOT SERVICED, USE 5142500. + NOT SERVICED, USE 5142742.		1		1					
		2.8795 - SHAFT, GOVERNOR DRIVEN									
B	3224084	SHAFT, 2,3,4-53	1					1	1	1	
B	5142690	& SHAFT, 6V53				1					
	274900	RING, RETAINING & NOT SERVICED SEPARATELY; SHOWN FOR REFERENCE ONLY.		1							
		2.8800 - SLEEVE, GOVERNOR DRIVEN SHAFT									
3	5119065	SLEEVE	1	1		1		1	1	1	

2.8000A HYDRAULIC GOVERNOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES									
			1 0 0 4	1 0 3 3	1 0 4 5	1 0 7 7	1 1 4 9	1 1 6 5	1 7 5 3	1 7 5 8	1 9 6 0	
		2.8805 - GEAR, GOVERNOR DRIVEN SHAFT										
	5138117	GEAR, 6V53 (DRIVEN)		1			1					
	5138088	GEAR, 6V53 (DRIVE)		1			1					
		2.8810 - BEARING, GOVERNOR DRIVEN SHAFT										
	954498	BEARING, 2,3,4,6V53 (N.D. 3202L1A)	1	1			1		1	1	1	
	903201	BEARING, 6V53 (N.D. 3201XR1A)		1			1					
	907674	BEARING, 6V53 (N.D. 3301L1214A)		1			1					
	903203	BEARING, 3,4-53									1	
	5169866	GASKET, 2,3,4-53	2					2	2	2	2	
	5169864	SCREW, 1/4"-20X1" SET	2					2	2	2	2	
	274856	NUT, 1/4"-20 (12.9120)	2					2	2	2	2	
		2.8811 - SHAFT ASSY., CONTROL LINK OPERATING										
		A SHAFT ASSY. INCLUDES PINS AND KEY IN 2.8811.										
	5138085	+ SHAFT ASSY., 6V53		1								
	5142743	SHAFT ASSY., 6V53 (2.8813)					1					
	274694	RING, RETAINING		1			1					
	5150894	PIN, LINK (2.7315)		2			2					
	5182977	RING, SEAL (3.3055)		1			1					
	8928537	KEY, 3/32"X1/2" WOODRUFF (12.9350)		1			1					
	5197150	WASHER, 17/32"X25/64"X.0329" (2.7145)		1			1					
	5178582	WASHER, 25/64"X.88" O.D. SPECIAL (1.7605)		1			1					
		+ NOT SERVICED, FOR SERVICE USE 5142743 SHAFT ASSY.										
		2.8815 - GEAR AND SHAFT ASSY., GOVERNOR DRIVE										
		INCLUDES ITEMS IN 2.8815 THRU 2.8830.										
	5124460	GEAR ASSY., 2,3,4-53	1						1	1	1	
	5138389	+ GEAR ASSY., 6V53		1								
	5142865	GEAR ASSY., 6V53					1					
6B	5124433	GEAR, 2,3,4-53 (16 TEETH)	1						1	1	1	
	5138116	GEAR, 6V53		1			1					
	5138119	SHAFT, 6V53		1			1					
		+ NOT SERVICED, FOR SERVICE USE 5142865.										
		2.8820 - SHAFT, GOVERNOR DRIVE										
6B	5124434	SHAFT, 2,3,4-53	1						1	1	1	
	5142860	SHAFT, 6V53		1			1					
		2.8830 - BEARING, GOVERNOR DRIVE THRUST										
6B	903303	BEARING, 2,3,4-53 (N.D. 3303X1A) (1 7/8"O.D.)	1						1	1	1	
6B	907045	BEARING, 2,3,4-53 (N.D. #3203L1A) (1 5/8"O.D.) (2.7470)	1									

2.8000A HYDRAULIC GOVERNOR

PART		TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	1
			0	0	0	0	1	1	7	7	9
			0	3	4	7	4	6	5	5	6
			4	3	5	7	9	5	3	8	0
		2.8830 - BEARING, GOVERNOR DRIVE THRUST (CONT'D)									
	954498	BEARING, 6V53 (N.D. 3202L1A) (2.8810)					1				
	5138121	CARRIER, 6V53		1			1				
	274900	RING, RETAINING (2.8795)					1				
	138222	BOLT, 5/16"-18X1" (12.9027)		2			2				
	103320	LOCKWASHER, 5/16" (12.9200)		2			2				
		2.8840 - SPACER, GOVERNOR DRIVE SHAFT BEARING									
iB	5122738	SPACER (2.7475)	1						1	1	1
		2.8850 - RETAINER, GOVERNOR DRIVE SHAFT BEARING									
iB	9416358	RETAINER (5.6140)	1						1	1	1
		2.8855 - GEAR, GOVERNOR DRIVE									
B	5116025	* GEAR, 2,3,4-53 RA, RB, LC, LD (R.H. HELIX; 49 TEETH) (2.7960)	1						1		1
B	5116026	* GEAR, 2,3,4-53 RC, RD, LA, LB (L.H. HELIX; 49 TEETH) (2.7960)	1						1		1
	5107076	+ GEAR, 3,4-53 RA, RB, LC, LD (R.H. HELIX; 56 TEETH) (2.7960)	1						1	1	1
	5107077	+ GEAR, 3,4-53 RC, RD, LA, LB (L.H. HELIX; 56 TEETH) (2.7960)	1						1	1	1
	8924991	@ GEAR, 3-53 (L.H. HELIX-56 TEETH; STAMPED 8924991)								1	
	124546	KEY, 5/32"X5/8" WOODRUFF (12.9350)	1		1	1		1	1		1
	9434177	NUT, 5/8"-18 LOCK (12.9140)	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.									
		2.8905 - RESERVOIR ASSY., GOVERNOR OIL									
	5574785	RESERVOIR ASSY.							1		
	181371	BOLT, 3/8"-24X1 3/8" (12.9001)							2		
	103341	WASHER, 3/8" (12.9190)							2		
	103321	LOCKWASHER, 3/8" (12.9200)							2		
	103026	NUT, 3/8"-24 (12.9120)							2		
		2.8910 - TUBE, GOVERNOR OPERATING PRESSURE									
C	5125397	TUBE ASSY., 2,3,4-53 (RC,RD,LC,LD ENGINE)	1					1		1	1
	5143566	+ TUBE ASSY., 6.8V53 (OIL SUPPLY)		1			1				
	5140491	TUBE ASSY., 4-53 (FILTER TO GOVERNOR)			1						
	5142705	TUBE ASSY., 4-53 (GOVERNOR FILTER OVERFLOW) (12.8912)			1						
	5143934	TUBE ASSY., 4-53 (OIL SUPPLY TO RESVR)						1			

2.8000A HYDRAULIC GOVERNOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES									
			1 0 0 4	1 0 3 3	1 0 4 5	1 0 7 7	1 1 4 9	1 1 6 5	1 1 7 3	1 1 7 5	1 1 7 8	1 1 9 6
		2.8910 - TUBE, GOVERNOR OPERATING PRESSURE (CONT'D)										
	5143932	TUBE ASSY., 4-53 (RESV TO GOV)							1			
	5142035	TUBE ASSY., 4-53 (OIL RESV. SUC.)							1			
	5143757	+ TUBE ASSY., 4-53 (RESERVOIR OVERFLOW)							1			
	5137957	HOSE ASSY., 4-53 (FRONT COVER)			1							
	5137958	HOSE ASSY., 4-53 (2.5149)							1			
	5126307	CONNECTOR, 5/16"X1/4" INV. FL. 4-53 TUBE (7.4596)			1							
	9432266	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)		1								
	8924169	CONNECTOR, 1/2"X3/8" (12.9460)			1							
	8925049	CONNECTOR, 1/2" INV. FL. TUBE (12.9460)			2							
	8924171	CONNECTOR, 3/8" TUBE (12.9460)							1			
6C	8925032	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)	1					1		1	1	
	8925024	ELBOW, 1/4" INV. FL. TUBE 45 DEG. (12.9480)	1					1		1	1	
	8924160	ELBOW, 5/16" TUBE (12.9480)			1							
	8924216	ELBOW, 3/8" INV. FL. TUBE (12.9480)		1		2			1			
	137425	ELBOW, 1/2" INV. FL. TUBE (12.9480)			1				2			
	193004	ELBOW, 3/8" INV. FL. TUBE (12.9480)										
	8924184	ELBOW, 5/16" SPL., .055 RESTR (2.5210)							1			
	9432337	ELBOW, 5/16", 90 DEG (12.9480)							1			
	144045	BUSHING, 1/2"X1/4" RED. (12.9570)			2				1			
	8924158	BUSHING, 1/2"X3/8" (12.9570)			2							
	5131190	CLIP, 3/8" (2.5120)		1			1					
	5182629	CLIP, 5/16" (12.4080)			1							
	5100136	ADAPTOR, 1/8" PIPE (12.9570) + OBSOLETE.					1					
		2.8920 - BRACKET, GOVERNOR										
	5130190	BRACKET							1			
		2.8940 - LINK, INJECTOR CONTROL TUBE										
		A LINK KIT INCLUDES LINK, END BEARING SPACER AND ATTACHING PARTS IN 2.8940.										
	5140498	LINK, 4-53 (RD ENGINE)	1							1		
	5140497	LINK, 2,4-53 (RC ENGINE)						1	1		1	
	5121472	LINK, 6V53 (2.7819)		1		2						
	5140515	LINK, 4-53			1							
	5134808	LINK, 6V53 (R.H., UPPER) (2.9022)		1		1						
	5134803	LINK, 6V53 (L.H., UPPER) (2.9022)		1		1						
	5120273	BEARING, ROD END 2,4-53 (2.9730)	1		1			1	1	1	1	
	142583	RETAINER, 13/64" SPRING (12.9640)		2		2						
	5140751	SPACER, .50"X17/64"X.24"	1		1			1		1	1	
	103361	PIN, 1/16"X1/2" COTTER (12.9250)	2		2			2	2	1	1	
	5147345	PIN (INJECTOR CONTROL TUBE LEVER) (2.9022)	1		1			1	1	1	1	
	181317	BOLT, 1/4"-28X1 1/4" (12.9001)	1		1			1		1	1	
	100002	BOLT, 1/4"-28X1" (12.9001)							1			
	5197150	WASHER, 17/32"X2 5/64" (2.7145)	2			2						
	103319	LOCKWASHER, 1/4" (12.9200)	1		1			1	1	1	1	
	114492	LOCKNUT, 1/4"-28 (12.9120)	1		1			1	1	1	1	
	454750	NUT, 1/4"-28 (12.9120)		2		2						
7A												

