

11.1000A ENGINE MOUNTING AND BASE

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	2 0 5	2 0 8	2 1 2	2 1 3	2 1 4	2 1 6	2 1 7	2 1 8	2 1 9	2 2 0	2 2 1	2 2 5
11.1100 - SUPPORT, ENGINE REAR														
	5174197	SUPPORT	2											
1A,C	5167882	SUPPORT					2							2
	5111382	SUPPORT						2						
1A,C	179882	BOLT, 1/2"-13X1 1/8" (12.9001)	8				8							8
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)						8						
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)	4					4						
	103323	LOCKWASHER, 1/2" (12.9200)	12				8	12						8
	117051	NUT, 1/2"-20 HEX. (12.9120)	4					4						
11.1105 - SPACER, ENGINE REAR SUPPORT														
	5177859	ADAPTOR					4							
11.1115 - PANEL, ENGINE SUPPORT REAR														
1A,B	5167883	PANEL					1							1
	5170298	BRACE, PANEL (R.H.)					1							1
	5170297	BRACE, PANEL (L.H.)					1							1
	179839	BOLT, 3/8"-16X1" (12.9001)					2							2
	181429	BOLT, 1/2"-20X1 1/4" (12.9001)					6							
	103343	WASHER, 1/2" FLAT (12.9190)					6							
	103321	LOCKWASHER, 3/8" (12.9200)					2							2
	103323	LOCKWASHER, 1/2" (12.9200)					6							
	117062	NUT, 3/8"-16 HEX. (12.9120)					2							2
	117051	NUT, 1/2"-20 HEX. (12.9120)					6							
11.1120 - MOUNTING, ENGINE REAR SUPPORT ELASTIC														
	5174985	MOUNTING (2 1/4")												2
	5169401 @	MOUNTING ASSY. (2 1/2")												2
	5185898 #	* ANGLE (11.1072)		4	4									
	5185900	PAD (11.1072)		4	4									
	5185899	BLOCK (11.1072)		2	2									
	5185937	BUSHING (11.1072)		4	4									
	5185915	SPACER (11.1072)		4	4									
	5113251	SHIM					AR							
	5186850	LOCKPLATE		2	2									
	181455 #	* BOLT, 9/16"-18X1 1/2" (12.9001)		4	4									
	181459	BOLT, 9/16"-18X2" (12.9001)				4								
	223811	BOLT, 9/16"-18X2" (12.9001)		6	6									
	181460	BOLT, 9/16"-18X2 1/4" (12.9001)		4										
	181467 #	* BOLT, 9/16"-18X4" (12.9001)		4	4									
	271595	BOLT, 5/8"-17X4" (12.9001)					2							2
	103345	WASHER, 5/8" FLAT (12.9190)					2							2
	5169819	WASHER (5/8" BEVEL) (11.1072)			AR	AR								

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	2 0 5	2 0 8	2 1 2	2 1 3	2 1 4	2 1 6	2 1 7	2 1 8	2 1 9	2 2 0	2 2 1	2 2 5
	11.1120	MOUNTING, ENGINE REAR SUPPORT ELASTIC (CONT'D)												
5184222		WASHER (1 1/8" DIA.) (7.8200)												2
5169134		WASHER (2 7/8" DIA.) (11.1072)												2
103325		LOCKWASHER, 5/8" (12.9200)					2							2
454730		NUT, 9/16"-18 HEX. LOCK (12.9140)			16	12								
117053		NUT, 5/8"-18 HEX. (12.9120)					2							2
		# FIG. 10E OF 7.0000.												
		* FIG. 6C OF 3.0000.												
		@ NOT SERVICED, USE 5174985 MOUNTING AND 5184222 WASHER.												

11.1000A ENGINE MOUNTING AND BASE

PART			TYPES											
..FIG	NUMBER	NAME AND DESCRIPTION	2 2 7	2 3 6	2 4 1	2 4 2	2 4 3	2 4 4	2 4 5	2 4 6	2 4 7	2 5 2	2 5 4	2 5 5
11.1001 - BASE, ENGINE MOUNTING														
1G	5170957	* BASE (83 5/8"L.) (6 CYL.)	1											
1G	5123877	* BASE (64"L.) (6 CYL.)		1										
1G	5110727	* BASE (106 5/8"L.) (6 CYL.)			1									
1G	5112952	* BASE (83 5/8"L.) (6 CYL.)				1								
1G	5113055	* BASE (70 1/8"L.) (6 CYL.)					1							
1D	5113052	* BASE (42 1/2"L.) (2 CYL.)						1						
1G	5113053	* BASE (57 1/2"L.) (4 CYL.)							1					
1G	5113054	* BASE (52 1/2"L.) (3 CYL.)								1				
1A,B	5112882	* BASE (2 CYL.)												1
	5167104	SPACER (6.2022)	2											
	5166936	NIPPLE												1
	103341	WASHER, 3/8" FLAT (12.9190)			8									
	5170971	WASHER, 3/8" BEVEL (5.3015)	AR	AR			AR	AR						
	5170530	WASHER, 3/4" BEVEL (11.1073)		AR	AR		AR	AR	AR	AR	AR			AR
	5167615	WASHER, 1/2" BEVEL (11.1073)	2	2			2	2						
	5166937	NUT												1
		* NOT SERVICED.												
11.1002 - PLATE, ENGINE LIFTING														
	5178495	PLATE (SAFETY)			1									
	5177544	SLEEVE			3									
	5175114	WASHER			3									
	186692	BOLT, 1/2"-20X2 3/4" (12.9001)			3									
	103323	LOCKWASHER, 1/2" (12.9200)			3									
11.1035 - BUSHING, STARTING MOTOR CABLE INSULATION														
1D,H	5166891	BUSHING	1	1	1	1	1	1	1	1	1	1		
	5169559	NUT	1	1	1	1	1	1	1	1	1	1		
11.1050 - RAIL, ENGINE MOUNTING														
	5183446	@ RAIL ASSY. (FRONT AND REAR)			1									
	5124017	RAIL (FRONT AND REAR)			2									
	5123071	% RAIL (ENGINE END)			1									
	5123072	% RAIL (ALTERNATOR END)			1									
	5123070	RAIL ASSY. (EXTENSION)			1									
	5111397	% RAIL											1	
	5123099	* RAIL			1									
	5112490	% RAIL											1	
	9413536	* BEARING, CAM ROLLER			6									
	5124016	* SPACER			6									
	5177543	CLAMP			2									
	5177546	WASHER, SPECIAL			2									

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		2 2 7	2 3 6	2 4 1	2 4 2	2 4 3	2 4 4	2 4 5	2 4 6	2 4 7	2 5 2	2 5 4	2 5 5
11.1050 - RAIL, ENGINE MOUNTING (CONT'D)													
5177512	# & SUPPORT, ROLLER					18							
5177515	# & RACE, ROLL-OUT BEARING INNER					18							
444916	# & CAGE, BEARING					18							
5177511	# & ROLLER, ROLL-OUT					18							
5177513	# & RETAINER, ROLL-OUT ROLLER					18							
5177548	# SHAFT ASSY., SAFETY CATCH			1									
5177536	# SPRING, SAFETY CATCH			1									
5177540	# SAFETY CATCH			1									
5178087	# WIRE, SAFETY CATCH RELEASE			1									
139013	# SCREW, 1/4"-28 SET (12.9076)			1									
138927	* SCREW, 3/4"-16X1 1/4" SET (12.9076)			4									
5177997	# CHAIN ASSY., SAFETY (REAR)			1									
103387	* PIN, 1/8"X1 1/2" COTTER (12.9250)			1									
5177526	* BOLT, LOCKING			1									
5177545	BOLT			2									
117366	# BOLT, 3/8"-16X2 1/4" FL. SL. HD. (12.9010)			6									
420647	& BOLT, 3/8"-24X2 1/4" FL. SL. HD. (12.9010)			12									
190270	BOLT, 1/2"-13X4 1/4" (12.9001)										2		
109858	BOLT, 1/2"-20X1 7/8" (12.9001)										2		
181443	BOLT, 1/2"-20X3 1/4" (12.9001)			6									
106264	# WASHER, 7/16" FLAT (12.9190)			18									
103345	* WASHER, 5/8" FLAT (12.9190)			6									
103321	# LOCKWASHER, 3/8" (12.9200)			18									
103323	LOCKWASHER, 1/2" (12.9200)			6							10		
103325	* LOCKWASHER, 5/8" (12.9200)			6									
117062	# NUT, 3/8"-16 HEX. (12.9120)			6									
117049	& NUT, 3/8"-24 HEX. (12.9120)			12									
117051	NUT, 1/2"-20 HEX. (12.9120)			6							10		
117053	* NUT, 5/8"-18 HEX. (12.9120)			6									
451082	* NUT, 3/4"-18 HEX. LOCKING (12.9140)			4									
@ THRU 3A-36545 NOT SERVICED AS AN ASSEMBLY, COMPONENT PARTS ARE AVAILABLE. FOR REPLACEMENT USE 5123070 RAIL ASSEMBLY IN 11.1050. * PART OF 5123070 RAIL ASSY. # PART OF 5110094 RAIL ASSY. & PART OF 5183446 RAIL ASSY. % OBSOLETE													
11.1070 - SUPPORT, ENGINE FRONT													
5184276	SUPPORT (BRACKET)			1									
5185239	SUPPORT			1									
5112486	% SUPPORT											1	

