

5.5000A HEAT EXCHANGER OR KEEL COOLING

PART			TYPES											
.FIG	NUMBER	NAME AND DESCRIPTION	4 0 2	4 0 8	4 1 1	4 1 3	4 2 4	4 3 4	4 4 0	4 4 1	4 4 2	4 4 3	4 4 4	
		5.5380 - TUBE, RAW WATER PUMP OUTLET (CONT'D)												
	103341	WASHER, 3/8" (12.9200)	2	2	2	2		2		2	2		2	
	103321	LOCKWASHER, 3/8" (12.9200)		AR							AR			
		5.5430 - TUBE, HEAT EXCHANGER RAW WATER INLET (INTERMEDIATE)												
	5115502	TUBE (DEV. L. 19.00') 8V-53					1				1			
		5.5440 - TUBE, HEAT EXCHANGER RAW WATER INLET												
7B	5135498	TUBE ASSY., 6V-53			1	1		1					1	
7B	5137343	TUBE ASSY. 8V-53 (5.5377)		1							1			
5A,6A	5122630	ELBOW					1							
	186629	BOLT, 5/16"-18X1" (12.9001)	4	4	4	4		4		4	4		4	
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)					4							
	103320	LOCKWASHER, 5/16" (12.9200)	4	4	4	4	4	4		4	4		4	
		5.5460 - GASKET, HEAT EXCHANGER RAW WATER INLET TUBE												
5A,B	5158747	GASKET, 3,4,6,8V53	1	1	1	1	1	1		1	1		1	
		5.5470 - HOSE, HEAT EXCHANGER RAW WATER INLET TUBE												
5A	5144164	HOSE (1.5" X 12.25" L) 3-53					1							
	5110373	# HOSE (2" X 3") 6, 8V53 (5.3330)	2	1	2			1		2	2		1	
5A	2337379	CLAMP, 1 1/16"-2" DIA. HOSE (12.9660)					2							
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	4	2	4			2		4	4		2	
		# STD. LENGTH HOSE; CUT TO LENGTH SHOWN.												
		5.5550 - TUBE, HEAT EXCHANGER RAW WATER OUTLET												
6B	5136504	TUBE ASSY., 8V53	1		1					1				
	5119878	FLANGE, 4,6,8V53			1			1		1	1		1	
	5126464	ELBOW					1							
	186629	BOLT, 5/16"-18X1" (12.9001)	4	4	4	4		4		4	4		4	
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)					4							
	103320	LOCKWASHER, 5/16" (12.9200)	4	4	4	4	4	4		4	4		4	

DETROIT DIESEL

53 MPC ENGINES

5.5000A HEAT EXCHANGER OR KEEL COOLING

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES																	
			4 0 2	4 0 6	4 1 1	4 1 3	4 2 4	4 3 4	4 4 0	4 4 1	4 4 2	4 4 3	4 4 4							
6A,B	5158747	GASKET, 3,4,6,8V53 (5.5460)		1	1	1	1	1		1	1		1							

5.5000A HEAT EXCHANGER OR KEEL COOLING

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	4 4 5	4 4 6	4 4 7	4 4 8	4 4 9	4 5 1	4 5 7	4 8 1	4 8 2	4 8 9	4 9 0
5.5001 - TANK EXPANSION													
6A,B	5144834	# TANK, 4,6,8V53 (ALUM.)	1	1	1	1	1	1					
6B	5107685	TANK, 8V53							1				1
6B	5108124	% TANK, 6V53								1	1	1	
	5145128	SPACER, 13/32"X2.56" L.			2	2	2	2					
	5177469	SPACER, 13/32"X3/4"X1 3/16" (7.1585)								2	2	2	2
	8923847	PLUG, 1/4" PIPE (4.7001)							1				1
	5117186	PLUG, 2" DIA. CUP (1.2001)							2	2	2	2	2
	192883	BOLT, 3/8"-16X5 1/4" (12.9001)			2	2	2	2	2	2	2	2	2
	103321	LOCKWASHER, 3/8" (12.9200)			2	2	2	2	2	2	2	2	2
		# NOT SERVICED; CONVERT TYPE 445 TO TYPE 395, TYPE 446 TO TYPE 396, TYPE 447 TO TYPE 380, TYPE 448 TO TYPE 413, TYPE 449 TO TYPE 406, AND TYPE 451 TO TYPE 392.											
		% NOT SERVICED; FOR SERVICE USE 5107685 PLUS 2-5117186, 1-5118060 AND 1-5118061.											
5.5003 - CORE, HEAT EXCHANGER													
6A,B	8509553	CORE, 4,6,8V53	1	1	1	1	1		1	1	1		
5.5010 - ELECTRODE, HEAT EXCHANGER													
6A,B	8515850	ELECTRODE ASSY., 4, 6, 8V53 (INCLUDES 3 3/8" L. ELECTRODE)	1	1	1	1	1		1	1	1		
5.5025 - RETAINER, HEAT EXCHANGER SEAL													
6A,B	5167766	RETAINER, 4,6,8V53	1	1	1	1	1		1	1	1		
5.5026 - SEAL, HEAT EXCHANGER													
6A,B	5167746	SEAL, 4,6,8V53	2	2	2	2	2		2	2	2		
5.5027 - GLAND, HEAT EXCHANGER SEAL RETAINER													
6A,B	5167745	GLAND, 4,6,8V53	1	1	1	1	1		1	1	1		
5.5030 - COVER, HEAT EXCHANGER													
6A,B	5146276	COVER, 4,6,8V53 (INLET)	1	1	1	1	1		1	1	1		
	5167741	COVER, 4,6,8V53 (OUTLET)	1	1	1	1	1		1	1	1		
	5123661	COVER, 4-53 (OUTLET)	1	1									
	5134939	+ COVER, 4,8V53 (BOTTOM)	1	1					1				
6A,B	5145287	+ COVER, 4,6,8V53 (INLET)						1					
6A,B	5186976	COVER, 4,6,8V53 (INLET)						1				1	1
6A,B	5134851	COVER, 4,6,8V53 (OUTLET)	1	1	1	1	1	1	1	1	1	1	1
	5117674	COVER, 6V53 (INLET)										1	1
	5146505	COVER, 6V53 (4.4060)										1	1

5.5000A HEAT EXCHANGER OR KEEL COOLING

			TYPES										
FIG	PART NUMBER	NAME AND DESCRIPTION	4 4 5	4 4 6	4 4 7	4 4 8	4 4 9	4 5 1	4 5 7	4 8 1	4 8 2	4 8 9	4 9 0
	5.5030 - COVER, HEAT EXCHANGER (CONT'D)												
	114981	DRAINCOCK, 1/8" (12.9510)	1	1	1	1	1		1	2	2		
	455603	PLUG, 1/8"-27 SQ HD. (12.9550)	2	2									
	113176	PLUG, 1/8" PIPE (12.9550)	1	1	1	1	1		1	1	1		
	112578	PLUG, 1/4" PIPE (12.9550)	1	1	1	1	1		1	1	1		
	113177	PLUG, 3/4" PIPE (12.9550)	1	1	1	1	1		1	1	1		
	5173336	PLUG, 1" HEADLESS (12.9550)	1	1									
	5115214	PLUG, 1/2" PIPE (12.9550)											2
	5150155	GASKET (4.4030)											1
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)							10	10	10	20	20
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)	12	12	2	2	2	2	8				
	180083	BOLT, 5/16"-18X1 1/2" (12.9001)	10	10	10	10	10	20					
	179826	BOLT, 5/16"-18X2" (12.9001)							10	10	10		
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)	10	10	10	10	10						
	186629	BOLT, 5/16"-18X1" (12.9001)											8
	179839	BOLT, 3/8"-16X1" (12.9001)							2	2	2	2	2
	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	103321	LOCKWASHER, 3/8" (12.9200)							2	2	2	2	2
		+ OBSOLETE											
	5.5060 - GASKET, HEAT EXCHANGER												
6B	5146135	GASKET, 4,6,8V53	3	3	3	3	3	2		3	3		
6B	5134679	GASKET, 4,6,8V53	1	1	1	1	1	1	1	1	1	1	1
6B	5146137	GASKET, 4,6,8V53	1	1									
6B	5144703	GASKET, 4,6,8V53 (BOTTOM COVER)	1	1					1				
6B	5167764	GASKET, 4,6,8V53							3			2	2
	5.5070 - BRACKET, HEAT EXCHANGER MOUNTING												
	5138767	BRACKET, 4-53 (UPPER)	1										
	5138761	BRACKET, 4-53 (LOWER)	1										
	5138592	BRACKET, 4-53 (UPPER)		1									
	5138585	BRACKET, 4-53 (LOWER)		1									
	5135291	BRACKET, 6V53 (UPPER)			1	1				1	1	1	1
	5135355	BRACKET, 8V53					1	1	1				
	5145143	SPACER, 13/32"X1.40" L.	2	2									
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2	2									
	181384	BOLT, 3/8"-24X2 3/4" (12.9001)	2	2									
	454933	BOLT, 7/16"-14X1 1/8" (12.9001)			2	2	2	2	2	2	2	2	2
	193221	BOLT, 7/16"-14X1 1/4" (12.9001)	2	2	2	2	2	2	2	2	2	2	2
	442733	BOLT, 1/2"-13X1 1/4" (12.9001)	2	2									
	103321	LOCKWASHER, 3/8" (12.9200)	4	4									
	103322	LOCKWASHER, 7/16" (12.9200)	2	2	4	4	4	4	4	4	4	4	4
	103323	LOCKWASHER, 1/2" (12.9200)	1	1									
	117049	NUT, 3/8"-24 (12.9120)	2	2									
	5.5120 - NECK, EXPANSION TANK FILLER												
	5118060	NECK, 8V53							1	1	1	1	1

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PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	4 4 5	4 4 6	4 4 7	4 4 8	4 4 9	4 5 1	4 5 7	4 8 1	4 8 2	4 8 9	4 9 0
		5.5130 - GASKET, EXPANSION TANK FILLER NECK											
	5118061	GASKET, 8V53							1	1	1	1	1
		5.5140 - CAP, EXPANSION TANK FILLER											
68	850795	CAP, 4,6,8V53	1	1	1	1	1	1	1	1	1		
	850901	CAP, 8V53										1	1
		5.5190 - TUBE, EXPANSION TANK OVERFLOW											
7B	5135900	TUBE ASSY., 4, 6, 8V53 (DEV L. 17.75" L)	1	1	1	1	1	1	1	1	1	1	1
	225815	ELBOW, 5/16" INV. FL. TUBE 90 DEG. (12.9480)	1	1	1	1	1	1		1	1	1	1
	9432245	ELBOW, 5/16" INV. FL. TUBE 90 DEG. (12.9480)							1				
		5.5200 - CLIP, EXPANSION TANK OVERFLOW TUBE											
	3290459	CLIP (2.5220)	1	1	1	1	1	1	1	1	1	1	1
		5.5378 - GASKET, RAW WATER FLANGE (AT PUMP)											
	5115395	GASKET (5.5410)	1	1	1	1	1	1	1	1	1		
		5.5380 - TUBE, RAW WATER PUMP OUTLET											
7B	5125540	TUBE ASSY., 8V-53			1								
7B	5109705	TUBE ASSY., 6V-53				1							
7B	5136661	TUBE ASSY., 6V-53					1		1				
	5107007	TUBE ASSY., 6V-53								1			
	5107005	TUBE ASSY., 6V-53									1		
	5138746	ELBOW	1										
	5138569	ELBOW		1									
	103647	DRAINCOCK, 1/4" (12.9510)				1							
7B	112578	PLUG, 1/4" PIPE (12.9550)			1								
7B	113177	PLUG, 3/4" PIPE BRASS (12.9550)					1		1				
	179839	BOLT, 3/8"-16X1" (12.9001)			1	1			2	2	2		
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)	1	1									
	179849	BOLT, 3/8"-16X2 1/2" (12.9001)	1	1									
	103341	WASHER, 3/8" (12.9190)			2	2			2	2	2		
	103321	LOCKWASHER, 3/8" (12.9200)	2	2					2				
		5.5430 - TUBE, HEAT EXCHANGER RAW WATER INLET (INTERMEDIATE)											
	5138766	+ TUBE (DEV. L. 23.50") 4-53	1										
	5140384	+ TUBE (DEV. L. 23.80") 4-53		1									
7B	5115502	TUBE (DEV. L. 19.00") 8V-53					1		1				
		+ OBSOLETE.											

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PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	4 4 5	4 4 6	4 4 7	4 4 8	4 4 9	4 5 1	4 5 7	4 8 1	4 8 2	4 8 9	4 9 0
		5.5440 - TUBE, HEAT EXCHANGER RAW WATER INLET											
7B	5135498	TUBE ASSY., 6V53			1								
	5125538	+ TUBE ASSY., 8V53				1							
7B	5137343	TUBE ASSY., 8V53 (5.5377)					1		1				
	5107011	TUBE ASSY., 6V53								1			
	5107013	TUBE ASSY., 6V53									1		
	5138743	* ELBOW, 4-53 (5.5550)	1	1									
	186629	BOLT, 5/16"-18X1" (12.9001)			4	4	4		4	4	4		
	103320	LOCKWASHER, 5/16" (12.9200)			4	4	4		4	4	4		
		* OBSOLETE											
		+ NOT SERVICED; FOR SERVICE USE											
		5135498.											
		5.5460 - GASKET, HEAT EXCHANGER RAW WATER INLET TUBE											
	5158747	GASKET, 6,8V53			1	1	1		1	1	1		
		5.5470 - HOSE, HEAT EXCHANGER RAW WATER INLET TUBE											
	5199780	+ HOSE, 2 3/8" I.D. X 2.76" L. (5.3365)	1	1									
	5199778	+ HOSE (1 3/4" X 2.76" L.) 4-53 (5.3295)	2	2									
	5110373	+ HOSE (2" X 3") 6, 8V53 (5.5330)			1	1	2		2				
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	4	4	2	2	4		4				
	5188036	CLAMP, 2 9/16"-3 1/2" DIA. HOSE (12.9660)	2	2									
		+ STD. LENGTH HOSE, CUT TO LENGTH SHOWN.											
		5.5550 - TUBE, HEAT EXCHANGER RAW WATER OUTLET											
6B	5136504	TUBE ASSY., 6,8V53 (5.5440)			1	1	1						
	5119878	FLANGE, 4,8V53	1	1					1	1	1		
	186629	BOLT, 5/16"-18X1" (12.9001)			4	4	4		4	4	4		
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	8	8									
	103320	LOCKWASHER, 5/16" (12.9200)	8	8	4	4	4		4	4	4		
		5.5570 - GASKET, HEAT EXCHANGER RAW WATER OUTLET TUBE											
6B	5158747	GASKET, 4,6,8V53 (5.5460)	1	1	1	1	1		1	1	1		

5.6000A RAW WATER PUMP

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		3 8	3 9	4 0	4 4	4 5	4 8	5 3	5 4	5 6	5 8	5 7	5 8
5.6001 - PUMP ASSY., RAW WATER														
A PUMP ASSY. INCLUDES ITEMS IN 5.6010 THRU 5.6320 EXCEPT 5.6220.														
7A,B	5122509	* PUMP ASSY., 2,3,4,6V53	1	1										
7A,B	5115396	PUMP ASSY., 4,6,8V53			1			1		1	1			
7B	5137208	PUMP ASSY., 6V53				1	1					1	1	
	5144197	PUMP ASSY., 4-53							1					
7B	5145578	PUMP ASSY., 2,3,4-53												1
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)							2					
	454933	BOLT, 7/16"-14X1 1/8" (12.9001)	1	1										1
	193221	BOLT, 7/16"-14X1 1/4" (12.9001)	1		1	1	1	1		1	1	1	1	
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)	4		4									
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)	4	4		4	4	4		4	4	4	4	4
	103321	LOCKWASHER, 3/8" (12.9200)							2					
	103322	LOCKWASHER, 7/16" (12.9200)	1	1	1									
	103323	LOCKWASHER, 1/2" (12.9200)	4	4	4	4	4	4						
	102635	NUT, 3/8"-16 (12.9120)							2					
* NOT SERVICED, COMPONENTS ARE AVAILABLE; FOR COMPLETE REPLACEMENT USE PUMP ASSY. 5145578.														
5.6010 - HOUSING, RAW WATER PUMP DRIVE														
7A,B	5108174	ADAPTOR, 2,3,4,6V53	1	1										
7A,B	5193551	ADAPTOR, 4,6,8V53			1	1	1	1		1	1	1	1	1
5.6012 - GASKET, RAW WATER PUMP ADAPTOR														
8A	5196513	GASKET, 2,3,4,6V53	1	1										
8B	5194567	GASKET, 4,6,8V53			1	1	1	1		1	1	1	1	1
5.6020 - HOUSING, RAW WATER PUMP IMPELLER														
8A,B	5196517	# BODY, 2,3,4,6V53	1	1										
8A,B	5195411	BODY, 4,6,8V53			1	1	1	1		1	1	1	1	
8A	5199017	BODY, 4-53							1					
8A,B	5199377	BODY, 2,3,4-53												1
8A,B	5193556	PLATE, WEAR 4,6,8V53			1	1	1	1		1	1	1	1	
8A	5195753	PLATE, WEAR 4-53							1					
	5197597	PIN, 3/16"X5/16" DOWEL (12.9290)			1	1	1	1		1	1	1	1	
	179816	BOLT, 5/16"-18X3/4" (12.9001)	3	3										
	186678	BOLT, 3/8"-16X1" (12.9001)			6	6	6	6		6	6	6	6	
	120382	LOCKWASHER, 3/8" (12.9200)	3	AR	6	6	6	AR		6	AR	6	6	
# NOT SERVICED; FOR REPLACEMENT USE 5199377 BODY, PLUS (1) 8920913 COVER, (1) 5199150 SEAL, AND (1) 5199378 SPACER SEAL.														

5.6000A RAW WATER PUMP

PART			TYPES											
..FIG ..	NUMBER ..	NAME AND DESCRIPTION ..	3 8	3 9	4 0	4 4	4 5	4 8	5 3	5 4	5 5	5 6	5 7	5 8
5.6025 - RECONDITIONING KIT, RAW WATER PUMP														
	5197225	RECONDITIONING KIT, 2,3,4,6V53	AR	AR				AR						
	5197224	RECONDITIONING KIT, 6,8V53			AR	AR	AR			AR	AR	AR	AR	AR
	5199850	RECONDITIONING KIT												
5.6035 - CAM, RAW WATER PUMP BODY OFFSET														
8A,B	5196695	CAM ASSY., 2,3,4,6V53 (INCLUDES WEAR PLATE)	1	1										1
8B	5193554	CAM, 6,8V53			1	1	1	1		1	1	1	1	
8A	5195899	CAM, 4-53							1					
8A,B	101076	SCREW, #10-32X1/2" FIL. HD. (12.9010)	1	1										1
	101088	SCREW, #12-24X3/8" (12.9001)							1					
8B	114366	SCREW, 1/4"-20X1/2" FIL. HD. (12.9010)			1	1	1	1		1	1	1	1	
5.6090 - COVER, RAW WATER PUMP														
8A,B	5196585	COVER, 2,3,4,6V53 (END)	1	1										
8A,B	5193555	COVER, 4,6,8V53 (END)			1	1	1	1		1	1	1	1	
8A	5199147	COVER, 4-53 (END)							1					
8A	8920913	COVER, 2,3,4-53 (END)												1
8A,B	101075	SCREW, #10-32X3/8" FIL. HD. (12.9010)	6	6					6					6
8B	114366	SCREW, 1/4"-20X1/2" FIL. HD. (12.9010)				5				5	5			
5.6100 - GASKET, RAW WATER PUMP COVER														
8A,B	5193562	GASKET, 4,6,8V53			1	1	1	1		1	1	1	1	
8A	5193603	GASKET, 3,4-53	1	1					1					1
5.6120 - SHAFT, RAW WATER PUMP														
8A,B	5196515	SHAFT, 2,3,4,6V53 (BRONZE)	1	1										1
8A,B	5197653	SHAFT, 2,3,4,6V53 (STAINLESS STEEL)	AR	AR										
8A,B	5193552	SHAFT, 4,6,8V53 (BRASS)			1			1		1	1			
8B	5198405	SHAFT, 6V53 (MONEL)				1	1					1	1	

5.6000A RAW WATER PUMP

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 8	3 9	4 0	4 4	4 5	4 8	5 3	5 4	5 5	5 6	5 7	5 8
		5.6120 - SHAFT, RAW WATER PUMP (CONT'D)												
	5199151	SHAFT, 4-53							1					
		5.6130 - BEARING, RAW WATER PUMP												
8A	954806	BEARING, 2,3,4,6V53 (N.D. 55504X1Z)	1	1					1					1
8B	954799	BEARING, 4,6,8V53 (N.D. 55506L1Z)			1	1	1	1		1	1	1	1	
		5.6140 - RING, RAW WATER PUMP BEARING RETAINER												
8A	9416358	RING, 2,3,4,6V53	1	1										1
8B	9415285	RING, 4,6,8V53 (LARGE) (2.7470)			1	1	1	1				1	1	
8B	5193569	RING, 4,6,8V53 (SMALL)			1	1	1	1		1	1	1	1	
	5199400	RING, 4-53							1					
	5199152	RING, 4-53							1					
		5.6160 - SEAL, RAW WATER PUMP BEARING												
8A	5195019	SEAL, 2,3,4,6V53	1	1					1					1
8B	5195101	SEAL, 4,6,8V53			1	1	1	1		1	1	1	1	
		5.6170 - SEAL, RAW WATER PUMP SHAFT												
8A	5193599	SEAL ASSY., 2,3,4,6V53	1	1										
8B	5198419	* SEAL ASSY., 4,6,8V53			1	1	1	1		1	1	1	1	
	5199150	SEAL, 3,4-53							1					1
		* INCLUDES ITEMS IN 5.6173 THRU 5.6178.												
		5.6173 - SEAT, RAW WATER PUMP SHAFT SEAL												
8A	5193597	SEAT, 2,3,4,6V53 (SPACER)	1	1										
	5193565	# SEAT, 6,8V53			1									
	5198420	# SEAT ASSY., 4,6,8V53			1	1	1	1		1	1	1	1	
		# NOT SERVICED, FOR COMPLETE REPLACEMENT USE 5198419.												
		5.6175 - RING, RAW WATER PUMP SHAFT SEAL FRICTION												
	5193564	SEAL, 6,8V53 (CARBON)			1	1	1	1		1	1	1	1	

5.6000A RAW WATER PUMP

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 8	3 9	4 0	4 4	4 5	4 8	5 3	5 4	5 5	5 6	5 7	5 8
5.6176 - RING, RAW WATER PUMP SHAFT SEAL														
8A	5193598	RING, 2,3,4,6V53 ("O" SECTION)	1	1										
	5193567	RING, 6,8V53 ("O" SECTION)			1	1	1	1		1	1	1	1	
	5193566	# RING, 6,8V53 (SQUARE SECTION)			1									
		# NOT SERVICED, FOR COMPLETE REPLACEMENT USE 5198419.												
5.6178 - SPRING, RAW WATER PUMP SHAFT SEAL														
	5193563	WASHER, 6,8V53 (MARCEL)			1	1	1	1		1	1	1	1	
5.6200 - SLINGER, RAW WATER PUMP SHAFT														
8A	5196512	SLINGER, 2,3,4,6V53	1	1										
8B	5193676	SLINGER, 6,8V53			1	1	1	1		1	1	1	1	
5.6220 - REPLACEMENT KIT, RAW WATER PUMP SEAL & IMPELLER														
		INCLUDES 5193553 OR 5193602 IMPELLER IN 5.6230, SEAL ASSY. IN 5.6170 GASKET IN 5.6100. KITS 5197227 AND 5194860 ALSO INCLUDE SCREWS IN 5.6090 AND SEAL RING IN 5.6176.												
	5197227	REPLACEMENT KIT, 2,3,4,6V53	AR	AR										
	5194860	REPLACEMENT KIT, 6,8V53			AR	AR	AR	AR		AR	AR	AR	AR	
	5199851	REPLACEMENT KIT, 2,3,4-53												AR
5.6230 - IMPELLER, RAW WATER PUMP														
		PUMPS INCLUDE SYNTHETIC RUBBER IMPELLER. FOR COLD WATER OPERATION A NATURAL RUBBER IMPELLER IS AVAILABLE.												
8A	5193602	IMPELLER, 2,3,4,6V53 (SYNTHETIC)	1	1					1					1
8A	5196629	IMPELLER 2,3,4,6,8V53 (NATURAL) (GREEN STRIPE)	AR	AR										
8B	5193553	IMPELLER, 6,8V53 (SYNTHETIC)			1	1	1	1		1	1	1	1	
8B	5196628	IMPELLER, 6,8V53 (NATURAL) (GREEN STRIPE)			AR	AR	AR	AR				AR	AR	
5.6320 - GEAR, RAW WATER PUMP DRIVE														
8A	5193576	GEAR, 2,3,4,6,8V53	1	1						1	1			1
	120051	KEY, 5/32"x7/8" WOODRUFF (12.9350)			1									
	5161024	KEY, 5/32"x7/8" WOODRUFF (5.6230)				1	1	1		1	1	1	1	