2.8000A HYDRAULIC GOVERNOR

PART		TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	1
			0	0	0	0	1	1	1	1	1
			0	3	4	7	4	6	7	7	9
			4	3	5	7	9	5	3	8	0
2.8945 - ADAPTOR, CYLINDER HEAD GOVERNOR CONTROL LINK											
A	5121252	ADAPTOR, 2,3,4-53 (2.7830)	1		1	1		1	1	1	1
	5136958	+ ADAPTOR, 8V53 (2.7830)		1							
A	5138194	+ TUBE, 8V53		1							
	5139538	+ TUBE, 6V53				1					
		+ OBSOLETE									
2.8950 - BOOT, INJECTOR CONTROL TUBE LINK											
C	5121385	BOOT, 2,3,4-53 (2.7834)	1		1	1	1	1	1	1	1
C	5126072	HOUSING, 6,8V53 (2.7834)		1			1				
	5129705	HOSE, 3/4" L. 6V53 (2.7834)		2			2				
	5129707	# HOSE, 1 1/4" L.									
		6V53(2.7834)(5199773)		2			2				
	5186840	CLAMP, 1 3/16" (12.9660)		6			4				
		# NOT SERVICED; USE PART NUMBER IN PARENTHESES AND CUT TO SUIT.									
2.8955 - LINK, GOVERNOR OPERATING CONNECTING											
C	5124611	SPRING, 2,3,4-53	1						1	1	
2.8965 - BELL CRANK ASSY., GOVERNOR OPERATING											
	5127422	LEVER, 6V53 (CONTROL LINK SHAFT)		1			1				
	8928537	KEY, 3/32"X1/2" WOODRUFF (12.9350)					1				
	179796	BOLT, 1/4"-20X7/8" (12.9001)		2			2				
	103319	LOCKWASHER, 1/4" (12.9200)		2			2				
2.8970 - LINK, GOVERNOR OPERATING LEVER TO BELL CRANK											
	5134809	LINK, 6V53		1			1				
	5120472	BEARING, ROD END (2.9022)		2			2				
	186629	BOLT, 5/16"-18X1" (12.9001)		2			2				
	103320	LOCKWASHER, 5/16" (12.9200)		2			2				
	114493	LOCKNUT, 5/16"-24 (JAM) (2.7170)		2			2				
2.8975 - LEVER, GOVERNOR OPERATING SHAFT											
C	5127117	LEVER, 2,3,4-53 (EXTERNAL)(2.8450)	1		1			1	1	1	1
	5173874	LEVER, 6V53		1			1				
	5175081	LEVER, 6V53 (2.9410)		1			1				
C	181314	BOLT, 1/4"-28X7/8" (12.9001)	1		1			1		1	1
	106276	BOLT, 1/4"-28X1 1/8" (12.9001)		1			1				
	100002	BOLT, 1/4"-28X1" (12.9001)						1			
	103319	LOCKWASHER, 1/4" (12.9200)	1	1			1	1	1	1	1
2.8985 - FILTER ASSY., OIL-FULL FLOW											
		INCLUDES ELEMENT IN 2.8986 AND GASKET IN 2.8987.									
	5138900	FILTER ASSY., 4-53			1						
	181365	BOLT, 3/8"-24X1 1/8" (12.9001)			4						

2.8000A HYDRAULIC GOVERNOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES									
			1 0 0 4	2 0 3 3	1 0 4 5	1 0 7 7	1 1 4 9	1 1 6 5	1 7 5 3	1 7 5 8	1 9 6 0	
		2.8985 - FILTER ASSY., OIL-FULL FLOW (CONT'D)										
	103341	WASHER, 3/8" (12.9190)			4							
	103321	LOCKWASHER, 3/8" (12.9200)			4							
	103026	NUT, 3/8"-24 (12.9120)			4							
		2.8986 - ELEMENT, OIL FILTER										
	9023829	ELEMENT, 2, 4-53 (4.2250)							1			
		2.8995 - BRACKET, OIL FILTER MOUNTING										
	5141299	BRACKET, 4-53			1				1			
	179839	BOLT, 3/8"-16X1" (12.9001)			2				2			
	103321	LOCKWASHER, 3/8" (12.9200)			2				2			

2.8000A HYDRAULIC GOVERNOR

PART		COLUMN														
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.8030 - GOVERNOR ASSY.																
	5108290	GOVERNOR ASSY., 2,3,4-53	1													
	5108291	GOVERNOR ASSY., 2,3,4-53		1												
3C	5124620	* GOVERNOR ASSY., 2,3,4-53			1											
3C	5124621	* GOVERNOR ASSY., 4-53				1										
	5136998	GOVERNOR ASSY., 4-53					1									
	5138071	GOVERNOR ASSY., 4-53						1								
	5141046	GOVERNOR ASSY., 4-53							1							
	5143957	GOVERNOR ASSY., 6V53								1						
	5146121	GOVERNOR ASSY., 2-53									1					
	5142346	GOVERNOR ASSY., 4-53										1				
	5143657	GOVERNOR ASSY., 4-53											1			
	* NOT SERVICED, COMPONENTS ARE AVAILABLE.															
2.8040 - COVER, GOVERNOR																
	5199864	COVER, 2,3,4-53	1	1			1		1							
3A	5196874	COVER, 2,3,4-53			1	1										
	5197007	COVER, 6V53								1						
	5198266	COVER										1				
	5199833	COVER, 4-53												1		
	5195385	COVER, 4-53												1		
3A	5197608	SCREW, #10-32X1" FIL. HD. (WITH LOCKWASHER) (12.9010)	3	3	3	3	3		3			3				
3A	5197607	SCREW, #10-32X1 3/8" FIL. HD. (WITH L/W) (12.9010)								3	3					
	5195390	SCREW, #6-32X1/4"												1		
	5195389	SCREW, #10-32X7/8" (12.9010)												4		
	5198168	DISC												1		
	147121	BOLT, #10-32X1 1/2" (12.9027)		1												
3A	123298	BOLT, 1/4"-20X3/8" (12.9001)			1	1										
3A	5194069	WASHER, 1/4" COPPER (2.8050)			1	1			1		1					
	5194070	WASHER, #10 COPPER (2.8520)										5		4		
	5195388	WASHER, SPRING												1		
	5198169	WASHER (FRICTION DISC)												1		
2.8045 - GASKET, GOVERNOR COVER																
3A	3249110	GASKET, 2,3,4,6V53 (2.8260)	1	1	1	1	1		1	1	1	1	2			
2.8050 - SUB-CAP ASSY., GOVERNOR																
	5197087	SUB-CAP								1	1		1			
	132133	BOLT, #10-32X1" FIL. HD. (12.9010)								2	2					
	5194069	WASHER, 1/4" COPPER									1		1			
	120217	LOCKWASHER, #10 (12.9200)								2	2					
2.8070 - ROD, GOVERNOR FUEL																
	5193028	ROD, 2,6V53								1	1		1			
2.8085 - COVER, GOVERNOR FUEL ROD SPRING																
	5193030	COVER, 2,6V53								1	1		1			
	187828	SCREW, #10-32X1/2" HEX. SKT. HD. (12.9027)								2	2					
	120217	LOCKWASHER, #10 (12.9200)								2	2		2			

2.8000A HYDRAULIC GOVERNOR

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.8086 - GASKET, GOVERNOR FUEL ROD SPRING COVER																
5193033		GASKET, 2,6V53								1	1		1			
2.8120 - SPRING, GOVERNOR FUEL ROD SHORT																
5197125		SPRING, 6V53								1						
5197124		SPRING, 2-53									1		1			
2.8140 - RETAINER, GOVERNOR FUEL ROD SPRING																
5197290		SEAT, 2,6V53 (.720" DIA.)								1	1		1			
2.8165 - PLUG, GOVERNOR SUB-CAP																
5193031		PLUG (2.8050)								1	1		1			
2.8180 - SCREW, GOVERNOR LOAD LIMIT																
5197259		SCREW, 1/4"-28X2 3/4"								1	1		1			
192484		SCREW, 1/4"-28X1 1/4" FIL. HD. (12.9010)	1	1			1		1							
120216		BOLT, #10-32X1 1/2" (12.9010)												2		
114492		LOCKNUT, 1/4"-28 HEX. THIN (12.9120)	1	1			1		1	1						
5194495		NUT, 1/4"-28 ELASTIC STOP									1					
454750		NUT, 1/4"-28 CAD. (12.9120)											1			
2.8182 - MOTOR ASSY., GOVERNOR SYNCHRONIZING																
5195384		MOTOR ASSY., (115 V)									1					
5199865		MOTOR ASSY., (24V)											1			
5199832		BRACKET (MOTOR MT.)											1			
2.8190 - HOUSING ASSY., GOVERNOR																
A HOUSING ASSY. INCLUDES ITEMS IN 2.8480 AND 2.8740.																
6A 5197008		HOUSING ASSY., 6V53								1		1	1			
6A 5197074	*	HOUSING ASSY., 2,3,4-53	1													
6A 5197105	*	HOUSING ASSY., 2,3,4-53		1			1		1		1					
6A 5103025		HOUSING ASSY., 2,3,4-53			1	1										
8924749		PLUG, 1/8" PIPE SOC. HD. (12.9550)	1	1	1	1	1		1	1						
8924380		PLUG, 1/8" PIPE SOC. HD. (12.9550)									1	1	1			
* ALSO INCLUDES BUSHINGS IN 2.8364 AND 2.8483.																
2.8200 - PLUG, GOVERNOR HOUSING DUMMY HOLE																
6A 5197052		PLUG	1	1			1		1	1	1	1	1			
6A 3292039		PLUG			1	1										

2.8000A HYDRAULIC GOVERNOR

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.8210 - GASKET, GOVERNOR HOUSING DUMMY HOLE PLUG														
	5197066	GASKET, 2,3,4,6V53	1	1			1		1	1	1	1	1			
	5156768	GASKET, 2,3,4-53 (4.4170)			1	1										
		2.8280 - SHAFT, GOVERNOR SPEED ADJUSTING														
	5197103	SHAFT										1	1			
A	5197091	SHAFT, 6V53								1						
A	5197080	SHAFT, 2,3,4-53	1	1			1		1		1					
A	5196873	SHAFT, 2,3,4-53			1	1										
A	5197846	PIN, (12.9275)	1	1			1		1	1	1	1	1			
A	107762	PIN, 3/32"X5/8" COTTER (12.9250)			1	1										
		2.8350 - SEAL, GOVERNOR SPEED ADJUSTING SHAFT OIL														
A	5197065	SEAL	1	1			1		1	1	1	3	1			
A	3249111	SEAL			2	2										
		2.8355 - SPRING, SPEED ADJUSTING SHAFT TORSION														
A	5195399	SPRING, 2,3,4-53			1	1										
A	5197064	SPRING, 4-53										1	1			
		2.8360 - SLEEVE, GOVERNOR SPEED ADJUSTING SHAFT														
A	3304158	SLEEVE ASSY., 2,3,4-53 (INCLUDES BUSHING IN 2.8364)			1	1										
		2.8363 - GASKET, GOVERNOR SPEED ADJUSTING SHAFT														
A	5156768	GASKET, 2,3,4-53 (4.4170)			1	1										
		2.8364 - BUSHING, GOVERNOR SPEED ADJUSTING SHAFT SLEEVE														
	5197059	BUSHING, 2,3,4,6V53 (1 7/8"L)	1	1			1		1	2	1	2	2			
	5197078	BUSHING, 2,3,4-53 (1 1/2"L)	1	1			1		1		1					
	3304052	BUSHING, 2,3,4-53 (3/4"L)			2	2										
	5197060	PLUG, CUP (2.8485)	1	1			1		1	1	1		2			
		2.8365 - CAP, GOVERNOR SPEED ADJUSTING SHAFT SPACER														
A	3249149	CAP, 2,3,4-53			1	1										
		2.8367 - GASKET, GOVERNOR SPEED ADJUSTING SHAFT SPACER CAP														
A	5156768	GASKET, 2,3,4-53 (4.4170)			1	1										