1E

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	2 7	2 3 6	2 4 1	2 4 2	2 4 3	2 4 4	2 4 5	2 4 6	2 4 7	2 5 2	2 5 4	2 5 5
		11.1070 - SUPPORT, ENGINE FRONT (CONT'D)												
	5170831 #	BRACKET										2		
	5185477	SCREW, 3/4"-10X3" (JACK)			2									
	5176779	EYE BOLT, 3/4"-10 (1.2070)			1									
	179838	BOLT, 3/8"-16X1" (12.9001)			4									
	186626	BOLT, 7/16"-14X1 5/8" (12.9001)			4									
	186646	BOLT, 1/2"-13X1 3/4" (12.9001)										8		
	179895	BOLT, 1/2"-13X3 1/2" (12.9001)			1									
	103321	LOCKWASHER, 3/8" (12.9200)			4									
	103322	LOCKWASHER, 7/16" (12.9200)			4									
	103323	LOCKWASHER, 1/2" (12.9200)		AR	1							8		
	220081	NUT, 3/4"-10 HEX. (12.9120)			2									
		# FIG. 1H OF 9.0000.												
		% OBSOLETE												
		11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC												
	2269319	MOUNTING ASSY.											2	
	2061960	STUD (11.1100)											2	
	2223685	BOLT											2	
		11.1073 - SPACER, ENGINE FRONT SUPPORT												
1E,G	5170127	SPACER (2 7/32"L.)	2											
1E,G	5163858	SPACER (17/32"L.)	2											
	186340	BOLT, 1/2"-20X5 1/2" (12.9001)	2											
	103323	LOCKWASHER, 1/2" (12.9200)	2											
		11.1100 - SUPPORT, ENGINE REAR												
1E	5174197	SUPPORT	2											
1E	5167557	SUPPORT (BRACKET)	2											
	186725	BOLT, 1/2"-13X1 1/2" (12.9001)	4											
	186646	BOLT, 1/2"-13X1 3/4" (12.9001)	8											
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)	4											
	103323	LOCKWASHER, 1/2" (12.9200)	16											
	120371	NUT, 1/2"-20 HEX. (12.9120)	16											
		11.1120 - MOUNTING, ENGINE REAR SUPPORT ELASTIC												
	5115812	MOUNTING ASSY. (11.1190)			3									
	5175115	WASHER			6									
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)			4									

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PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2 2 7	2 3 6	2 4 1	2 4 2	2 4 3	2 4 4	2 4 5	2 4 6	2 4 7	2 5 2	2 5 4	2 5 5
	11.1120	MOUNTING, ENGINE REAR SUPPORT ELASTIC (CONT'D)												
	109858	BOLT, 1/2"-20X1 7/8" (12.9001)			10									
	103323	LOCKWASHER, 1/2" (12.9200)			14									
	117051	NUT, 1/2"-20 HEX. (12.9120)			4									

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	2 5 6	2 5 8	2 6 2	2 6 4	2 6 6	2 6 8	2 6 9	2 7 0	2 7 1	2 7 2	2 7 3	2 7 4	
11.1001 - BASE, ENGINE MOUNTING															
1G	5112825	* BASE (52 1/2"L.) (4 CYL.)									1				
1G	5114869	* BASE ASSY. (46 3/4"L.) (3 CYL.)												1	
	5167104	SPACER (6.2022)									2				
	5170971	WASHER, 3/8" BEVEL (5.3015)									AR			AR	
	5170530	WASHER, 3/4" BEVEL (11.1073)												AR	
	5167615	WASHER, 1/2" BEVEL (11.1073)								2				4	
		* NOT SERVICED.													
11.1035 - BUSHING, STARTING MOTOR CABLE INSULATION															
1D,H	5166891	BUSHING									1			1	
	5169559	NUT									1			1	
11.1050 - RAIL, ENGINE MOUNTING															
1E	5114613	RAIL, FRONT							1						
1E	5114612	RAIL, FRONT (11.1070)								1					
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)							2	2					
	103323	LOCKWASHER, 1/2" (12.9200)							2	2					
	117051	NUT, 1/2"-20 HEX. (12.9120)							2	2					
11.1070 - SUPPORT, ENGINE FRONT															
1A	5111381	SUPPORT	1												
1E	5113810	SUPPORT			1								1		
1E	5114461	SUPPORT					1								
	5170832 #	SUPPORT (BRACKET)						1							
	5176779	EYE BOLT, 3/4"-10 (1.2070)					1								
	186626	BOLT, 7/16"-14X1 5/8" (12.9001)					4								
	186646	BOLT, 1/2"-13X1 3/4" (12.9001)	2					4							
	179895	BOLT, 1/2"-13X3 1/2" (12.9001)					1								
	181436	BOLT, 1/2"-20X2 1/4" (12.9001)			2								2		
	5121674	WASHER, 9/16" BEVEL (11.1073)	2												
	103322	LOCKWASHER, 7/16" (12.9200)					4								
	103323	LOCKWASHER, 1/2" (12.9200)	2		2		1	4					2		
	117051	NUT, 1/2"-20 HEX. (12.9120)	2		2								2		
		# FIG. 1F OF 9.0000.													
11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC															
	5155374	CUSHION												2	
	453649	BOLT, 1/2"-20X5 1/4" (12.9001)												2	
	3290041	WASHER (CUSHION)												2	

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			TYPES												
FIG	PART NUMBER	NAME AND DESCRIPTION	2 5 6	2 5 8	2 6 2	2 6 4	2 6 6	2 6 8	2 6 9	2 7 0	2 7 1	2 7 2	2 7 3	2 7 4	
	11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC (CONT'D)														
	5121674	WASHER, 1/2" BEVEL (11.1073)											4		
	122761	NUT, 1/2"-20 HEX. SL. (12.9130)											2		
	11.1073 - SPACER, ENGINE FRONT SUPPORT														
	5170680	SPACER (1 23/32"L.)											2		
	117051	NUT, 1/2"-20 HEX. (12.9120)	2												
	11.1075 - BRACKET, ENGINE SUPPORT														
	5114463	BRACKET					1								
	5114618	BRACKET "B" ENGINE							1						
	5114617	BRACKET "D" ENGINE								1					
	179839	BOLT, 3/8"-16X1" (12.9001)					4								
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)							3	3					
	179884	BOLT, 1/2"-13X1 3/8" HEX. (12.9001)	4												
	181429	BOLT, 1/2"-20X1 1/4" (12.9001)							2	2					
	103321	LOCKWASHER, 3/8" (12.9200)					4								
	103323	LOCKWASHER, 1/2" (12.9200)	4						2	2					
	117051	NUT, 1/2"-20 HEX. (12.9120)							2	2					
	11.1100 - SUPPORT, ENGINE REAR														
1E	5174197	SUPPORT											2		
1E	5167557	SUPPORT (BRACKET)										2			
1A	5112881	SUPPORT	2												
	5113584	SUPPORT		2											
	5113611	SUPPORT ASSY. (11.1120)		2		2									
1E	5112487	SUPPORT ASSY. (REAR FRAME)		2		2									
	5114013 #	BRACKET (REAR)							2	2					
	5113556	BRACKET, REAR			2		2								
	5112434	SPACER (FLYWHEEL HOUSING)		2											
	180175	BOLT, 1/2"-13X1 1/4" (12.9001)	8	8									8		
	186725	BOLT, 1/2"-13X1 1/2" (12.9001)			4			4							
	186646	BOLT, 1/2"-13X1 3/4" (12.9001)										4			
	181429	BOLT, 1/2"-20X1 1/4" (12.9001)		8		8									
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)											4		
	181720	BOLT, 9/16"-18X1" (12.9001)		6											
	181725	BOLT, 9/16"-18X1 1/4" (12.9001)				4									
	181737	BOLT, 9/16"-18X3 1/4" (12.9001)				2									
	271562	BOLT, 5/8"-11X2" (12.9001)							4	4					
	121458	WASHER, 9/16" FLAT (12.9190)				6									
	103329	LOCKWASHER, 1/2" (HEAVY) (12.9200)		8											
	103323	LOCKWASHER, 1/2" (12.9200)	8	8	4	8		4				4	4		
	103330	LOCKWASHER, 9/16" (HEAVY) (12.9200)		6		6									

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PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	2 5 6	2 5 8	2 6 2	2 6 4	2 6 6	2 6 8	2 6 9	2 7 0	2 7 1	2 7 2	2 7 3	2 7 4
		11.1100 - SUPPORT, ENGINE REAR (CONT'D)												
	103325	LOCKWASHER, 5/8" (12.9200)							4	4				
	120371	NUT, 1/2"-20 HEX. (12.9120) # OBSOLETE		14		8							4	
		11.1105 - SPACER, ENGINE REAR SUPPORT												
	5177859	ADAPTOR (2 1/4" DIA.)	4											
		11.1115 - PANEL, ENGINE SUPPORT REAR												
1A,B	5167883	PANEL	1											
	5170298	BRACE, PANEL (R.H.)	1											
	5170297	BRACE, PANEL (L.H.)	1											
	179839	BOLT, 3/8"-16X1" (12.9001)	2											
	181429	BOLT, 1/2"-20X1 1/4" (12.9001)	4											
	103343	WASHER, 1/2" FLAT (12.9190)	4											
	103321	LOCKWASHER, 3/8" (12.9200)	2											
	103323	LOCKWASHER, 1/2" (12.9200)	4											
	117062	NUT, 3/8"-16 HEX. (12.9120)	2											
		11.1120 - MOUNTING, ENGINE REAR SUPPORT ELASTIC												
	271595	BOLT, 5/8"-18X4" (12.9001)	2											
	103345	WASHER, 5/8" FLAT (12.9190)	2											
	103325	LOCKWASHER, 5/8" (12.9200)	2											
	117053	NUT, 5/8"-18 HEX. (12.9120)	2											