5.6000A RAW WATER PUMP

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES											
			3 8	3 9	4 0	4 4	4 5	4 8	5 3	5 4	5 5	5 6	5 7	5 8
		5.6320 - GEAR, RAW WATER PUMP DRIVE (CONT'D)												
8B	103325	LOCKWASHER, 5/8" (12.9200)			1	1	1	1		1	1	1	1	
8B	122366	NUT, 5/8"-18 (12.9120)			1	1	1	1		1	1	1	1	
		5.6350 - GASKET, RAW WATER PUMP												
	5104506	GASKET, 2,3,4,6V53 (1.5040)	1	1										
		* FIG. 8A OF 1.0000.												
		5.6380 - BRACKET, RAW WATER PUMP MOUNTING												
	5144165	BRACKET, 4-53							1					
	5144167	BRACKET, 4-53							1					
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)							3					
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)							2					
	186283	BOLT, 3/8"-16X3 1/2" (12.9001)							1					
	193221	BOLT, 7/16"-14X1 1/4" (12.9001)							1					
	5150230	WASHER, 3/8"X1 3/16" (3.4120)							2					
	103321	LOCKWASHER, 3/8" (12.9200)							5					
	103322	LOCKWASHER, 7/16" (12.9200)							1					
	102635	NUT, 3/8"-16 (12.9120)							2					
		5.6410 - PLATE, RAW WATER PUMP DRIVE												
8A,B	5153449	* @ PLATE, 2,3,4,6V53 (21 TEETH) (1.7630)	1	1	1									
8A,B	5170450	PLATE, 2,3,4,6V71								1	1	1	1	1
8A,B	5131627	# DISC, 2,3,4,6,8V53 (21 TEETH)	1	1	1	1	1	1						
8B	5176474	BOLT (1.7630)	4		4	4	4					4	4	
	5145092	BOLT, 3/8"-24X1.20" (12.5015)								4				
	5145091	BOLT, 3/8"-24X1.38" (12.5015)	4	3				3			3			3
	103321	LOCKWASHER, 3/8" (12.9200)	4		4									
	9413533	NUT, 3/8"-24 SELF-LOCKING (12.9120)		1				1			1			1
	5145431	NUT, 3/8"-24 JAM (12.4037)									1			1
		* THRU 2D-16010, 3D-13731, 4D-17088, 6D-7119.												
		@ NOT SERVICED, USE 5131627 AND INCLUDE (1) 5143616 COUPLING.												
		# EFFECTIVE WITH 2D-16011, 3D-13732, 4D-17089, 6D-7120.												
		5.6413 - RETAINER, CAM OR BALANCER GEAR												
8A	5122922	RETAINER (1.7207)	1	1	1			1						
	5122923	STUD (1.7633)		1				1						
	5108836	STUD (1.7631)									1			1

5.6000A RAW WATER PUMP

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	3 8	3 9	4 0	4 4	4 5	4 8	5 3	5 4	5 5	5 6	5 7	5 8
		5.6413 - RETAINER, CAM OR BALANCER GEAR (CONT'D)												
	124925	NUT, 3/8"-24 (12.9120)		1				1		1				
		5.6420 - COUPLING, RAW WATER PUMP DRIVE												
8A,B	3292492	* COUPLING, 2,3,4,6V53 (EXTERNAL GEAR, 23 TEETH) (1.7635)	1	1	1									
8A,B	5143616	# COUPLING (EXTERNAL GEAR, 21 TEETH) (1.7635)	1	1	1	1	1	1		1	1	1	1	1
		* NOT SERVICED; USE 5143616 AND INCLUDE (1) 5131627 PLATE.												
		# EFFECTIVE WITH 2D-16011, 3D-13732, 4D-17089, 6D-7120.												
		5.6500 - CONNECTION, RAW WATER PUMP INLET												
	5114776	ELBOW, 4,6V53 (5.5377)				1		1		1	1	1		
	5109936	ELBOW, 6V53 (5.5377)					1						1	
	5128086	ELBOW, 2,4-53 (5.5377)												1
	8517473	ELECTRODE ASSY., 2,3,4-53 (1 1/4" ELECTRODE) (5.5010)												1
	8515841	ELECTRODE ASSY., 4,6,8V71 (INCLUDES 2 1/8" ELECTRODE) (5.5010)			1	1	1	1		1	1	1	1	
	113177	PLUG, 3/4" PIPE BRASS (12.9550)				1		1		1	1	1		
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)												2
	179839	BOLT, 3/8"-16X1" (12.9001)					2						2	
	179847	BOLT, 3/8"-16X2" (12.9001)				2		2		2	2	2		
	103320	LOCKWASHER, 5/16" (12.9200)												2
	103321	LOCKWASHER, 3/8" (12.9200)				2	2	2		2	2	2	2	
		5.6510 - GASKET, RAW WATER PUMP INLET CONNECTION												
	5115395	GASKET, 4,6V53 (5.5410)				1	1	1		1	1	1	1	
		5.6600 - CONE, RAW WATER PUMP CLUTCH												
	5199401	CONE, 4-53							1					

5.6000A RAW WATER PUMP

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		3 8	3 9	4 0	4 4	4 5	4 8	5 3	5 4	5 5	5 6	5 7	5 8
	5.6610 - SHIELD, RAW WATER PUMP CLUTCH												
	5199402 SHIELD, 4-53							1					
	5199410 SPRING, 4-53							1					
	5.6620 - PIN, RAW WATER PUMP BALL												
	455972 PIN, 3/16"X1 3/8" ROLL							1					
	455481 PIN, 3/16"X1" ROLL							1					
	5.6630 - KNOB, RAW WATER PUMP HANDLE												
	5199404 KNOB, PUMP HANDLE 4-53							1					
	5.6640 - HANDLE, RAW WATER PUMP CLUTCH												
	5199405 HANDLE, 4-53							1					
	5.6650 - PLUG, RAW WATER PUMP TUBE												
	5199407 PLUG							1					
	5.6660 - SPRING, RAW WATER PUMP GUIDE TUBE												
	5199406 SPRING, GUIDE 4-53							1					
	5.6670 - TUBE, RAW WATER PUMP GUIDE												
	5199409 TUBE, GUIDE 4-53							1					

5.6000A RAW WATER PUMP

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES																	
			5 9	6 0	6 1	7 4	8 5	8 6	8 9											
5.6001 - PUMP ASSY., RAW WATER																				
A PUMP ASSY. INCLUDES ITEMS IN 5.6010 THRU 5.6320 EXCEPT 5.6220.																				
7A,B	5115396	PUMP ASSY., 4,6,8V53				1														
7A,B	5145578	PUMP ASSY., 2,3,4,6V53	1	1	1		1													
7A	5144197	PUMP ASSY., 3-53						1												
7B	5107480	PUMP ASSY., 6,8V53							1											
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)					4													
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)	4	4	4	4			4											
	454933	BOLT, 7/16"-14X1 1/8" (12.9001)	1	1	1		1													
	193221	BOLT, 7/16"-14X1 1/4" (12.9001)				1			1											
5.6010 - HOUSING, RAW WATER PUMP DRIVE																				
7A,B	5108174	ADAPTOR, 2,3,4,6V53	1	1	1		1													
7A,B	5193551	ADAPTOR, 4,6,8V53				1			1											
5.6012 - GASKET, RAW WATER PUMP ADAPTOR																				
8A,B	5196513	GASKET, 2,3,4,6V53	1	1	1		1													
8A,B	5194567	GASKET, 4,6,8V53				1			1											
5.6020 - HOUSING, RAW WATER PUMP IMPELLER																				
8A	5199017	BODY, 3-53							1											
8A,B	5195411	BODY, 2,3,4,6V53				1				1										
8A,B	5199377	BODY, 4,6,8V53	1	1	1		1													
8A	5193556	PLATE, WEAR 4-53				1				1										
8A	5195753	PLATE, WEAR 3-53							1											
	5197597	PIN, 3/16"X5/16" DOWEL				1				1										
	5195752	PIN, DOWEL (5.6010)							1											
	186678	BOLT, 3/8"-16X1" (12.9001)				6				6										
	120382	LOCKWASHER, 3/8" (12.9200)				6				6										
5.6025 - RECONDITIONING KIT, RAW WATER PUMP																				
	5197224	RECONDITIONING KIT, 6,8V53	AR	AR	AR	AR	AR	AR	AR											
	5199850	RECONDITIONING KIT, 2,3,4-53																		
5.6035 - CAM, RAW WATER PUMP BODY OFFSET																				
8A,B	5196695	CAM ASSY., 2,3,4,6V53 (INCLUDES WEAR PLATE)	1	1			1													
8B	5193554	CAM, 6,8V53				1			1											
8A	5195899	CAM, 3-53							1											
8A	101076	SCREW, #10-32X1/2" FIL. HD. (12.9010)	1	1	1		1													
	101088	SCREW, #12-24 X 3/8" FIL. HD. (12.9010)							1											
5.6090 - COVER, RAW WATER PUMP																				
8A,B	5193555	COVER, 4,6,8V53 (END)				1			1											
8A	8920913	COVER, 2,3,4-53 (END)	1	1	1		1													
8A	5199147	COVER, 3-53							1											
8A	101075	SCREW, #10-32 X 3/8" FIL. HD. (12.9010)	6	6	6		6		6											

5.6000A RAW WATER PUMP

PART			TYPES						
FIG	NUMBER	NAME AND DESCRIPTION	5 9	6 0	6 1	7 4	8 5	8 6	8 9
		5.6090 - COVER, RAW WATER PUMP (CONT'D)							
8B	114366	SCREW, 1/4"-20X1/2" FIL. HD. (12.9010)				5		6	
		5.6100 - GASKET, RAW WATER PUMP COVER							
8A,B	5193562	GASKET, 4,6,8V53				1		1	
8A,B	5193603	GASKET, 3,4,6V53	1	1	1		1	1	
		5.6120 - SHAFT, RAW WATER PUMP							
8A,B	5196515	SHAFT, 2,3,4,6V53 (BRONZE)	1	1	1		1		
8A,B	5193552	SHAFT, 4,6,8V53 (BRASS)				1		1	
	5199151	SHAFT, 3-53						1	
		5.6130 - BEARING, RAW WATER PUMP							
8A,B	954806	BEARING, 2,3,4,6V53 (N.D. 55504X1Z)	1	1	1		1	1	
8A,B	954799	BEARING, 4,6,8V53 (N.D. 55506L1Z)				1		1	
		5.6140 - RING, RAW WATER PUMP BEARING RETAINER							
8A,B	9416358	RING, 2,3,4,6V53	1	1	1		1		
8A,B	5193569	RING, 4,6,8V53 (SMALL)				1		1	
	5199400	RING, 3-53						1	
	5199152	RING, 3-53						1	
		5.6160 - SEAL, RAW WATER PUMP BEARING							
8A	5195019	SEAL, 2,3,4,6V53	1	1	1		1	1	
8B	5195101	SEAL, 4,6,8V53				1		1	
		5.6170 - SEAL, RAW WATER PUMP SHAFT							
8B	5198419	* SEAL ASSY., 4,6,8V53				1		1	
	5199150	SEAL, 3,4,6V53	1	1	1		1	1	
	5199378	SPACER, SEAL 2,3,4,6V-53	1	1	1		1		
		* INCLUDES ITEMS IN 5.6173 THRU 5.6178.							
		5.6173 - SEAT, RAW WATER PUMP SHAFT SEAL							
	5198420	SEAT ASSY., 4,6,8V53				1		1	

5.6000A RAW WATER PUMP

PART		TYPES															
..FIG	NUMBER	NAME AND DESCRIPTION	5 9	6 0	6 1	7 4	8 5	8 6	8 9								
		5.6175 - RING, RAW WATER PUMP SHAFT SEAL FRICTION															
	5193564	SEAL, 6,8V53 (CARBON)				1			1								
		5.6176 - RING, RAW WATER PUMP SHAFT SEAL															
	5193567	RING, 6,8V53 ("O" SECTION)				1			1								
		5.6178 - SPRING, RAW WATER PUMP SHAFT SEAL															
	5193563	WASHER, 6,8V53 (MARCEL)				1			1								
	5193667	WASHER (W/PUMP SHADT)							1								
		5.6200 - SLINGER, RAW WATER PUMP SHAFT															
8B	5193676	SLINGER, 6,8V53				1			1								
		5.6220 - REPLACEMENT KIT, RAW WATER PUMP SEAL AND IMPELLER															
		INCLUDES 5193553 OR 5193602 IMPELLER IN 5.6230, SEAL ASSY. IN 5.6170, AND GASKET IN 5.6100. KITS 5197227 AND 5194860 ALSO INCLUDE SCREWS IN 5.6090 AND SEAL RING IN 5.6176.															
	5194860	REPLACEMENT KIT, 6,8V53				AR			AR								
	5199851	REPLACEMENT KIT, 2,3,4-53	AR	AR	AR		AR	AR	AR								
		5.6230 - IMPELLER, RAW WATER PUMP															
		PUMPS INCLUDE SYNTHETIC RUBBER IMPELLER. FOR COLD WATER OPERATION A NATURAL RUBBER IMPELLER IS AVAILABLE.															
8A	5193602	IMPELLER, 2,3,4,6V53 (SYNTHETIC)	1	1	1		1	1	1								
8B	5193553	IMPELLER, 6,8V53 (SYNTHETIC)				1			1								
		5.6320 - GEAR, RAW WATER PUMP DRIVE															
8A	5193576	GEAR, 2,3,4,6,8V53	1	1	1		1		1								
	5161024	KEY, 5/32"X7/8" WOODRUFF (5.6230)				1			1								
8B	103325	LOCKWASHER, 5/8" (12.9200)				1			1								
8B	122366	NUT, 5/8"-18 (12.9120)				1			1								

5.6000A RAW WATER PUMP

PART		TYPES									
..FIG ..	NUMBER	NAME AND DESCRIPTION	5 9	6 0	6 1	7 4	8 5	8 6	8 9		
		5.6350 - GASKET, RAW WATER PUMP									
	5122648	GASKET, 2,3,4-53 (1.5040)	1	1	1		1				
		5.6410 - PLATE, RAW WATER PUMP DRIVE									
8A,B	5170450	PLATE, 2,3,4,6V53	1	1	1	1	1		1		
	5145092	BOLT, 3/8"-24X1.20" (12.5015)				4	4		4		
	5145091	BOLT, 3/8"-24X1.38" (12.5015)	4	3	4						
	9413533	NUT, 3/8"-24 SELF-LOCKING (12.9120)		1							
	5145431	NUT, 3/8"-24 JAM (12.4037)		1							
		5.6413 - RETAINER, CAM OR BLANCER GEAR									
	5108836	STUD, 3/8"-24X1 3/4" (12.5015)		1							
		5.6420 - COUPLING, RAW WATER PUMP DRIVE									
8A,B	5143616	# COUPLING (EXTERNAL GEAR, 21 TEETH) (1.7635)	1	1	1	1	1		1		
		# EFFECTIVE WITH 2D-16011, 3D-13732, 4D-17089, 6D-7120.									
		5.6450 - SPACER, RAW WATER PUMP DRIVE									
	5140814	SPACER (12.5015)	1		1						
		5.6500 - CONNECTION, RAW WATER PUMP INLET AT GEAR BOX									
	5109936	ELBOW, 6V53 (5.5377)				1					
	5128086	ELBOW, 2,4-53 (5.5377)	1								
	5121043	ELBOW, 3,4,6V53 (5.5377)		1	1		1				
	5114776	ELBOW, 6,8V53 (5.5377)							1		
	8517473	ELECTRODE ASSY., 2,3,4,6V53 (1 1/4" ELECTRODE) (5.5010)	1	1	1		1				
	8515841	ELECTRODE ASSY., 4,6,8V53 (INCLUDES 2 1/8" ELECTRODE) (5.5010)				1			1		
	113177	PLUG, 3/4" PIPE (12.9550)							1		
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)	2								
	179830	BOLT, 5/16"-18X3" (12.9001)		2	2		2				
	179839	BOLT, 3/8"-16X1" (12.9001)				2					
	179847	BOLT, 3/8"-16X2" (12.9001)							2		
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2		2				
	103321	LOCKWASHER, 3/8" (12.9200)				2			2		
		5.6510 - GASKET, RAW WATER PUMP INLET CONNECTION									
	5115395	GASKET (5.5410)				1					

5.6000A RAW WATER PUMP

..FIG ..	PART NUMBER	NAME AND DESCRIPTION	TYPES									
			5 9	6 0	6 1	7 4	8 5	8 6	8 9			
		5.6600 - CONE, RAW WATER PUMP CLUTCH										
	5199401	CONE, 3-53						1				
		5.6610 - SHIELD, RAW WATER PUMP CLUTCH										
	5199402	SHIELD, 3-53						1				
		5.6620 - PIN, RAW WATER PUMP ROLL										
	455972	PIN, 3/16" X 1 3/8" ROLL						1				
	455481	PIN, 3/16" X 1" ROLL						1				
		5.6630 - KNOB, RAW WATER PUMP HANDLE										
	5199404	KNOB, PUMP HANDLE 3-53						1				
		5.6640 - HANDLE, RAW WATER PUMP CLUTCH										
	5199405	HANDLE, 3-53						1				
		5.6650 - PLUG, RAW WATER PUMP TUBE										
	5199407	PLUG						1				
		5.6660 - SPRING, RAW WATER PUMP GUIDE TUBE										
	5199406	SPRING, GUIDE 3-53						1				
		5.6670 - TUBE, RAW WATER PUMP GUIDE										
	5199409	TUBE, GUIDE 3-53						1				
		5.6680 - SPRING, RAW WATER PUMP HANDLE										
	5199410	SPRING						1				

5.7000A WATER FILTER

PART			TYPES											
..FIG ..	NUMBER ..	NAME AND DESCRIPTION ..	1 2	1 5	1 7	1 8	1 9	2 0	2 1	2 2	2 3	2 5	2 6	2 8
5.7001 - FILTER ASSY., WATER														
A FILTER ASSY. INCLUDES ITEMS IN 5.7013 THRU 5.7045.														
9A,B	2338846	FILTER ASSY. (PERRY)	1				1	1	1	1	1	1	1	1
9A,B	5188110	FILTER ASSY.		1	1	1							1	
	186629	BOLT, 5/16"-18X1" (12.9001)		2										
	186654	BOLT, 5/16"-24X1 1/8" (12.9001)	2		2	2	2	2	2	2	2	2	2	
	120393	WASHER, 5/16" (12.9190)	2		2	2	2	2	2	2	2	2	2	
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2	2	2	2	
	114493	NUT, 5/16"-24 (12.9120)	2		2	2	2	2	2	2	2	2	2	
5.7013 - BODY, WATER FILTER														
9A	5194628	BODY	1				1	1	1	1	1	1		1
9A	9033035	BODY		1	1	1							1	
9A	112578	PLUG, 1/4" PIPE BRASS (12.9550)	1				1	1	1	1	1	1		1
	5145014	PLUG, 3/8" PIPE BRASS (12.9550)		1	1	1							1	
5.7020 - ELEMENT, WATER FILTER														
INCLUDES GASKET IN 5.7035.														
9A	5199379	ELEMENT (4" DIA. X 3 3/16" L.)	1				1	1	1	1	1	1		1
9A	5199322	ELEMENT (4 7/8" DIA. X 3 3/16" L.)		1	1	1							1	
5.7023 - PLATE, WATER FILTER SUMP														
9A	5194613	PLATE	1				1	1	1	1	1	1		1
9A	5199601	PLATE		1	1	1							1	
5.7026 - SPRING, WATER FILTER														
9A	5194625	SPRING		1	1	1						1		
9A	2293485	SPRING	1				1	1	1	1	1	1		1
5.7034 - COVER, WATER FILTER														
9A	5194615	COVER	1				1	1	1	1	1	1		1
9A	2453224	COVER		1	1	1							1	
	5145014	PLUG, 3/8" SQ. HD. (12.9550)	1	1	1	1	1	1	1	1	1	1	1	1
9A	2293482	BOLT ASSY. (WITH WASHER)	2	2	2	2	2	2	2	2	2	2	2	2
5.7035 - GASKET, WATER FILTER COVER														
9A	5197437	GASKET	1				1	1	1	1	1	1		1
9A	5197436	GASKET		1	1	1							1	

53 M P C E N G I N E S

DETROIT DIESEL

5.7000A WATER FILTER

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	1 2	1 5	1 7	1 8	1 9	2 0	2 1	2 2	2 3	2 5	2 6	2 8
5.7043 - PLATE, WATER FILTER UPPER														
9A	2293823	PLATE	1				1	1	1	1	1	1		1
9A	2293483	PLATE		1	1	1							1	
5.7045 - PLATE, WATER FILTER LOWER														
9A	5199600	PLATE (ALUM.)	1				1	1	1	1	1	1		1
9A	5199601	PLATE (ALUM.)		1	1	1							1	
5.7080 - BRACKET, WATER FILTER MOUNTING														
9B	5126886	BRACKET	1		1									
9B	5109181	BRACKET				2					2		2	
9B	5128526	BRACKET (REAR)					1	1						
9B	5128527	BRACKET (FRONT)					1	1						
9B	5128831	* BRACKET							1					
9B	5108465	@ BRACKET							1					
9B	5128832	+ BRACKET								1				
9B	5108466	+ BRACKET								1				
9B	5109181	BRACKET										1		
	5175705	SPACER (8.3826)	2		2									
	5113488	SPACER (2.9410)							2	2				
	179822	BOLT, 5/16"-18X1 1/2" (12.9001)				4					4	2	4	
	179827	BOLT, 5/16"-18X2 1/4" (12.9001)										2		
	446597	BOLT, 5/16"-18X6 1/2" (12.9001)										2		
	179847	BOLT, 3/8"-16X2" (12.9001)	2		2							2		
	186283	BOLT, 5/8"-16X3 1/2" (12.9001)					2	2						
	103321	LOCKWASHER, 3/8" (12.9200)	AR		AR									
		* THRU 4D-4841 NOT SERVICED; USE ITEMS MARKED @.												
		@ EFFECTIVE WITH 4D-4842.												
		+ OBSOLETE.												
5.7090 - HOSE, WATER FILTER INLET														
9B	5135293	* HOSE, 12 1/2" L X 5/8" I.D. (2.5060)	1		1		1	1						
9B	5135293	* HOSE, 30 1/2" L X 5/8" I.D. (2.5060)		1										
9B	5135293	* HOSE, 22" L X 5/8" I.D. (2.5060)				1					1			
9B	5135293	* HOSE, 11 1/2" L X 5/8" I.D. (2.5060)							1	1				
9B	5135293	* HOSE, 15" L X 5/8" I.D. (2.5060)							1	1				
9B	5189496	HOSE (#10X36"L)											1	1
9B	3116561	VALVE, SHUTOFF (5.7100)	1	1	1	1	1	1	1	1	1	1	1	1
	116332	BUSHING, 3/8"X1/4" RED. (12.9570)				1					1			1
	142269	BUSHING, 1/2"X3/8" RED. (12.9570)												1
	9432245	ELBOW, 5/16"-90 DEG. INV. FL. TUBE, 1/4" P.T. (12.9480)				1					1			

5.7000A WATER FILTER

PART		TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION											
5.7090 - HOSE, WATER FILTER INLET (CONT'D)													
111316	ELBOW, 3/8"-90 DEG. STREET (12.9590)				1			1	1	1	1	1	
144128	ELBOW, 3/8" PIPE 90 DEG. (12.9600)												1
3133153	CONNECTOR, 3/8" HOSE (12.4085)	1	1	1	1	1	1	1	1	1	1	1	
9139801	CLAMP, 9/16"-1 1/16" DIA. HOSE (12.9860)	2	2	2	2	2	2	2	2	2	2	2	
5115097	COVER (AT CYLINDER BLOCK) (1.1060)	1		1	1	1	1			1	1	1	
5155464	BRACKET, CLIP (7.1582)										1	1	
5165244	CLIP (4.8040)										1	1	
103647	DRAINCOCK, 1/4" (12.9510)												1
121207	NIPPLE, 3/8"x1" PIPE (12.9580)		1										1
120280	TEE, 3/8" PIPE (12.9616)		1										
179816	BOLT, 5/16"-18X3/4" (12.9001)	2		2	2	2	2			2	2	2	
181333	BOLT, 5/16"-24X5/8" (12.9001)										1	1	
103320	LOCKWASHER, 5/16" (12.9200)	2		2		AR	2				AR	AR	
114493	NUT, 5/16"-24 (12.9120)										1	1	
* STD. LENGTH HOSE: CUT TO LENGTH SHOWN.													
5.7100 - HOSE, WATER FILTER OUTLET													
98	5129867 * HOSE, #4 X 10 1/2" L (7.4075)	1		1		1							
98	5129867 * HOSE, #4 X 30" L (7.4075)		1					1	1				
98	5129867 * HOSE, #4 X 16" L (7.4075)				1					1			
98	5129867 * HOSE, #4 X 8" L (7.4075)						1						
98	5129867 @ * HOSE, #4 X 28 3/4" L (7.4075)							1	1				
98	5129867 * HOSE, #4 X 35" L (7.4075)										1	1	
190367	ELBOW, 1/4"-90 DEG. STREET (12.9590)			1				1	1				
444042	ELBOW, 3/8"-90 DEG. STREET (12.9590)										1	1	
116332	BUSHING, 3/8"x1/4" RED. (12.9570)	1	1	1		1	1	1	1		1	1	
144045	BUSHING, 1/2"x1/4" PIPE RED. (12.9570)			1									
5186740	TEE (4.3001)							1	1				
1595838	VALVE (1/4"P.T. SHUTOFF) (4.7001)	1	1	1	1	1	1	1	1	1	1	1	
5189292	FITTING, 1/4"-18 HOSE	1	1	1		1	1	1	1		1	1	
5189294	FITTING, 1/2"-20 HOSE	1	1	1	2	1	1	1	1	2	1	1	
5151108	CLIP (12.4095)							1	1				
140571	CLIP (12.9630)										1	1	
@ THRU 4D-4841.													
* STD. LENGTH HOSE, CUT TO LENGTH SHOWN.													