2.8000A HYDRAULIC GOVERNOR

PART			COLUMN												
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M
		2.8410 - LEVER, GOVERNOR SPEED ADJUSTING FLOATING													
6A	5197013	LEVER, 2,3,4,6V53	1	1			1		1	1	1	1	1		
6A	3292623	LEVER, 2,3,4-53			1	1									
6A	5199196	STOP, 2,3,4-53	1	1	1	1	1		1						
6A	5194069	WASHER, 1/4" COPPER (2.8050)	1	1	1	1	1		1	1					
6A	5194495	NUT, 1/4"-28 STOP	1		1	1	1		1						
6A	5197006	STOP, 6V53								1					
6A	5194790	STOP, 2-53									1				
	454750	NUT, 1/4"-28 (NYLON INSERT) (12.9120)		1							1				
		2.8420 - LEVER, GOVERNOR SPEED ADJUSTING													
6A	5197015	LEVER, 2,3,4,6V53	1	1			1		1	1	1	1	1		
6A	5193206	LEVER, 2,3,4-53			1	1									
	5197016	CLIP, SPRING	1	1			1		1	1	2	1	1		
6A	3249137	PIN, PIVOT			2	2									
		2.8435 - FORK, GOVERNOR SPEED ADJUSTING LINKAGE SPRING													
6A	5197014	FORK, 2,3,4,6V53	1	1			1		1	1	1	1	1		
6A	3249145	FORK, 2,3,4-53			1	1									
6A	3249154	LOCKWIRE			1	1									
		2.8440 - BRACKET, GOVERNOR SPEED ADJUSTING LEVER													
6A	5197046	BRACKET, DROOP 2,3,4,6V53 (INCLUDES PIN, NOT SOLD SEPARATELY)	1	1			1		1	1	1	1	1		
6A	5196829	BRACKET, DROOP 2,3,4-53 (INCLUDES PIN, NOT SOLD SEPARATELY)			1	1									
6A	132105	SCREW, #10-32X3/8" FIL. HD. (12.9010)	1				1		1			1	1		
6A	120216	SCREW, #10-32X1/2" FIL. HD. (12.9010)		1						1					
6A	5193082	SCREW, 1/4"-28X1/2" SLTD. HD.			1	1									
	132133	SCREW, #10-32X1" FIL. HD. (12.9010)											2		
	5195391	SCREW											1		
6A	446142	WASHER, #10 (12.9190)	1	1			1		1	1	1	1	1		
6A	120392	WASHER, 1/4" (12.9190)			1	1			1	1					
	115545	LOCKWASHER, #10 INT. TOOTH (12.9220)			1	1			1	1					
6A	120217	LOCKWASHER, #10 (12.9200)										1	2		
		2.8450 - LEVER, GOVERNOR SPEED ADJUSTING TERMINAL													
6A	5197047	LEVER, 2-53									1		1		
	5197083	LEVER ASSY., 4-53		1					1			1			
6A	5193079	+ LEVER, 2,3,4-53			1	1									
	5198332	+ PLATE, LEVER SUPPORT 2,3,4-53	1				1		1						
6A	103373	PIN, 3/32"X3/4" COTTER (12.9250)		2							2	2	2		
6A	137171	PIN, 3/32"X1" COTTER (12.9250)	2		2	2	2		2	2	1		1		
	5197288	PIN + OBSOLETE.													

2.8000A HYDRAULIC GOVERNOR

PART FIG . . . NUMBER NAME AND DESCRIPTION			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.8470 - SHAFT, GOVERNOR SPEED ADJUSTING TERMINAL																
6A	5197045	SHAFT, 2,3,4,6V53 (1 11/32" L)	1	1			1		1	1	1	1	1			
6A	5197084	SHAFT, 2,3,4,6V53 (2 3/8" L)	1	1			1		1	1	1	1	1			
6A	3249157	SHAFT, 2,3,4-53 (1 19/32" L)			1	1										
6A	5199694	SHAFT, 2,3,4-53 (2 13/16" L)			1	1										
2.8472 - SEAL, GOVERNOR SPEED ADJUSTING TERMINAL SHAFT OIL																
6A	5197065	SEAL, 2,3,4,6V53 (2.8350)	1	1			1		1	1	1		1			
6A	3249111	SEAL, 2,3,4-53 (2.8350)			2	2										
2.8480 - SLEEVE, GOVERNOR SPEED ADJUSTING TERMINAL																
6A	3304152	SLEEVE ASSY., 2,3,4-53 (INCLUDES BUSHING IN 2.8483)			2	2										
2.8483 - BUSHING, GOVERNOR SPEED ADJUSTING TERMINAL SLEEVE																
	5197058	BUSHING, 2,3,4,6V53	2	2			2		2	2	2	2	2			
	3304052	BUSHING, 2,3,4-53 (2.8364)			2	2										
2.8485 - PLUG, GOVERNOR SPEED ADJUSTING TERMINAL SLEEVE																
6A	5197060	PLUG, 2,3,4,6V53 (CUP)	1	1			1		1	1	1	3				
6A	3249167	PLUG, 2,3,4-53 (CUP)			1	1										
2.8510 - PISTON, GOVERNOR SERVO-MOTOR																
6A	5197019	PISTON, 2,3,4,6V53	1	1			1		1	1	1	1	1			
6A	3291732	PISTON, 2,3,4-53			1	1										
	5197062	PIN, PISTON 2 1/4" L	1	1			1		1	1	1	1	1			
2.8520 - SCREW, GOVERNOR HI-SPEED STOP																
6A	3304053	SCREW, #10-32X1 1/4"	1		1	1	1		1	1						
	147121	SCREW, #10-32X1 1/2" (12.9027)		1										1		
	5194070	WASHER, #10 COPPER	1	1			1		1	1	1	1	1			
6A	120614	NUT, #10-32 (12.9120)	1	1	1	1	1		1	1	1	1	1			
2.8530 - SPRING, GOVERNOR SPEEDER																
6A	5194255	SPRING, 2,3,4,6V53 (ETCHED "G")	1	1	1	1			1	1	1	1	1			
6A	5198398	SPRING, 4-53 (ETCHED "L")					1									
2.8560 - BALL HEAD ASSY., GOVERNOR																
SOLD ONLY AS AN ASSY.																
6A	5197011	BALL HEAD ASSY., 2,3,4,6V53 (FOUR PORT)	1	1	1	1				1		1	1			
6A	5197070	BALL HEAD ASSY., 4-53 (SINGLE PORT)							1							
6A	5199691	BALL HEAD ASSY., 2-53 (SINGLE PORT)									1					

2.8000A HYDRAULIC GOVERNOR

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.8560 - BALL HEAD ASSY., GOVERNOR (CONT'D)														
6A	5198397	BALL HEAD ASSY., 4-53 (SINGLE PORT)					1									
		2.8600 - PLUNGER ASSY., GOVERNOR PILOT VALVE														
6A	5197010	PLUNGER	1	1	1	1	1		1	1	1	1	1			
		2.8610 - BEARING, GOVERNOR PILOT VALVE PLUNGER THRUST														
6A	5157328	BEARING	1	1	1	1	1		1	1	1	1	1			
		2.8620 - COLLAR, GOVERNOR DRIVE SHAFT														
	5192787	RING, RETAINING 2,3,4&6V53	1	1	1	1	1		1	1	1	1	1			
		2.8630 - VALVE ASSY., GOVERNOR RELIEF														
		A VALVE ASSY. INCLUDES VALVE BODY SLEEVE AND ITEMS IN 2.8635; BODY SLEEVE IS NOT SOLD SEPARATELY. A PLUNGER KIT CONSISTS OF A PLUNGER AND SLEEVE ASSEMBLY.														
6A	5195179	VALVE ASSY.			1	1										
	5198627	PLUNGER KIT	1	1			1		1	1	1	1	1			
		2.8635 - VALVE KIT, GOVERNOR RELIEF														
		A VALVE KIT INCLUDES PLUNGER, STOP SLEEVE, SPRING AND PIN; COMPONENTS ARE NOT SOLD SEPARATELY.														
	5192300	VALVE KIT			1	1										
		2.8640 - GASKET, GOVERNOR RELIEF VALVE														
6A	5197066	GASKET (2.8210)	1	1			1		1	1	1	1	1			
6A	5156768	GASKET (4.4170)			1	1										
		2.8680 - SPRING, GOVERNOR RELIEF VALVE														
	5197090	SPRING (INNER)								1						
	5197068	SPRING (INNER)	1	1			1		1		1	1	1			
	5197067	SPRING (OUTER)	1	1			1		1	1	1	1	1			
		2.8685 - PLUG, GOVERNOR RELIEF VALVE														
	5197056	PLUG, 11/16"-16	1	1			1		1	1	1	1	1			

DETROIT DIESEL

53 MPC ENGINES

2.8000A HYDRAULIC GOVERNOR

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN											
			A	B	C	D	E	F	G	H	I	J	K	L
		2.8690 - BASE KIT, GOVERNOR												
A	5192760	BASE	1	1	1	1	1		1	1	1	1	1	
	5197847	PIN, #2X5/8" TAPER DOWEL	2	2	2	2	2		2	2	2	2	2	
A	132188	SCREW, #12-24X1/2" FIL.HD. (12.9010)	3	3	3	3	3		3	3	3	3	3	
		2.8700 - RING, GOVERNOR OIL PUMP HOUSING SEAL												
A	3307753	RING	1	1	1	1	1		1	1	1	1	1	
		2.8720 - GEAR, GOVERNOR OIL PUMP DRIVE												
A	3249119	GEAR	1	1	1	1	1		1	1	1	1	1	
		2.8730 - GEAR, GOVERNOR OIL PUMP DRIVEN												
A	3249118	GEAR, 2.3,4&6V53 (INCLUDES BUSHING, NOT SOLD SEPARATELY)	1	1	1	1	1		1	1	1	1	1	
		2.8740 - STUD, GOVERNOR OIL PUMP DRIVEN GEAR TO BASE												
	3249147	STUD	1	1	1	1	1		1	1	1	1	1	