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PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	2 7 5	2 7 7	2 8 0	2 8 1	2 9 2	2 9 6	2 9 8	2 9 9	3 0 2	3 0 3	3 0 9	3 2 1
11.1001 - BASE, ENGINE MOUNTING														
1H	5115028	* BASE ASSY. (INCLUDES CONVERTER TANK) (3 CYL.)		1										
1G	5113221	* BASE ASSY. (46 1/2"L.) (3 CYL.)						1						
1H	5120914	* BASE ASSY. (INCLUDES FUEL TANK)(4CYL											1	
1D	5171828	* BASE (72 1/16"L.) (2 CYL.)	1											
1G	5119739	* BASE (38 1/4"L.) (2 CYL.)								1				
1G	5119548	* BASE (52 1/2"L.) (3 CYL.)									1			
	5167232	CAP (2.6030)											1	
	5192602	GAGE (2.6010)											1	
	5192603	SCREEN (2.6020)											1	
	5166936	NIPPLE								2				
	5166937	NUT								2				
	5167104	SPACER (6.2022)						2			2			
	5145010	PLUG, 1/4" PIPE (12.9550)											4	
	5170971	WASHER, 3/8" BEVEL (5.3015)		AR				AR			AR			
	5121674	WASHER, 1/2" BEVEL (11.1073)		2				2			2			
	5170530	WASHER, 3/4" BEVEL (11.1073)	AR	AR				AR						
		* NO LONGER AVAILABLE FOR SERVICE, CUSTOMER MUST FABRICATE.												
11.1002 - PLATE, ENGINE LIFTING														
	5178495	PLATE (SAFETY)												1
	5177544	SLEEVE (7.1581)												3
	5175114	WASHER												3
	186692	BOLT, 1/2"-20X2 3/4" (12.9001)												3
	103323	LOCKWASHER, 1/2" (12.9200)												3
11.1035 - BUSHING, STARTING MOTOR CABLE INSULATION														
1D,H	5166891	BUSHING	1	1				1			1		1	
	5169559	NUT	1	1				1			1		1	
11.1050 - RAIL, ENGINE MOUNTING														
	5124017	RAIL (FRONT AND REAR)												2
	5123071	% RAIL (ENGINE END)												1
	5123072	% RAIL (ALTERNATOR END)												1
	5123099	* RAIL												1
	5183446	@ RAIL ASSY. (EXTENSION)												1
	5123070	RAIL ASSY. (EXTENSION)												1
	5177543	CLAMP												2
	5177512	# & SUPPORT, ROLLER												18
	5177515	# & RACE, ROLL-OUT BEARING INNER												18
	444916	# & CAGE, BEARING												18

11.1000A ENGINE MOUNTING AND BASE

PART			TYPES											
..FIG	NUMBER	NAME AND DESCRIPTION	2 7 5	2 7 7	2 8 0	2 8 1	2 9 2	2 9 6	2 9 8	2 9 9	3 0 2	3 0 3	3 0 9	3 2 1
11.1050 - RAIL, ENGINE MOUNTING (CONT'D)														
	5177511	# & ROLLER, ROLL-OUT												18
	5177513	# & RETAINER, ROLL-OUT ROLLER												18
	5177548	# SHAFT ASSY., SAFETY CATCH												1
	5177536	# SPRING, SAFETY CATCH												1
	5177540	# SAFETY CATCH												1
	5178087	# WIRE, SAFETY CATCH RELEASE												1
	5177997	# CHAIN ASSY., SAFETY (REAR)												1
	9413536	* BEARING, CAM ROLLER												6
	5124016	* SPACER												6
	139013	# SCREW, 1/4"-28 SET (12.9076)												1
	138927	* SCREW, 3/4"-16X1 1/4" SET (12.9076)												4
	103387	* PIN, 1/8"X1 1/2" COTTER (12.9250)												1
	5177545	BOLT												2
	5177526	* BOLT, LOCKING												1
	117366	# BOLT, 3/8"-16X2 1/4" FL. SL. HD. (12.9010)												6
	420647	& BOLT, 3/8"-24X2 1/4" FL. SL. HD. (12.9010)												12
	181443	BOLT, 1/2"-20X3 1/4" HEX. (12.9001)												6
	5177546	WASHER												2
	106264	# WASHER, 7/16" FLAT (12.9190)												18
	103345	* WASHER, 5/8" FLAT (12.9190)												6
	103321	# LOCKWASHER, 3/8" (12.9200)												18
	103323	LOCKWASHER, 1/2" (12.9200)												6
	103325	* LOCKWASHER, 5/8" (12.9200)												6
	117062	# NUT, 3/8"-16 HEX. (12.9120)												6
	117049	& NUT, 3/8"-24 HEX. (12.9120)												12
	117051	NUT, 1/2"-20 HEX. (12.9120)												6
	117053	* NUT, 5/8"-18 HEX. (12.9120)												6
	451082	* NUT, 3/4"-18 HEX. LOCKING (12.9140)												4
	* PART OF 5123070 RAIL ASSY. @ PRIOR TO 3A-36546 NOT SERVICED AS AN ASSY., COMPONENTS PARTS ARE AVAILABLE. FOR REPLACEMENT USE 5123070 RAIL ASSY. IN 11.1050. # PART OF 5110094 RAIL ASSY. & PART OF 5183446 RAIL ASSY. % OBSOLETE													
11.1070 - SUPPORT, ENGINE FRONT														
1A	5168507	SUPPORT	1											
1E	5113810	SUPPORT		1										
	5170832	SUPPORT (BRACKET)			1							1		
1A	5118511	SUPPORT							1					
1E	5185239	SUPPORT												1

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	2 7 5	2 7 7	2 8 0	2 8 1	2 9 2	2 9 6	2 9 8	2 9 9	3 0 2	3 0 3	3 0 9	3 2 1
11.1070 - SUPPORT, ENGINE FRONT (CONT'D)														
	5184276	SUPPORT (BRACKET)												1
	5185477	SCREW, 3/4"-10X3" (JACK)												2
	5176779	EYE BOLT, 3/4"-10 (1.2070)												1
	179838	BOLT, 3/8"-16X1" (12.9001)												4
	186626	BOLT, 7/16"-14X1 5/8" (12.9001)												4
	186646	BOLT, 1/2"-13X1 3/4" (12.9001)				4						4		4
	179895	BOLT, 1/2"-13X3 1/2" (12.9001)												1
	181429	BOLT, 1/2"-20X1 1/4" (12.9001)	2											4
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)												4
	181436	BOLT, 1/2"-20X2 1/4" (12.9001)			2									4
	181455	BOLT, 9/16"-18X1 1/2" (12.9001)							2					4
	103321	LOCKWASHER, 3/8" (12.9200)												4
	103322	LOCKWASHER, 7/16" (12.9200)												4
	103323	LOCKWASHER, 1/2" (12.9200)	2		2	4						4		5
	120898	LOCKWASHER, 9/16" (12.9200)							2					
	117051	NUT, 1/2"-20 HEX. (12.9120)	2		2									
	121938	NUT, 9/16"-18 HEX. (12.9120)							2					
	220081	NUT, 3/4"-10 HEX. (12.9120)												2
11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC														
	5174740	MOUNTING ASSY.	1											
	2356569	SUPPORT ASSY. (RUBBER)					2							
	2061960	STUD (11.1100)					1							
	2223685	BOLT					2							
	181428	BOLT, 1/2"-20X1 1/8" (12.9001)	2											
11.1075 - BRACKET, ENGINE SUPPORT														
1C	5168508	BRACKET (FRONT)	1											
1C	179884	BOLT, 1/2"-13X1 3/8" (12.9001)	4											
	103323	LOCKWASHER, 1/2" (12.9200)	4											
11.1100 - SUPPORT, ENGINE REAR														
1A	5178358	SUPPORT	1											
1E	5114013 #	SUPPORT			2	2								
1A	5167882	SUPPORT								2				
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)								2				
	271562	BOLT, 5/8"-11X2" (12.9001)			4	4								
	103323	LOCKWASHER, 1/2" (12.9200)								2				
	103325	LOCKWASHER, 5/8" (12.9200)			4	4								
		# OBSOLETE												