5.7000A WATER FILTER

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES																	
			3 0			3 3			4 0											
				3 2			3 4			4 1										
		5.7001 - FILTER ASSY., WATER																		
		A FILTER ASSY. INCLUDES ITEMS IN 5.7013 THRU 5.7045.																		
9A,B	2338846	FILTER ASSY. (PERRY)	1	1				1	1											
9A,B	5188110	FILTER ASSY.					1													
	100014	BOLT, 5/16"-24X1" (12.9001)	2				2													
	186506	BOLT, 5/16"-24X1 1/4" (12.9001)						2	2											
	103320	LOCKWASHER, 5/16" (12.9200)	2				2	2	2	2										
	114493	NUT, 5/16"-24 (12.9120)	2				2	2	2	2										
		5.7013 - BODY, WATER FILTER																		
9A	5194628	BODY	1	1				1	1											
9A	9033035	BODY					1													
	118536	DRAINCOCK, 3/8" (12.9510)						1	1	1										
9A	112578	PLUG, 1/4" PIPE BRASS (12.9550)		1				1	1	1										
	112304	PLUG, 3/8" PIPE BRASS (12.9550)	1				1													
		5.7020 - ELEMENT, WATER FILTER																		
		INCLUDES GASKET IN 5.7035.																		
9A	5199379	ELEMENT (4" DIA. X 3 3/16" L.)	1	1				1	1											
9A	5199322	ELEMENT (4 7/8" DIA. X 3 3/16" L.)					1													
		5.7023 - PLATE, WATER FILTER SUMP																		
9A	5194613	PLATE	1	1				1	1											
9A	5199601	PLATE					1													
		5.7026 - SPRING, WATER FILTER																		
9A	2293485	SPRING	1					1	1											
		5.7034 - COVER, WATER FILTER																		
9A	5194615	COVER	1	1				1	1											
9A	2453224	COVER					1													
9A	2293482	BOLT ASSY. (WITH WASHER)	2	2			2	2	2											
		5.7035 - GASKET, WATER FILTER COVER																		
9A	5197437	GASKET	1	1				1	1											
9A	5197436	GASKET					1													

5.7000A WATER FILTER

PART			TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	30	32	33	34	40	41				
5.7043 - PLATE, WATER FILTER UPPER												
9A	2293823	PLATE	1	1			1	1				
9A	2293483	PLATE				1						
5.7045 - PLATE, WATER FILTER LOWER												
9A	5199800	PLATE (ALUM.)	1	1			1	1				
9A	5199801	PLATE (ALUM.)				1						
5.7080 - BRACKET, WATER FILTER MOUNTING												
9B	5139139	BRACKET	1			1						
9B	5139183	BRACKET			1							
	5147342	BRACKET					1	1				
	186629	BOLT, 5/16"-18X1" (12.9001)	3			3						
	179838	BOLT, 3/8"-16X7/8" (12.9001)			1							
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)			2							
	186725	BOLT, 1/2"-13X1 1/2" (12.9001)					2	2				
	103321	LOCKWASHER, 3/8" (12.9200)			3							
	103323	LOCKWASHER, 1/2" (12.9200)					2	2				
5.7081 - GASKET, WATER FILTER MOUNTING BRACKET												
	5125837	GASKET (7.1595)			1							
	5175882	GASKET (4.4115)			1							
5.7090 - HOSE, WATER FILTER INLET												
9B	5189496	HOSE, #10X36" L.	1	1		1						
9B	5123318	HOSE, 47" LX13/32" I.D. (4.4330)		1								
	5147568	HOSE, #6X10" L.					1	1				
	5147569	HOSE, #6X11 1/2" L. (4.4329)					1					
9B	3116561	VALVE, SHUTOFF (5.7100)	1			1						
	5169649	VALVE, SHUTOFF (2.5006)					1					
	116332	BUSHING, 3/8"X1/4" RED. (12.9570)					1	1				
	111316	ELBOW, 3/8"-90 DEG. STREET (12.9590)	1	1		1						
	144128	ELBOW, 3/8" PIPE 90 DEG. (12.9600)					1					
	8924217	ELBOW, 3/8" TUBE 90 DEG. (12.9480)					1	1				
	3133153	CONNECTOR, 3/8" HOSE (12.4085)	1	1		1						
	9139801	CLAMP, 9/16"-1 1/16" DIA. HOSE (12.9660)	2	2		2						
	5115097	COVER (AT CYLINDER BLOCK) (1.1060)	1	1		1						
	5155464	BRACKET, CLIP (7.1582)	1			1						
	5165244	CLIP (4.8040)	1			1						

5.7000A WATER FILTER

PART		TYPES									
..FIG ..	NUMBER	NAME AND DESCRIPTION	3 0	3 2	3 3	3 4	4 0	4 1			
		5.7090 - HOSE, WATER FILTER INLET (CONT'D)									
	121207	NIPPLE, 3/8"x1" PIPE (12.9560)					1				
	8924177	TEE, 3/8"-18 (12.9616)					1				
	179816	BOLT, 5/16"-18X3/4" (12.9001)	2	2		2					
	181333	BOLT, 5/16"-24X5/8" (12.9001)	1			1					
	103320	LOCKWASHER, 5/16" (12.9200)	AR			AR					
	120376	NUT, 5/16"-18 (12.9120)	1			1					
		5.7100 - HOSE, WATER FILTER OUTLET									
9B	5129867	* HOSE, #4X35" L. (7.4075)	1			1					
	5129867	* HOSE, #4X45 1/4" L. (7.4075)		1							
	5147572	HOSE, #6X7 1/2" L. (2.5149)					1	1			
	5122663	ELBOW (5.3430)						1			
	8924175	ELBOW, 3/8"-90 DEG. STREET (12.9590)	1			1					
	8924217	ELBOW, 3/8" TUBE 90 DEG. (12.9480)					1	1			
	116332	BUSHING, 3/8"x1/4" RED. (12.9570)	1	1		1	1	1			
	5186740	TEE (4.3001)		1							
	1595836	VALVE (1/4"P.T. SHUTOFF) (4.7001)	1	1		1					
	5169649	VALVE, SHUTOFF (2.5006)					1	1			
	5189292	FITTING, 1/4"-18 HOSE	1	1		1					
	5189294	FITTING, 1/2"-20 HOSE	1	1		1					
	140571	CLIP, 1/2" TUBE 5/16" BOLT HOLE (12.9630)	1			1					
		* STD. LENGTH HOSE, CUT TO LENGTH SHOWN.									

GROUP NOMENCLATURE

1.0000	ENGINE (less major assemblies)	5.0000	COOLING SYSTEM (CONT'D)
1.1000	Cylinder Block	5.3000B	Water Connections
1.1000A	Air Box Drains	5.4000A	Fan
1.2000	Cylinder Head	5.4000B	Fan Shroud
1.2000A	Engine Lifter Bracket	5.5000A	Heat Exchanger or Keel Cooling
1.3000	Crankshaft, Oil Seals and Stabilizers	5.6000A	Raw Water Pump
1.3000A	Crankshaft Front Cover	5.7000A	Water Filter
1.3000B	Vibration Damper		
1.3000C	Crankshaft Pulley	6.0000	EXHAUST SYSTEM
1.3000D	Crankshaft Pulley Belt	6.1000A	Exhaust Manifold and/or Connections
1.4000A	Flywheel	6.2000A	Exhaust Muffler and/or Connections
1.5000A	Flywheel Housing		
1.5000B	Flywheel Housing Adaptor	7.0000	ELECTRICAL INSTRUMENTS
1.6000	Connecting Rod and Piston	7.1000A	Battery Charging Generator
1.7000	Camshaft and Gear Train	7.2000A	Battery Cables
1.7000A	Balance Weight Cover	7.2000B	Automatic Starting
1.7000B	Accessory Drive	7.2000B	Automatic Starting (Twin and Quad)
1.8000	Valve Injector Operating Mechanism	7.3000A	Starting Motor
1.8000A	Rocker Cover	7.4000A	Instruments
		7.4000A	Instruments (Twin and Quad)
2.0000	FUEL SYSTEM	7.4000B	Tachometer Drive
2.1000A	Fuel Injector	7.4000B	Tachometer Drive (Twin and Quad)
2.1000B	Electronic Injector Controls	7.4000C	Shutoff, Alarm and O.S. Governor
2.2000	Fuel Pump	7.4000C	Shutoff, Alarm and O.S. Governor (Twin and Quad)
2.2000A	Fuel Pump Drain	7.5000A	Power Generator
2.3000A	Fuel Filter and Strainer	7.6000A	Control Cabinet
2.3000A	Fuel Filter and Strainer (Twin and Quad)	7.6000A	Control Cabinet (Twin and Quad)
2.4000	Fuel Manifold and/or Connections	7.7000A	Wiring Harness
2.4000A	Dual Fuel System	7.8000A	Air Heater
2.5000A	Fuel Lines and Fuel Cooler	7.8000A	Air Heater (Twin and Quad)
2.5000A	Fuel Lines and Fuel Cooler (Twin and Quad)	7.10000A	Hydraulic Governor Solenoid
2.6000A	Fuel Tank		
2.6000B	Electric Governor	8.0000	POWER TAKE-OFF
2.7000A	Mechanical Governor	8.1000A	Power Take-off and/or Clutch
2.8000A	Hydraulic Governor	8.1000A	Power Take-off and/or Clutch (Twin and Quad)
2.9000	Injector Controls	8.3000A	Torque Converter
2.9000	Injector Controls (Twin and Quad)	8.3000A	Torque Converter (Twin and Quad)
2.9000A	Throttle Controls	8.3000B	Transmission Lines
2.9000A	Throttle Controls (Twin and Quad)		
3.0000	AIR SYSTEM	9.0000	TRANSMISSION AND PROPULSION
3.1000A	Air Cleaner and/or Adaptor	9.1000A	Hydraulic Marine Gear
3.2000A	Air Silencer	9.1000A	Hydraulic Marine Gear (Twin and Quad)
3.3000A	Air Inlet Housing	9.2000A	Reverse and Reduction Gear (mechanical)
3.3000C	Air Intake Manifold	9.3000A	Power Transfer Gear
3.4000	Blower and Drive	9.3000A	Power Transfer Gear (Twin and Quad)
3.4000A	Blower Drive Shaft	9.4000	Transmission—Highway
3.4000B	Blower End Plate Cover	9.7000	Transmission—Off-highway
3.5000A	Turbocharger, Intercooler, and Aftercooler	9.9000	Transmission—Rail Car
4.0000	LUBRICATING SYSTEM	10.0000	SHEET METAL
4.1000A	Oil Pump	10.1000A	Engine Hood
4.1000B	Oil Distribution System		
4.1000C	Oil Pressure Regulator	11.0000	ENGINE MOUNTING
4.2000A	Oil Filter	11.1000A	Engine Mounting and Base
4.3000A	Oil Filter Lines	11.1000A	Engine Mounting and Base (Twin and Quad)
4.4000A	Oil Cooler and Marine Gear Lines		
4.5000A	Oil Filler	12.0000	MISCELLANEOUS
4.6000A	Dipstick	12.2000A	Bilge Pump
4.7000A	Oil Pan	12.3000A	Vacuum Pump
4.8000A	Ventilating System	12.4000A	Air Compressor
5.0000	COOLING SYSTEM	12.5000A	Hydraulic Pump
5.1000	Fresh Water Pump	12.6000A	Gasoline Starter
5.1000A	Fresh Water Pump Cover	12.6000B	Air Starter
5.2000A	Water Outlet Manifold and/or Elbow	12.6000C	Cold Weather Starting Aid
5.2000B	Thermostat	12.6000D	Hydraulic Starter
5.2000C	Water Bypass Tube	12.6000E	Hydraulic Starter Accessories
5.3000A	Radiator	12.8000A	Supplies
		12.8000B	Fabrication Material
		12.8000C	Miscellaneous Service Kits and Sets
		12.8000D	Miscellaneous Service Parts

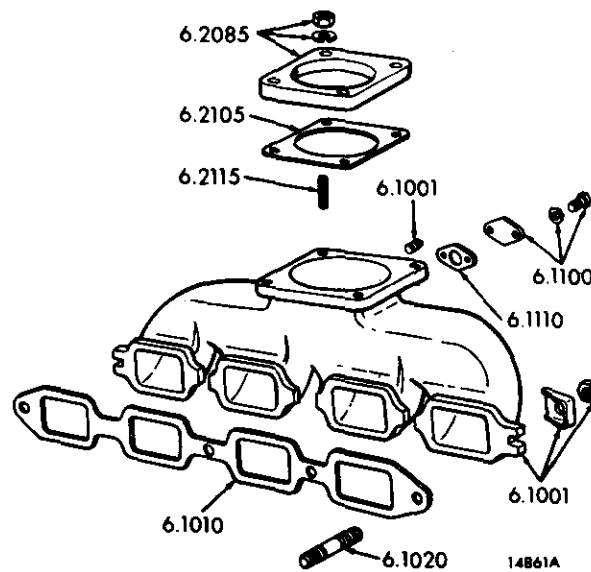


FIG. 1A EXHAUST MANIFOLD (Center Outlet)

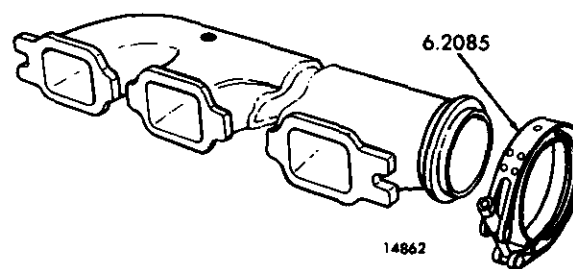


FIG. 1B EXHAUST MANIFOLD (End Outlet)

Figs. 1A & 1B of 6.0000

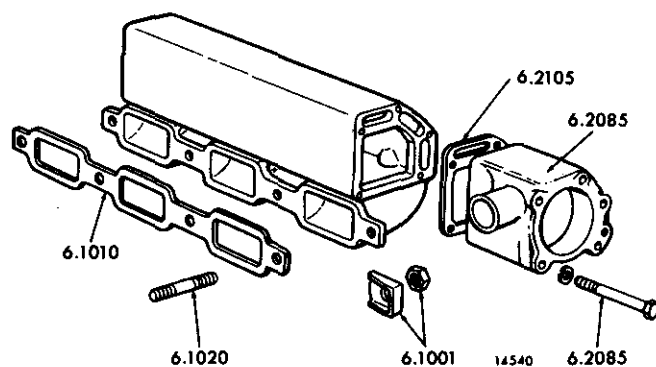


FIG. 1C EXHAUST MANIFOLD (Water Cooled)

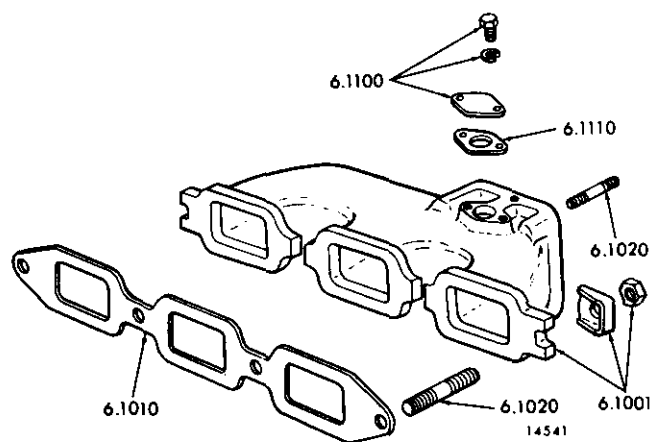


FIG. 1D EXHAUST MANIFOLD (Side Outlet)

Figs. 1C & 1D of 6.0000

OCT., 1978

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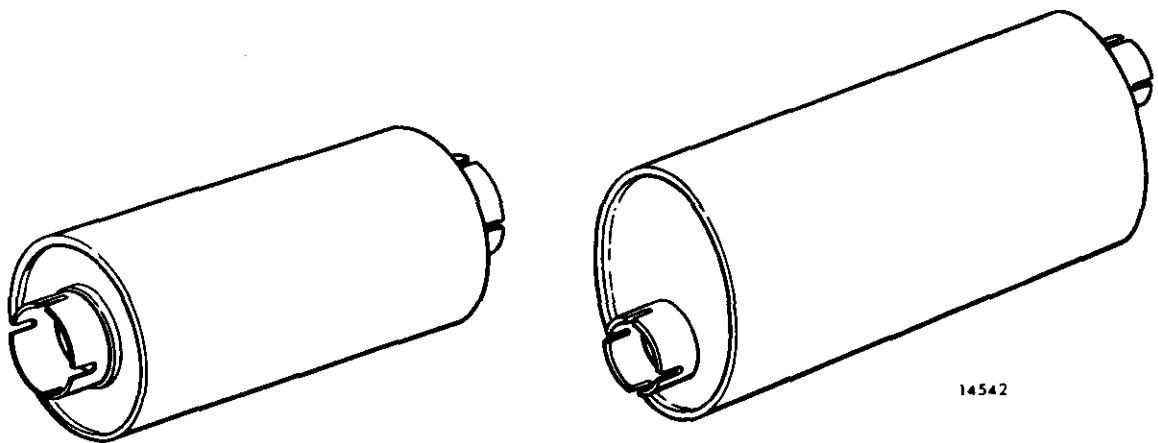


FIG. 2A EXHAUST MUFFLER (6.2001)

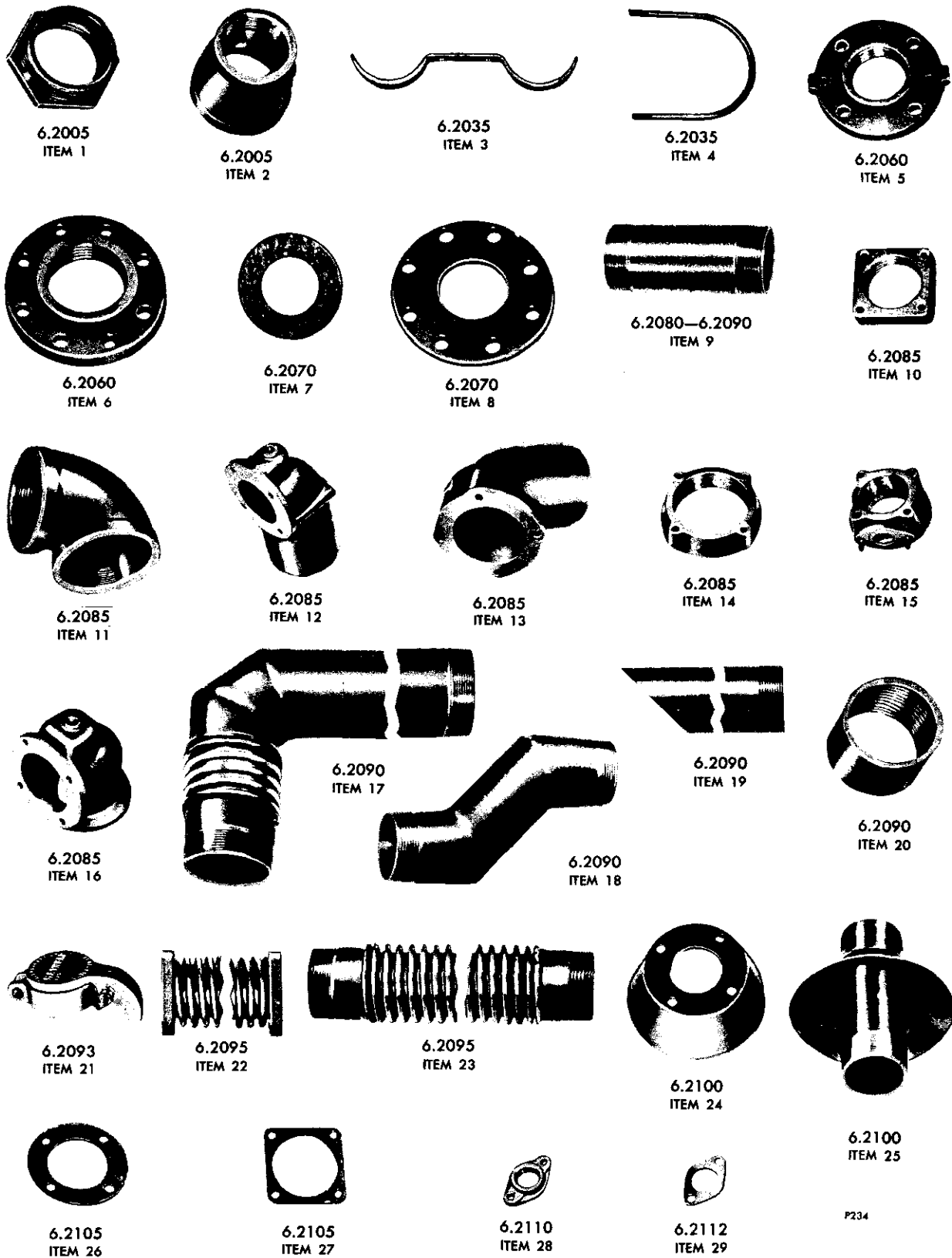


FIG. 3A EXHAUST CONNECTIONS

Fig. 3A of 6.0000

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DETROIT DIESEL

53 MPC ENGINES

6.1000A EXHAUST MANIFOLD

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES											
			1 0	1 1 9	1 2 0	1 2 1	1 2 5	1 2 6	1 3 1	1 3 2	1 3 3	1 3 4	1 3 6	1 3 7
6.1001 - MANIFOLD, EXHAUST														
1A	5116303	# MANIFOLD, 2-53	1											
1A	5121174	MANIFOLD, 2-53				1								
1A	5123734	# MANIFOLD, 2-53							1					
1D	5145048	MANIFOLD, 2-53 (WATER COOLED)											1	
1A	5123733	MANIFOLD, 2-53												1
1A	5121096	@ MANIFOLD, 2-53			1									
1D	5145201	MANIFOLD, 3.6V53 (WATER COOLED)					2							
1A	5123710	* MANIFOLD, 3.6V53 (5130330)								2				
1A	5123709	* MANIFOLD, 3-53 (5130329)									1			
1B	5121097	= MANIFOLD, 4-53 (5130240)		1										
1D	5145049	MANIFOLD, 4.8V53 (WATER COOLED)						1						
1B	5124377	? MANIFOLD, 4-53 (5179382)										1		
1B	113175	PLUG, 1/8" PIPE SQ. HD. BR. (12.9550)	1	1	1						1	1	1	1
1A	5145009	PLUG, 1/8" PIPE (12.9550)				1								
1A	5121182	PLUG, 1/4" PIPE (2.4015)					4	2					2	
1A	5164360	WASHER, 15/16" O.D.	3			3			3				3	3
1A,C	5104439	WASHER, 7/16" STUD (6.1001)		5	4		8	5		4	4	5		
1A,C	127855	NUT, 7/16"-20 (12.9120)	3	5	4	3	8	5	3	8	4	5	3	3
# NOT SERVICED, USE 5123733; ON UNITS WITHOUT SHUTDOWNS ALSO INCLUDE (1) 5121098 COVER, (1) 5113412 GASKET, (2) 186618 BOLTS, (2) 103320 LOCKWASHERS, (2) 113175 PLUG.														
@ NOT SERVICED, USE 5130329 WITH MECHANICAL SHUTDOWN, 5130330 WITHOUT MECHANICAL SHUTDOWN, AND INCLUDE EXHAUST FLANGE TYPE 234.														
* NOT SERVICED: USE PART NUMBER SHOWN IN PARENTHESES PLUS EXHAUST FLANGE TYPE 234 IN 6.2000A.														
= NOT SERVICED: USE PART NUMBER SHOWN IN PARENTHESES PLUS EXHAUST FLANGE TYPE 243 IN 6.2000A.														
? NOT SERVICED: USE PART NUMBER SHOWN IN PARENTHESES PLUS EXHAUST FLANGE TYPE 243 IN 6.2000A.														
6.1010 - GASKET, EXHAUST MANIFOLD														
1A,C	5116306	GASKET, 2-53	1			1			1				1	1
1A,C	5119006	GASKET, 4.8V53		1				1				1		
1A,C	5116205	GASKET, 3.6V53			1		2			2	1			
6.1020 - STUD, EXHAUST MANIFOLD TO HEAD														
1A,C	5112899	STUD, 3/16" X2 3/32" L	3	5	4	3	8	5	3	8	4	5	3	3