2.9000 INJECTOR CONTROLS

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES													
			8 8	8 9	9 0	9 1	9 4	9 9	1 0 0	1 0 1	1 0 2	1 0 3	1 0 8	1 0 9		
2.9001 - TUBE ASSY., INJECTOR CONTROL																
A TUBE ASSY. INCLUDES ONE (1) BRACKET IN 2.9003 AND ITEMS IN 2.9007 THRU 2.9010.																
7A	5195967	TUBE ASSY., 2-53 C ENGINE	1									1				
7A	5195968	TUBE ASSY., 3-53 C ENGINE		1												
7A	5195975	TUBE ASSY., 4-53 A ENGINE			1											
7A	5195969	TUBE ASSY., 4-53 C ENGINE				1										
7A	5195973	TUBE ASSY., 2-53 A ENGINE					1									
7A	5195971	TUBE ASSY., 3-53 B ENGINE						1								
7A	5195946	TUBE ASSY., 3-53 D ENGINE							1							
7A	5195972	TUBE ASSY., 4-53 B ENGINE								1						
7A	5195947	TUBE ASSY., 4-53 D ENGINE									1					
7A	5195974	TUBE ASSY., 3-53 A ENGINE											1			
7A	5195945	TUBE ASSY., 2-53 D ENGINE												1		
2.9003 - BRACKET, INJECTOR CONTROL TUBE																
7A	5116264	BRACKET	2	2	2	2	2	2	2	2	2	2	2	2		
7A	186676	BOLT, 1/4"-20X5/8" (12.9001)		4		4							4			
7A	120380	LOCKWASHER, 1/4" (12.9200)		4		4							4			
7A	9422203	BOLT, 1/4"-20X5/8" (12 PT. HD.)	4		4		4	4	4	4	4		4	4		
2.9007 - SHAFT, INJECTOR CONTROL TUBE END																
7A	5150259	SHAFT, 1 1/16" L.	1	1	1	1	1	1	1	1	1	1	1	1		
2.9009 - LEVER, INJECTOR CONTROL TUBE																
7A	5116267	LEVER	1	1	1	1	1	1	1	1	1	1	1	1		
7A	142486	PIN, 1/8" X 3/4" GROOVE (12.9270)	1	1	1	1	1	1	1	1	1	1	1	1		
2.9010 - SPACER, INJECTOR CONTROL TUBE LEVER																
7A	5116266	SPACER	1	1	1	1	1	1	1	1	1	1	1	1		
2.9012 - SPRING, INJECTOR CONTROL TUBE																
7A	5116265	SPRING	1	1	1	1	1	1	1	1	1	1	1	1		
2.9014 - LEVER, INJECTOR CONTROL TUBE RACK																
7A,B	5115322	LEVER	2	3	4	4	2	3	3	4	4	2	3	2		
7A,B	5176228	SCREW	4	6	8	8	4	6	6	8	8	4	6	4		
2.9017 - LEVER, INJECTOR CONTROL TUBE-LOAD LIMIT ADJUSTING																
ITEMS IN 2.9017, 2.9019 AND 2.9021 MAY BE USED TOGETHER TO PROVIDE LOAD LIMIT ADJUSTMENT USED WITH MECHANICAL GOVERNOR.																
2090519	ARM		1	1	1	1	1	1	1	1	1		1	1		
213546	BOLT, 1/4"-20X1" (12.9001)		2	2	2	2	2	2	2	2	2		2	2		
120380	LOCKWASHER, 1/4" (12.9200)		2	2	2	2	2	2	2	2	2		2	2		

2.9000 INJECTOR CONTROLS

PART		TYPES											
FIG . . .	NUMBER NAME AND DESCRIPTION	8 8	8 9	9 0	9 1	9 4	9 9	1 0 0	1 0 1	1 0 2	1 0 3	1 0 8	1 0 9
	2.9019 - PLATE, INJECTOR CONTROL TUBE LEVER-LOAD LIMIT ADJUSTING												
5146554	PLATE	1	1	1	1	1	1	1	1	1		1	1
	2.9021 - SCREW, INJECTOR CONTROL TUBE LEVER PLATE-LOAD LIMIT ADJUSTING												
5129913	SCREW (LOAD LIMIT ADJUSTING)	1	1	1	1	1	1	1	1	1		1	1
114493	LOCKNUT, 5/16"-24 (2.7170)	1	1	1	1	1	1	1	1	1		1	1

2.9000 INJECTOR CONTROLS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 1 0	1 2 0	1 2 1	1 2 2	1 2 9	1 3 6	1 6 0	1 6 3	1 6 8	1 7 0	1 8 2	1 9 2
2.9001 - TUBE ASSY., INJECTOR CONTROL														
A TUBE ASSY. INCLUDES ONE (1) BRACKET IN 2.9003 AND ITEMS IN 2.9007 THRU 2.9010.														
7A	5195970	+ TUBE ASSY., 2-53 B ENGINE					1							
7A	5195968	TUBE ASSY., 3-53 C ENGINE			1									
7A	5195975	TUBE ASSY., 4-53 A ENGINE												1
7A	5195969	TUBE ASSY., 4-53 C ENGINE		1										
7B	5196784	TUBE ASSY., 6V53 RIGHT BANK	1			1							1	
7B	5196786	TUBE ASSY., 6V53 LEFT BANK	1			1							1	
7B	5198189	TUBE ASSY., 8V53 RIGHT BANK						1		1				
7B	5198190	TUBE ASSY., 8V53 LEFT BANK						1		1				
+ OBSOLETE.														
2.9003 - BRACKET, INJECTOR CONTROL TUBE														
7A	5116264	BRACKET	4	2	2	4	2	4		4			4	2
7A	186676	BOLT, 1/4"-20X5/8" (12.9001)	8				4	8		8				4
7A	120380	LOCKWASHER, 1/4" (12.9200)	8				4	8		8				4
7A	9422203	BOLT, 1/4"-20X5/8" (12 PT. HD.)		4	4	8							8	
2.9007 - SHAFT, INJECTOR CONTROL TUBE END														
7A	5150259	SHAFT, 1 1/16" L.	2	1	1	2	1	2		2			2	1
2.9009 - LEVER, INJECTOR CONTROL TUBE														
7A	5116267	LEVER, 2,3,4-53		1	1		1							1
	5150263	LEVER, 6,8V53	2			2		2		2			2	
7A	142486	PIN, 1/8" X 3/4" GROOVE (12.9270)	2	1	1	2	1	2		2			2	1
7A	142487	PIN, 1/8" X 7/8" GROOVE (12.9270)				2				2			2	
2.9010 - SPACER, INJECTOR CONTROL TUBE LEVER														
7A	5116266	SPACER, 2,3,4-53		1	1		1							1
	5113359	SPACER, 6,8V53	1					1		1				
2.9012 - SPRING, INJECTOR CONTROL TUBE														
7A	5116265	SPRING, 2,3,4,6V53 (L.H. HELIX)	2	1	1	2	1						2	1
7B	5138737	SPRING, 8V53 (L.H. HELIX)						2		2				
2.9014 - LEVER, INJECTOR CONTROL TUBE RACK														
7A,B	5115322	LEVER	6	4	3	6	2	8		8			6	4
7A,B	5176228	SCREW	12	8	6	12	4	16		16			12	8
2.9017 - LEVER, INJECTOR CONTROL TUBE-LOAD LIMIT ADJUSTING														
ITEMS IN 2.9017, 2.9019 AND 2.9021 MAY BE USED TOGETHER TO PROVIDE LOAD LIMIT ADJUSTMENT USED WITH MECHANICAL GOVERNOR.														
	2090519	ARM, 2,3,4,6V53	2	1	1	2	1	2			1	2		1

2.9000 INJECTOR CONTROLS

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	1 1 0	1 2 0	1 2 1	1 2 2	1 2 9	1 3 6	1 6 0	1 6 3	1 6 8	1 7 0	1 8 2	1 9 2
		2.9017 - LEVER, INJECTOR CONTROL TUBE-LOAD LIMIT ADJUSTING (CONT'D)												
	5126314	ARM, 6V53 (POWER CONTROL)							2					
	5126313	SPRING (TORQUE LIMITING)							2					
	213546	BOLT, 1/4"-20X1" (12.9001)	4	2	2	4	2	4			2	4		2
	9425509	BOLT, 1/4"-20X1" (12.9001)							2					
	426849	BOLT, 1/4"-20X1" (12.9001)							2					
	120392	WASHER, 1/4" (12.9190)							2					
	120380	LOCKWASHER, 1/4" (12.9200)	4	2	2	4	2	4	4		2	4		2
		2.9019 - PLATE, INJECTOR CONTROL TUBE LEVER-LOAD LIMIT ADJUSTING												
	5146554	PLATE, 2,3,4,6V53	2	1	1	2	1	2			1	2		1
	5136159	PLATE, 6V53 (POWER CONTROL)							2					
		2.9021 - SCREW, INJECTOR CONTROL TUBE LEVER PLATE-LOAD LIMIT ADJUSTING												
	5129913	SCREW, 2,3,4,6V53 (LOAD LIMIT ADJUSTING)	2	1	1	2	1	2			1	2		1
	5140625	SCREW, 6V53 (POWER CONTROL)							2					
	5101140	SEAL							4					2
	114493	LOCKNUT, 5/16"-24 (2.7170)	2	1	1	2	1	2	2		1	2		1
		2.9030 - BRACKET, CYLINDER THROTTLE DELAY ROCKER SHAFT												
	5145826	BRACKET, 6V53												1
	5102155	VALVE, CHECK 6V53 (2.9862)												1
	5189789	PLUG (OIL SUPPLY) (2.9862)												1
		2.9084 - LEVER ASSY., FUEL MODULATING CONTROL TUBE												
7B	5101402	LEVER, THROTTLE DELAY (INCLUDE LEVER, SCREW AND NUT)												1
7B	5146039	BUSHING (THROTTLE DELAY LEVER)												2
7B	5148521	= SPACER, 1/4"X1.20" L.												1
7B	221477	* + SCREW, #8-32X1 1/8" (12.9025)												1
7B	108762	= SCREW, #8-32X2 1/2" L. (12.9025)												1
7B	9415764	+ BOLT, #8-32X3/4" (12.9001)												2
7B	5180116	BOLT, 1/4"-20 "U" (2.9867)												1
7B	120375	NUT, 1/4"-20 (12.9120)												2
7B	454749	NUT, #10-32 (12.9120)												2
7B	103319	LOCKWASHER, 1/4" (12.9200)												2
		= NOT SERVICED, USE PARTS INDICATED WITH A (+).												
		* NOT SERVICED, SUPERSEDED BY 274946 SCREW AND 454749 NUT.												
		2.9085 - CAM, FUEL MODULATING												
7B	5145827	LINK, THROTTLE DELAY 6V53												1
7B	454749	NUT, #10-32 (12.9120)												1

2.9000 INJECTOR CONTROLS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 1 0	1 2 0	1 2 1	1 2 2	1 2 9	1 3 6	1 6 0	1 6 3	1 6 8	1 7 0	1 8 2	1 9 2
	2.9094	PISTON, INJECTOR CONTROL AIR CYLINDER												
	5145828	PISTON (2.9030)												
	5146233	JOINT, 1/4" BALL (2.9030)												
	454750	NUT, 1/4"—28 LOCK (12.9120)												