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	2 7 5	2 7 7	2 8 0	2 8 1	2 9 2	2 9 6	2 9 8	2 9 9	3 0 2	3 0 3	3 0 9	3 2 1
11.1115 - PANEL, ENGINE SUPPORT REAR														
1A,B	5167883	PANEL								1				
	5170298	BRACE, PANEL (R.H.)								1				
	5170297	BRACE, PANEL (L.H.)								1				
	179839	BOLT, 3/8"-16X1" (12.9001)								2				
	181429	BOLT, 1/2"-20X1 1/4" (12.9001)								6				
	103343	WASHER, 1/2" FLAT (12.9190)								6				
	103321	LOCKWASHER, 3/8" (12.9200)								2				
	103323	LOCKWASHER, 1/2" (12.9200)								6				
	117062	NUT, 3/8"-16 HEX. (12.9120)								2				
	117051	NUT, 1/2"-20 HEX. (12.9120)								6				
11.1120 - MOUNTING, ENGINE REAR SUPPORT ELASTIC														
	5115812	MOUNTING ASSY.												3
	5113611	SUPPORT ASSY.					2							
	5177859	ADAPTOR (2 1/4"L.) (11.1105)							4					
	2061960	STUD, 9/16"-12-18X1 11/16" (11.1100)					1							
	5175115	WASHER, 4"LX1" WIDEX1/4" THICK												7
	109858	BOLT, 1/2"-20X1 7/8" (12.9001)												12
	181270	BOLT, 9/16"-18X1" (12.9001)					6							
	271595	BOLT, 5/8"-18X4" (12.9001)							2					
	103345	WASHER, 5/8" FLAT (12.9190)							2					
	103323	LOCKWASHER, 1/2" (12.9200)												12
	103320	LOCKWASHER, 9/16" (12.9200)					3							
	103325	LOCKWASHER, 5/8" (12.9200)							2					
	117051	NUT, 1/2"-20 HEX. (12.9120)												4
	117053	NUT, 5/8"-18 HEX. (12.9120)							2					

11.1000A ENGINE MOUNTING AND BASE

PART			TYPES										
..FIG ..	NUMBER	NAME AND DESCRIPTION	3 2 2	3 2 3	3 2 6	3 2 7	3 3 1	3 4 2	3 4 3	3 4 4	3 4 6	3 4 7	3 4 8
11.1001 - BASE, ENGINE MOUNTING													
1G	5113221	* BASE ASSY. (46 1/2"L.) (3 CYL.)				1							
1G	5122955	* BASE ASSY. (83.62"L.) (6 CYL.)		1									
1G	5168524	* BASE ASSY. (6 CYL.)								1			
1G	5123299	* BASE ASSY. (81 9/16"L.) (6 CYL.)											1
1G	5123275	* BASE (72 1/8"L.) (6 CYL.)						1					
1G	5123300	* BASE (64 5/16"L.) (3 CYL.)									1		
1G	5123301	* BASE (70 1/4"L.) (4 CYL.)										1	
	5170971	WASHER, 3/8" BEVEL (5.3015)		AR		AR		AR		AR	AR	AR	AR
	5121674	WASHER, 1/2" BEVEL (11.1073)				2		2		2	2	2	2
	5172986	WASHER, 3/4" BEVEL		8									
	5170530	WASHER, 3/4" BEVEL (11.1073)				AR		AR		AR	AR	AR	AR
		* NO LONGER AVAILABLE FOR SERVICE, CUSTOMER MUST FABRICATE.											
11.1035 - BUSHING, STARTING MOTOR CABLE INSULATION													
1D,H	5166891	BUSHING		1		1		1		1	1	1	1
	5169559	NUT		1		1		1		1	1	1	1
11.1070 - SUPPORT, ENGINE FRONT													
1A	5168507	SUPPORT			1								
1E	5122899	SUPPORT					1						
	5161734	SUPPORT								2			
	179838	BOLT, 3/8"-16X1" (12.9001)					4						
	186288	BOLT, 3/8"-16X4 1/2" (12.9001)					1						
	181385	BOLT, 3/8"-24X3" (12.9001)					4						
	186311	BOLT, 3/8"-24X3 3/4" (12.9001)					1						
	186312	BOLT, 3/8"-24X4" (12.9001)					3						
	181428	BOLT, 1/2"-20X1 1/8" (12.9001)		2									
	181443	BOLT, 1/2"-20X3 1/4" (12.9001)								2			
	113850	BOLT, 5/8"-18X3 3/4" (12.9001)								2			
	103321	LOCKWASHER, 3/8" (12.9200)					13						
	103323	LOCKWASHER, 1/2" (12.9200)		2						2			
	103385	LOCKWASHER, 5/8" (12.9200)								2			
	117049	NUT, 3/8"-24 HEX. (12.9120)					4						
	117051	NUT, 1/2"-20 HEX. (12.9120)								2			
	117053	NUT, 5/8"-18 HEX. (12.9120)								2			
11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC													
	5174740	MOUNTING ASSY.		1									
	5176550	COVER								2			
	5155374	CUSHION						2					

11.1000A ENGINE MOUNTING AND BASE

			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	3 2 2	3 2 3	3 2 6	3 2 7	3 3 1	3 4 2	3 4 3	3 4 4	3 4 6	3 4 7	3 4 8
		11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC (CONT'D)											
	5176549	BLOCK								2			
	103373	PIN, 3/32"X3/4" COTTER (12.9250)						2					
	436437	BOLT, 1/2"-20X5 3/4" (12.9001)						2					
	428759	BOLT, 5/8"-18X4 1/2" (12.9001)			1								
	225688	BOLT, 1"-14X3 3/4" (12.9001)								4			
	3290041	WASHER (CUSHION)						2					
	5169134	WASHER (2 7/8" DIA.)			1								
	103325	LOCKWASHER, 5/8" (12.9200)			1								
	122761	NUT, 1/2"-20 HEX. SL. (12.9130)						2					
	117053	NUT, 5/8"-18 HEX. (12.9120)			1								
		11.1073 - SPACER, ENGINE FRONT SUPPORT											
1E,G	5170127	SPACER (2 7/32"L.)						2					
1G	5163858	SPACER (17/32"L.)								2			
		11.1075 - BRACKET, ENGINE SUPPORT											
1C	5168508	BRACKET (FRONT)				1							
1C	179839	BOLT, 3/8"-16X1" (12.9001)				2							
1C	179882	BOLT, 1/2"-13X1 1/8" (12.9001)				2							
	103321	LOCKWASHER, 3/8" (12.9200)				2							
	103323	LOCKWASHER, 1/2" (12.9200)				2							
		11.1080 - SHIM, ENGINE FRONT SUPPORT											
	5180724	SHIM					AR						
	5155315	SHIM								AR			
		11.1100 - SUPPORT, ENGINE REAR											
1A	5178358	SUPPORT				1							
1E	5174197	SUPPORT						2					
	5122956	BRACKET, REAR	2										
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)								8			
	186725	BOLT, 1/2"-13X1 1/2" (12.9001)	8										
	181431	BOLT, 1/2"-20X1 1/2" (12.9001)								4			
	223809	BOLT, 5/8"-18X1 1/2" (12.9001)	4										
	223812	BOLT, 5/8"-18X2 1/4" (12.9001)	4										
	5121674	WASHER, 1/2" BEVEL (11.1073)								4			
	5169819	WASHER, 3/4" BEVEL (11.1073)	4										
	103323	LOCKWASHER, 1/2" (12.9200)	8							12			
	103325	LOCKWASHER, 5/8" (12.9200)	8										
	120371	NUT, 1/2"-20 HEX. (12.9120)								12			

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	3 2 2	3 2 3	3 2 6	3 2 7	3 3 1	3 4 2	3 4 3	3 4 4	3 4 6	3 4 7	3 4 8		
	11.1100	- SUPPORT, ENGINE REAR (CONT'D)													
	117053	NUT, 5/8"-18 HEX. (12.9120)	8												
	11.1102	- SHIM, ENGINE REAR SUPPORT													
	5122957	SHIM, .005"	AR												
	5122958	SHIM, .031"	AR												
	5122959	SHIM, .062"	AR												
	11.1160	- INSULATOR, GENERATOR RUBBER MOUNTING													
	5171178	INSULATOR						2							
	5171180	BUSHING						4							
	11.1162	- SPACER, GENERATOR RUBBER MOUNTING INSULATOR													
	5171177	SPACER						4							
	11.1180	- WASHER, GENERATOR RUBBER MOUNTING INSULATOR													
	5171179	WASHER						4							