6.1000A EXHAUST MANIFOLD

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 1 0	1 1 9	1 2 0	1 2 1	1 2 5	1 2 6	1 3 1	1 3 2	1 3 3	1 3 4	1 3 6	1 3 7
6.1100 - PLATE, EXHAUST MANIFOLD COVER														
1A,B	5121098	PLATE	1	1										
1A,B	186618	BOLT, 5/16"-18X5/8" (12.9001)	2	2										
6.1110 - GASKET, EXHAUST MANIFOLD COVER PLATE														
1B	5113412	GASKET (7.4510)	1	1										

DETROIT DIESEL

53 MPC ENGINES

6.1000A EXHAUST MANIFOLD

PART			TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	1	4	1	1	1	1	1	1	1	2
			1	4	7	6	6	7	8	8	9	0
			2	2	2	6	6	6	8	8	9	0
6.1001 - MANIFOLD, EXHAUST												
	5125411	* MANIFOLD, 3-53 (5198866)		1				1				
	5129641	* MANIFOLD, 3-53 (5146215)										
	5109455	@ MANIFOLD, 3,6V53 (L. BANK) (5198866)									1	1
1B	5124378	# MANIFOLD, 4-53 (5130240)	1									
	5125431	# MANIFOLD, 4-53 (5100146)			1							
	5126626	# MANIFOLD, 4-53 (5130304)				1						
1B	5100146	MANIFOLD, 4-53						1				
1B	5109094	% MANIFOLD, 4-53 (5100146 AND SD-202 PRINT)							1			
	5125411	@ MANIFOLD, 3,6V53 (R. BANK) (5198866)									1	1
1B	5128014	MANIFOLD, 3,6V53				2						1
1B	113175	PLUG, 1/8" PIPE SQ. HD. BR. (12.9550)	1	1	1	1	1	1	1	1	1	1
	180016	BOLT, 5/16"-18X1/2" (12.9001)					1				1	1
1A,C	5104439	WASHER, 7/16"	5	4	5	8	5	4	5	5	4	8
1A,C	127855	NUT, 7/16"-20 (12.9120)	5	4	5	8	5	4	5	5	4	8
		* NOT SERVICED; USE PART NUMBER SHOWN IN PARENTHESES PLUS EXHAUST FLANGE TYPE 234.										
		@ NOT SERVICED; USE PART NUMBER SHOWN IN PARENTHESES AND INCLUDE (1) 5121098 COVER, (1) 5113412 GASKET, (2) 186618 BOLTS, (2) 103320 LOCKWASHERS, (1) 113175 PLUG.										
		# NOT SERVICED; USE PART NUMBER SHOWN IN PARENTHESES PLUS EXHAUST FLANGE TYPE 243 IN 6.2000A.										
		% NOT SERVICED, USE PART NUMBERS SHOWN IN PARENTHESES).										
6.1010 - GASKET, EXHAUST MANIFOLD												
1A,C	5119006	GASKET, 4,8V53	1		1		1		1	1		
1A,C	5116205	GASKET, 3,6V53		1		2		1			1	2
6.1020 - STUD, EXHAUST MANIFOLD TO HEAD												
1A,C	5112899	STUD, 3/16"X2 3/32" L	5	4	5	8	5	4	5	5	4	8

6.1000A EXHAUST MANIFOLD

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2 1 1	2 1 7	2 1 8	2 2 3	2 2 4	2 2 6	2 2 8	2 3 9	2 4 2	2 4 5	2 4 8	2 5 4
6.1001 - MANIFOLD, EXHAUST														
	NPN	MANIFOLD (CUSTOMER FURNISHED)												
1A	5130329	MANIFOLD, 3.6V53 (R. BANK)	1									2		
1A	5130330	* MANIFOLD, 3.6V53		AR										
	5179382	MANIFOLD, 4.8V53			1									
	5130304	MANIFOLD, 4-53				1								
1B	5130240	MANIFOLD, 4.8V53					1							
1E	5146215	* MANIFOLD, 3.6V53 (R. BANK)						AR	1		1			
1B	5132494	MANIFOLD, 6V53 (R. BANK)								1				1
1B	5132495	MANIFOLD, 6V53 (L. BANK)								1				
1B	5128014	MANIFOLD, 6V-53									1			1
1C	5132496	+ MANIFOLD, 8V-53 (R. BANK)											1	
1C	5132497	+ MANIFOLD, 8V-53 (L. BANK)											1	
1A	5133435	CRAB								4			4	6
1C	113175	* PLUG, 1/8" PIPE (12.9550)	2	AR	1	1	1	AR	1					
	180016	BOLT, 5/16"-18X1/2" (12.9001)							1					
1A.C	5104439	WASHER, 7/16"	8	8	5	5	5	4	4	4	8	8	6	6
1A.C	127855	NUT, 7/16"-20 (12.9120)	8	8	5	5	5	4	4	8	8	8	10	8
		* AT 1 FOR A 3 CYL; 2 FOR A 6 CYL												
		+ OBSOLETE												
6.1010 - GASKET, EXHAUST MANIFOLD														
1A.B	5116205	* GASKET, 3.6V53	2	AR				AR	1	2	2	2		2
1A.B	5119006	GASKET, 4.8V53			1	1	1						2	
		* AT 1 FOR A 3 CYL; 2 FOR A 6 CYL												
6.1020 - STUD, EXHAUST MANIFOLD TO HEAD														
1A.B	5112899	STUD, 7/16"X2 3/32" L	8	AR	5	5	5	AR	4	8	8	8	10	8

6.1000A EXHAUST MANIFOLD

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	255	257	258	288	289	293	294	299	300	310	336
6.1001 - MANIFOLD, EXHAUST													
1A	5130329	MANIFOLD, 3,6V53 (R. BANK)											1
1B	5130240	MANIFOLD, 4,8V53						2					
1B	5132495	MANIFOLD, 3,6V53 (L. BANK)			1								
1B	5128014	MANIFOLD, 3,6V53		1									
	5133850	+ MANIFOLD, 3,6V-53 (SIDE OUTLET)	1										
1E	5137027	MANIFOLD, 3-53			1								
1C	5134613	MANIFOLD, 2-53				1							
1D	5100146	MANIFOLD, 8V53						2					
1B	5132495	MANIFOLD, 6V53							1				
1E	5125412	* MANIFOLD, 6V53 (R. BANK)								1			
1E	5109455	* MANIFOLD, 6V53 (L. BANK)								1			
	5139176	MANIFOLD, 6V53 (R. BANK)									1		
	5139177	MANIFOLD, 6V53 (L. BANK)									1		
1A	5130330	MANIFOLD, 6V53 (L. BANK)										1	
1C	5135016	MANIFOLD, 6V53		2									
1A	5133435	CRAB			6	2	2			4		4	
1A	5134520	CLAMP	2										
	137281	GASKET	2										
1C	113175	PLUG, 1/8" PIPE (12.9550)					1	2	2		2		2
	180018	BOLT, 5/16"-18X1/2" (12.9001)									1		
1A,B	5104439	WASHER, 7/16"		8	6	2	1	10	10	8	8	4	8
1A,B	127855	NUT, 7/16" (12.9120)	4		8	4	3	10	10	8	8	8	8
1A,B	9174746	NUT, 7/16"-20 (CONE) (12.9120)		8									
* NOT SERVICED, USE 5198866, AND INCLUDE (1) 5121098 COVER, (1) 5113412 GASKET, (2) 185618 BOLTS, (2) 103320 LOCKWASHERS AND (1) 113175 PLUG.													
+ OBSOLETE.													
6.1010 - GASKET, EXHAUST MANIFOLD													
1A,B	5116205	GASKET, 3,6V53	1	2	2	1				2	2	2	2
1A,B	5119006	GASKET, 4,8V53						2	2				
1C	5116306	GASKET, 2-53					1						
6.1020 - STUD, EXHAUST MANIFOLD TO HEAD													
1A,B	5112899	STUD, 7/16"X2 3/32" L		8	8	4	3	10	10	8	8	8	8
1A,B	5134365	STUD, 7/16"X3 3/4" L	4										
6.1100 - PLATE, EXHAUST MANIFOLD COVER													
1A	5121098	PLATE									1		
1A	186618	BOLT, 5/16"-18X5/8" (12.9001)									2		
1A	103320	LOCKWASHER, 5/16" (12.9200)									2		

53 MPC ENGINES

DETROIT DIESEL

6.1000A EXHAUST MANIFOLD

PART			TYPES																
..FIG ..	NUMBER	NAME AND DESCRIPTION	255	257	258	288	289	293	294	299	300	310	336						
	6.1110	- GASKET, EXHAUST MANIFOLD COVER PLATE																	
1A	5113412	GASKET (7.4510)										1							

6.1000A EXHAUST MANIFOLD

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES													
			3 5 0	3 5 3	3 5 6	3 7 0	3 9 7	4 0 1	4 0 4	4 1 0	4 1 1	4 1 3	4 1 6	4 3 9	4 6 5	
6.1001 - MANIFOLD, EXHAUST																
1E	5130400	# MANIFOLD (5146215) 3-53	1													
1C	5128014	MANIFOLD, 6V53		2		1						1		1		
1C	5141639	MANIFOLD, 8V53			2											
	5128746	MANIFOLD, 6V53 (L. BANK) (SD-203)				1										
1D	5145049	MANIFOLD, 4-53					1									
1D	5145048	MANIFOLD, 2-53						1								
1D	5145201	MANIFOLD, 6V53							2							
	5130330	MANIFOLD, 6V53												1		
1A	5198866	MANIFOLD, 6V53								2						
1E	5146215	MANIFOLD 6V53 (R. BANK)									1	1				
	5123733	MANIFOLD, 2-53											1			
	5133850	+ MANIFOLD, 6V53 (SIDE OUTLET MARMAN)													2	
	5101142	@ MANIFOLD, 6V53 (LB. 40 DEG. SIDE MARMAN)													1	
	5101731	@ MANIFOLD, 6V53 (R.B. 40 DEG. SIDE MARMAN)													1	
	5134520	CLAMP, U													4	
	644132	@ CLAMP ASSY., (3.34" DIA. MARMAN) (6.2085)													2	
	137281	GASKET, 7/16" COPPER (12.9360)													4	
1A	5133436	CRAB			4										4	
	113175	PLUG, 1/8" PIPE (12.9550)	1							4	2	2	1	1		
	5145009	PLUG, 1/8" PIPE (12.9550)					2		2							
	5121182	PLUG, 1/4" PIPE (2.4015)						2	2							
	5101466	BOLT, 7/16"-14X1 1/2" (SPEC. COATED)													4	
	5101383	BOLT, 7/16"-14X3" (SPEC. COATED)													4	
1C	5104439	WASHER, 7/16"	4	8	6	8	5	3	4	8	4	8		8		
A	5164360	WASHER, 15/16" O.D.											3			
	9174746	NUT, 7/16"-20 (CONE) (12.9120)			10									8		
1C	127855	NUT, 7/16"-20 (12.9120)	4	8		8	5	3	4	8	4	8	3			
		+ OBSOLETE														
		@ EFFECTIVE WITH 6D-121935														
		# NOT SERVICED. USE PART NUMBER IN PARENTHESES.														
6.1010 - GASKET, EXHAUST MANIFOLD																
1A,B	5116205	GASKET, 3.6V53	1	2		2			1	2	1	2		2	2	
1A,B,D	5119006	GASKET, 4.8V53			2		1									
	5116306	GASKET, 2-53						1					1			
6.1020 - STUD, EXHAUST MANIFOLD TO HEAD																
1C	5112899	STUD, 7/16"X2 3/32"L	4		10	8	AR	3	8	8	4	8	3			
1A,B	5175281	STUD, 7/16"X2.80"L		4												

6.1000A EXHAUST MANIFOLD

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	350	353	356	370	397	401	404	410	411	413	416	439	465
6.1100 - PLATE, EXHAUST MANIFOLD COVER															
1A	5121098	PLATE				1				4	2	2	1		
1A	186618	BOLT, 5/16"-18X5/8" (12.9001)				2				8	4	4	2		
1A	103320	LOCKWASHER, 5/16" (12.9200)								8	4	4	2		
6.1110 - GASKET, EXHAUST MANIFOLD COVER PLATE															
1A	5113412	GASKET (7.4510)				1				4	2	2	1		

6.1000A EXHAUST MANIFOLD AND/OR CONNECTIONS

PART ..FIG ... NUMBER NAME AND DESCRIPTION			TYPES									
			4 8 9	5 0 4	5 0 5	5 1 0	5 1 2	5 2 1	5 4 8			
6.1001 - MANIFOLD, EXHAUST												
	5104084	MANIFOLD, 6V53 (L. BANK)	1									
	5104085	MANIFOLD, 6V53 (R. BANK)	1									
	5106640	MANIFOLD, 353T		1								
	8921024	MANIFOLD, 6V53 (L. BANK)					1					
	8921025	MANIFOLD, 6V53 (R. BANK)					1					
1A	5130329	MANIFOLD, 6V53 (R. BANK)						1				
1A	5130330	MANIFOLD, 6V53 (L. BANK)						1	1			
1C	5135016	MANIFOLD, 6V53							1			
1A	5133435	CRAB		2			4					
	115226	BUSHING, 1" X 3/8" RED. (12.9570)					2					
	5142549	PLUG, 3/4"-14 PIPE (12.9550)					6					
	5111798	PLUG, 1" PIPE (12.9550)					6					
1C	113175	PLUG, 1/8" PIPE (12.9550)						2				
1C	5104439	WASHER, 7/16" STUD	8	3	5	4	4	8	8			
1C	127855	NUT, 7/16"-20 (12.9120)	8	4	5	4	8	8				
1A,B	9174746	NUT, 7/16"-20 (CONE) (12.9120)							8			
	118536	DRAINCOCK, 3/8" (12.9510)					2					
6.1010 - GASKET, EXHAUST MANIFOLD												
1A,B	5116205	GASKET, 6V53	2	1		1		2	2			
1A,B,D	5119006	GASKET, 4-53			1							
	5107019	GASKET, 6V53					2					
6.1020 - STUD, EXHAUST MANIFOLD TO HEAD												
1C	5112899	STUD, 7/16"-14 X 2 3/32"		4		4	8					
6.1100 - PLATE, EXHAUST MANIFOLD COVER												
1A	5121098	PLATE						1				
1A	186618	BOLT, 5/16"-18 X 5/8" (12.9001)						2				
1A	103320	LOCKWASHER, 5/16" (12.9200)						2				
6.1110 - GASKET, EXHAUST MANIFOLD COVER PLATE												
1A	5113412	GASKET (7.4510)						1				

6.2000A EXHAUST MUFFLER AND/OR CONNECTIONS

PART		NAME AND DESCRIPTION	TYPES														
FIG	NUMBER		1 7	3 8	1 5	1 2 6	1 6 0	1 6 7	1 7 3	1 7 4	1 7 5	1 7 6	1 7 7	1 8 1	1 8 5		
6.2001 - MUFFLER ASSY., EXHAUST																	
	5111082	* MUFFLER (HEAVY, 3 1/2" WET TYPE)				1											
2A	5119172	MUFFLER							1								
2A	5119173	MUFFLER								1							
2A	5124596	MUFFLER									1						
	5198525	# MUFFLER, 10" DIA. X 42" L	AR	AR	AR		AR					AR	AR		1		
		* OBSOLETE.															
		# HIGH DEGREE SILENCING.															
6.2005 - BUSHING, MUFFLER PIPE																	
3A	5124640	COUPLING (3 1/2"X3" RED.) (ITEM 2)													1		
	5182511	% NIPPLE 3"X4" PIPE (12.9560)													1		
		% OBSOLETE.															
6.2085 - FLANGE, EXHAUST																	
	NPN	FLANGE (CUSTOMER FURNISHED)			1												
3A	3222532	+ FLANGE (3") (ITEM 10)	1											2			
3A	3291893	FLANGE (2 1/2") (ITEM 10)							1								
1D	5122517	FLANGE (RIGHT BANK)										1					
1D	5122518	FLANGE (LEFT BANK)											1				
	148344	DRAINCOCK, 5/16" (12.9510)															
	9418964	BOLT, 3/8"-16X5" (12.9001)										1	1				
	103321	LOCKWASHER, 3/8" (12.9200)										5	5				
	103322	LOCKWASHER, 7/16" (12.9200)	4		4							AR	AR		8		
	114547	NUT, 3/8"-24 (12.9120)							4								
	127855	NUT, 7/16"-20 (12.9120)	4		4										8		
		+ OBSOLETE															
6.2095 - CONNECTION, FLEXIBLE EXHAUST																	
3A	5168927	CONNECTION, 2 1/2" P.T. X 18" L (ITEM 23)		1													
6.2105 - GASKET, EXHAUST OUTLET																	
3A	3221863	GASKET (3 1/4" DIA. OPENING) (ITEM 27)	1		1		1							2			
3A	5108377	GASKET (ITEM 27)							1								
1C	5119208	GASKET (6.1150)										1	1				
3A	2258176	GASKET (ITEM 27)						1									
6.2115 - STUD, EXHAUST OUTLET																	
	103198	STUD, 3/8"-16-24X2 1/16" (12.9117)							4								
	5111227	STUD, 7/16"-14-20 X 1 3/4"			4												
	3222533	+ STUD, 7/16"-14-20 X 2 1/2"	4											8			
		+ OBSOLETE.															

6.2000A EXHAUST MUFFLER AND/OR CONNECTIONS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 8 7	1 8 8	1 9 0	1 9 4	2 0 2	2 0 7	2 1 3	2 1 4	2 1 9	2 2 1	2 2 2	2 2 5
6.2001 - MUFFLER ASSY., EXHAUST														
2A	5119172	MUFFLER		1										
	5128448	* MUFFLER AND ASPIRATOR ASSY.					1							
2A	5129180	MUFFLER							AR					
2A	2406178	MUFFLER								2			1	
	5198525	# MUFFLER (10" DIA. X 42" L.)				AR	AR							AR
		* OBSOLETE												
		# HIGH DEGREE SILENCING.												
6.2005 - BUSHING, MUFFLER PIPE														
3A	218866	BUSHING, 3"X2" RED. (12.9570) (ITEM 1)		1										
	5182511	% NIPPLE, 3"X4" PIPE (12.9560)												1
		% OBSOLETE												
6.2085 - FLANGE, EXHAUST														
3A	3222532	+ FLANGE (3") (ITEM 10)				1								
1D	5122517	FLANGE (RIGHT BANK)	1											
1D	5122518	FLANGE (LEFT BANK)	1											
	5127950	@ FLANGE ASSY.					1							
	191019	ELBOW (3" P.T. X90 DEG.)												1
	5100145	ELBOW											1	
1B	5146165	CLAMP ASSY. (MARMAN FLANGE) (3.88" DIA.)			2						2			
1B	5137619	CLAMP ASSY. (MARMAN FLANGE) (4.50" DIA.)											1	
	148344	DRAINCOCK, 5/16" (12.9510)	2											
	103172	STUD, 5/16"-18-24 X 1 1/8"					2							
	9418964	BOLT, 3/8"-16X5" (12.9001)	10				5							
	103321	LOCKWASHER, 3/8" (12.9200)	AR				AR						AR	4
	114547	NUT, 3/8"-24 (12.9120)												
		@ FOR USE WITH MECHANICAL AUTOMATIC SHUTDOWN.												
		+ OBSOLETE												
6.2090 - PIPE, EXHAUST														
	5108830	* PIPE, 1" L. X 3 1/4" O.D.									2			
	5129914	* PIPE, 6" L. X 3 1/4" O.D.									2			
	5129689	PIPE, 6" L. X 3 3/4" O.D.										2		
	5108831	PIPE, 1 1/2" L. X 4.22" FLANGE DIA.											1	
	5108962	PIPE, 55.28" DEV. L.											1	
	5185039	CLAMP, 2 7/8"											1	
	5108560	CLAMP, 3 5/8"											1	
1B	5137619	CLAMP ASSY. (MARMAN FLANGE) (4.22" DIA.)										2		

6.2000A EXHAUST MUFFLER AND/OR CONNECTIONS

PART		TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	1	1	1	2	2	2	2	2	2	2
			8	1	9	0	2	1	1	2	2	2
			7	8	0	2	7	3	4	9	1	5
		6.2090 - PIPE, EXHAUST (CONT'D)										
		* LENGTH DETERMINED BY INSTALLATION.										
		6.2091 - SUPPORT, EXHAUST PIPE										
	5108559	SUPPORT (BRACKET)									2	
	5108455	BRACKET (SMALL)									1	
	5108456	BRACKET (LARGE)									1	
	5179976	SPRING (7.1612)									2	
	120393	WASHER, 5/16" (12.9190)									4	
		6.2095 - CONNECTION, FLEXIBLE EXHAUST										
3A	5128451	CONNECTION (MANIFOLD TO MUFFLER) (ITEM 23)						1				
3A	5128452	CONNECTION (ASPIRATOR TO MUFFLER) (ITEM 23)						1				
	5128273	NIPPLE, 2 1/2" DIA. X 7" L.						1				
	5128450	CLAMP (ASPIRATOR HOSE)						2				
	5124113	+ CLAMP, 2 1/4" (3.1003)						2				
		+ OBSOLETE.										
		6.2105 - GASKET, EXHAUST OUTLET										
A	3221863	GASKET (3 1/4" DIA. OPENING) (ITEM 27)			1							
1D	5119208	GASKET (6.1150)	2			1						
3A	5100147	GASKET								1		
		6.2115 - STUD, EXHAUST OUTLET										
	103197	STUD, 3/8"-16-24X1 13/16" (12.9117)									4	

6.2000A EXHAUST MUFFLER AND/OR CONNECTIONS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2	2	2	2	2	2	2	2	2	2	2	2
			2	2	2	2	2	2	2	2	2	2	2	2
			6	7	0	2	3	4	3	5	1	4	4	3
6.2085 - FLANGE, EXHAUST														
	NPN	FLANGE (CUSTOMER FURNISHED)									1			1
3A	5108351	FLANGE (3 1/2" P.T.)				1								
3A	5108632	FLANGE (3" P.T.) (ITEM 10)					2							
3A	5109033	FLANGE (3 1/2" PLAIN HOLE)						1						
3A	5108467	FLANGE (3" P.T.)								1				
3A	5100145	ELBOW		1	1									
3A	5125592	ELBOW										1		1
1B	5137619	CLAMP ASSY. (MARMAN FLANGE, 4.50" DIA.)	2	1	1									
	454933	* BOLT, 7/16"-14X1 1/8" (12.9001)										4		AR
	103321	LOCKWASHER, 3/8" (12.9200)		AR	AR	AR	AR	AR	AR	AR	AR			AR
	103322	LOCKWASHER, 7/16" (12.9200)										AR		AR
	114547	NUT, 3/8"-24 (12.9120)		4	4	8	8	4	4	4	4			
		* FOR A THREE USE A QUANTITY OF "4" AND A QUANTITY OF "8" FOR A SIX.												
6.2090 - PIPE, EXHAUST														
	5108831	PIPE, 1 1/2" L X 4.22" FLANGE DIA.	2											
6.2105 - GASKET, EXHAUST OUTLET														
3A	5100147	GASKET		1	1									
3A	5145238	GASKET				2			1	1	1			
3A	5108377	GASKET					2						1	1
3A	3221863	* GASKET (ITEM 27)										1		AR
		* USE A QUANTITY OF "1" FOR A THREE AND "2" FOR A SIX.												
6.2115 - STUD, EXHAUST OUTLET														
	103197	STUD 3/8"-16-24X1 13/16" (12.9117)	4											
	103196	STUD 3/8"-16-24X1 9/16" (12.9117)		4										
	5109167	STUD 3/8"-16-24X1.78"				8	8	4	4	4	4			
	5109158	STUD 3/8"-16-24X1 1/2"												