2.9000 INJECTOR CONTROLS

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 9 3	2 0 7	2 2 3	2 2 4	2 5 4	2 5 9	2 6 6	2 6 7	2 7 3	2 7 6	2 7 7	2 7 8	2 7 9
2.9001 - TUBE ASSY., INJECTOR CONTROL															
A TUBE ASSY. INCLUDES ONE (1) BRACKET IN 2.9003 AND ITEMS IN 2.9007 THRU 2.9009.															
A TUBE AND LEVER ASSY. INCLUDES BRACKETS IN 2.9003 PLUS ITEMS IN 2.9009 THRU 2.9014.															
B	5198189	TUBE ASSY., 8V53 RIGHT BANK	1												
B	5198190	TUBE ASSY., 8V53 LEFT BANK	1												
A	5199743	TUBE ASSY., 3-53		1											
A	5142151	TUBE AND LEVER ASSY., 3-53			1										
A	5142201	TUBE AND LEVER ASSY., 4-53				1									
A	5103278	TUBE AND LEVER ASSY., 4-53					1								
A	5149966	TUBE AND LEVER ASSY., 6V53 LEFT BANK						1	1		1				
A	5149965	TUBE AND LEVER ASSY., 6V53 RIGHT BANK						1	1		1				
A	5103279	TUBE AND LEVER ASSY., 4-53								1					
A	5149969	TUBE AND LEVER ASSY., 3-53										1			
A	5103310	TUBE AND LEVER ASSY., 3-53											1		
A	5149974	TUBE AND LEVER ASSY., 3-53												1	
A	5103276	TUBE AND LEVER ASSY., 3-53													1
2.9003 - BRACKET, INJECTOR CONTROL TUBE															
B	5116264	BRACKET	4	2	2	2	2	4	4	2	4	2	2	2	2
B	186676	BOLT, 1/4"-20X5/8" (12.9001)	8												
	9422203	BOLT, 1/4"-20X5/8" (12.9001)		4	4	4	4	8	8	4	8	4	4	4	4
B	120380	LOCKWASHER, 1/4" (12.9200)	8												
2.9007 - SHAFT, INJECTOR CONTROL TUBE END															
B	5150259	SHAFT, 1 1/16" L. 8V53	2	1			1	2	2	1	2	1	1	1	1
A	5150258	SHAFT, 1.88" L. 6V53						2	2		2				
	274270	RING, RETAINING		1						1		1			
2.9009 - LEVER, INJECTOR CONTROL TUBE															
A	5150263	LEVER, 6V53	2					2	2		2				
A	5142210	LEVER, 3-4-53			1	1									
A	5141253	LEVER, 3-4-53 (FUEL ROD)		1	1	1	1		1			1			
	5116267	LEVER, 3-53											1	1	1
B	142486	PIN, 1/8"X3/4" GROOVE (12.9270)	2					2	2		2		1	1	1
B	142487	PIN, 1/8"X7/8" GROOVE (12.9270)	2	1	1	1		2	2	1	2	1	1	1	1
A	142488	PIN, 1/8"X1" GROOVE (12.9270)		1	1	1	1			1		1			
A	141201	PIN, 1/4"X1" DOWEL (12.9290)			1	1									
	274270	RING, 1/2" RETAINING			1	1	1								
2.9010 - SPACER, INJECTOR CONTROL TUBE LEVER															
A	5180122	SPACER, 4, 4-53		1	1	1	1			1		1			
	5116266	SPACER, 3-53											1	1	1
	142487	PIN, 1/8"X7/8" GROOVE (12.9270)			1	1	1								

2.9000 INJECTOR CONTROLS

PART			TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	1 9 3	2 0 7	2 2 3	2 2 4	2 5 4	2 5 9	2 6 6	2 6 7	2 7 3	2 7 6	2 7 7	2 7 8	2 7 9	
2.9011 - SPRING, INJECTOR CONTROL TUBE THROTTLE																
	5147407	SPRING (L.H. HELIX)					1	1				1				
	5147406	SPRING (R.H. HELIX)		1												
2.9012 - SPRING, INJECTOR CONTROL TUBE																
7B	5138737	SPRING, 8V53	2													
7A	5180123	SPRING, 3,4-53 (FUEL MOD.) (R.H. HELIX)			1	1										
	5101295	SPRING (R.H. HELIX)						4	4	3	4	2	1	1	1	
	5101258	SPRING (L.H. HELIX)						2	2	1	2	1	2	2	2	
7A	5116265	SPRING, 3, 4-53 (L.H. HELIX)		1	1	1	1	2	2	1	2	1	1	1	1	
7A	5101295	SPRING, 3,4,6V53 (R.H. HELIX)					3	4	4	3	4	2	1	1	1	
7A	5101258	SPRING, 3,4,6V53 (L.H. HELIX)					1	2	2	1	2	1	2	2	2	
2.9014 - LEVER, INJECTOR CONTROL TUBE RACK																
7B	5115322	LEVER	8	3	3	4										
7A	5101397	LEVER					4	6	6	4	6	3	3	3	3	
7B	5176228	SCREW, 1/4"—28X11/16" SPL	16	6	6	8										
	5101392	SCREW, 1/4"—28X.90"					4	6	6	4	6	3	3	3	3	
	120613	NUT, 1/4"—28 JAM (12.9120)					4	6	6	4	6	3	3	3	3	
2.9030 - BRACKET, CYLINDER THROTTLE DELAY ROCKER SHAFT																
7C	5100687	BRACKET (2.9861)						1		1		1				
7B	5145826	BRACKET, 8V53	1	1			1		1							
	8924170	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)						1		1		1				
7B	5102155	VALVE, CHECK 8V53 (2.9862)	1	1			1		1							
7B	5189789	PLUG (OIL SUPPLY) (2.9862)	1	1			1		1							
2.9082 - RETAINER, CYLINDER PISTON SPRING																
7C	5148883	RETAINER (2.9865)						1		1		1				
2.9083 - RING, CYLINDER SPRING RETAINER SNAP																
7C	9424226	RING, RETAINING (2.7260)						1		1		1				
2.9084 - LEVER ASSY., FUEL MODULATING CONTROL TUBE																
7C	5100686	LEVER AND ROLLER ASSY. (INCLUDES LEVER, ROLLER AND PIN) (2.9867)						1		1		1				
7B	5101402	LEVER, THROTTLE DELAY (INCLUDES LEVER, SCREW AND NUT)	1	1			1		1							
7B	5146039	BUSHING (THROTTLE DELAY LEVER)	2	2			2		2							
7B	5148521	SPACER, 1/4"X1.20" L.	1													
7C	5148884	CLAMP (2.9867)						1		1		1				
	8924170	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)							1		1		1			
7C	454512	PIN, 3/16"X3/4" SPRING (12.9275)						1		1		1				
7B	221477	+ SCREW, #8-32X1 1/8" (12.9025)	1	1			1		1		1		1			
7B	454065	BOLT, #10-32X3/4" (12.9001)	2	2			2		2							
7B	5180116	BOLT, U (2.9867)	1	1			1		1							
7C	189132	BOLT, #10-24X5/8" (12.9027)						1		1		1				

2.9000 INJECTOR CONTROLS

PART FIG ... NUMBER ... NAME AND DESCRIPTION			1 9 3	2 0 7	2 2 3	2 2 4	2 5 4	2 5 9	2 6 6	2 6 7	2 7 3	2 7 6	2 7 7	2 7 8	2 7 9
2.9084 - LEVER ASSY., FUEL MODULATING CONTROL TUBE (CONT'D)															
C	120217	LOCKWASHER, #10 (12.9200)						1		1		1			
B	103319	LOCKWASHER, 1/4" (12.9200)	2	2			2		2						
B	454749	+ NUT, #10-32 (12.9120)	3	3			3		3						
B	120375	NUT, 1/4"-20 (12.9120)	2	2			2		2						
+ NOT SERVICED, SUPERSEDED BY 274946 SCREW AND 3-454749 NUT.															
= NOT SERVICED, SUPERSEDED BY 221477 AND (3) EACH OF 154749 AND 9415764.															
2.9085 - CAM, FUEL MODULATING															
C	5106129	CAM						1		1		1			
C	454512	PIN, 3/16"X3/4" SPRING (12.9275)						1		1		1			
B	5145827	LINK, THROTTLE DELAY	1	1			1		1						
B	454749	NUT, #10-32 (12.9120)	1	1			1		1						
2.9086 - TUBE ASSY., CYLINDER INLET															
	5103672	TUBE ASSY., 6V53						1							
	5104480	TUBE ASSY., 3,4-53								1		1			
	5100600	CONNECTOR (2.9873)						1		1		1			
	8924170	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)						1		1		1			
2.9087 - TUBE ASSY., CYLINDER HEAD AIR INLET															
	5103673	TUBE ASSY., 6V53						1							
	5104482	TUBE ASSY., 4-53								1					
	5107099	TUBE ASSY., 3-53											1		
	8924151	ELBOW, 1/8"-90 DEG. STREET (12.9590)											1		
	8925032	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)											1		
	8924149	ELBOW, 1/4" TUBE X 1/8" P.T. 90 DEG. (12.9480)						2		2		2			
	5100136	ADAPTOR, 1/8" PIPE (12.9570)											1		
	8924170	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)						1					1		
2.9092 - COVER, INJECTOR CONTROL AIR CYLINDER															
	5103674	COVER ASSY., AIR BOX (1.1040)						1							
	5130590	# CLAMP						1							
	105451	GASKET, 3/8" COPPER (12.9360)						1							
	181365	BOLT, 3/8"-24X1 1/8" (12.9001)						1							
	103341	WASHER, 3/8" (12.9190)						1							
@ FIG. 1B OF 1.0000.															
# NOT SERVICED, USE 5130589 AND SD-245.															
2.9093 - GASKET, AIR CYLINDER COVER															
	5107441	GASKET (1.1050)						1							
@ FIG. 1B OF 1.0000															

2.9000 INJECTOR CONTROLS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		1 9 3	2 0 7	2 2 3	2 2 4	2 5 4	2 5 9	2 6 6	2 6 7	2 7 3	2 7 6	2 7 7	2 7 8	2 7 9
	2.9094 - PISTON, INJECTOR CONTROL AIR CYLINDER													
	5148887 PISTON (2.9862)						1		1		1			
	5145828 PISTON (2.9030)	1	1			1		1				1		
	454512 PIN, 3/16"X3/4" SPRING (12.9275)						1		1		1			
	5146233 JOINT, 1/4" BALL (2.9030)	1	1			1		1						
	454750 NUT, 1/4"-28 (JOINT TO PISTON) (12.9120)	1	1			1		1						
	2.9097 - SPRING, INJECTOR CONTROL AIR CYLINDER													
	5104675 SPRING (2.9030)						1		1		1			

2.9000 INJECTOR CONTROLS

PART			TYPES						
FIG	NUMBER	NAME AND DESCRIPTION	2 8 1	2 8 2	2 8 3	2 8 4	2 8 6	2 9 1	3 7 4
2.9001 - TUBE ASSY., INJECTOR CONTROL									
7A	5149970	TUBE AND LEVER ASSY., 3-53	1						
7A	5149977	TUBE AND LEVER ASSY., 4-53		1					
7A	5149976	TUBE AND LEVER ASSY., 4-53			1				
7A	5149973	TUBE AND LEVER ASSY., 4-53				1			
7A	5103276	TUBE AND LEVER ASSY., 4-53					1		
7B	5149966	TUBE AND LEVER ASSY., 6V53 (L.B.)						1	1
7B	5149965	TUBE AND LEVER ASSY., 6V53 (R.B.)						1	1
2.9003 - BRACKET, INJECTOR CONTROL TUBE									
7A,B	5116264	BRACKET	2	2	2	2	2	4	4
7A,B	9422203	BOLT, 1/4"-20X5/8" (12.9001)	4	4	4	4	4	8	8
2.9007 - SHAFT, INJECTOR CONTROL TUBE END									
7A,B	5150259	SHAFT, 1 1/16" L.	1	1	1	1	1	2	2
7B	5150258	SHAFT, 1.88" 6V53						2	2
2.9009 - LEVER, INJECTOR CONTROL TUBE									
7A	5116267	LEVER, 3-53	1	1	1	1	1		
	5150263	LEVER, 6V53						2	2
	142486	PIN, 1/8"X3/4" GROOVE (12.9270)	1	1	1	1	1	2	2
	142487	PIN, 1/8"X7/8" GROOVE (12.9270)	1	1	1	1	1	2	2
2.9010 - SPACER, INJECTOR CONTROL TUBE LEVER									
7A	5116266	SPACER, 11/16" O.D. X 33/64" I.D. X .90"	1	1	1	1	1		
2.9012 - SPRING, INJECTOR CONTROL TUBE									
7A,B	5116265	SPRING (L.H. HELIX)	1	1	1	1	1	2	2
7A,B	5101295	SPRING (R.H. HELIX)	1	1	3	3	3	4	4
7A,B	5101258	SPRING (L.H. HELIX)	2	3	1	1	1	2	2
2.9014 - LEVER, INJECTOR CONTROL TUBE RACK									
7A,B	5101397	LEVER	3	4	4	4	4	6	6
7A,B	5101392	SCREW, 1/4"-28 X .90"	3	4	4	4	4	6	6
7A,B	120613	NUT, 1/4"-28 JAM (12.9120)	3	4	4	4	4	6	6
2.9030 - BRACKET, CYLINDER THROTTLE DELAY ROCKER SHAFT									
7C	5100687	BRACKET (2.9861)						1	1
	8924170	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)						1	1
2.9082 - RETAINER, CYLINDER PISTON SPRING									
7C	5148883	RETAINER (2.9865)						1	1