11.1000A ENGINE MOUNTING AND BASE

			TYPES											
.FIG	PART NUMBER	NAME AND DESCRIPTION	3 4 9	3 5 0	3 7 3	3 7 4	3 7 5	3 8 1	4 1 1	4 1 5	4 4 8	4 6 2	4 7 2	4 7 9
11.1001 - BASE, ENGINE MOUNTING														
1D	5126105	* BASE ASSY. (51"L.) (2 CYL.)								1				1
1G	5162870	* BASE ASSY. (70 1/8"L.) (4 CYL.)										1		
1G	5175129	* BASE ASSY. (70 1/8"L.) (6 CYL.)				1								
1G	5123850	* BASE ASSY. (72 1/8"L.) (6 CYL.)	1											
1G	5123877	* BASE ASSY. (81 9/16"L.) (6 CYL.)		1										
	5170971	WASHER (3/8" BEVEL) (5.3015)	8	8								8		
	103341	WASHER, 3/8" FLAT (12.9190)	8	8										
	5167615	WASHER (1/2" BEVEL) (11.1073)	2	2										
	5167615	WASHER (1/2" BEVEL) (11.1073)				6								
	5170530	WASHER (3/4" BEVEL) (11.1073)	AR	AR						10				10
	5172986	WASHER (1" BEVEL)										8		
		* OBSOLETE.												
11.1035 - BUSHING, STARTING MOTOR CABLE INSULATION														
1D,H	5166891	BUSHING	1	1		1						1		
	5169559	NUT (2" LOCK)	1	1		1						1		
11.1070 - SUPPORT, ENGINE FRONT														
1A	5185896	SUPPORT								1				1
#	5130001	SUPPORT (RIBBED)											1	
	5130153	SUPPORT (JACKING)											1	
	5113810	SUPPORT						1						
	112609	BOLT, 3/8"-16X1 1/4" (12.9001)											3	
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)											3	
	9409914	BOLT, 3/8"-16X4 1/4" LOCKING (12.9001)											3	
	186725	BOLT, 1/2"-13X1 3/8" (12.9001)								4				4
	181436	BOLT, 1/2"-20X2 1/4" (12.9001)						2						
	100173	BOLT, 9/16"-12X1 3/4" (12.9001)										2		
	426449	BOLT, 5/8"-11X1 1/2" (12.9001)								2			2	
	223809	BOLT, 5/8"-18X1 1/2" (12.9001)								4			4	
	103321	LOCKWASHER, 3/8" (12.9200)											9	
	103323	LOCKWASHER, 1/2" (12.9200)						2		4				4
	103330	LOCKWASHER, 9/16" (12.9200)										2		
	103325	LOCKWASHER, 5/8" (12.9200)								6				6
	117051	NUT, 1/2"-20 HEX. (12.9120)						2						
		# FIG. 10F OF 4.0000.												
11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC														
#	5185901	@ BRACKET (FRONT)								4				4
	5185898	@ BRACKET (REAR)								4				4
	5185903	BLOCK (FRONT)								2				2

11.1000A ENGINE MOUNTING AND BASE

PART			TYPES											
.FIG	NUMBER	NAME AND DESCRIPTION	3 4 9	3 5 0	3 7 3	3 7 4	3 7 5	3 8 1	4 1 1	4 1 5	4 4 8	4 6 2	4 7 2	4 7 9
		11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC (CONT'D)												
	5185899	BLOCK (REAR)								2				2
	5185937	BUSHING								6				6
	5185915	SPACER, 19/32".76"X2.74"								6				6
	5185902	PAD, INSULATOR								4				4
	5185900	PAN, MOUNTING								4				4
	5113250	SHIM, 4 1/4"X2" (11.1070)								AR				AR
	5113251	SHIM, 7 1/2"X2" (11.1100)								AR				AR
	5186850	LOCK (MOUNTING BOLT)								2				2
	181455	BOLT, 9/16"-18X1 1/2" (12.9001)								8				8
	181459	BOLT, 9/16"-18X2" (12.9001)								8				8
	181467	BOLT, 9/16"-18X4" (12.9001)								4				4
	455101	BOLT, 9/16"-18X4" (12.9001)								4				4
	223811	BOLT, 5/8"-18X2" (12.9001)								6				6
	454730	NUT, 9/16"-18 HEX. (12.9120)								22				22
		# FIG. 10E OF 7.0000.												
		@ CUSTOMER TO FABRICATE.												
		11.1073 - SPACER, ENGINE FRONT SUPPORT												
1G	5115890	SPACER (2.76"L.)					2				2			
1E	186340	BOLT, 1/2"-20X5 1/2" (12.9001)					2				2			
	5169819	WASHER, 5/8" BEVEL								8				8
	103323	LOCKWASHER, 1/2" (12.9200)					2				2			
	117051	NUT, 1/2"-20 HEX. (12.9120)					2				2			
		11.1075 - BRACKET, ENGINE SUPPORT												
	5175126	BRACKET, FRONT			2									
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)			8									
	106295	BOLT, 1/2"-20X7/8" (12.9001)			2									
	103323	LOCKWASHER, 1/2" (12.9200)			10									
	117051	NUT, 1/2"-20 HEX. (12.9120)			2									
		11.1094 - RING, ENGINE FRONT TRUNNION MOUNTING SUPPORT CUSHION												
	5166864	RING							1					
		11.1100 - SUPPORT, ENGINE REAR												
	5174197	SUPPORT			2									
1E	5111382	SUPPORT					2							
1E	5108869	SUPPORT									2			
1A	5178358	SUPPORT												1

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	3 4 9	3 5 0	3 7 3	3 7 4	3 7 5	3 8 1	4 1 1	4 1 5	4 4 8	4 6 2	4 7 2	4 7 9
	11.1100	- SUPPORT, ENGINE REAR (CONT'D)												
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)			8		8				8			
	179895	BOLT, 1/2"-13X3 1/2" (12.9001)												2
	181431	BOLT, 1/2"-20X1 1/2" (12.9001)			4									
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)					4				4			
	271568	BOLT, 5/8"-11X3 1/2" (12.9001)												2
	5167615	WASHER (1/2" BEVEL) (11.1073)			4									
	103343	WASHER, 1/2" FLAT (12.9190)												2
	103345	WASHER, 5/8" (12.9190)												2
	103323	LOCKWASHER, 1/2" (12.9200)			12		12				12			2
	103325	LOCKWASHER, 5/8" (12.9200)												2
	117064	NUT, 1/2"-13 HEX. (12.9120)												2
	117051	NUT, 1/2"-20 HEX. (12.9120)			4		4				4			
	117066	NUT, 5/8"-11 HEX. (12.9120)												2
	11.1120	- MOUNTING, ENGINE REAR SUPPORT ELASTIC												
	5174741	MOUNTING ASSY. (11.1072)						2						
	456906	BOLT, 5/8"-18X5 1/2" (12.9001)						2						
	5169134	WASHER, 21/32" SPEC. (11.1072)						2						
	103325	LOCKWASHER, 5/8" (12.9200)						2						
	117053	NUT, 5/8"-18 HEX. (12.9120)						2						
	11.1140	- SPACER, ENGINE RUBBER MOUNTING INSULATING												
	5171846	SPACER, 11/16" (REAR) (11.1073)						2						
	11.1160	- INSULATOR, GENERATOR RUBBER MOUNTING												
	5171178	INSULATOR			2									
	5171180	BUSHING			4									
	11.1162	- SPACER, GENERATOR RUBBER MOUNTING INSULATOR												
	5171177	SPACER, 9/16"X1 5/8"			4									
	11.1180	- WASHER, GENERATOR RUBBER MOUNTING INSULATOR												
	5171179	WASHER, 1 3/4"			4									

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	3 4 9	3 5 0	3 7 3	3 7 4	3 7 5	3 8 1	4 1 1	4 1 5	4 4 8	4 6 2	4 7 2	4 7 9
11.1190 - SUPPORT, GENERATOR MOUNTING														
1D	5173432	SUPPORT						2						
	181428	BOLT, 1/2"-20X1 1/8" (12.9001)						4						
	181431	BOLT, 1/2"-20X1 1/2" (12.9001)						4						
	103323	LOCKWASHER, 1/2" (12.9200)						8						
	117051	NUT, 1/2"-20 HEX. (12.9120)						4						
11.1220 - BRACKET, TRANSMISSION MOUNTING														
#	5189595	BRACKET (L.H.)											1	
#	5170424	BRACKET (R.H.)											1	
	103325	LOCKWASHER, 5/8" (12.9200)											24	
	117053	NUT, 5/8"-18 HEX. (12.9120)											24	
		# FIG. 10F OF 4.0000.												
11.1225 - BRACKET, TRANSMISSION JACK														
	5179489	BRACKET (L.H.)											1	
	5179490	BRACKET (R.H.)											1	
	451070	NUT, 1/2"-20 HEX. (12.9120)											6	

11.1000A ENGINE MOUNTING AND BASE

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	500	508	512	533	535	539	540	542	546	547	548	560
11.1001 - BASE, ENGINE MOUNTING														
1G	5139645	* BASE ASSY. (52 1/2"L.) (6 CYL.)									1			
1G	5134415	* BASE ASSY. (52 1/2"L.) (4 CYL.)			1									
1G	5138980	* BASE ASSY. (70.58"L.) (4 CYL.)						1						
	5170971	WASHER (3/8" BEVEL) (5.3015)			8									
	5167615	WASHER (1/2" BEVEL) (11.1073)			4									
	5170530	WASHER (3/4" BEVEL) (11.1073)			4						AR			
		* OBSOLETE.												
11.1035 - BUSHING, STARTING MOTOR CABEL INSULATION														
1D,H	5166891	BUSHING			1						1			
	5169559	NUT (2" LOCK)			1						1			
11.1050 - RAIL, ENGINE MOUNTING														
	5111397	RAIL								1				
	5112490	RAIL								1				
	5120597	RAIL (R.H.)										1		
	5120598	RAIL (L.H.)										1		
# @	5186654	RAIL (FRONT) (11.1070)												1
	190270	BOLT, 1/2"-13X4 1/4" (12.9001)								2		2		
	109858	BOLT, 1/2"-20X1 7/8" (12.9001)								2		2		
	271587	BOLT, 5/8"-18X2" (12.9001)												2
	103323	LOCKWASHER, 1/2" (12.9200)								4		4		
	103334	LOCKWASHER, 5/8" (12.9200)												2
	117051	NUT, 1/2"-20 HEX. (12.9120)								10		2		
	117053	NUT, 5/8"-18 HEX. (12.9120)												2
		# FIG. 10A OF 5.0000.												
		@ FIG. 10B OF 7.0000.												
11.1070 - SUPPORT, ENGINE FRONT														
#	5130001	SUPPORT (RIBBED)											1	
*	5130153	SUPPORT (JACKING)											1	
	5170231	SUPPORT	1											
	5171843	SUPPORT					1							
	5111401	SUPPORT (BRACKET)								2				
	179839	BOLT, 3/8"-16X1" (12.9001)	2				2							
	112609	BOLT, 3/8"-16X1 1/4" (12.9001)											3	
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)											3	
	9409914	BOLT, 3/8"-16X4 1/4" LOCKING (12.9001)											3	
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)	2				2							
	442733	BOLT, 1/2"-13X1 1/4" (12.9001)							2					
	100173	BOLT, 9/16"-12X1 3/4" (12.9001)											2	