6.2000A EXHAUST MUFFLER AND/OR CONNECTIONS

PART		TYPES												
.FIG	NUMBER	NAME AND DESCRIPTION	2 5 8	2 7 5	2 8 3	3 0 3	3 0 4	3 2 1	3 2 2	3 2 9	3 3 4	3 3 8	3 3 9	3 4 0
		6.2001 - MUFFLER ASSY., EXHAUST												
		FOR TYPE 346 USE TYPE 338.												
2A	2406178	MUFFLER (AUTOMOTIVE)						1						
		6.2005 - BUSHING, MUFFLER PIPE												
3A	218866	BUSHING, 3"X2" RED. (12.9570) (ITEM 1)									1			
		6.2085 - FLANGE, EXHAUST												
	NPN	FLANGE (CUSTOMER FURNISHED)	2	1										
3A	5108467	FLANGE (3"P.T.)								1			1	
1D	5138588	FLANGE												
1D	5138764	+ FLANGE												1
3A	5100145	ELBOW						1						
3A	5130703	ELBOW			2		1							
	5138859	ELBOW								1				
	5138751	ELBOW										1		
	5137619	CLAMP ASSY. (MARMAN FLANGE, 4.50" DIA.)						1						
	5139024	CLAMP ASSY. (MARMAN FLANGE, 4.50" DIA.)									1	1		
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)			8		4							
	9418964	BOLT, 3/8"-16X5" (12.9001)											5	5
	103321	LOCKWASHER, 3/8" (12.9200)	AR		AR		AR	AR	AR				AR	AR
	114547	NUT, 3/8"-24 (12.9120)	8	4				4	4					
		+ OBSOLETE.												
		6.2090 - PIPE, EXHAUST												
	5108831	PIPE, 1 1/2" L X 4.22" FLANGE DIA.						1						
	5108962	PIPE, 55.28" DEV. L						1						
		6.2093 - CAP, EXHAUST PIPE												
3A	5185786	CAP, RAIN 3 1/2" PIPE (ITEM 21)				1					1			
		6.2105 - GASKET, EXHAUST OUTLET												
3A	5100147	GASKET						1						
3A	5145238	GASKET								1				
3A	5108377	GASKET (ITEM 27)	2		2		1		1					
3A	3291894	GASKET		1										
1D	5119208	GASKET (6.1150)											1	1

6.2000A EXHAUST MUFFLER AND/OR CONNECTIONS

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			2 5 8	2 7 5	2 8 3	3 0 3	3 0 4	3 2 1	3 2 2	3 2 9	3 3 4	3 3 8	3 3 9	3 4 0
		6.2115 - STUD, EXHAUST OUTLET												
	5120494	STUD, 3/8"-16-24 X 1 5/16" (5.2020)							4					
	103196	STUD, 3/8"-16-24 X 1 9/16" (12.9117)												
	5109167	STUD, 3/8"-16-24 X 1.78"	4											
	103198	STUD, 3/8"-16-24 X 2 1/16" (12.9117)		4										

6.2000A EXHAUST MUFFLER AND/OR CONNECTIONS

PART		TYPES												
..FIG	NUMBER	NAME AND DESCRIPTION	3 4 3	3 5 0	3 5 9	3 6 1	3 9 6	4 0 4	4 0 5	4 0 9	4 1 1	4 1 2	4 1 4	4 1 7
6.2001 - MUFFLER ASSY., EXHAUST														
2A	5119173	MUFFLER				2								
6.2085 - FLANGE, EXHAUST														
	NPN	FLANGE (CUSTOMER FURNISHED)		1										
3A	5108632	FLANGE (3"P.T.) (ITEM 10)				2								
	5103444	ADAPTOR (6.2120)						1				2		
	5107177	ADAPTOR (6.2120)							1					
3A	5130703	ELBOW					2							
	5103551	ELBOW									1			
	5146165	CLAMP ASSY. (MARMAN FLANGE) (3.88" DIA.)							4					
	5137620	CLAMP ASSY. (MARMAN FLANGE) (3.82" DIA.)			2									
	5103434	CLAMP (V BAND)						1			1	2	2	
	5107180	CLAMP (V BAND)								1				
	5140216	ELBOW				2								
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)					8							
	106288	BOLT, 3/8"-24X2 1/4" (12.9001)												
	103321	LOCKWASHER, 3/8" (12.9200)	AR			8 AR	AR							4
	114547	NUT, 3/8"-24 (12.9120)												4
6.2090 - PIPE, EXHAUST														
	5129914	PIPE, 6" L. X 3 1/4" O.D.			2									
6.2091 - SUPPORT, EXHAUST PIPE														
	5143184	BRACKET, MUFFLER SUPPORT				1								
	5143185	BRACE, MUFFLER SUPPORT				1								
	5108560	CLAMP ASSY.				2								
	122408	BOLT, 1/2"-13X1" (12.9001)				2								
	103341	WASHER, 3/8" (12.9190)				4								
	103343	WASHER, 1/2" (12.9190)				2								
	103323	LOCKWASHER, 1/2" (12.9200)				2								
	123263	NUT, 1/2"-13 (12.9120)				2								
6.2093 - CAP, EXHAUST PIPE														
3A	5140349	CAP, RAIN (2 1/2" PIPE) (ITEM 21)	1											
3A	5185786	CAP, RAIN (3 1/2" PIPE) (ITEM 21)				2								
6.2105 - GASKET, EXHAUST OUTLET														
3A	5108377	GASKET (ITEM 27)		1		4	2							1
6.2115 - STUD, EXHAUST OUTLET														
	5109158	STUD, 3/8"-16-24 X 2 1/2"		4										4
	5123667	STUD, 3/8"-16 X 1 7/8"				8								

GROUP NOMENCLATURE

1.0000	ENGINE (less major assemblies)	5.0000	COOLING SYSTEM (CONT'D)
1.1000	Cylinder Block	5.3000B	Water Connections
1.1000A	Air Box Drains	5.4000A	Fan
1.2000	Cylinder Head	5.4000B	Fan Shroud
1.2000A	Engine Lifter Bracket	5.5000A	Heat Exchanger or Keel Cooling
1.3000	Crankshaft, Oil Seals and Stabilizers	5.6000A	Raw Water Pump
1.3000A	Crankshaft Front Cover	5.7000A	Water Filter
1.3000B	Vibration Damper		
1.3000C	Crankshaft Pulley	6.0000	EXHAUST SYSTEM
1.3000D	Crankshaft Pulley Belt	6.1000A	Exhaust Manifold and/or Connections
1.4000A	Flywheel	6.2000A	Exhaust Muffler and/or Connections
1.5000A	Flywheel Housing		
1.5000B	Flywheel Housing Adaptor	7.0000	ELECTRICAL INSTRUMENTS
1.6000	Connecting Rod and Piston	7.1000A	Battery Charging Generator
1.7000	Camshaft and Gear Train	7.2000A	Battery Cables
1.7000A	Balance Weight Cover	7.2000B	Automatic Starting
1.7000B	Accessory Drive	7.2000B	Automatic Starting (Twin and Quad)
1.8000	Valve Injector Operating Mechanism	7.3000A	Starting Motor
1.8000A	Rocker Cover	7.4000A	Instruments
		7.4000A	Instruments (Twin and Quad)
		7.4000B	Tachometer Drive
		7.4000B	Tachometer Drive (Twin and Quad)
		7.4000C	Shutoff, Alarm and O.S. Governor
		7.4000C	Shutoff, Alarm and O.S. Governor (Twin and Quad)
2.0000	FUEL SYSTEM	7.5000A	Power Generator
2.1000A	Fuel Injector	7.6000A	Control Cabinet
2.1000B	Electronic Injector Controls	7.6000A	Control Cabinet (Twin and Quad)
2.2000	Fuel Pump	7.7000A	Wiring Harness
2.2000A	Fuel Pump Drain	7.8000A	Air Heater
2.3000A	Fuel Filter and Strainer	7.8000A	Air Heater (Twin and Quad)
2.3000A	Fuel Filter and Strainer (Twin and Quad)	7.10000A	Hydraulic Governor Solenoid
2.4000	Fuel Manifold and/or Connections		
2.4000A	Dual Fuel System	8.0000	POWER TAKE-OFF
2.5000A	Fuel Lines and Fuel Cooler	8.1000A	Power Take-off and/or Clutch
2.5000A	Fuel Lines and Fuel Cooler (Twin and Quad)	8.1000A	Power Take-off and/or Clutch (Twin and Quad)
2.6000A	Fuel Tank	8.3000A	Torque Converter
2.6000B	Electric Governor	8.3000A	Torque Converter (Twin and Quad)
2.7000A	Mechanical Governor	8.3000B	Transmission Lines
2.8000A	Hydraulic Governor		
2.9000	Injector Controls	9.0000	TRANSMISSION AND PROPULSION
2.9000	Injector Controls (Twin and Quad)	9.1000A	Hydraulic Marine Gear
2.9000A	Throttle Controls	9.1000A	Hydraulic Marine Gear (Twin and Quad)
2.9000A	Throttle Controls (Twin and Quad)	9.2000A	Reverse and Reduction Gear (mechanical)
3.0000	AIR SYSTEM	9.3000A	Power Transfer Gear
3.1000A	Air Cleaner and/or Adaptor	9.3000A	Power Transfer Gear (Twin and Quad)
3.2000A	Air Silencer	9.4000	Transmission - Highway
3.3000A	Air Inlet Housing	9.7000	Transmission - Off-highway
3.3000C	Air Intake Manifold	9.9000	Transmission - Rail Car
3.4000	Blower and Drive		
3.4000A	Blower Drive Shaft	10.0000	SHEET METAL
3.4000B	Blower End Plate Cover	10.1000A	Engine Hood
3.5000A	Turbocharger, Intercooler, and Aftercooler		
4.0000	LUBRICATING SYSTEM	11.0000	ENGINE MOUNTING
4.1000A	Oil Pump	11.1000A	Engine Mounting and Base
4.1000B	Oil Distribution System	11.1000A	Engine Mounting and Base (Twin and Quad)
4.1000C	Oil Pressure Regulator		
4.2000A	Oil Filter	12.0000	MISCELLANEOUS
4.3000A	Oil Filter Lines	12.2000A	Bilge Pump
4.4000A	Oil Cooler and Marine Gear Lines	12.3000A	Vacuum Pump
4.5000A	Oil Filler	12.4000A	Air Compressor
4.6000A	Dipstick	12.5000A	Hydraulic Pump
4.7000A	Oil Pan	12.6000A	Gasoline Starter
4.8000A	Ventilating System	12.6000B	Air Starter
5.0000	COOLING SYSTEM	12.6000C	Cold Weather Starting Aid
5.1000	Fresh Water Pump	12.6000D	Hydraulic Starter
5.1000A	Fresh Water Pump Cover	12.6000E	Hydraulic Starter Accessories
5.2000A	Water Outlet Manifold and/or Elbow	12.8000A	Supplies
5.2000B	Thermostat	12.8000B	Fabrication Material
5.2000C	Water Bypass Tube	12.8000C	Miscellaneous Service Kits and Sets
5.3000A	Radiator	12.8000D	Miscellaneous Service Parts

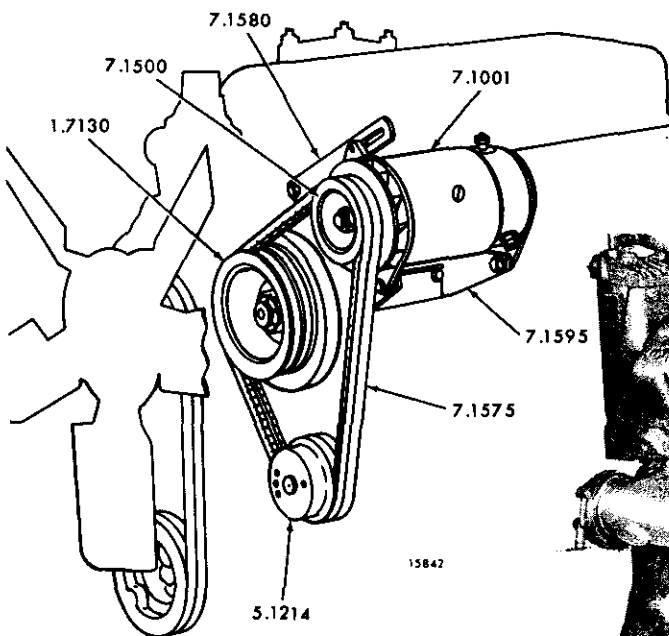


FIG. 1A

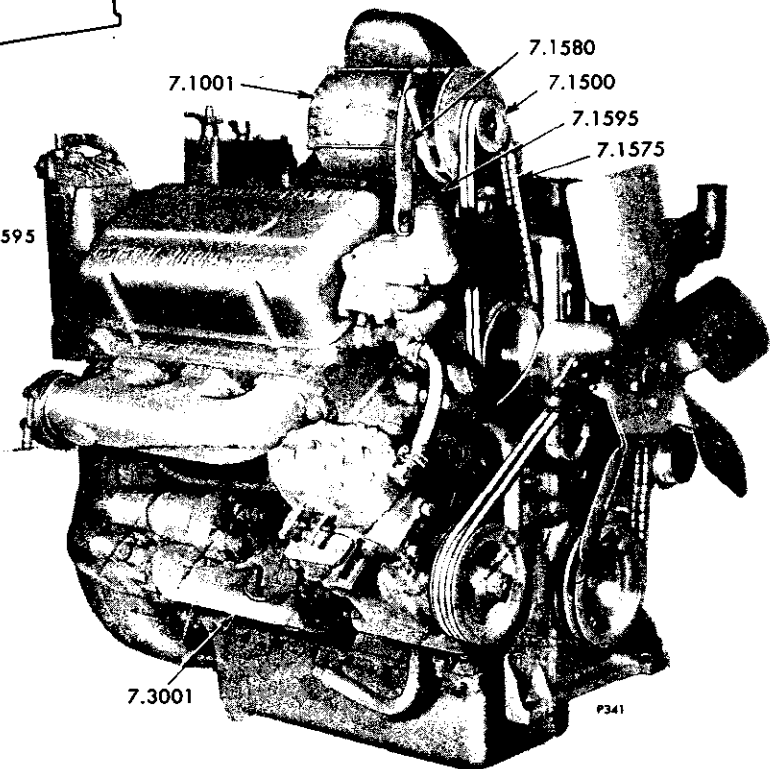


FIG. 1B

BATTERY CHARGING GENERATOR

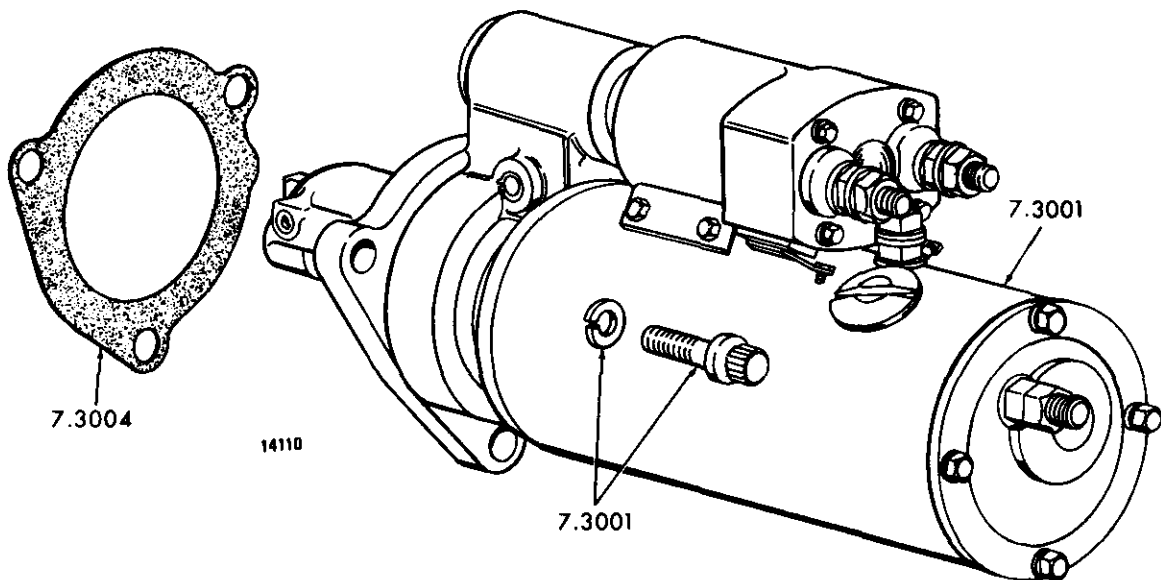


FIG. 3A STARTING MOTOR

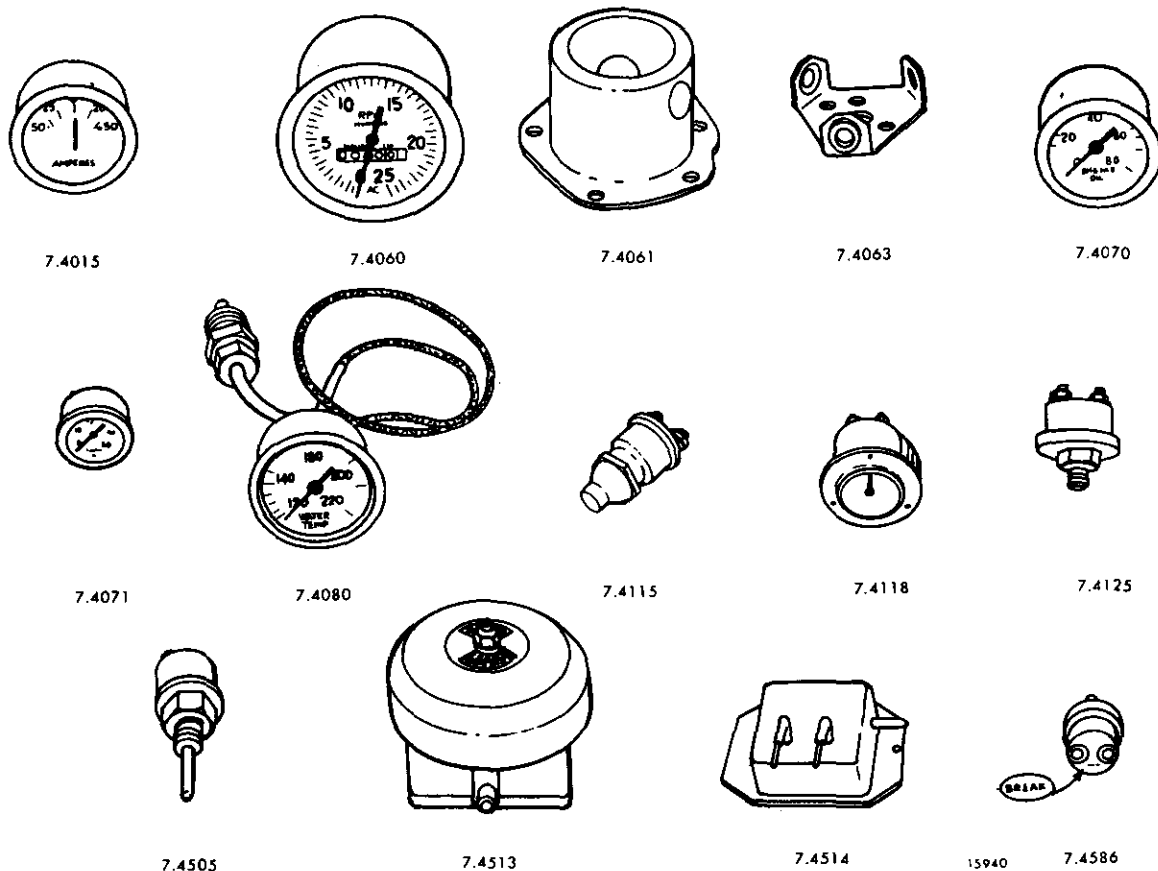


FIG. 4A INSTRUMENTS

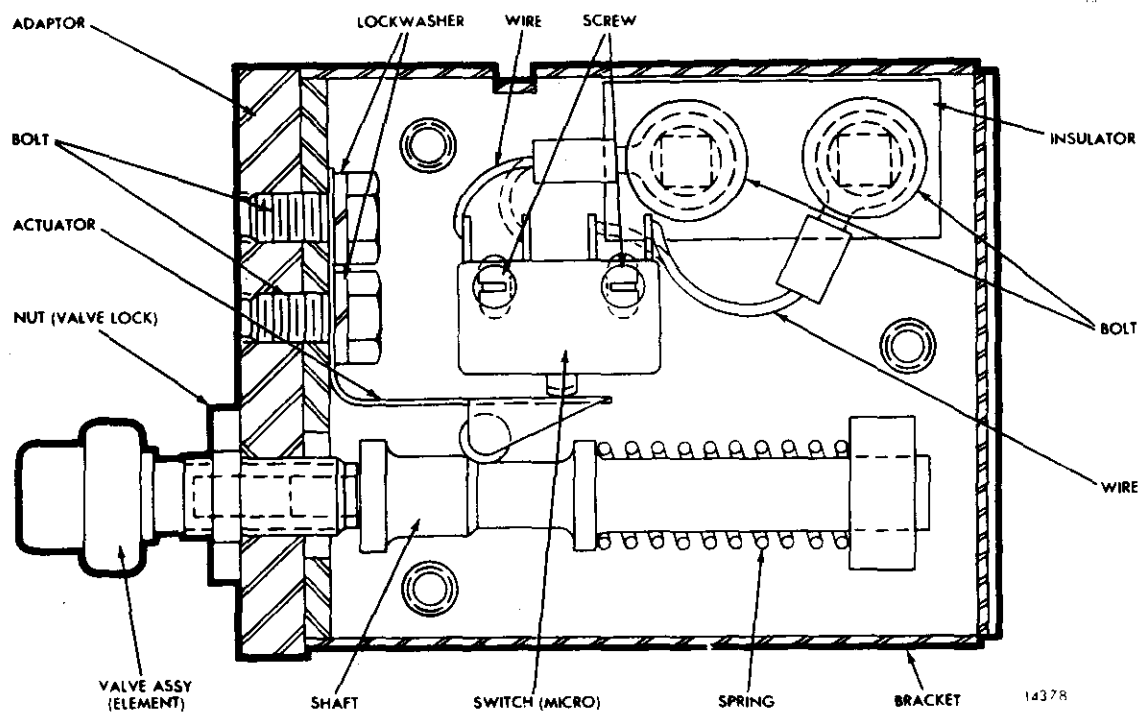


FIG. 4B SWITCH ASSY., WATER TEMPERATURE SHUTDOWN (7.4505)

Figs. 4A & 4B of 7.0000

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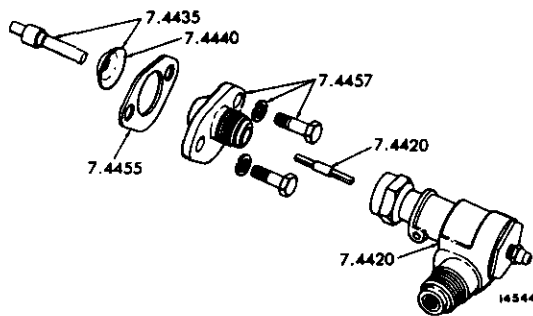