2.9000 INJECTOR CONTROLS

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES					
			2 8 1	2 8 2	2 8 3	2 8 4	2 8 6	2 9 1
		2.9083 - RING, CYLINDER SPRING RETAINER SNAP						3 7 4
7C	9424226	RING, RETAINING (2.7260)						1 1
		2.9084 - LEVER ASSY., FUEL MODULATING CONTROL TUBE						
7C	5100686	LEVER AND ROLLER ASSY. (INCLUDES LEVER, ROLLER, AND PIN) (2.9867)						1 1
7C	5148884	CLAMP (2.9867)						1 1
7C	454512	PIN, 3/16"X3/4" SPRING (12.9275)						1 1
7C	189132	BOLT, #10-24X5/8" (12.9027)						1 1
7C	120217	LOCKWASHER, #10 (12.9200)						1 1
		2.9085 - CAM, FUEL MODULATING						
7C	5106129	CAM						1 1
7C	454512	PIN, 3/16"X3/4" SPRING (12.9275)						1 1
		2.9086 - TUBE ASSY., CYLINDER INLET						
	5103672	TUBE ASSY., 6V53						1 1
	5199575	HOSE, #6X14" L. (12.8550)						1
	5199579	FITTING, #6 HOSE 5/8"-18 MALE INV. FL. 45 DEG.						1
	5199588	FITTING, #6 HOSE 5/8"-18 MALE INV. FL. 90 DEG.						1
	9432248	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)						1
	193004	ELBOW, 3/8" TUBE 90 DEG. (12.9480)						1
	5100600	CONNECTOR (2.9873)						1 1
	8924170	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)						1 1
	137397	NUT, 1/4" TUBE (12.9500)						2 2
	2488022	CLIP, 3/8" (12.8554)						1
		2.9087 - TUBE ASSY., CYLINDER HEAD AIR INLET						
	5103673	TUBE ASSY.						1
	8921314	COVER, AIR BOX 1/8" NPTF (1.1040)						1
	8925004	TEE, INV. 1/4" TUBE (7.4586)						2
	8924380	PLUG, PIPE 1/8"-27 SQ. SOC. W/SEAL (12.9550)						1
		2.9094 - PISTON, INJECTOR CONTROL AIR CYLINDER						
	5148887	PISTON						1 1
	454512	PIN, 3/16"X3/4" SPRING (12.9275)						1 1
		2.9097 - SPRING, INJECTOR CONTROL AIR CYLINDER						
	5104675	SPRING (2.9030)						1 1

2.9000A THROTTLE CONTROLS

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		4 4 4	4 7 6	4 8 3	4 8 4	4 8 5	4 8 6	4 8 7	4 8 8	4 8 9	4 9 0	4 9 2	4 9 3
	2.9105 - WASHER, THROTTLE CONTROL TUBE BRAKE												
5113377	WASHER, 2,3,4-53				1	1	1	1		1	1	1	1
5113378	PAD, 2,3,4-53				1	1	1	1		1	1	1	1
	2.9133 - CONTROL, VERNIER THROTTLE												
	SEE ASSEMBLY BREAKDOWN PAGE A1.												
5173084	CONTROL ASSY., 2,3,4-53								1				
	2.9150 - BRACKET, THROTTLE CONTROL KNOB SHAFT												
	A BRACKET ASSY. INCLUDES BUSHING IN 2.9160.												
5124829	BRACKET ASSY., 2,3,4-53								1				
	2.9160 - BUSHING, THROTTLE CONTROL SHAFT BRACKET												
3222765	BUSHING, 2,3,4-53								1				
	2.9170 - PLATE, THROTTLE CONTROL INDICATOR												
3292274	PLATE, 2,3,4-53								1				
179796	BOLT, 1/4"-20X7/8" (12.9001)								3				
103319	LOCKWASHER, 1/4" (12.9200)								3				
120376	NUT, 1/4"-20 (12.9120)								3				
	2.9175 - SUPPORT, THROTTLE CONTROL BRACKET												
5124502	SUPPORT, 2,3,4-53 (2.9370)								1				
5124628	BRACKET, SUPPORT 2,3,4-53								1				
179835	BOLT, 5/8"-16X5/8" (12.9001)								1				
103321	LOCKWASHER, 3/8" (12.9200)								1				
102635	NUT, 3/8"-16 (12.9120)								1				
	2.9290 - LEVER, THROTTLE CONTROL ROD-LOWER												
3222760	LEVER, 2,3,4-53 (ON VERNIER CONTROL SHAFT) (2.9390)								1				
106276	BOLT, 1/4"-28X1 1/8" (12.9001)								1				
103319	LOCKWASHER, 1/4" (12.9200)								1				
121902	NUT, 1/4"-28 (12.9120)								1				

2.9000A THROTTLE CONTROLS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 4 4	4 7 6	4 8 3	4 8 4	4 8 5	4 8 6	4 8 7	4 8 8	4 8 9	4 9 0	4 9 2	4 9 3
2.9305 - BRACKET, THROTTLE CONTROL CROSS SHAFT-ENGINE LIFTER														
8A	5124616	BRACKET, 3,4-53 (2.9720)				1	1	1	1		1	1	1	1
8A	179838	BOLT, 3/8"-16X7/8" (12.9001)				2	2	2	2		2	2	2	2
	103321	LOCKWASHER, 3/8" (12.9200)				2	2	2	2		2	2	2	2
2.9306 - GASKET, THROTTLE CONTROL CROSS SHAFT BRACKET TO HEAD														
	5175882	GASKET, 2,3,4-53 (4.4115)				2	4	2	4		2	4	2	2
2.9310 - SHAFT, THROTTLE CONTROL CROSS														
8A	5124261	* LEVER & SHAFT ASSY., 3,4-53				1		1			1		1	
8A	5121163	LEVER & SHAFT ASSY., 3,4-53					1		1		1		1	
	5113358	SPRING, 2,3,4-53				1	1	1	1		1	1	1	1
	5113359	SPACER, 2,3,4-53				1	1	1	1		1	1	1	1
	122295	NUT, 1/2"-20 (12.9120)				2	2	2	2		2	2	2	2
* NOT SERVICED, WHEN REPLACEMENT REQUIRED CONVERT TYPES: 484 TO 505; 486 TO 497; 489 TO 499; 492 TO 510. 500 TO 496; 501 TO 498.														
2.9312 - TUBE, THROTTLE CONTROL CROSS SHAFT														
8A	5124262	* TUBE, 3,4-53 (2.9310)				1		1			1		1	
8A	5121166	TUBE, 3,4-53 (2.9310)					1		1		1			1
	5113397	BUSHING, 2,3,4-53 (2.9142)				2	2	2	2		2	2	2	2
8A	5180116	BOLT, "U" 1/4"-20 2,3,4-53 (2.9867)				2	2	2	2		2	2	2	2
	103319	LOCKWASHER, 1/4" (12.9200)				4	4	4	4		4	4	4	4
	120375	NUT, 1/4"-20 (12.9120)				4	4	4	4		4	4	4	4
* NOT SERVICED, USE 5124862.														
2.9344 - BRACKET, THROTTLE BOOSTER SPRING														
7E	5123878	BRACKET, 2,3,4-53		1	1	1	1							
8A	5125014	BRACKET, 2,3,4-53											1	1
8A	179823	BOLT, 5/16"-18X5/8" (12.9001)											2	2
7E	454906	BOLT, 3/8"-16X1 1/2" (12.9001)		1	1	1	1							
8A	103320	LOCKWASHER, 5/16" (12.9200)											2	2
8A	120376	NUT, 5/16"-18 (12.9120)											2	2
2.9345 - LEVER, THROTTLE BOOSTER														
8A	5125016	BRACKET, 3,4-53											1	1
	444813	BOLT, 1/4"-20X7/8" (12.9001)											2	2
	120380	LOCKWASHER, 1/4" (12.9200)											2	2
	120375	NUT, 1/4"-20 (12.9120)											2	2

2.9000A THROTTLE CONTROLS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 4 4	4 7 6	4 8 3	4 8 4	4 8 5	4 8 6	4 8 7	4 8 8	4 8 9	4 9 0	4 9 2	4 9 3
2.9347 - SPRING, THROTTLE BOOSTER														
7E	5143344	SPRING, 2,3,4-53		1	1	1	1							
8A	5124418	SPRING, 3,4-53 (5 9/16" L.)											1	1
2.9348 - EYE, THROTTLE BOOSTER ADJUSTING														
7E	5123762	EYE, 2,3,4-53		1	1	1	1						1	1
7E	120375	NUT, 1/4"-20 (12.9120)		2	2	2	2						2	2
2.9349 - HANGER, THROTTLE BOOSTER SPRING														
7E	5186749	NUT, 5/8" L.2,3,4-53 (SPRING HANGER)		1	1	1	1							
8A	5171429	NUT, 7/16" L. 3,4-53 (SPRING HANGER)											1	1
7E	5171045	BOLT, 5/16"-24X5/8" (1/8" HEAD)		1	1	1	1						1	1
2.9360 - SHAFT, THROTTLE CONTROL-REAR OF ENGINE TO GOVERNOR														
	5124614	ROD ASSY., 3,4-53 (2.9720)				1	1							
	5124942	ROD ASSY., 2,3,4-53 (2.9720)						1	1					
	5124941	ROD ASSY., 2,3,4-53									1	1		
	5124940	ROD ASSY., 2,3,4-53												
8A	5125060	ROD, 2,3,4-53											1	1
	3224744	LINK, 2,3,4-53 (2.9400)								1				
8A	5118951	JOINT, BALL 5/16" 2,3,4-53 (12.9680)											2	2
	5147345	PIN, CLEVIS 2,3,4-53 (12.9260)								2				
	103361	PIN, COTTER (12.9250)								2				
	103320	LOCKWASHER, 5/16" (12.9200)				2	2	2	2		2	2	2	2
	114493	LOCKNUT, 5/16"-24 (2.7170)				2	2	2	2		2	2	2	2
2.9390 - LEVER, GOVERNOR CONTROL SHAFT														
	5147640	LEVER, 2,3,4-53 (3.3110)				1	1	1	1					
	5173081	LEVER, 2,3,4-53 (2.9410)								1				
	5124504	LEVER, 3,4-53 (2.7170)									1	1		
	454813	BOLT, 1/4"-20X7/8" (12.9001)		1	1	1	1				1	1		
	106276	BOLT, 1/4"-28X1 1/8" (12.9001)												
	120380	LOCKWASHER, 1/4" (12.9200)	1	1	1	1	1			1	1	1		
	121902	NUT, 1/4"-28 (12.9120)								1				