11.1000A ENGINE MOUNTING AND BASE

PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	5 0 0	5 0 8	5 1 2	5 3 3	5 3 5	5 3 9	5 4 0	5 4 2	5 4 6	5 4 7	5 4 8	5 6 0
		11.1070 - SUPPORT, ENGINE FRONT (CONT'D)												
	103320	LOCKWASHER, 5/16" (12.9200)											2	
	103321	LOCKWASHER, 3/8" (12.9200)	2				2						9	
	103323	LOCKWASHER, 1/2" (12.9200)	2				2			2				
		# FIG. 10F OF 4.0000.												
		* FIG. IS OF 9.0000.												
		11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC												
	5174740	MOUNTING ASSY.					1							
	5174741	MOUNTING ASSY. (CUSHION)												1
	271595	BOLT, 5/8"-18X4" (12.9001)												1
	103325	LOCKWASHER, 5/8" (12.9200)												1
	117053	NUT, 5/8"-18 HEX. (12.9120)												1
		11.1073 - SPACER, ENGINE FRONT SUPPORT												
1G	5115890	SPACER (2.76"L.)		2										
1E	186340	BOLT, 1/2"-20X5 1/2" (12.9001)		2										
	103323	LOCKWASHER, 1/2" (12.9200)		2										
	117051	NUT, 1/2"-20 HEX. (12.9120)		2										
		11.1075 - BRACKET, ENGINE SUPPORT												
	5168508	BRACKET, FRONT					1							
	5108395 #	BRACKET										1		
	5111401 #	BRACKET										1		
	5186701	BRACKET												1
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)												3
	442733	BOLT, 1/2"-13X1 1/4" (12.9001)										2		
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)										4		
	186725	BOLT, 1/2"-13X1 1/2" (12.9001)										8		
	428759	BOLT, 5/8"-18X4 1/4" (12.9001)					1							
	5169134	WASHER, 21/32" (2.4001)					1							
	103321	LOCKWASHER, 3/8" (12.9200)												3
	103323	LOCKWASHER, 1/2" (12.9200)										14		
	103325	LOCKWASHER, 5/8" (12.9200)					1							
		# OBSOLETE												
		11.1100 - SUPPORT, ENGINE REAR												
1E	5174197	SUPPORT				2								
1A,C	5108869	SUPPORT		2										
	5167882	SUPPORT	2											

11.1000A ENGINE MOUNTING AND BASE

PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	5 0 0	5 0 8	5 1 2	5 3 3	5 3 5	5 3 9	5 4 0	5 4 2	5 4 6	5 4 7	5 4 8	5 6 0
		11.1100 - SUPPORT, ENGINE REAR (CONT'D)												
*	5186758	SUPPORT (LIGHT)												1
#	5186759	SUPPORT (HEAVY)												1
#*	5174741	MOUNTING ASSY. (CUSHION) (11.1120)												3
#*	5186651	BRACKET (2 MOUNTING HOLES)												1
@	5186652	BRACKET (ONE MOUNTING HOLE)												1
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)	8											
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)		8		8								
	186725	BOLT, 1/2"-13X1 1/2" (12.9001)												8
	181431	BOLT, 1/2"-20X1 1/2" (12.9001)				4								
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)		4										
	271595	BOLT, 5/8"-18X4" (12.9001)												3
	5167615	WASHER (1/2" BEVEL) (11.1073)				4								
	103323	LOCKWASHER, 1/2" (12.9200)	8	12		12								8
	103325	LOCKWASHER, 5/8" (12.9200)												3
	117051	NUT, 1/2"-20 HEX. (12.9120)		4		4								
	117053	NUT, 5/8"-18 HEX. (12.9120)												3
		* FIG. 10B OF 7.0000.												
		# FIG. 10A OF 5.0000.												
		@ FIG. 8H OF 4.0000.												
		11.1120 - MOUNTING, ENGINE REAR SUPPORT ELASTIC												
	5174741	MOUNTING ASSY. (11.1072)											3	

11.1000A ENGINE MOUNTING AND BASE

TYPES

PART ..FIG .. NUMBER	NAME AND DESCRIPTION	5 6 4	5 6 6	5 6 9	5 7 0	5 8 3	5 8 8	5 8 9	5 9 0	5 9 1	5 9 2	5 9 3	5 9 8		
11.1001 - BASE, ENGINE MOUNTING															
5141674	BASE (88" L.) (6 CYL.)													1	
5142852	PANEL (ENGINE BASE)													1	
5109957	COVER (BASE LIFTER HOLE)													12	
5156268	STRAP (GROUND) (7.2040)													1	
181333	BOLT, 5/16"-24X5/8" (12.9001)													5	
181365	BOLT, 3/8"-24X1 1/8" (12.9001)													6	
181370	BOLT, 3/8"-24X1 1/4" (12.9001)													1	
9413432	SCREW-SET, 3/4"-10X6 (12.9076)													4	
103320	LOCKWASHER, 5/16" (12.9200)													5	
103321	LOCKWASHER, 3/8" (12.9200)													7	
178551	LOCKWASHER, 3/8" (EXT. TOOTH)													2	
	(12.9215)														
117049	NUT, 3/8"-24 (12.9120)													AR	
11.1010 - CUSHION, ENGINE MOUNTING BASE ISOLATOR PAD															
5129907	ISOLATOR													6	
11.1036 - BUSHING, CABLE INSULATION															
5168329	BUSHING, BATTERY (7.7220)													1	
5182735	BUSHING, GENERATOR (7.7220)													1	
3291771	LOCKNUT (7.7220)													1	
5182736	LOCKNUT (7.7220)													1	
11.1070 - SUPPORT, ENGINE FRONT															
5139654	SUPPORT	1													
5170832	SUPPORT (BRACKET)		2												
5133991 +	SUPPORT (BRACKET)		1												
5113810	SUPPORT					1									
5171843	SUPPORT						1					1			
5168507	SUPPORT							1	1						
5110289	SPACER (UPPER SUPPORT)					2									
5160873 *	LOCKWIRE, 14" L. (7.5001)		3												
5134115 +	BOLT, 1/2"-13X1" SPL.		2												
5138524	BOLT, 1/2"-13X1 3/4" DR. HD.		6												
	(12.9001)														
181428	BOLT, 1/2"-20X1 1/8" (12.9001)						2	2	2			2			
181436	BOLT, 1/2"-20X2 1/4" (12.9001)						2								
271587	BOLT, 5/8"-18X2" (12.9001)	2													
103323	LOCKWASHER, 1/2" (12.9200)		8				2	2	2			2			
103334	LOCKWASHER, 5/8" (12.9200)	2													
117051	NUT, 1/2"-20 HEX. (12.9120)					2									
117053	NUT, 5/8"-18 HEX. (12.9120)	2													

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		5 6 4	5 6 6	5 6 9	5 7 0	5 8 3	5 8 8	5 8 9	5 9 0	5 9 1	5 9 2	5 9 3	5 9 8
11.1070 - SUPPORT, ENGINE FRONT (CONT'D)													
+ NO LONGER SERVICED.													
* NOT SERVICED; SUPPLY NUMBER IN PARENTHESES.													
11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC													
5174741	MOUNTING ASSY. (CUSHION) (11.1120)	1											
5174740	MOUNTING ASSY.						1	1	1		1		
5155374	CUSHION			2	2								
5155315	SHIM (.031")			1	1								
453649	BOLT, 1/2"-20X5 1/4" (12.9001)				2								
436437	BOLT, 1/2"-20X5 3/4" DR. (12.9001)				2								
271595	BOLT, 5/8"-18X4" (12.9001)	1											
428759	BOLT, 5/8"-18X4 1/2" (12.9001)						1	1	1		1		
3290041	WASHER (CUSHION)			2	2								
5167615	WASHER, 1/2" BEVEL (11.1073)			2	2								
5169134	WASHER, 21/32" SPECIAL						AR	AR	AR		AR		
103325	LOCKWASHER, 5/8" (12.9200)	1					1	1	1		1		
122761	NUT, 1/2"-20 HEX. SL. (12.9130)				2	2							
117053	NUT, 5/8"-18 HEX. (12.9120)	1					1	1	1		1		
11.1073 - SPACER, ENGINE FRONT SUPPORT													
5170127	SPACER (2 7/32"L)			2									
5170680	SPACER (1 23/32" L)				2								
11.1075 - BRACKET, ENGINE FRONT													
5186702	BRACKET, FRONT	1											
5198788	BRACKET (9.1011)					2							
5168508	BRACKET						1	1	1		1		
179839	BOLT, 3/8"-16X1" (12.9001)						2	2			2		
186612	BOLT, 3/8"-16X1 3/8" (12.9001)	3											
179882	BOLT, 1/2"-13X1 1/8" (12.9001)						2	2			2		
180175	BOLT, 1/2"-13X1 1/4" (12.9001)					8							
180176	BOLT, 1/2"-13X1 3/8"								4				
103321	LOCKWASHER, 3/8" (12.9200)	3					2	2			2		
120239	LOCKWASHER, 1/2" (12.9200)					8							
103323	LOCKWASHER, 1/2" (12.9200)						2	2	4		2		
11.1100 - SUPPORT, ENGINE REAR													
5139104	SUPPORT (R.H.)		1										
5139105	SUPPORT (L.H.)		1										
5174197	SUPPORT			2	2								