FIG. 5A FRONT MOUNTED CAM DRIVE

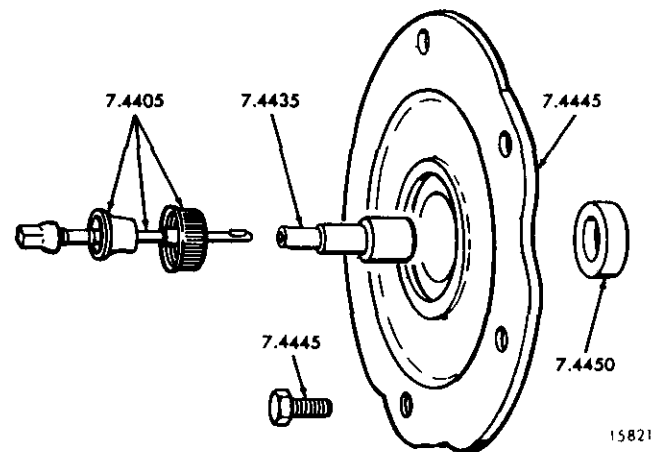


FIG. 5B REAR MOUNTED
WITH FLEXIBLE SHAFT

TACHOMETER DRIVE

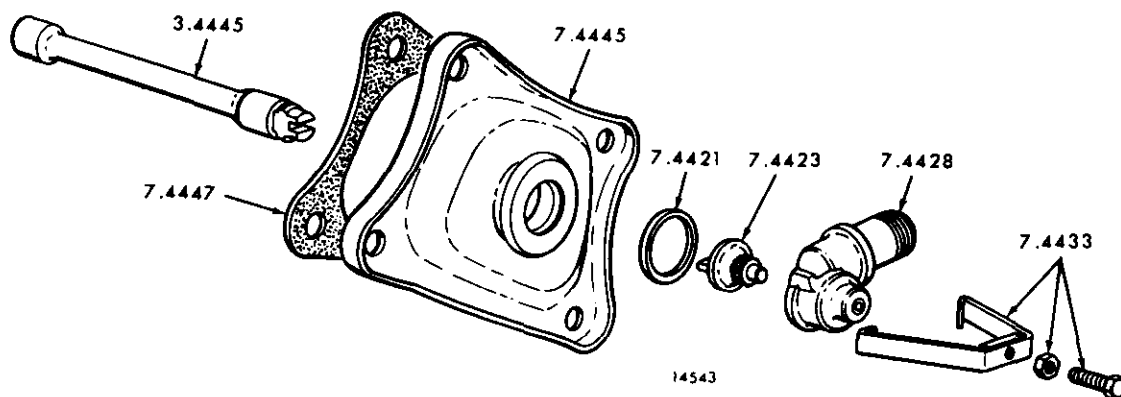


FIG. 5C TACHOMETER DRIVE

Figs. 5A, 5B & 5C of 7.0000

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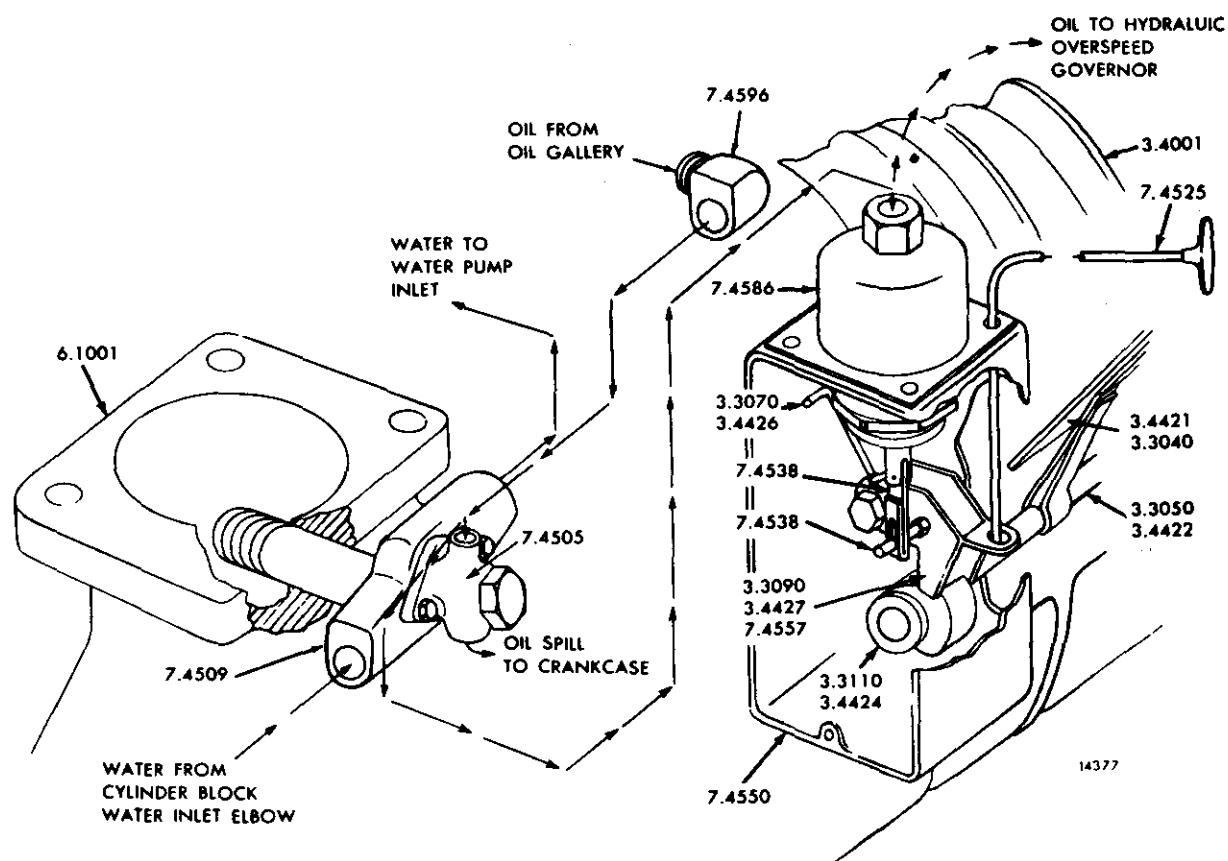


FIG. 6A AUTOMATIC SHUTDOWN

Fig. 6A of 7.0000

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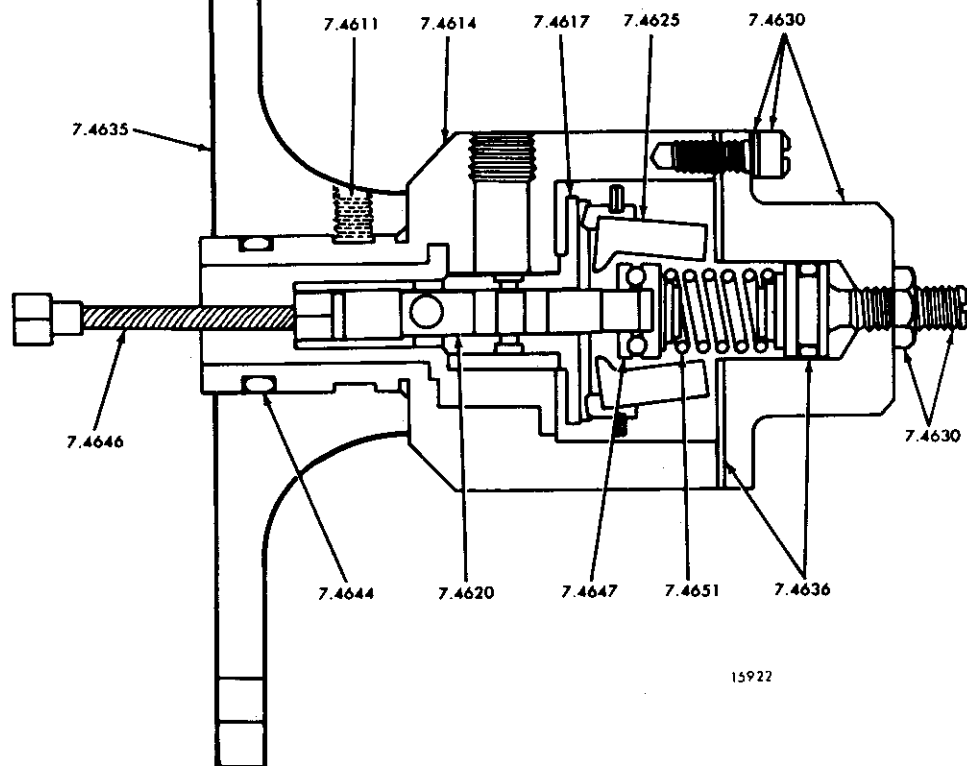


FIG. 6B OVERSPEED GOVERNOR
(Hydraulic Dump Type)

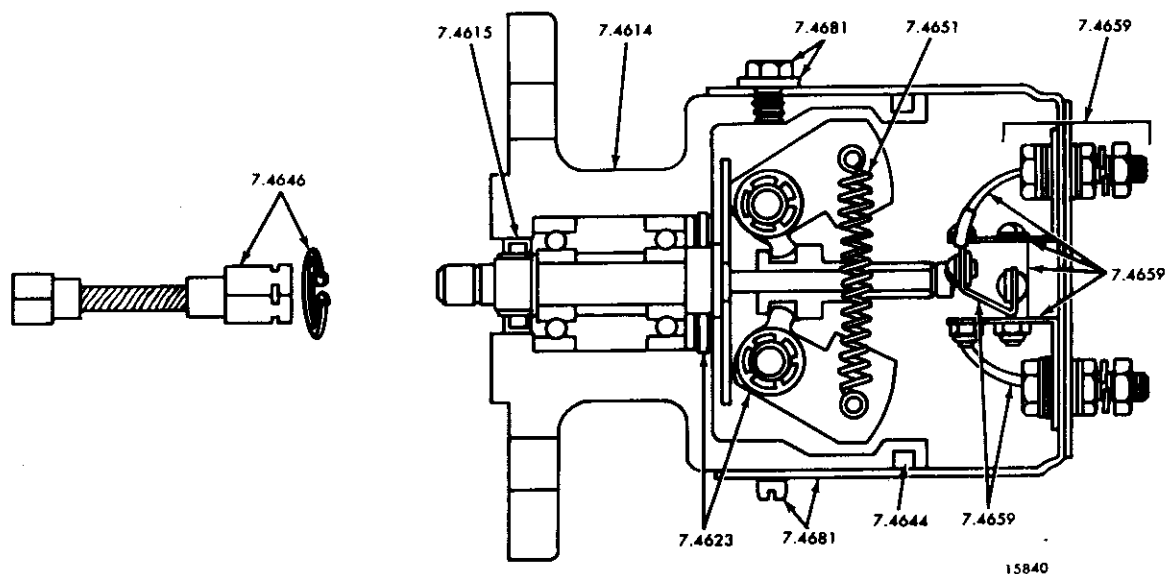


FIG. 6C OVERSPEED GOVERNOR
(Single Switch Electric)

Figs. 6B & 6C of 7.0000

OCT., 1978

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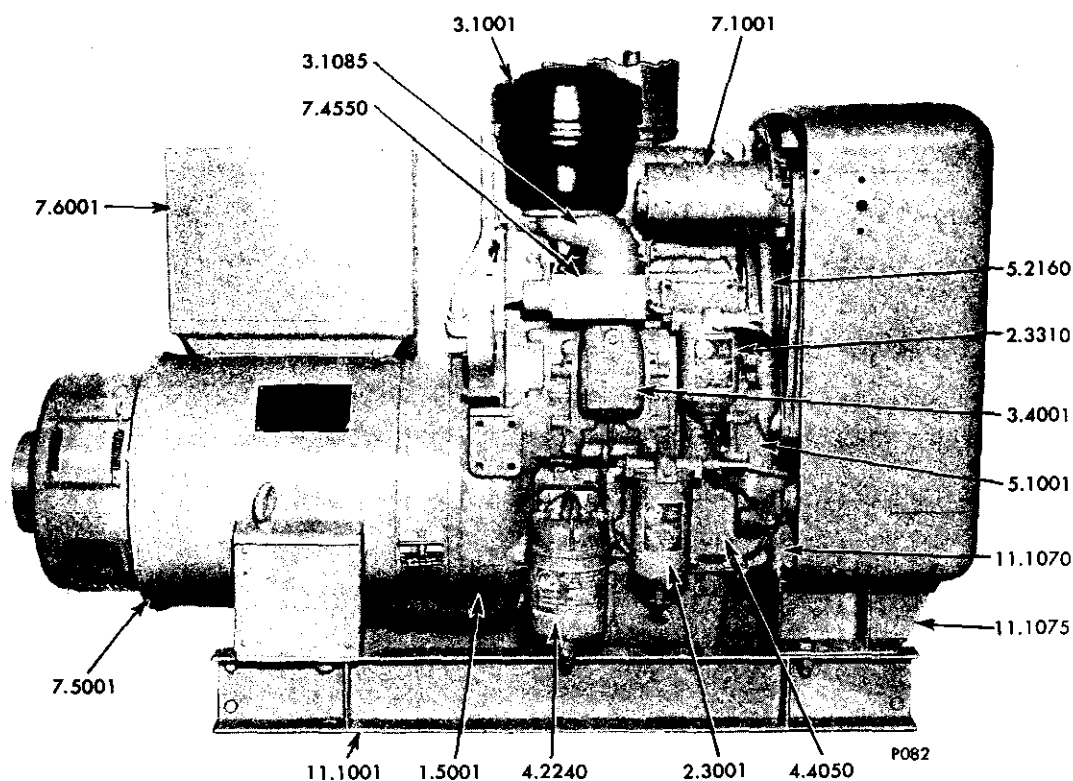
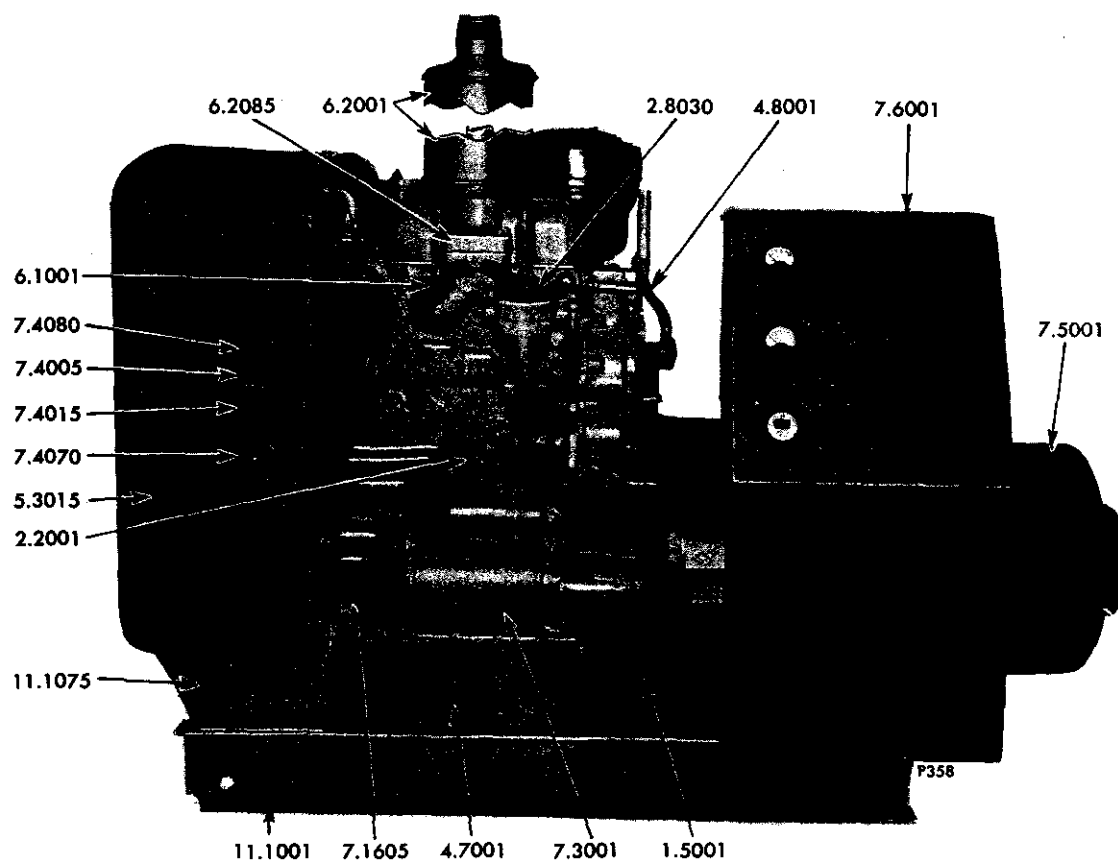


FIG. 10A POWER GENERATOR UNIT

Fig. 10A of 7.0000

7.1000A BATTERY CHARGING GENERATOR

PART			TYPES											
.FIG	NUMBER	NAME AND DESCRIPTION	3 6 9	5 9 0	5 9 5	5 9 7	6 0 7	6 0 8	6 2 2	6 2 3	6 2 4	6 2 5	6 3 2	6 5 0
7.1001 - GENERATOR ASSY.														
SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO.														
1A	1102288	* GENERATOR (12V., 25 AMP., C.C.W.)		1	1		1				1	1		
1A	1102287	* GENERATOR (12V., 25 AMP., C.W.)				1		1	1	1			1	1
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)					2							2
	100014	BOLT, 5/16"-24X1" (12.9001)			2			2	1	1	1	1		
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)		2										
	103320	LOCKWASHER, 5/16" (12.9200)			2		2	2	2	2	2	2		2
	103321	LOCKWASHER, 3/8" (12.9200)		2										
	114493	LOCKNUT, 5/16"-24 (2.7170)			2		2							
* NOT SERVICED BY DDA.														
7.1440 - FAN, GENERATOR														
1866400	* FAN		1	1	1	1	1	1	1	1	1	1	1	1
* NOT SERVICED BY DDA.														
7.1470 - BAFFLE, GENERATOR FAN														
1877887	* BAFFLE		1	1	1	1	1	1			1	1	1	1
* NOT SERVICED BY DDA.														
7.1500 - PULLEY, GENERATOR														
1A	5132527	PULLEY, 2.76" DIA., 2 GROOVES	1											1
1A	5121246	PULLEY, 3.76" DIA., 2 GROOVES		1	1		1	1	1	1	1	1		
1A	5121811	+ PULLEY				1							1	
+ NOT SERVICED, USE 5132527 PLUS SD-72.														
7.1575 - BELT, GENERATOR DRIVE														
ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.														
1A	5124432	BELT (31.20"LX.380"W.)											1	
1A	9433618	BELT (34"LX.380"W.) (5.1215)				1								
1A	5133174	BELT SET (2 BELTS, 40"LX.380"W.)												1
1A	5120937	BELT SET (2 BELTS, 41.62"LX.380" W.) (5.1215)	1	1	1		1	1	1	1	1	1		
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5129088	STRAP	1	1										
1A	5173255	STRAP												1
1A	5121069	STRAP (8.30"L.)			1		1	1	1	1	1	1		

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		3 6 9	5 9 0	5 9 5	5 9 7	6 0 7	6 0 8	6 2 2	6 2 3	6 2 4	6 2 5	6 3 2	6 5 0
	7.1580 - STRAP, GENERATOR ADJUSTING (CONT'D)												
	188625 BOLT, 5/16"-18X7/8" (12.9001)		1	1		1	1	1	1	1	1		1
	179838 BOLT, 5/16"-16X7/8" (12.9001)		1	1			1	1	1	1	1		1
	186627 BOLT, 3/8"-24X1" (12.9001)					1							
	5150230 WASHER, 3/8" (3.4120)		1	1	1	1	1	1	1	1	1		1
	103320 LOCKWASHER, 5/16" (12.9200)		AR	AR		AR	AR	AR	AR	AR	AR		AR
	103321 LOCKWASHER, 3/8" (12.9200)		AR	AR		AR	AR	AR	AR	AR	AR		AR
	117049 NUT, 3/8"-24 (12.9120)					1							
	7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY												
	5123533 GUARD							1					
	5123527 GUARD								1				
	5123534 GUARD									1			
	5123528 GUARD											1	
	186271 BOLT, 5/16"-18X3 3/4" (12.9001)							1	1	1	1	1	
	120393 LOCKWASHER, 5/16" (12.9200)							1	1	1	1	1	
	103320 LOCKWASHER, 5/16" (12.9200)							AR	AR	AR	AR		
	120376 NUT, 5/16"-18 (12.9120)							1	1	1	1		
	7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD												
	5123529 BRACKET												
	454745 SCREW, 1/4"-28X1/2" (12.9025)									2		2	
	5101265 RETAINER (1/4"-28 SCREW)									2		2	
	179847 BOLT, 3/8"-16X2" (12.9001)									1		1	
	7.1590 - SPACER, GENERATOR DRIVE BELT AND PULLEY GUARD												
	5129841 @ SPACER (2 1/2"L.)							1	1	1	1		
	5175304 SPACER (13/32" I.D. X 1 1/16"L.) (11.1160)									1		1	
	5164292 WASHER (5/32" X 7/16" X 1 1/2") (1.7605)							1		1			
	@ OBSOLETE.												
	7.1595 - BRACKET, GENERATOR MOUNTING												
1A	5126936 BRACKET	1	1			1	1	1	1	1	1		1
1A	5125837 BRACKET			1									
	5175705 SPACER (13/32" I.D. X 1"L.) (8.3826)		3										3

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		3 6 9	5 9 0	5 9 5	5 9 7	6 0 7	6 0 8	6 2 2	6 2 3	6 2 4	6 2 5	6 3 2	6 5 0	
	7.1595 - BRACKET, GENERATOR MOUNTING (CONT'D)													
	100014 BOLT, 5/16"-24X1" (12.9001)							1	1	1	1			
	179839 BOLT, 3/8"-16X1" (12.9001)			3		3	3	3	3	3	3			
	186679 BOLT, 3/8"-16X1 1/4" (12.9001)				3									
	179848 BOLT, 3/8"-16X2 1/4" (12.9001)		3										3	
	103320 LOCKWASHER, 5/16" (12.9200)							2	2	2				
	103321 LOCKWASHER, 3/8" (12.9200)		3	3		3	3	3	3	3	3		3	
	7.1605 - REGULATOR, VOLTAGE													
	1118955 * REGULATOR (POSITIVE RETURN)		1	1	1	1	1	1	1	1	1	1	1	1
	106276 SCREW, 1/4"-28X1 1/8" (12.9001)					4							4	
	120380 LOCKWASHER, 1/4" (12.9200)					4							4	
	121902 NUT, 1/4"-28 (12.9120)					4							4	
	* NOT SERVICED BY DDA.													
	7.1610 - PLATE, VOLTAGE REGULATOR MTG.													
	5185708 PLATE					1								
	5139507 PLATE													
	179835 BOLT, 3/8"-16X5/8" (12.9001)					2							1	
	103321 LOCKWASHER, 3/8" (12.9200)					2							2	

7.1000A BATTERY CHARGING GENERATOR

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		6 5 3	6 5 7	6 5 8	6 5 9	6 6 0	6 6 1	6 6 2	6 6 3	6 6 6	6 6 7	6 6 8	6 6 9
7.1001 - GENERATOR ASSY.														
SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO.														
1A	1102288	* GENERATOR (12V., 25 AMP., C.C.W.)					1	1		1				
1A	1102287	* GENERATOR (12V., 25 AMP., C.W.)			1	1			1		1		1	1
1A	1100367	* @ GENERATOR (12V., 25 AMP., C.W.)	1	1										
1A	1106985	* GENERATOR (12V., 50 AMP., C.W.)										1		
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)							2					
	100014	BOLT, 5/16"-24X1" (12.9001)									2			
	186654	BOLT, 5/16"-24X1 1/8" (12.9001)									2			2
	100015	BOLT, 5/16"-24X1 1/4" (12.9001)											2	
	181668	BOLT, 7/16"-20X1 1/4" (12.9001)										2		
	103320	LOCKWASHER, 5/16" (12.9200)							2	2	2		2	2
	120383	LOCKWASHER, 7/16" (12.9200)										2		
	114493	LOCKNUT, 5/16"-24 (2.7170)								2	2		2	2
	456939	NUT, 7/16"-20 (12.9120)										2		
@ INCLUDES FAN, BAFFLE AND PULLEY. * NOT SERVICED BY DDA.														
7.1440 - FAN, GENERATOR														
	1866400	* FAN			1	1	1	1	1	1	1		1	1
	1944437	* FAN	1	1										
	1935356	* FAN (INCLUDES PULLEY) * NOT SERVICED BY DDA.										1		
7.1470 - BAFFLE, GENERATOR FAN														
	1877887	* BAFFLE * NOT SERVICED BY DDA.	1	1		1	1	1	1	1	1		1	1
7.1500 - PULLEY, GENERATOR														
1A	5121246	PULLEY, 3.76" DIA., 2 GROOVES			1	1	1	1	1	1	1			1
1A	5121811	+ PULLEY, 2.76" DIA., 1 GROOVE + NOT SERVICED, USE 5132527 PLUS SD-72.	1	1									1	
7.1575 - BELT, GENERATOR DRIVE														
ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.														
1A	5124432	BELT (31.20"L X .380"W.)		1										
1A	9433628	BELT (39"L X .380"W.) (5.6425)											1	
1A	9433637	BELT (43.50"L X .380"W.)	1											
1A	5120937	BELT SET (2 BELTS, 41.62" L X .380" W.)			1	1	1	1			1			
1A	5126356	BELT SET (2 BELTS, 42.50"L X .380"W.) (5.1215)										1		
1A	5125514	BELT SET (2 BELTS, 44.18" L X .380" W.) (5.1215)								1				1