2.9000A THROTTLE CONTROLS

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	4 4 4	4 7 6	4 8 3	4 8 4	4 8 5	4 8 6	4 8 7	4 8 8	4 8 9	4 9 0	4 9 2	4 9 3
2.9410 - LEVER, GOVERNOR CONTROL														
	5123880	LEVER		1										
	5123881	LEVER			1									
	5124615	LEVER				1	1							
	5113338	LEVER										1		
	454813	BOLT, 1/4"-20X7/8" (12.9001)		1	1	1	1							
	179796	BOLT, 1/4"-20X7/8" (12.9001)										1		
	120380	LOCKWASHER, 1/4" (12.9200)		1	1	1	1							
	103319	LOCKWASHER, 1/4" (12.9200)										1		
2.9422 - WIRE, GOVERNOR CONTROL														
8A	5146238	WIRE ASSY., 2,3,4-53 (48" L)	1											
8A	5146239	WIRE ASSY., 2,3,4-53 (90" L)				1	1						1	1
	5184255	PLATE, NAME 2,3,4-53	1			1	1						1	1
	110730	LOCKWASHER, 3/8" (12.9200)	1			1	1						1	1
	124925	NUT, 3/8"-24 (12.9120)	1			1	1						1	1
2.9426 - PIN, GOVERNOR CONTROL WIRE SWIVEL														
8A	5161464	PIN, 2,3,4-53	1			1	1						1	1
	120392	WASHER, 1/4" (12.9190)	1			1								
	120393	WASHER, 11/32" (12.9190)					1						1	1
	142583	RETAINER, 13/64" (SPRING) (12.9640)	1			1	1						1	1
8A	132105	SCREW, #10-32X3/8" FIL.HD. (12.9010)	1			1	1						1	1
2.9428 - CLIP, GOVERNOR CONTROL WIRE TUBE														
8A	3290569	CLIP (AT FLYWHEEL HOUSING) (7.8320)	1			1	1						1	1
	5159738	CLIP (INTERMEDIATE) (7.8320)				1	1						1	1
	5155782	CLIP (7.8320)					1							
8A	123298	BOLT, 1/4"-28X3/8" (12.9001)	1			1	1						1	1
	179833	BOLT, 3/8"-16X1/2" (12.9001)				1	1						1	1
	120392	WASHER, 1/4" (12.9190)					1							
	120393	WASHER, 5/16" (12.9190)					1							
	103319	LOCKWASHER, 1/4" (12.9200)	1			1	1						1	1
	103321	LOCKWASHER, 3/8" (12.9200)				1	1						1	1
8A	121902	NUT, 1/4"-28 (12.9120)	1			1	1						1	1

2.9000A THROTTLE CONTROLS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	494	496	497	498	499	500	501	502	503	504	505	506
		2.9105 - WASHER, THROTTLE CONTROL TUBE BRAKE												
	5113377	WASHER, 2,3,4-53	1	1	1	1	1	1	1	1	1		1	1
	5113378	PAD, 2,3,4-53	1	1	1	1	1	1	1	1	1		1	1
		2.9275 - BRACKET, THROTTLE CONTROL SHAFT TO HEAD												
	5125228	BRACKET, 3,4-53 (2.9675)	1											
	5122898	SPACER, 3,4-53 (7.1590)	1											
	179844	BOLT, 3/8"-16X1 5/8" (12.9001)	2											
	103321	LOCKWASHER, 3/8" (12.9200)	2											
		2.9305 - BRACKET, THROTTLE CONTROL CROSS SHAFT-ENGINE LIFTER												
8A	5124616	BRACKET, 3,4-53 (2.9720)						1	1	1	1			
	5101634	BRACKET, 2,3,4-53 (SD-158)		1	1	1	1						1	1
8A	179838	BOLT, 3/8"-16X7/8" (12.9001)	2	2	2	2	2	2	2	2	2		2	2
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2	2	2	2	2	2		2	2
		2.9306 - GASKET, THROTTLE CONTROL CROSS SHAFT BRACKET TO HEAD												
	5175882	GASKET, 2,3,4-53 (4.4115)	2	2	4	4	2	2	2	2		4	4	
		2.9310 - SHAFT, THROTTLE CONTROL CROSS												
8A	5124261	* LEVER & SHAFT ASSY., 3,4-53						1	1					
8A	5121163	LEVER & SHAFT ASSY., 3,4-53								1	1			
8A	5124863	LEVER & SHAFT ASSY., 2,3,4-53	1	1	1	1	1						1	1
	5113358	SPRING, 2,3,4-53	1	1	1	1	1	1	1	1	1		1	1
	5113359	SPACER, 2,3,4-53	1	1	1	1	1	1	1	1	1		1	1
	122295	NUT, 1/2"-20 (12.9120)	2	2	2	2	2	2	2	2	2		2	2
		* NOT SERVICED, WHEN REPLACEMENT REQUIRED CONVERT TYPES: 500 TO 496; 501 TO 498.												
		2.9312 - TUBE, THROTTLE CONTROL CROSS SHAFT												
3A	5121166	TUBE, 3,4-53 (2.9310)								1	1			
3A	5124862	TUBE, 2,3,4-53 (2.9310)	1	1	1	1	1	1	1				1	1
	5113397	BUSHING, 2,3,4-53 (2.9142)	2	2	2	2	2	2	2	2	2		2	2
3A	5180116	BOLT, "U" 1/4"-20 2,3,4-53 (2.9867)	2	2	2	2	2	2	2	2	2		2	2
	103319	LOCKWASHER, 1/4" (12.9200)	4	4	4	4	4	4	4	4	4		4	4
	120375	NUT, 1/4"-20 (12.9120)	4	4	4	4	4	4	4	4	4		4	4

2.9000A THROTTLE CONTROLS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	4 9 4	4 9 6	4 9 7	4 9 8	4 9 9	5 0 0	5 0 1	5 0 2	5 0 3	5 0 4	5 0 5	5 0 6
2.9344 - BRACKET, THROTTLE BOOSTER SPRING														
7E	5123878	BRACKET, 2,3,4-53											1	
	5123879	BRACKET, 2,3,4-53												1
7E	454906	BOLT, 3/8"-16X1 1/2" (12.9001)											1	1
2.9347 - SPRING, THROTTLE BOOSTER														
7E	5143344	SPRING, 2,3,4-53											1	1
2.9348 - EYE, THROTTLE BOOSTER ADJUSTING														
7E	5123762	EYE, 2,3,4-53											1	1
7E	120375	NUT, 1/4"-20 (12.9120)											2	2
2.9349 - HANGER, THROTTLE BOOSTER SPRING														
7E	5186749	NUT, 5/8" L. 2,3,4-53 (SPRING HANGER)											1	1
7E	5171045	BOLT, 5/16"-24X5/8" 2,3,4-53 (1/8" HEAD)											1	1
2.9360 - SHAFT, THROTTLE CONTROL-REAR OF ENGINE TO GOVERNOR														
	5124614	ROD ASSY., 3,4-53 (2.9720)											1	1
	5124942	ROD ASSY., 2,3,4-53 (2.9720)			1									
	5124941	ROD ASSY., 2,3,4-53				1			1		1			
	5124940	ROD ASSY., 2,3,4-53					1							
	5124943	ROD ASSY., 2,3,4-53 (2.9720)		1						1				
	5125684	LINK, 2,3,4-53	1											
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2	2		2	2
	114493	LOCKNUT, 5/16"-24 (2.7170)	2	2	2	2	2	2	2	2	2		2	2
2.9390 - LEVER, GOVERNOR CONTROL SHAFT														
	5147640	LEVER, 2,3,4-53 (3.3110)	1	1	1			1		1			1	1
	5124504	LEVER, 3,4-53 (2.7170)				1	1		1		1			
	5158432	* LEVER, 2,3,4-53 (2.7170)	1											
	454813	BOLT, 1/4"-20X7/8" (12.9001)	1	1	1	1	1	1	1	1	1		1	1
	186647	BOLT, 1/4"-20X1" (12.9001)	1											
	120380	LOCKWASHER, 1/4" (12.9200)	1	1	1	1	1	1	1	1	1		1	1
		* NOT REQUIRED WITH PIERCE GOVERNOR.												

2.9000A THROTTLE CONTROLS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	4 9 4	4 9 6	4 9 7	4 9 8	4 9 9	5 0 0	5 0 1	5 0 2	5 0 3	5 0 4	5 0 5	5 0 6
2.9410 - LEVER, GOVERNOR CONTROL														
7D	5124615	LEVER, 2,3,4-53											1	1
7D	454813	BOLT, 1/4"-20X7/8" (12.9001)											1	1
7D	120380	LOCKWASHER, 1/4" (12.9200)											1	1
2.9422 - WIRE, GOVERNOR CONTROL														
8A	5146238	WIRE ASSY., 2,3,4-53 (48" L.)	1									1		
8A	5146239	WIRE ASSY., 2,3,4-53 (90" L.)											1	1
	3796374	GUIDE, 3,4-53 (2.9426)	1									1		
	5184255	PLATE, NAME 2,3,4-53	1									1	1	1
	140855	SCREW SET, #8-32X5/16" (12.9076)	1									1		
	110730	LOCKWASHER, 3/8" (12.9200)	1									1	1	1
	124925	NUT, 3/8"-24 (12.9120)	1									1	1	1
2.9426 - PIN, GOVERNOR CONTROL WIRE SWIVEL														
8A	5161464	PIN, 2,3,4-53											1	1
	5150941	WASHER, 21/16" (2.7310)											1	
	120392	WASHER, 1/4" (12.9190)												1
	142583	RETAINER, 13/64" (SPRING) (12.9640)											1	1
8A	132105	SCREW, #10-32X3/8" FIL.HD. (12.9010)											1	1
2.9428 - CLIP, GOVERNOR CONTROL WIRE TUBE														
8A	3290569	CLIP (AT FLYWHEEL HOUSING) (7.8320)											1	1
	5159738	CLIP (INTERMEDIATE) (7.8320)											1	1
	5163538	CLIP (3/16" TUBE) (7.8320)	1											
	5155782	CLIP (7.8320)	2									2	1	1
	120687	BOLT, #10-24X1/2" (12.9025)	2											
8A	123298	BOLT, 1/4"-28X3/8" (12.9001)											1	1
	179833	BOLT, 3/8"-16X1/2" (12.9001)											1	1
	179835	BOLT, 3/8"-16X5/8" (12.9001)	1											
	120392	WASHER, 1/4" (12.9190)											1	
	120393	WASHER, 5/16" (12.9190)												1
	120217	LOCKWASHER, #10 (12.9200)	1									1		
	103319	LOCKWASHER, 1/4" (12.9200)											1	1
	103321	LOCKWASHER, 3/8" (12.9200)											1	1
	110633	NUT, #10-24 (12.9120)	1									1		
8A	121902	NUT, 1/4"-28 (12.9120)											1	1