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	5 6 4	5 6 6	5 6 9	5 7 0	5 8 3	5 8 8	5 8 9	5 9 0	5 9 1	5 9 2	5 9 3	5 9 8
		11.1100 - SUPPORT, ENGINE REAR (CONT'D)												
	5178358	SUPPORT						1	1					
	5170527	SUPPORT											2	
	5139106	PLATE		1										
	103373	PIN, 3/32"X3/4" COTTER (12.9250)			2	2								
	454933	BOLT, 7/16"-14X1 1/8" (12.9001)		11										
	180176	BOLT, 1/2"-13X1 3/8" (12.9001)			8	8							8	
	5138524	BOLT, 1/2"-13X1 3/4" DR. HD. (12.9001)		10										
	181431	BOLT, 1/2"-20X1 1/2" (12.9001)			4	4								
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)		8										
	218120	BOLT, 3/4"-10X5 1/2" (12.9001)					2	2						
	103322	LOCKWASHER, 7/16" (12.9200)		11										
	103323	LOCKWASHER, 1/2" (12.9200)		18	12	12							8	
	103326	LOCKWASHER, 3/4" (12.9200)					2	2						
	5167615	WASHER, 1/2" BEVEL (11.1073)			4	4								
	103346	WASHER, 3/4" (12.9190)					2	2						
	117051	NUT, 1/2"-20 HEX. (12.9120)		18	12	12								
	220081	NUT, 3/4"-10 (12.9120)					2	2						
		11.1120 - MOUNTING, ENGINE REAR SUPPORT ELASTIC												
	5174741	MOUNTING ASSY.								2	2	2		
	456906	BOLT, 5/8"-18X5 1/2" (12.9001)											2	
	456235	BOLT, 5/8"-18X5 1/4" (12.9001)								2	2			
	103325	LOCKWASHER, 5/8" (12.9200)								2	2	2		
	5169134	WASHER, 21/32" SPECIAL (11.1072)								2	2	2		
	117053	NUT, 5/8"-18 HEX. (12.9120)								2	2	2		
		11.1140 - SPACER, ENGINE RUBBER MOUNTING INSULATING												
	5171846	SPACER (REAR) (11.1073)								2	2	2		
		11.1190 - SUPPORT, GENERATOR MOUNTING												
1D	5173432	SUPPORT								2	2	2		
	181428	BOLT, 1/2"-20X1 1/8" (12.9001)								4	4	4		
	181431	BOLT, 1/2"-20X1 1/2" (12.9001)								4	4	4		
	103323	LOCKWASHER, 1/2" (12.9200)								8	8	8		
	117051	NUT, 1/2"-20 HEX. (12.9120)								4	4	4		

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES									
..FIG ..	NUMBER	NAME AND DESCRIPTION									
		6 0 2	6 0 3	6 0 4	6 0 7	6 0 8	6 0 9	6 1 3	6 1 4	6 1 5	6 2 1
11.1001 - BASE, ENGINE MOUNTING											
5113783	* BASE (46 3/4" L.) (3 CYL.)	1									
5113784	* BASE (53" L.) (4 CYL.)		1								
5113774	* BASE (64"L.) (6 CYL.)			1							
5120187	BASE (106"L.) (6 CYL.)						1				
5132136	BRACKET (FIRE EXTINGUISHER) (7.8001)						1				
5113859	BRACKET (ENGINE MNT. REAR)				2						
5120421	COVER (TOOL BOX) (10.1045)						1				
122017	BOLT, 5/16"-18X1" (12.9001)						5				
186656	BOLT, 1/2"-13X2 3/4" (12.9001)				4						
186631	BOLT, 1/2"-13X2 1/4" (12.9001)				4						
223754	BOLT, 3/4"-16X2 1/2" (12.9001)				4						
143322	SCREW, 1/4"-28X9/16" (RND. HD) (12.9025)						4				
5121507	SPACER, TOOL BOX (12.1001)						1				
120393	WASHER, 5/16" (12.9190)						5				
5170971	WASHER, 3/8" (BEVEL) (5.3015)	6 AR	6 AR	6 AR							
5121674	@ WASHER, 1/2" (BEVEL) (11.1073) (5167615)	4	4	6							
5170530	WASHER, 3/4" (BEVEL)				4						
5112225	WASHER, 3/4" (BEVEL) (8.1895)										
120380	LOCKWASHER, 1/4" (12.9200)						4				
120214	LOCKWASHER, 5/16" (12.9200)						5				
103323	LOCKWASHER, 1/2" (12.9200)				8						
103326	LOCKWASHER, 3/4" (12.9200)				4						
121902	NUT, 1/4"-28 (12.9120)						4				
123197	NUT, 5/16"-18 (12.9120)						5				
117054	NUT, 3/4"-16 (12.9120)				4						
	* NOT SERVICED.										
	@ NOT SERVICED; SUPPLY NUMBER IN PARENTHESES.										
11.1070 - SUPPORT, ENGINE FRONT											
5110236	SUPPORT (FRONT UPPER)					1					
5120921	SUPPORT (FRONT LOWER) (11.1001)					1					
5148163	SUPPORT							1	1		
5142773	SUPPORT									1	
5110289	SPACER (UPPER SUPPORT)					2					
5148416	PLATE							1	1		
454906	BOLT, 3/8"-16X1 1/2" (12.9001)					10					
9409620	BOLT, 7/16"-14X1 1/8" (1.3112)						4				
122408	BOLT, 1/2"-13X1" (12.9001)					2					
180176	BOLT, 1/2"-13X1 3/8" (12.9001)					2					
213547	BOLT, 1/2"-13X3 1/4" (12.9001)					2					
181433	BOLT, 1/2"-20X1 3/4" (12.9001)									2	
455017	BOLT, 1/2"-20X2 1/2" (12.9001)									2	
5121715	WASHER, 3/8" (BEVEL) (5.3015)					6					
5121674	WASHER, 1/2" (BEVEL) (11.1073)									6	

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES															
..FIG ..	NUMBER	NAME AND DESCRIPTION															
		6 0 2	6 0 3	6 0 4	6 0 7	6 0 8	6 0 9	6 1 3	6 1 4	6 1 5	6 2 1						
11.1070 - SUPPORT, ENGINE FRONT (CONT'D)																	
120382	LOCKWASHER, 3/8" (12.9200)					10				4							
103323	LOCKWASHER, 1/2" (12.9200)																
120384	LOCKWASHER, 1/2" (12.9200)					6											
123221	NUT, 3/8"-16 (12.9120)					10											
117051	NUT, 1/2"-20 HEX. (12.9120)									4							
11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC																	
5148021	MOUNT							1									
5145575	MOUNT, CUSHION							4		4							
5140004	MOUNT									1							
271568	BOLT, 5/8"-11X3 1/2" (12.9001)							2									
271595	BOLT, 5/8"-18X4" (12.9001)									2							
451128	NUT, 5/8"-11 (12.9140)							2									
126023	NUT, 5/8"-18 (12.9140)									2							
11.1073 - SPACER, ENGINE FRONT SUPPORT																	
5140425	SPACER (1.60" L.) (11.1120)							2		2							
11.1075 - BRACKET, ENGINE FRONT																	
5158557	BRACKET, FRONT															2	
179882	BOLT, 1/2"-13X1 1/8" (12.9001)															4	
103323	LOCKWASHER, 1/2" (12.9200)															2	
11.1080 - SHIM, ENGINE FRONT SUPPORT																	
5186663	SHIM, .005" THICK											1					
5186664	SHIM, .010" THICK											1					
5177445	SHIM, .031" THICK											1					
5177446	SHIM, .062" THICK											1					
11.1100 - SUPPORT, ENGINE REAR																	
5120365	SUPPORT					2											
5148402	BRACKET (OUTBOARD)							1									
5148401	BRACKET (INBOARD)							1									
5148435	BRACKET									2							
5167557	BRACKET															2	
180175	BOLT, 1/2"-13X1 1/4" (12.9001)					6											
186725	BOLT, 1/2"-13X1 1/2" (12.9001)							8		8							