7.1000A BATTERY CHARGING GENERATOR

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	653	657	658	659	660	661	662	663	666	667	668	669
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5121069	STRAP (8.30"L)			1	1	1	1			1			
1A	5109908	STRAP (9.50"L)								1			1	1
1A	5121070	STRAP (9.92"L)										1		
1A	5126856	STRAP (11.78"L)							1					
	186625	BOLT, 5/16"-18X7/8" (12.9001)			1	1	1	1	1	1	1			1
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)											1	
	179838	BOLT, 5/16"-16X7/8" (12.9001)			1	1	1	1	1		1	1		
	186627	BOLT, 3/8"-24X1" (12.9001)								1				1
	181371	BOLT, 3/8"-24X1 1/8" (12.9001)											1	
	5150230	WASHER, 3/8" (3.4120)			1	1	1	1	1	1	1	1	1	1
	103320	LOCKWASHER, 5/16" (12.9200)			AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	103321	LOCKWASHER, 3/8" (12.9200)			AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	117049	NUT, 3/8"-24 (12.9120)								1			1	1
7.1581 - SPACER, GENERATOR ADJUSTING STRAP														
	5157412	SPACER (7.4013)											2	
7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY														
	5123533	GUARD				1								
	5123527	GUARD			1									
	5123534	GUARD					1							
	5123528	GUARD						1						
	5125405	GUARD											1	
	186271	BOLT, 5/16"-18X3 3/4" (12.9001)			1	1	1	1						
	181360	BOLT, 3/8"-24X3/4" (12.9001)											1	
	120393	LOCKWASHER, 5/16" (12.9200)			1	1	1	1						
	103320	LOCKWASHER, 5/16" (12.9200)			AR	AR	AR	AR						
	103321	LOCKWASHER, 3/8" (12.9200)											1	
	120376	NUT, 5/16"-18 (12.9120)			1	1	1	1						
	117049	NUT, 3/8"-24 (12.9120)											1	
7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD														
	5123529	BRACKET			2				2					
	454746	SCREW, 1/4"-28X1/2" (12.9025)			2				2					
	5101265	RETAINER (1/4"-28 SCREW)			2				2					

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	653	657	658	659	660	661	662	663	666	667	668	669
		7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD (CONT'D)												
	179847	BOLT, 3/8"-16X2" (12.9001)			1			1						
		7.1590 - SPACER, GENERATOR DRIVE BELT AND PULLEY GUARD												
	5129841	@ SPACER, 2 1/2" L			1	1	1	1						
	5175304	SPACER, 13/32" I.D. X 1 1/16" L (11.1160)			1			1						
	5164292	WASHER, 5/32" X 7/16" X 1 1/2" (1.7605) @ OBSOLETE.					1	1						
		7.1595 - BRACKET, GENERATOR MOUNTING												
1A	5125837	BRACKET			1	1	1	1	1		1			
1A	5135125	BRACKET								1				1
1A	5124348	BRACKET										1		
1A	5125258	BRACKET											1	
	5135164	SPACER (7.1598)								1				1
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)								1				1
	100014	BOLT, 5/16"-24X1" (12.9001)			1	1	1	1						
	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)								1				1
	179839	BOLT, 3/8"-16X1" (12.9001)			3	3	3	3			3	3		
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)								2			2	2
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)							3					
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)								2				2
	106261	WASHER, 5/16" (12.9190)								1				1
	103321	LOCKWASHER, 3/8" (12.9200)			3	3	3	3	3	4	3	3	2	4
	114493	LOCKNUT, 5/16"-24 (2.7170)									1			1
		7.1605 - REGULATOR, VOLTAGE												
	1118956	* REGULATOR (POSITIVE RETURN)							1	1	1			1
	1118779	* REGULATOR (POSITIVE RETURN)	1	1										
	1119292	* REGULATOR (NEGATIVE RETURN)			1			1						
	1118932	* REGULATOR (NEGATIVE RETURN)				1	1							
	1119619	* REGULATOR (NEGATIVE RETURN)										1		
	1118788	* REGULATOR (POSITIVE RETURN)											1	
	123435	BOLT, 1/4"-28X5/8" (12.9001)												2
	120380	LOCKWASHER, 1/4" (12.9200)												2
	121902	NUT, 1/4"-28 (12.9120) * NOT SERVICED BY DDA.												4
		7.1606 - BRACKET, GENERATOR VOLTAGE REGULATOR MOUNTING												
	5124904	BRACKET												1
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)												2
	103320	LOCKWASHER, 5/16" (12.9200)												2

7.1000A BATTERY CHARGING GENERATOR

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	653	657	658	659	660	661	662	663	666	667	668	669
	7.1606	- BRACKET, GENERATOR VOLTAGE REGULATOR MOUNTING (CONT'D)												
120376		NUT, 5/16"-18 (12.9120)											2	
	7.1612	- MOUNTING ASSY., VOLTAGE REGULATOR												
1910966		* MOUNTING ASSY. (SHOCK) * NOT SERVICED BY DDA.			1	1	1							

7.1000A BATTERY CHARGING GENERATOR

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	670	681	682	687	695	696	697	698	699	700	706	707
		7.1001 - GENERATOR ASSY.												
		SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO.												
1A	1102288	* GENERATOR (12V., 25 AMP., C.C.W.)	1								1	1		
1A	1102287	* GENERATOR (12V., 25 AMP., C.W.)		1	1		1	1	1	1				
1A	1106985	* GENERATOR (12V., 50 AMP., C.W.)				1								
1A	1102117	* GENERATOR (12V., 14 AMP., C.C.W.)											1	1
	100014	BOLT, 5/16"-24X1" (12.9001)						2					2	
	186654	BOLT, 5/16"-24X1 1/8" (12.9001)	2	2	2		2			2	2	2		2
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)							2					
	180147	BOLT, 7/16"-14X1 1/4" (12.9001)				2								
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2		2	2		2	2	2	2	2
	103321	LOCKWASHER, 3/8" (12.9200)						2						
	120383	LOCKWASHER, 7/16" (12.9200)				2								
	114493	LOCKNUT, 5/16"-24 (2.7170)	2	2	2		2	2		2	2	2	2	2
		* NOT SERVICED BY DDA.												
		7.1440 - FAN, GENERATOR												
	1866400	* FAN	1	1	1		1	1	1	1	1	1		
	1935356	* FAN (INCLUDES PULLEY) * NOT SERVICED BY DDA.				1								
		7.1470 - BAFFLE, GENERATOR FAN												
	1877887	* BAFFLE * NOT SERVICED BY DDA.	1	1			1	1			1	1		
		7.1500 - PULLEY, GENERATOR												
1A	5121246	PULLEY, 3.76" DIA., 2 GROOVES	1	1			1	1			1	1	1	1
1A	5132527	PULLEY, 2.76" DIA., 2 GROOVES			1				1	1				
		7.1575 - BELT, GENERATOR DRIVE												
		SIZES GIVEN ARE EFFECTIVE LENGTH AT WIDTH SHOWN. ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.												
1A	5124432	BELT (31.20" L. X .380" W.)						1						
1A	5133175	BELT SET (2 BELTS, 39" L. X .380" W.)										1		
1A	5133174	BELT SET (2 BELTS, 40" L. X .380" W.)							1					
1A	5120937	BELT SET (2 BELTS, 41.62" L. X .380" W.)											1	
1A	5126356	BELT SET (2 BELTS, 42.50" L. X .380" W.)								1				
1A	5133172	BELT SET (2 BELTS, 43" L. X .380" W.)				1								
1A	5125514	BELT SET (2 BELTS, 44.18" L. X .380" W.)	1	1		1	1				1			1
		7.1580 - STRAP, GENERATOR ADJUSTING												
1A	5129088	STRAP							1				1	
1A	5119337	# STRAP (8"L.)										1		
1A	5121069	STRAP (8.70"L.)						1						

7.1000A BATTERY CHARGING GENERATOR

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	6 7 0	6 8 1	6 8 2	6 8 7	6 9 5	6 9 6	6 9 7	6 9 8	6 9 9	7 0 0	7 0 6	7 0 7
7.1580 - STRAP, GENERATOR ADJUSTING (CONT'D)														
1A	5109908	STRAP (9.50"L)	1	1	1		1			1	1			1
1A	5126856	STRAP (11.78"L)				1								
	186625	BOLT, 5/16"-18X7/8" (12.9001)	1	1	1		1	1	1	1	1	1	1	1
	179838	BOLT, 3/8"-16X3/8" (12.9001)				2							1	
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)										1		
	186627	BOLT, 3/8"-24X1" (12.9001)	1	1	1		1	1	1	1	1			1
	5150230	WASHER, 3/8" (3.4120)	1	1	1	1	1	1	1	1	1	1	1	1
	103320	LOCKWASHER, 5/16" (12.9200)	1	1	1		1	1	1	1	1	1	1	1
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR		AR	AR
	117049	NUT, 3/8"-24 (12.9120)	1	1	1		1	1	1	1	1			1
		# OBSOLETE												
7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY														
	5126153	GUARD		1	1									
	5150744	STUD, 5/16"-18-24 X 1 1/4" (5.1020)		2	2									
	186625	BOLT, 5/16"-18X7/8" (12.9001)		2	2									
	103320	LOCKWASHER, 5/16" (12.9200)		4	4									
	114493	LOCKNUT, 5/16"-24 (2.7170)		2	2									
7.1595 - BRACKET, GENERATOR MOUNTING														
1A	5135125	BRACKET	1	1	1		1			1	1			1
1A	5126080	BRACKET				1								
1A	5125837	BRACKET						1					1	
1A	5126936	BRACKET							1					
1A	5119338	@ BRACKET										1		
	5135164	SPACER (7.1598)	1	1	1		1			1	1			1
	186625	BOLT, 5/16"-18X7/8" (12.9001)										3		
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	1	1	1		1			1	1			1
	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)	1	1	1		1			1	1			1
	179839	BOLT, 3/8"-16X1" (12.9001)						3					3	
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2	2	2	3	2			2	2			2
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)							3					
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)	2	2	2		2			2	2			2
	106261	WASHER, 1/4" (12.9190)	1	1	1		1			1	1			1
	103320	LOCKWASHER, 5/16" (12.9200)										3		
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR		AR	AR
	114493	LOCKNUT, 5/16"-24 (2.7170)	1	1	1		1			1	1			1
		@ OBSOLETE												
7.1605 - REGULATOR, VOLTAGE														
	1118955	* REGULATOR (POSITIVE RETURN)	1	1			1	1	1	1	1	1		
	1119292	* REGULATOR (NEGATIVE RETURN)			1									
	1119619	* REGULATOR (NEGATIVE RETURN)				1								

7.1000A BATTERY CHARGING GENERATOR

PART FIG . . . NUMBER NAME AND DESCRIPTION	TYPES									
	6 7 0	6 8 1	6 8 2	6 8 7	6 9 5	6 9 6	6 9 7	6 9 8	6 9 9	7 0 0
7.1605 - REGULATOR, VOLTAGE (CONT'D)										
1119243 * REGULATOR (POSITIVE RETURN)										1
106276 SCREW, 1/4"-28X1 1/8" FIL. HD. (12.9010)	4	4	4		4		4	4	4	
103319 LOCKWASHER, 1/4" (12.9200)	4	4	4		4		4	4	4	
121902 NUT, 1/4"-28 (12.9120)	4	4	4		4		4	4	4	
* NOT SERVICED BY DDA.										
7.1610 - PLATE, VOLTAGE REGULATOR MOUNTING										
5139507 PLATE	1	1	1		1		1	1	1	
179835 BOLT, 3/8"-16X5/8" (12.9001)	2	2	2		2		2	2	2	
103321 LOCKWASHER, 3/8" (12.9200)	2	2	2		2		2	2	2	

7.1000A BATTERY CHARGING GENERATOR

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	7 1 0	7 1 1	7 1 2	7 1 3	7 1 4	7 1 5	7 1 6	7 1 7	7 1 8	7 1 9	7 2 0	7 2 1
7.1001 - GENERATOR ASSY.														
SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO.														
1A	1102288	* GENERATOR (12V., 25 AMP., C.C.W.)	1				1	1			1	1		
1A	1102287	* GENERATOR (12V., 25 AMP., C.W.)		1	1	1			1	1				
1A	1117070	* ALTERNATOR (12V., 60 AMP., C.W., NEGATIVE GROUND)											1	
1A	1117077	* ALTERNATOR (12V., 60 AMP., C.C.W., NEGATIVE GROUND)												1
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)			1	1	1	1	1	1	1	1		
	186270	BOLT, 5/16"-18X3 1/2" (12.9001)	1	1										
	186271	BOLT, 5/16"-18X3 3/4" (12.9001)			1	1	1	1	1	1	1	1		
	100014	BOLT, 5/16"-24X1" (12.9001)	1	1										
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)											1	1
	5157244	BOLT, 3/8"-16 X 1 3/4" (4.4190)											1	1
	120393	WASHER, 5/16" (12.9190)	1	1	1	1	1	1	1	1	1	1		
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2	2	2		
	103321	LOCKWASHER, 3/8" (12.9200)											2	2
	120376	NUT, 5/16"-18 (12.9120)	1	1										
* NOT SERVICED BY DDA.														
7.1440 - FAN, GENERATOR														
	1866400	* FAN	1	1	1	1	1	1	1	1	1	1		
* NOT SERVICED BY DDA.														
7.1470 - BAFFLE, GENERATOR FAN														
	1877887	* BAFFLE	1	1	1	1	1	1	1	1	1	1		
* NOT SERVICED BY DDA.														
7.1500 - PULLEY, GENERATOR														
1A	5121246	PULLEY, 3.76" DIA., 2 GROOVES	1	1	1	1	1	1	1	1	1	1		
	5132527	PULLEY, 2.76" DIA., 2 GROOVES											1	1
7.1575 - BELT, GENERATOR DRIVE														
SIZES GIVEN ARE EFFECTIVE LENGTH AT WIDTH SHOWN. ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.														
1A	5120937	BELT SET (2 BELTS, 41.62" L. X .380" W.)	1	1	1	1	1	1	1	1	1	1		1
1A	5133172	BELT SET (2 BELTS, 43" L. X .380" W.) (5.6425)											1	
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5121069	STRAP (8.70"L.)	1	1										
1A	5121070	STRAP (9.92"L.)			1	1	1	1	1	1	1	1		1
1A	5126856	STRAP (11.78"L.)											1	

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		7 1 0	7 1 1	7 1 2	7 1 3	7 1 4	7 1 5	7 1 6	7 1 7	7 1 8	7 1 9	7 2 0	7 2 1
7.1580 - STRAP, GENERATOR ADJUSTING (CONT'D)													
	186625	BOLT, 5/16"-18X7/8" (12.9001)	1	1	1	1	1	1	1	1	1	1	
	179838	BOLT, 3/8"-16X3/8" (12.9001)	1	1	1	1	1	1	1	1	1	2	1
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)										1	1
	5150230	WASHER, 3/8" (3.4120)	1	1	1	1	1	1	1	1	1	1	1
	103320	LOCKWASHER, 5/16" (12.9200)	1	1	1	1	1	1	1	1	1		
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY													
	5123534	GUARD	1										
	5123533	GUARD		1									
	5126115	GUARD			1			1					
	5126111	GUARD				1			1				
	5126114	GUARD					1			1			
	5126110	GUARD						1			1		
	186271	BOLT, 5/16"-18X3 3/4" (12.9001)			1	1	1	1	1	1	1		
	5164292	WASHER, 7/16" (1.7605)				1		1		1		1	
7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD													
	5126113	BRACKET			2		2		2		2		
7.1590 - SPACER, GENERATOR DRIVE BELT AND PULLEY GUARD													
	5123530	@ SPACER, 2.30" L	1	1							1		
	5175304	SPACER, 13/32" I.D. X 1 1/16" L. (11.1160)				1	1	1	1	1			
	5129841	@ SPACER, 2 1/2" L @ OBSOLETE.			1	1	1	1	1	1		1	
7.1595 - BRACKET, GENERATOR MOUNTING													
1A	5125837	BRACKET	1	1	1	1	1	1	1	1	1		
1A	5126936	BRACKET										1	1
	179839	BOLT, 3/8"-16X1" (12.9001)	3	3									
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)			3	3	3	3	3	3	3		
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)										3	
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	7 1 0	7 1 1	7 1 2	7 1 3	7 1 4	7 1 5	7 1 6	7 1 7	7 1 8	7 1 9	7 2 0	7 2 1
	7.1598	- SPACER, GENERATOR AND MOUNTING BRACKET												
	5175705	SPACER, 13/32" I.D. X 1" L (8.3826)											3	
	7.1605	- REGULATOR, VOLTAGE												
	1118955	* REGULATOR (POSITIVE RETURN)			1	1	1	1						
	1118647	* REGULATOR (POSITIVE RETURN)	1	1										
	1118932	* REGULATOR (NEGATIVE RETURN)							1	1	1	1		
	9000590	* REGULATOR (12V.)											1	1
		* NOT SERVICED BY DDA.												
	7.1607	- CUTOUT ASSY., GENERATOR VOLTAGE REGULATOR												
	1115841	* RELAY ASSY. (12V.)											1	1
		* NOT SERVICED BY DDA.												
	7.1612	- MOUNTING ASSY., VOLTAGE REGULATOR												
	1910966	* MOUNTING ASSY. (SHOCK)							1	1	1	1	1	1
		* NOT SERVICED BY DDA.												
	7.1630	- WIRE ASSY., GENERATOR TO REGULATOR												
	2985054	WIRE ASSY. (BLACK)											1	1

7.1000A BATTERY CHARGING GENERATOR

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	7 2 3	7 2 9	7 3 4	7 3 9	7 4 0	7 4 1	7 4 2	7 4 3	7 4 6	7 5 8	7 5 9	7 6 2
7.1001 - GENERATOR ASSY.														
SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO.														
1A	1102287	* GENERATOR (12V., 25 AMP., C.W.)	1			1		1	1		1			
1A	1102288	* GENERATOR (12V., 25 AMP., C.C.W.)			1		1			1				1
1A	1106868	* GENERATOR (24V., 20 AMP., C.C.W.)										1		
1A	1117070	* @ ALTERNATOR (12V., 60 AMP., C.W., NEGATIVE GROUND)		1										
1A	1117077	* @ ALTERNATOR (12V., 60 AMP., C.C.W., NEGATIVE GROUND)											1	
	5115827	# SPACER, 3/8" I.D. X 1 3/8" L. (2.9360)					1	1	1	1				
	5129605	SPACER, 13/32" I.D. X 11/16" L. (7.1598)												1
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)												1
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)	2		2		1	1	1	1				1
	179822	BOLT, 5/16"-18X1 1/2" (12.9001)												1
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)					1	1	1	1				
	100014	BOLT, 5/16"-24X1" (12.9001)									1			
	181342	BOLT, 5/16"-24X1 3/8" (12.9001)				2								
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)											1	
	179846	BOLT, 3/8"-16X1 7/8" (12.9001)											1	
	181371	BOLT, 3/8"-24X1 3/8" (12.9001)		1										
	100030	BOLT, 3/8"-24X2" (12.9001)		1										
	186645	BOLT, 7/16"-20X1 1/4" (12.9001)										2		
	106263	WASHER, 7/16" (12.9190)										2		
	103320	LOCKWASHER, 5/16" (12.9200)	AR		AR	AR	AR	AR	AR	AR				AR
	103321	LOCKWASHER, 3/8" (12.9200)		AR									AR	
	103322	LOCKWASHER, 7/16" (12.9200)										AR		
	120376	NUT, 5/16"-18 (12.9120)					2	2	2	2				2
	114493	NUT, 5/16"-24 (12.9120)				2								
	117049	NUT, 3/8"-24 (12.9120)		2										
	456939	NUT, 7/16"-20 (12.9120)										2		
		@ INCLUDES FAN AND BAFFLE.												
		# OBSOLETE.												
		* NOT SERVICED BY DDA.												
7.1005 - SHIELD, GENERATOR														
	5129609	SHIELD (HEAT) (7.1001)												1
7.1440 - FAN, GENERATOR														
	1866400	* FAN	1		1	1	1	1	1	1	1			1
	1910036	* FAN ASSY. (INCLUDES BAFFLE)										1		
	132971	SCREW, #12-24X3/8" (12.9025)										4		
	106498	LOCKWASHER, #12 (12.9200)										4		
		* NOT SERVICED BY DDA.												
7.1470 - BAFFLE, GENERATOR FAN														
	1877887	* BAFFLE	1		1	1	1	1	1	1	1			1
		* NOT SERVICED BY DDA.												

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	7 2 3	7 2 9	7 3 4	7 3 9	7 4 0	7 4 1	7 4 2	7 4 3	7 4 6	7 5 8	7 5 9	7 6 2
7.1500 - PULLEY, GENERATOR														
1A	5121246	PULLEY, 3.76" DIA., 2 GROOVES	1		1	1					1		1	1
1A	5126857	# PULLEY, 3.20" DIA., 2 GROOVES		1									1	
1A	5133559	PULLEY, 3.24" DIA., 1 GROOVE					1	1	1	1				
1A	5128998	# PULLEY, 4.0" DIA., 2 GROOVES										1		
		# OBSOLETE												
7.1575 - BELT, GENERATOR DRIVE														
ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARDS" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.														
1A	5133516	BELT (38" L X .500" W.)					1	1	1	1				
1A	5133172	BELT SET (2 BELTS, 43"LX.380"W.)	1		1							1		
1A	5133177	BELT SET (2 BELTS, 37"LX.380"W.)		1		1								
1A	5120937	BELT SET (2 BELTS, 41.62"LX.380"W.)									1			
1A	5125514	BELT SET (2 BELTS, 44.18"LX.380"W.) (5.1215)											1	
1A	5133175	BELT SET (2 BELTS, 39"LX.380"W.)												1
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5127588	STRAP (6.40"L)				1								
1A	5127939	STRAP (6.50"L)					1	1	1	1				
1A	5137977	STRAP (7.76"L)		1										
1A	5121069	STRAP (8.30"L)									1			
1A	5128812	STRAP (8.30"L)												1
1A	5122323	STRAP (9.88"L)										1		
1A	5126856	STRAP (11.78"L)	1		1								1	
	186625	BOLT, 5/16"-18X7/8" (12.9001)	1		1	1	1	1	1	1	1			1
	186629	BOLT, 5/16"-18X1" (12.9001)												1
	179837	BOLT, 3/8"-16X3/4" (12.9001)												
	179838	BOLT, 3/8"-16X7/8" (12.9001)	1		1	1					1		1	
	179839	BOLT, 3/8"-16X1" (12.9001)		1								1		
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)										1		
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)					1	1	1	1				
	465537	BOLT, 3/8"-16X4" (12.9001)			1									
	5150230	WASHER, 3/8" (3.4120)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY														
	5127936	GUARD					1	1	1	1				
	5123533	GUARD									1			
	5129611	GUARD												1

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	7 2 3	7 2 9	7 3 4	7 3 9	7 4 0	7 4 1	7 4 2	7 4 3	7 4 6	7 5 8	7 5 9	7 6 2
		7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY (CONT'D)												
	186271	BOLT, 5/16"-18X3 3/4" (12.9001)									1			
	120393	WASHER, 5/16" (12.9190)									1			
	103320	LOCKWASHER, 5/16" (12.9200)									1			
	120376	NUT, 5/16"-18 (12.9120)									1			
		7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD												
	5127937	BRACKET					1	1	1	1				
	5127861	BRACKET												1
	5127862	BRACKET												1
	5127863	BRACKET												1
	5101265	RETAINER, 1/4"-28 SCREW												3
	180016	BOLT, 1/4"-20X1/2" (12.9001)					1	1	1	1				3
	454745	BOLT, 1/4"-28X1/2" (12.9001)												
	120392	WASHER, 1/4" (12.9190)					1	1	1	1				
	103319	LOCKWASHER, 1/4" (12.9200)					1	1	1	1				
	120375	NUT, 1/4"-20 (12.9120)					1	1	1	1				
		7.1590 - SPACER, GENERATOR DRIVE BELT AND PULLEY GUARD												
	5127941	@ SPACER, 3/8" I.D. X 3.38" L					1	1	1	1				
	5129841	@ SPACER, 2 1/2" L									1			
		@ OBSOLETE.												
		7.1595 - BRACKET, GENERATOR MOUNTING												
1A	5125837	BRACKET	1		1						1			
1A	5127131	BRACKET		1		1								
1A	5127945	BRACKET (FRONT)					1	1	1	1				
1A	5127946	BRACKET (REAR)					1	1	1	1				
1A	5128999	BRACKET										1		
1A	5126936	BRACKET											1	
1A	5129606	BRACKET												1
	186629	BOLT, 5/16"-18X1" (12.9001)					2	2	2	2				
	179839	BOLT, 3/8"-16X1" (12.9001)		3		3					3	3		3
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)	3		3									
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)											3	
	179857	BOLT, 7/16"-14X7/8" (12.9001)					1	1	1	1				
	451925	BOLT, 7/16"-14X4 1/2" (12.9001)					1	1	1	1				
	103342	WASHER, 7/16" (12.9190)					1	1	1	1				
	103320	LOCKWASHER, 5/16" (12.9200)					AR	AR	AR	AR				
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR					AR	AR	AR	AR