2.9000A THROTTLE CONTROLS

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	507	508	509	510	511	512	513	514	515	516	517	518
		2.9105 - WASHER, THROTTLE CONTROL TUBE BRAKE												
	5113377	WASHER, 2,3,4-53	1	1	1	1	1	1	1	1	1	1	1	1
	5113378	PAD, 2,3,4-53	1	1	1	1	1	1	1	1	1	1	1	1
		2.9275 - BRACKET, THROTTLE CONTROL SHAFT TO HEAD												
	5125228	BRACKET, 2,3,4-53 (2.9675)	1										1	1
	5122898	SPACER, 2,3,4-53 (7.1590)	1										1	1
	179844	BOLT, 3/8"-16X1 5/8" (12.9001)	2										2	2
	103321	LOCKWASHER, 3/8" (12.9200)	2										2	2
		2.9305 - BRACKET, THROTTLE CONTROL CROSS SHAFT-ENGINE LIFTER												
8A	5124616	BRACKET, 3,4-53		1	1				1	1	1	1		
8A	5147417	BRACKET, 2-53 (SD-158)				1	1	1						
8A	179838	BOLT, 3/8"-16X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2		
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2	2	2	2	2	2	2		
		2.9306 - GASKET, THROTTLE CONTROL CROSS SHAFT BRACKET TO HEAD												
	5175882	GASKET, 2,3,4-53 (4.4115)		2	2	2	4	4	2	2	2	4		
		2.9310 - SHAFT, THROTTLE CONTROL CROSS												
	5124863	LEVER AND SHAFT ASSY., 2,3,4-53	1			1	1	1					1	1
8A	5124261	* LEVER AND SHAFT ASSY., 3,4-53		1					1	1				
8A	5121163	LEVER AND SHAFT ASSY., 3,4-53			1						1	1		
	5113358	SPRING, 2,3,4-53	1	1	1	1	1	1	1	1	1	1	1	1
	5113359	SPACER, 2,3,4-53	1	1	1	1	1	1	1	1	1	1	1	1
	122295	NUT, JAM 1/2"-20 (12.9120)	2	2	2	2	2	2	2	2	2	2	2	2
		* NOT SERVICED, WHEN REPLACEMENT REQUIRED CONVERT TYPES: 508 TO 506; 513 TO 511; 514 TO 512.												
		2.9312 - TUBE, THROTTLE CONTROL CROSS SHAFT												
8A	5124862	TUBE, 2,3,4-53 (2.9310)	1			1	1	1					1	1
8A	5124262	* TUBE, 3,4-53		1					1	1				
8A	5121166	TUBE, 3,4-53 (2.9310)			1						1	1		
	5113397	BUSHING, 2,3,4-53 (2.9142)	2	2	2	2	2	2	2	2	2	2	2	2
8A	5180116	BOLT, 1/4"-20 U 2,3,4-53 (2.9867)	2	2	2	2	2	2	2	2	2	2	2	2

2.9000A THROTTLE CONTROLS

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	5 0 7	5 0 8	5 0 9	5 1 0	5 1 1	5 1 2	5 1 3	5 1 4	5 1 5	5 1 6	5 1 7	5 1 8
2.9312 - TUBE, THROTTLE CONTROL CROSS SHAFT (CONT'D)														
	103319	LOCKWASHER, 1/4" (12.9200)	4	4	4	4	4	4	4	4	4	4	4	4
	120375	NUT, 1/4"-20 (12.9120)	4	4	4	4	4	4	4	4	4	4	4	4
* NOT SERVICED, WHEN REPLACEMENT REQUIRED CONVERT TYPES: 508 TO 506; 513 TO 511; 514 TO 512.														
2.9344 - BRACKET, THROTTLE BOOSTER SPRING														
7E	5123878	BRACKET, 2,3,4-53	1											
8A	5123879	BRACKET, 2,3,4-53		1	1									
	5125014	BRACKET, 2-53				1								
8A	179823	BOLT, 5/16"-18X5/8" (12.9001)					2							
7E	186628	BOLT, 3/8"-16X1 1/2" (12.9001)	1	1	1									
7E	103320	LOCKWASHER, 5/16" (12.9200)				2								
7E	120376	NUT, 5/16"-18 (12.9120)				2								
2.9345 - LEVER, THROTTLE BOOSTER														
7E	5125016	BRACKET, 2,3,4-53					1							
	179796	BOLT, 1/4"-20X7/8" (12.9001)	2	2	2		2							
	103319	LOCKWASHER, 1/4" (12.9200)	2	2	2		2							
	120375	NUT, 1/4"-20 (12.9120)					2							
2.9347 - SPRING, THROTTLE BOOSTER														
7E	5143344	SPRING, 2,3,4,6V53	1		1									
7E	5125716	SPRING, 2,3,4,6V53		1										
7E	5124418	SPRING, 2,3,4-53 (5 9/16" L.)				1								
2.9348 - EYE, THROTTLE BOOSTER ADJUSTING														
7E	5123762	EYE, 2,3,4-53	1	1	1	1								
7E	120375	NUT, 1/4"-20 (12.9120)	2	2	2	2								
2.9349 - HANGER, THROTTLE BOOSTER SPRING														
7E	5186749	NUT, 5/8" 3,4,6V53 (SPRING HANGER)	1	1	1									
7E	5171429	NUT, 7/16" 2,6V53 (SPRING HANGER)				1								
7E	5171045	BOLT, 5/16"-24X5/8" 2,3,4,6V53 (1/8" HEAD)	1	1	1	1								

2.9000A THROTTLE CONTROLS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	507	508	509	510	511	512	513	514	515	516	517	518
		2.9360 - SHAFT, THROTTLE CONTROL-REAR OF ENGINE TO GOVERNOR												
	5124614	ROD ASSY., 3,4-53 (2.9720)	1	1	1									
	5125262	ROD ASSY., 3,4-53 (2.9720)											1	
	5125264	ROD ASSY., 3,4-53 (2.9720)												1
8A	5125060	ROD, 2-53				1								
	5125687	LINK, 2,3,4-53 (2.7360)					1		1		1			
	5125686	LINK, 2,3,4-53						1		1		1		
8A	5118951	JOINT, BALL 5/16" 2,3,4-53 (12.9680)				2								
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2	2	2	2	2
	114493	LOCKNUT, 5/16"-24 (2.7170)	2	2	2	2	2	2	2	2	2	2	2	4
		2.9390 - LEVER, GOVERNOR CONTROL SHAFT												
	5147640	LEVER, 2,3,4-53 (3.3110)	1	1	1		1	1	1	1	1	1	1	
	5124504	LEVER, 3,4-53 (2.7170)												1
	179796	BOLT, 1/4"-20X7/8" (12.9001)	1	1	1		1	1	1	1	1	1	1	1
	120380	LOCKWASHER, 1/4" (12.9200)	1	1	1		1	1	1	1	1	1	1	1
		2.9410 - LEVER, GOVERNOR CONTROL												
7D	5124615	LEVER, 2,3,4-53	1	1	1									
7D	179796	BOLT, 1/4"-20X7/8" (12.9001)	1	1	1									
7D	103319	LOCKWASHER, 1/4" (12.9200)	1	1	1									
		2.9422 - WIRE, GOVERNOR CONTROL												
8A	5146239	WIRE ASSY., 2,3,4-53 (90" L.)		1	1	1		1						
8A	5146238	WIRE ASSY., 2,3,4-53 (48" L.)					1		1	1	1	1		
	3796374	GUIDE, 2,3,4-53 (2.9426)					1	1	1	1	1	1	1	
	5184255	PLATE, NAME 2,3,4-53		1	1	1	1	1	1	1	1	1	1	
	140855	SCREW SET, #8-32X5/16" (12.9076)					1	1	1	1	1	1	1	
	110730	LOCKWASHER, 3/8" (12.9200)		1	1	1	1	1	1	1	1	1	1	
	124925	NUT, 3/8"-24 (12.9120)		1	1	1	1	1	1	1	1	1	1	
		2.9426 - PIN, GOVERNOR CONTROL WIRE SWIVEL												
8A	5161464	PIN, 2,3,4-53		1	1	1								
	120392	WASHER, 1/4" (12.9190)		1	1									
	120393	WASHER, 11/32" (12.9190)				1								
	142583	RETAINER, 13/64" (SPRING) (12.9640)		1	1	1								
8A	132105	SCREW, #10-32X3/8" FILHD. (12.9010)		1	1	1								
		2.9428 - CLIP, GOVERNOR CONTROL WIRE TUBE												
7E	3290569	CLIP (AT WIRE END) (7.8320)		1	1	1								
	5159738	CLIP (3/16" TUBE) (7.8329)		2	2	2								
	5155782	CLIP (3/16" TUBE) (7.8320)					2	2	2	2	2	2		

2.9000A THROTTLE CONTROLS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	507	508	509	510	511	512	513	514	515	516	517	518
2.9428 - CLIP, GOVERNOR CONTROL WIRE TUBE (CONT'D)														
	120687	BOLT, #10-24X1/2" (12.9025)					1	1	1	1	1	1		
3A	123298	BOLT, 1/4"-28X3/8" (12.9001)		1	1	1								
	179833	BOLT, 3/8"-16X1/2" (12.9001)		1	1	1								
	120393	WASHER, 11/32" (12.9190)		1	1									
	120217	LOCKWASHER, #10 (12.9200)					1	1	1	1	1	1		
	120380	LOCKWASHER, 1/4" (12.9200)		1	1	1								
	103321	LOCKWASHER, 3/8" (12.9200)		1	1	1								
	110633	NUT, #10-24 (12.9120)					1	1	1	1	1	1		
3A	121902	NUT, 1/4"-28 (12.9120)		1	1	1								

2.9000A THROTTLE CONTROLS

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		5 1 9	5 2 0	5 2 1	5 2 2	5 2 3	5 2 4	5 3 8	5 4 1	5 5 2	5 5 3	5 5 8	5 6 0
	2.9133 - CONTROL, VERNIER THROTTLE												
	SEE ASSEMBLY BREAKDOWN PAGE A1.												
3292337	CONTROL ASSY., 2,3,4-53					1							
	2.9150 - BRACKET, THROTTLE CONTROL KNOB SHAFT												
	A BRACKET ASSEMBLY INCLUDES BUSHING IN 2.9160.												
3292280	BRACKET ASSY., 2,3,4-53					1							
	2.9160 - BUSHING, THROTTLE CONTROL SHAFT BRACKET												
3222765	BUSHING, 2,3,4-53					1							
	2.9170 - PLATE, THROTTLE CONTROL INDICATOR												
3292274	PLATE, 2,3,4-53					1							
	2.9190 - COUPLING, THROTTLE CONTROL SHAFT												
5166494	COUPLING, 2,3,4-53					1							
139009	SCREW, 1/4"-28X1/4" SET (12.9076)					4							
	2.9220 - BRACKET, GOVERNOR CONTROL SHAFT REAR												
5126553	BRACKET, 2,3,4-53 (LOWER)												1
5126555	BRACKET, 3,4-53 (UPPER)												1
106265	WASHER, 9/16" (12.9190)												1
108629	PIN, 3/32"X7/8" COTTER (12.9250)												1
	2.9280 - ROD AND CLEVIS ASSY., THROTTLE CONTROL												
5126985	ROD ASSY., 3,4-53 (OUTPUT SHAFT GOVERNOR)												
5123245	CLAMP, SWIVEL 3,4-53									1			
103372	PIN, 3/32"X1/2" COTTER (12.9260)									1			
103495	PIN, 5/16" CLEVIS (12.9160)									1			
103320	LOCKWASHER, 5/16" (12.9200)									1			
114493	LOCKNUT, 5/16"-24 (2.7170)									1			