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES											
..FIG ...	NUMBER	NAME AND DESCRIPTION											
		7 2 3	7 2 9	7 3 4	7 3 9	7 4 0	7 4 1	7 4 2	7 4 3	7 4 6	7 5 8	7 5 9	7 6 2
	7.1595 - BRACKET, GENERATOR MOUNTING (CONT'D)												
103322	LOCKWASHER, 7/16" (12.9200)					AR	AR	AR	AR				
	7.1598 - SPACER, GENERATOR AND MOUNTING BRACKET												
5175705	SPACER, 13/32" I.D. X 1" L. (8.3826)											3	
	7.1605 - REGULATOR, VOLTAGE												
1118932	* REGULATOR (NEGATIVE RETURN)	1				1	1						1
9000690	* REGULATOR (12V.)		1									1	
1118955	* REGULATOR (POSITIVE RETURN)			1	1			1	1	1			
1118346	* REGULATOR (NEGATIVE RETURN)										1		
106276	SCREW, 1/4"-28X1 1/8" (12.9010)									4			
103319	LOCKWASHER, 1/4" (12.9200)									AR			
121902	NUT, 1/4"-28 (12.9120)									4			
	* NOT SERVICED BY DDA.												
	7.1607 - CUTOUT ASSY., GENERATOR VOLTAGE REGULATOR												
1115841	* RELAY (12V.)		1									1	
	* NOT SERVICED BY DDA.												
	7.1610 - PLATE, VOLTAGE REGULATOR MOUNTING												
5139507	* PLATE									1			
179835	BOLT, 3/8"-16X5/8" (12.9001)									2			
103321	LOCKWASHER, 3/8" (12.9200)									2			
	7.1612 - MOUNTING ASSY., VOLTAGE REGULATOR												
1910966	* MOUNTING ASSY. (SHOCK)	1	1			1	1					1	1
	* NOT SERVICED BY DDA.												
	7.1630 - WIRE ASSY., GENERATOR TO REGULATOR												
2985054	WIRE ASSY. (BLACK)		1									1	

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	7 6 3	7 6 5	7 6 9	7 7 8	7 8 9	7 9 0	7 9 6	7 9 7	8 0 6	8 1 0	8 1 1	8 1 2
7.1001 - GENERATOR ASSY.														
SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO.														
1A	1102287	* GENERATOR (12V., 25 AMP., C.W.)	1			1	1				1	1		
1A	1102288	* GENERATOR (12V., 25 AMP., C.C.W.)			1			1					1	
1A	1106868	* GENERATOR (24V., 20 AMP., C.C.W.)												1
1A	1117070	* @ ALTERNATOR (12V., 60 AMP., C.W., NEGATIVE GROUND)								1				
1A	1117077	* @ ALTERNATOR (12V., 60 AMP., C.C.W., NEGATIVE GROUND)		1										
1A	1117079	* @ ALTERNATOR (32V., 30 AMP., C.C.W., NEGATIVE GROUND)							1					
	3292558	SPACER, 11/32" I.D. X 1/2" L (5.4600)					1	1						
	5129605	SPACER, 13/32" I.D. X 11/16" L (7.1598)	1									1	1	
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	1				1	1				1	1	
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)			1	2						1	1	
	179822	BOLT, 5/16"-18X1 1/2" (12.9001)	1		1		1	1						
	186650	BOLT, 5/16"-18X4 3/4" (12.9001)										1	1	
	100015	BOLT, 5/16"-24X1 1/4" (12.9001)									2			
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)		1					1					
	179847	BOLT, 3/8"-16X2" (12.9001)		1					1					
	181371	BOLT, 3/8"-24X1 3/8" (12.9001)								1				
	100030	BOLT, 3/8"-24X2" (12.9001)								1				
	186645	BOLT, 7/16"-20X1 1/4" (12.9001)												2
	120393	WASHER, 5/16" (12.9190)										1	1	
	103341	WASHER, 3/8" (12.9190)		1					1					
	106263	WASHER, 7/16" (12.9190)												2
	103320	LOCKWASHER, 5/16" (12.9200)	AR		AR		AR	AR			AR	AR	AR	
	103321	LOCKWASHER, 3/8" (12.9200)		AR					AR	AR				
	103322	LOCKWASHER, 7/16" (12.9200)												AR
	120376	NUT, 5/16"-18 (12.9120)	2		2		2	2				2	2	
	114493	NUT, 5/16"-24 (12.9120)									2			
	102635	NUT, 3/8"-16 (12.9120)		2					2					
	117049	NUT, 3/8"-24 (12.9120)								2				
	456939	NUT, 7/16"-20 (12.9120)												2
@ INCLUDES FAN AND BAFFLE. * NOT SERVICED BY DDA.														
7.1005 - SHIELD, GENERATOR														
	5129609	SHIELD (HEAT)	1				1	1				1	1	
	5129294	SHIELD (HEAT)		1					1					
7.1440 - FAN, GENERATOR														
	1866400	* FAN	1		1	1	1	1			1	1	1	
	1910036	* FAN ASSY. (INCLUDES BAFFLE)												1
	132971	SCREW, #12-24X3/8" (12.9025)												4

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	7 6 3	7 6 5	7 6 9	7 7 8	7 8 9	7 9 0	7 9 6	7 9 7	8 0 6	8 1 0	8 1 1	8 1 2
		7.1440 - FAN, GENERATOR (CONT'D)												
	106498	LOCKWASHER, #12 (12.9200) * NOT SERVICED BY DDA.												4
		7.1470 - BAFFLE, GENERATOR FAN												
	1877887	* BAFFLE * NOT SERVICED BY DDA.	1		1	1	1	1			1		1	
		7.1500 - PULLEY, GENERATOR												
1A	5121246	PULLEY, 3.76" DIA., 2 GROOVES	1			1	1	1						
1A	5126857	# PULLEY, 3.20" DIA., 2 GROOVES								1				
1A	5128998	# PULLEY, 4.0" DIA., 2 GROOVES												1
1A	5132527	PULLEY, 2.76" DIA., 2 GROOVES # OBSOLETE		1	1				1		1	1	1	
		7.1575 - BELT, GENERATOR DRIVE												
		ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARDS" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.												
1A	9433264	BELT (37"LX.380"W.) (1.3320)			1									
1A	5180887	BELT (39"LX.380"W.) (5.6425)									1			
1A	5133172	BELT SET (2 BELTS, 43"LX.380"W.)												1
1A	5133177	BELT SET (2 BELTS, 37"LX.380"W.)								1				
1A	5120937	BELT SET (2 BELTS, 41.62"LX.380"W.)				1								
1A	5133175	BELT SET (2 BELTS, 39"LX.380"W.)	1				1	1						
1A	5133174	BELT SET (2 BELTS, 40"LX.380"W.)		1					1					
1A	5133176	BELT SET (2 BELTS, 38"LX.380"W.)										1	1	
		7.1580 - STRAP, GENERATOR ADJUSTING												
1A	5100102	STRAP (5.78" L.) (7.1585)												1
1A	5164295	STRAP (6.50"L.)			1									
1A	5137977	STRAP (7.76"L.)								1				
1A	5128812	STRAP (8.30"L.)						1						
1A	5129608	STRAP (8.66"L.)												
1A	5109908	STRAP (9.50"L.)									1		1	
1A	5128686	STRAP (9.90"L.)	1				1							
1A	5129607	STRAP (10.04"L.)										1		
1A	5126856	STRAP (11.78"L.)				1								
1A	5129112	STRAP (13.08"L.)		1					1					
	186625	BOLT, 5/16"-18X7/8" (12.9001)	1		1	1	1	1				1	1	
	186629	BOLT, 5/16"-18X1" (12.9001)	1				1	1				1	1	
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)									1			

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES											
.FIG	NUMBER	NAME AND DESCRIPTION											
		7 6 3	7 6 5	7 6 9	7 7 8	7 8 9	7 9 0	7 9 6	7 9 7	8 0 6	8 1 0	8 1 1	8 1 2
7.1580 - STRAP, GENERATOR ADJUSTING (CONT'D)													
179837	BOLT, 3/8"-16X3/4" (12.9001)		1					1					
179838	BOLT, 3/8"-16X7/8" (12.9001)				1				1				
179839	BOLT, 3/8"-16X1" (12.9001)		1	1				1					
186619	BOLT, 3/8"-16X1 1/8" (12.9001)								1				1
181371	BOLT, 3/8"-24X1 3/8" (12.9001)									1			
5150230	WASHER, 3/8" (3.4120)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
103321	LOCKWASHER, 3/8" (12.9200)		AR	AR	AR			AR	AR	AR			AR
102635	NUT, 3/8"-16 (12.9120)								1				
117049	NUT, 3/8"-24 (12.9120)									1			
7.1581 - SPACER, GENERATOR ADJUSTING STRAP													
5157412	SPACER, 7/8" I.D. X 1/4" L (7.4013)									2			
7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY													
5129611	GUARD						1						
5127885	@ GUARD	1				1							
5135420	@ GUARD		1					1					
5126111	GUARD				1							1	
5129610	@ GUARD										1		
5100101	GUARD												1
186271	BOLT, 5/16"-18X3 3/4" (12.9001)					1							
120393	WASHER, 5/16" (12.9190)					1							
103320	LOCKWASHER, 5/16" (12.9200)					1							
	@ OBSOLETE												
7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD													
5127861	BRACKET	1				1	1						
5127862	BRACKET	1				1	1						
5127863	BRACKET						1						
5127864	BRACKET	1				1							
5129361	BRACKET		1					1					
5129362	BRACKET		1					1					
5126113	BRACKET										1	1	
5129668	BRACKET										1	1	
5101265	RETAINER, 1/4"-28 SCREW	3	3			3	3	3			3	3	3
454745	BOLT, 1/4"-28X1/2" (12.9001)	3	3			3	3	3			3	3	3
179847	BOLT, 3/8"-16X2" (12.9001)										1	1	
427588	BOLT, 3/8"-16X2 1/2" (12.9001)								1				
186627	BOLT, 3/8"-24X1" (12.9001)		2					2					

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	7 6 3	7 6 5	7 6 9	7 7 8	7 8 9	7 9 0	7 9 6	7 9 7	8 0 6	8 1 0	8 1 1	8 1 2
7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD (CONT'D)														
	103341	WASHER, 3/8" (12.9190)		1					1			1	1	
	103321	LOCKWASHER, 3/8" (12.9200)		2					2			1	1	
	117049	NUT, 3/8"-24 (12.9120)		2					2					
7.1590 - SPACER, GENERATOR DRIVE BELT AND PULLEY GUARD														
	5129841	@ SPACER, 2 1/2" L				1						1	1	
	5177000	SPACER, 15/32" I.D. X .80" L (7.1598)		1					1					
	5175304	SPACER, 13/32" I.D. X 1 1/16" L (11.1160)										1	1	
		@ OBSOLETE.												
7.1595 - BRACKET, GENERATOR MOUNTING														
1A	5125837	BRACKET				1								
1A	5127131	BRACKET								1				
1A	5129606	BRACKET	1				1	1				1	1	
1A	5109097	# BRACKET		1	1				1					
1A	5125258	BRACKET									1			
1A	5100060	+ BRACKET												1
	5126323	SHIM, .012" THICK (4.4115)		AR					AR					
	106327	BOLT, 5/16"-18X1 3/8" (12.9001)		2	2				2					
	179839	BOLT, 3/8"-16X1" (12.9001)	3				3	3				3	3	3
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)								3	2			
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)				3								
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)		1	1				1					
	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	103321	LOCKWASHER, 3/8" (12.9200)												
		# NOT SERVICED; USE (1) 5142647 AND (1) 5137450 BRACKETS.												
		+ OBSOLETE.												
7.1605 - REGULATOR, VOLTAGE														
	1118932	* REGULATOR (NEGATIVE RETURN)	1											
	9000590	* REGULATOR (12V.)		1						1				
	1118955	* REGULATOR (POSITIVE RETURN)			1	1	1	1						
	1118346	* REGULATOR (NEGATIVE RETURN)												1
	9000593	* REGULATOR (32V.)							1					
	1118788	* REGULATOR (POSITIVE RETURN)									1			
	1119292	* REGULATOR (NEGATIVE RETURN)										1	1	
	123435	SCREW, 1/4"-28X5/8" (12.9010)									2			
	106276	SCREW, 1/4"-28X1 1/8" (12.9010)				4								

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	7 6 3	7 6 5	7 6 9	7 7 8	7 8 9	7 9 0	7 9 6	7 9 7	8 0 6	8 1 0	8 1 1	8 1 2
		7.1605 - REGULATOR, VOLTAGE (CONT'D)												
	103319	LOCKWASHER, 1/4" (12.9200)				AR					AR			
	121902	NUT, 1/4"-28 (12.9120) * NOT SERVICED BY DDA.				4					2			
		7.1606 - BRACKET, GENERATOR VOLTAGE REGULATOR MOUNTING												
	5124904	BRACKET (7.1610)										1		
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)										2		
	103320	LOCKWASHER, 5/16" (12.9200)										2		
	120376	NUT, 5/16"-18 (12.9120)										2		
		7.1607 - CUTOUT ASSY., GENERATOR VOLTAGE REGULATOR												
	1115841	* RELAY (12V.)		1						1				
	1115842	* RELAY (30 - 32V.) * NOT SERVICED BY DDA.							1					
		7.1610 - PLATE, VOLTAGE REGULATOR MOUNTING												
	5139507	PLATE					1							
	179835	BOLT, 3/8"-16X5/8" (12.9001)					2							
	103321	LOCKWASHER, 3/8" (12.9200)					2							
		7.1612 - MOUNTING ASSY., VOLTAGE REGULATOR												
	1910966	* MOUNTING ASSY. (SHOCK) * NOT SERVICED BY DDA.	1	1						1				
		7.1630 - WIRE ASSY., GENERATOR TO REGULATOR												
	2985054	WIRE ASSY. (BLACK)		1						1				
	2985055	WIRE ASSY. (BROWN)							1					

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	8 1 6	8 1 8	8 2 0	8 2 5	8 2 7	8 2 8	8 3 1	8 3 2	8 3 4	8 3 5	8 4 0	8 4 2
7.1001 - GENERATOR ASSY.														
SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO.														
NPN GENERATOR (CUSTOMER FURNISHED)														
1A	1102288	* GENERATOR (12V., 25 AMP., C.C.W.)	1	1		1		1	1		1	1	1	1
1A	1102176	* GENERATOR (12V., 35 AMP., C.W.)			1									
1A	1102287	* GENERATOR (12V., 25 AMP., C.W.)					1							
1A	1105222	* GENERATOR (24V., 18 AMP., C.W., INSL.)								1				
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)									1	1		
	179822	BOLT, 5/16"-18X1 1/2" (12.9001)							1				1	
	186272	BOLT, 5/16"-18X4" (12.9001)							1		1	1	1	
	186654	BOLT, 5/16"-24X1 1/8" (12.9001)					2	2						
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)	2			2								2
	181371	BOLT, 3/8"-24X1 3/8" (12.9001)			2					2				
	120393	WASHER, 5/16" (12.9190)									1	1		
	103320	LOCKWASHER, 5/16" (12.9200)					AR	AR	AR		AR	AR	AR	
	103321	LOCKWASHER, 3/8" (12.9200)	2		2	2				2				2
	120376	NUT, 5/16"-18 (12.9120)							2				2	
	114493	LOCKNUT, 5/16"-24 (2.7170)					2	2						
	117049	NUT, 3/8"-24 (12.9120)			2					2				
* NOT SERVICED BY DDA.														
7.1440 - FAN, GENERATOR														
	1866400	* FAN	1	1		1	1	1	1		1	1	1	1
	1959703	* FAN (INCLUDES BAFFLE)			1									
	1937276	* FAN (INCLUDES BAFFLE)								1				
	5100149	SPACER, .68" I.D. X .26" L.		1										
* NOT SERVICED BY DDA.														
7.1470 - BAFFLE, GENERATOR FAN														
	1877887	* BAFFLE	1	1		1		1	1		1	1	1	1
* NOT SERVICED BY DDA.														
7.1500 - PULLEY, GENERATOR														
1A	5132527	PULLEY, 2.76" DIA., 2 GROOVES	1		1	1	1	1	1	1	1	1	1	1
1A	5100148	PULLEY, 2.76" DIA., 2 GROOVES		1										
7.1503 - SPACER, GEN. DRIVEN PULLEY														
	5108425	SPACER (UNDER PULLEY NUT) (.67" I.D. X 1 1/8" O.D. X .50" W.)				1								
7.1575 - BELT, GENERATOR DRIVE														

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	818	818	820	825	827	828	831	832	834	835	840	842
7.1575 - BELT, GENERATOR DRIVE (CONT'D)														
ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.														
1A	9433622	BELT (36" L X .380" W.) (5.6425)			1					1				
1A	9433264	BELT (37" L X .380" W.) (1.3320)							1				1	
1A	5133174	BELT SET (2 BELTS, 40.50" L X .380" W.)		1		1					1	1		1
1A	5120937	BELT SET (2 BELTS, 41.62" L X .380" W.)	1											
1A	5126356	BELT SET (2 BELTS, 42.50" L X .380" W.) (5.1215)					1	1						
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5121070	STRAP	1											
1A	5128225	STRAP		1										
1A	5127588	STRAP			1					1				
1A	5129088	STRAP				1					1	1		1
1A	5109908	STRAP					1	1						
1A	5164295	STRAP							1				1	
	186625	BOLT, 5/16"-18X7/8" (12.9001)	1		1	1	1	1	1	1	1	1	1	1
	179838	BOLT, 3/8"-16X7/8" (12.9001)	1		1				1	1	1	1	1	1
	179839	BOLT, 3/8"-16X1" (12.9001)		1					1				1	
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)		1		1								
	186627	BOLT, 3/8"-24X1" (12.9001)					1	1						
	5150230	WASHER, 3/8" (3.4120)	1	1	1	1	1	1	1	1	1	1	1	1
	103320	LOCKWASHER, 5/16" (12.9200)	1		1	1	1	1	1	1	1	1	1	1
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	117049	NUT, 3/8"-24 (12.9120)					1	1						
7.1585 - GUARD, GEN. DRIVE BELT AND PULLEY														
	5132556	GUARD							1				1	
	5126110	GUARD									1	1		
	217220	BOLT, 5/16"-24X3 3/4" (12.9001)							1				1	
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)							1				1	
	103320	LOCKWASHER, 5/16" (12.9200)							1				1	
	114493	LOCKNUT, 5/16"-24 (2.7170)							1				1	
7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD														
	5129361	BRACKET							1				1	
	5101265	RETAINER, 1/4"-20 SCREW (7.1585)							1				1	
	120628	BOLT, 1/4"-20X1 1/2" (12.9025)							1				1	
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)							1				1	
7.1590 - SPACER, GENERATOR DRIVE BELT AND PULLEY GUARD														
	5177000	SPACER, 15/32" I.D. X .80" L (7.1598)							1				1	
	5156405	SPACER, 15/32" I.D. X 2" L (7.1581)							1				1	
	5129841	* SPACER, 13/32" I.D. X 2 1/2" L									1	1	1	

7.1000A BATTERY CHARGING GENERATOR

PART			TYPES											
..FIG ..	NUMBER ..	NAME AND DESCRIPTION ..	8 1 6	8 1 8	8 2 0	8 2 5	8 2 7	8 2 8	8 3 1	8 3 2	8 3 4	8 3 5	8 4 0	8 4 2
7.1590 - SPACER, GENERATOR DRIVE BELT AND PULLEY GUARD (CONT'D)														
	5126962	SPACER, 3/8" I.D. X 2.76" L. (4.6040) * OBSOLETE.							1					
7.1595 - BRACKET, GENERATOR MOUNTING														
1A	5126936	BRACKET	1			1								1
1A	5100134	BRACKET		1										
1A	5127131	BRACKET			1					1				
1A	5135125	BRACKET					1	1						
1A	5109097	# BRACKET							1				1	
1A	5125837	BRACKET									1	1		
	5135164	SPACER (7.1598)					1	1						
	5126323	SHIM, .012" THICK (4.4115)							AR				AR	
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)					1	1						
	106327	BOLT, 5/16"-18X1 3/8" (12.9001)							2				2	
	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)					1	1						
	179839	BOLT, 3/8"-16X1" (12.9001)			3					3				
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)					2	2						
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)		3		3					3	3		3
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)					2	2	1				1	
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)	3											
	106261	WASHER, 5/16" (12.9190)					1	1						
	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR	AR	AR	AR	2	AR	AR	AR	2	AR
	103321	LOCKWASHER, 3/8" (12.9200)						1	1					
	114493	LOCKNUT, 5/16"-24 (2.7170)												
		# NOT SERVICED; USE 5142647 AND 5137460 BRACKETS.												
7.1598 - SPACER, GENERATOR AND MOUNTING BRACKET														
	5175705	SPACER, 13/32" I.D. X 1" L. (8.3826)	3											
7.1605 - REGULATOR, VOLTAGE														
NPN		REGULATOR (CUSTOMER FURNISHED)		1										
	1118955	* REGULATOR (POSITIVE RETURN)	1			1	1	1					1	1
	1119168	* REGULATOR (NEGATIVE RETURN)			1									
	1119292	* REGULATOR (NEGATIVE RETURN)							1		1			
	1119285	* REGULATOR (POSITIVE RETURN)								1				
	106276	SCREW, 1/4"-28X1 1/8" (12.9010)				4		4						
	181317	SCREW, 1/4"-28X1 1/4" (12.9010)					4							
	103319	LOCKWASHER, 1/4" (12.9200)				4	4	4						
	121902	NUT, 1/4"-28 (12.9120)				4	4	4						
		* NOT SERVICED BY DDA.												

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	8 1 8	8 1 8	8 2 0	8 2 5	8 2 7	8 2 8	8 3 1	8 3 2	8 3 4	8 3 5	8 4 0	8 4 2
7.1610 - PLATE, VOLTAGE REGULATOR MTG.														
5139507	PLATE					1		1						
5108318	PLATE						1							
5159347	SPACER, 13/32" I.D. X 1/2" L (7.1581)						3							
179835	BOLT, 3/8"-16X5/8" (12.9001)					2		2						
186612	BOLT, 3/8"-16X1 3/8" (12.9001)						3							
103321	LOCKWASHER, 3/8" (12.9200)					AR	AR	AR						
7.1630 - WIRE ASSY., GEN. TO REGULATOR														
5126038	WIRE (REGULATOR TO REGULATOR MOUNTING)						1							
5108617	WIRING HARNESS, VOLTAGE REGULATOR							1						
3223197	CLIP (7.4580)							1						
179837	BOLT, 3/8"-16X3/4" (12.9001)							1						
103341	WASHER, 3/8" (12.9190)							1						
103321	LOCKWASHER, 3/8" (12.9200)							1						

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	8 4 3	8 4 4	8 4 5	8 4 6	8 4 7	8 4 8	8 5 0	8 5 1	8 5 2	8 5 4	8 5 7	8 5 8
7.1001 - GENERATOR ASSY.														
SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO.														
1A	1102288	* GENERATOR (12V., 25 AMP., C.C.W.)	1					1				1		
1A	1102287	* GENERATOR (12V., 25 AMP., C.W.)		1	1	1	1		1	1	1		1	1
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)			1	1				1				
	186654	BOLT, 5/16"-24X1 1/8" (12.9001)	2					2					2	2
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)		2					2		2	2		
	181371	BOLT, 3/8"-24X1 3/8" (12.9001)					2							
	103320	LOCKWASHER, 5/16" (12.9200)	AR					AR					AR	AR
	103321	LOCKWASHER, 3/8" (12.9200)		2			2		2		2	2		
	114493	LOCKNUT, 5/16"-24 (2.7170)	2					2					2	2
	117049	NUT, 3/8"-24 (12.9120)					2							
* NOT SERVICED BY DDA.														
7.1440 - FAN, GENERATOR														
	1866400	* FAN	1	1	1	1	1	1	1	1	1	1	1	1
* NOT SERVICED BY DDA.														
7.1470 - BAFFLE, GENERATOR FAN														
	1877887	* BAFFLE	1		1	1		1		1		1		
* NOT SERVICED BY DDA.														
7.1500 - PULLEY, GENERATOR														
1A	5132527	PULLEY, 2.76" DIA., 2 GROOVES	1	1	1	1	1	1	1	1	1	1	1	1
7.1575 - BELT, GENERATOR DRIVE														
ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.														
1A	9433622	BELT (36" L. X .380" W.) (5.6425)					1							
1A	5133174	BELT SET (2 BELTS, 40.50" L. X .380" W.)			1	1				1	1			
1A	5120937	BELT SET (2 BELTS, 41.62" L. X .380" W.)												
1A	5126356	BELT SET (2 BELTS, 42.50" L. X .380" W.) (5.1215)		1					1			1		
1A	5133172	BELT SET (2 BELTS, 43" L. X .380" W.)	1											
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5121070	STRAP									1			
1A	5127588	STRAP					1							
1A	5129088	STRAP		1	1	1			1	1				
1A	5109908	STRAP	1					1					1	1
1A	5126856	STRAP												
	186625	BOLT, 5/16"-18X7/8" (12.9001)	1	1	1	1	1	1	1	1	1	1	1	1