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES																
..FIG ..	NUMBER	NAME AND DESCRIPTION	6 0 2	6 0 3	6 0 4	6 0 7	6 0 8	6 0 9	6 1 3	6 1 4	6 1 5	6 2 1						
11.1100 - SUPPORT, ENGINE REAR (CONT'D)																		
180179	BOLT, 1/2"-13X1 3/4" (12.9001)						2											
186646	BOLT, 1/2"-13X1 3/4" (12.9001)											4						
103323	LOCKWASHER, 1/2" (12.9200)								8	8								
103323	LOCKWASHER, 1/2" (12.9200)											4						
120384	LOCKWASHER, 1/2" (12.9200)						8											
11.1102 - SHIM, ENGINE REAR SUPPORT																		
5113856	SHIM (.005") (11.1080)				1													
5120656	SHIM (.118") (11.1001)					1												
5113855	SHIM (.031") (11.1080)				1													
5120654	SHIM (1/32") (11.1001)					1												
5113854	SHIM (.062") (11.1001)				1													
5120655	SHIM (1/16") (11.1001)					1												
11.1120 - MOUNTING, ENGINE REAR SUPPORT ELASTIC																		
5145673	MOUNT, CUSHION								1									
5148471	MOUNT, CUSHION								2	1								
5140563	MOUNT, CUSHION								1	2								
5100763	MOUNT								4	4								
5145575	MOUNT, CUSHION									1								
271592	BOLT, 5/8"-18X3 1/4" (12.9001)								2	2								
9434177	NUT, 5/8"-18 (12.9140)								2									
126023	NUT, 5/8"-18 (12.9140)									2								
11.1140 - SPACER, ENGINE RUBBER MOUNTING INSULATING																		
5140425	SPACER (REAR)								2	2								

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	8	1	2	2	6	6	6	8	
			6	7	0	4	0	1	5	1	
		11.1001 - BASE, ENGINE MOUNTING									
	5167192	* BASE (TWIN)	1								
	5167610	* BASE, RAD. AND ENG. SUPPORT (FRONT) (TWIN)		1							
	5167725	* BASE, ENG. SUPPORT (REAR) (TWIN)		1							
	5167696	* BASE (QUAD)			1						
	5171200	* BASE (TWIN)					1				
	5171201	* BASE (QUAD)						1			
#	5172331	* BASE (TWIN)							1		
	5172471	* BASE (TWIN)								1	
	5169887	SCREW, ADJUSTING	4		8		4	8			
	451082	NUT, 3/4"-16 HEX. LOCK (12.9140) # FIG. 2D OF 9.0000. * NOT SERVICED.	4		8		4	8			
		11.1002 - PLATE, LIFTING									
	5171937	PLATE			4		2	8			
	100090	BOLT, 3/4"-16X2" (12.9001)			8		4	8			
	103326	LOCKWASHER, 3/4" (12.9200)			8		4	8			
	117054	NUT, 3/4"-16 HEX. (12.9120)			8		4	8			
		11.1070 - SUPPORT, ENGINE FRONT									
	5167578	BRACKET	4								
	5160266	BOLT (1.3290)	4								
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)	16								
	103323	LOCKWASHER, 1/2" (12.9200)	16								
	121326	LOCKWASHER, 1" (12.9200)	4								
	117056	NUT, 1"-14 HEX. (12.9120)	4								
		11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC									
	5183275	CUSHION			2						
	5183274	PLATE			2						
		11.1073 - SPACER, ENGINE FRONT SUPPORT									
	5183276	SPACER			8						
		11.1075 - BRACKET, ENGINE SUPPORT									
	5158557	BRACKET (FRONT)			2	4			2		
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)			4				4		
	186725	BOLT, 1/2"-13X1 1/2" (12.9001)				8					

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	8	1 6	1 7	1 9	2 0	2 2	2 4	6 0	6 1	6 5	6 6	8 1
		11.1075 - BRACKET, ENGINE SUPPORT (CONT'D)												
	181433	* BOLT, 1/2"-20X1 3/4" (12.9001)											4	
	186692	BOLT, 1/2"-20X2 3/4" (12.9001)						4						
	271562	BOLT, 5/8"-11X2" (12.9001)							8					
	103343	@ WASHER, 1/2" FLAT (12.9190)											4	
	103323	LOCKWASHER, 1/2" (12.9200)						8	8				8	
	103325	LOCKWASHER, 5/8" (12.9200)							8					
	117064	NUT, 1/2"-13 HEX. (12.9120)							8					
	117051	& NUT, 1/2"-20 HEX. (12.9120)						4					4	
		* REQUIRED WHEN REPLACING OIL DESIGN BRACKET.												
		@ USED ON MODELS 8107 AND 12107.												
		& NOT USED ON MODELS 8107 AND 12107.												
		11.1077 - BRACKET, RADIATOR SUPPORT												
	5172258	+ BRACKET										1		1
	5184198	# BRACKET										1		1
	5167615	WASHER (11.1073)										8		
	5168904	WASHER (11.1100)												8
	109858	BOLT, 1/2"-20X1 7/8" (12.9001)										8		8
	103323	LOCKWASHER, 1/2" (12.9200)										8		8
	117051	NUT, 1/2"-20 HEX. (12.9120)										8		8
		+ THRU 8A-182, 12A-1370.												
		# EFFECTIVE WITH 8A-183 AND 12A-1371.												
		11.1080 - SHIM, ENGINE SUPPORT												
	5160210	SHIM (.015")	AR											
	5160211	SHIM (.005")	AR											
	5168934	SHIM (.015")							AR					
	5168935	SHIM (.005")							AR					
	5174895	SHIM (.062")											AR	
	5174896	SHIM (.062")											AR	
		11.1100 - SUPPORT, ENGINE REAR												
#,=	5167621	SUPPORT						2						
#,=	5172259	SUPPORT											2	
	5168904	WASHER											8	
	5168520	WASHER						8						
#	186646	BOLT, 1/2"-13X1 3/4" (12.9001)											8	
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)											8	
#	271562	BOLT, 5/8"-11X2" (12.9001)						8						
	271587	BOLT, 5/8"-18X2" (12.9001)						8						

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES									
..FIG ..	NUMBER	NAME AND DESCRIPTION	8	1 7	2 0	2 4	6 0	6 1	6 5	6 6	8 1
		11.1100 - SUPPORT, ENGINE REAR (CONT'D)									
#	103323	LOCKWASHER, 1/2" (12.9200)								16	
#	103325	LOCKWASHER, 5/8" (12.9200)				16				8	
	117051	NUT, 1/2"-20 HEX. (12.9120)				8					
	117053	NUT, 5/8"-18 HEX. (12.9120)									
		# FIG. 3 OF 9.0000.									
		= FIG. 2D OF 9.0000.									
		11.1110 - PLATE, ENGINE FRONT SUPPORT									
	5172455	PLATE	2								
	5157879	PLATE			1					1	

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	8 4	8 5	8 6	8 7	8 8	8 9	9 0	9 6	9 7	9 8	9 9	1 0 0
11.1001 - BASE, ENGINE MOUNTING														
*	5172331	@ BASE (TWIN)					1			1				
	5172471	@ BASE (TWIN)												
	5172807	# @ BASE (QUAD)		1										
	5186483	& @ BASE (QUAD)		1										
*	5174664	@ BASE (TWIN)			1									
	5177789	% BASE (INCLUDES CONVERTER TANK)(TWIN)						1						
	5184305	+ @ BASE (INCLUDES CONVERTER TANK) (TWIN)						1						
	5184304	@ BASE (INCLUDES CONVERTER TANK)(TWIN)							1					
	5175137	@ BASE (INCLUDES CONVERTER TANK)(TWIN)								1				
	5142549	PLUG, 3/4" PIPE (12.9550)						1						
		* FIG. 2D OF 9.0000.												
		@ NOT SERVICED.												
		# THRU 24A-232.												
		& EFFECTIVE WITH 24A-233.												
		% THRU 8A-235.												
		+ EFFECTIVE WITH 8A-236.												
11.1050 - RAIL, ENGINE MOUNTING														
	5172459	RAIL (L.H.)												1
	5172460	RAIL (R.H.)												1
	5169887	SCREW, ADJUSTING (11.1001)												4
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)												8
	186646	BOLT, 1/2"-13X1 3/4" (12.9001)												4
	103323	LOCKWASHER, 1/2" (12.9200)												12
	145015	NUT, 3/4"-16 HEX. LOCK (12.9140)												4
11.1075 - BRACKET, ENGINE SUPPORT														
#	5158557	BRACKET (FRONT)	4			2						2		
	5176819	* BRACKET (FRONT)	2											
	5172451	BRACKET (FRONT)										2		
	5120349	BRACKET (FRONT)											4	
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)	8			4						4		
	442733	BOLT, 1/2"-13X1 1/4" (12.9001)										2		
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)												16
	181431	BOLT, 1/2"-20X1 1/2" (12.9001)	8											
	181433	* BOLT, 1/2"-20X1 3/4" (12.9001)	8			4								
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)										6		
	442734	BOLT, 1/2"-13X4" (12.9001)										2		
	271595	BOLT, 5/8"-18X4" (12.9001)											4	
	103345	WASHER, 5/8" FLAT (12.9190)											4	
	103323	LOCKWASHER, 1/2" (12.9200)	24			8						14		
	103325	LOCKWASHER, 5/8" (12.9200)											4	
	117051	@ NUT, 1/2"-20 HEX. (12.9120)				4								
	117051	NUT, 1/2"-20 HEX. (12.9120)	16									6		

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	8 4	8 5	8 6	8 7	8 8	8 9	9 0	9 6	9 7	9 8	9 9	1 0 0
		11.1075 - BRACKET, ENGINE SUPPORT (CONT'D)												
	117053	NUT, 5/8"-18 HEX. (12.9120) # FIG. 4 OF 9.0000. * REQUIRED WHEN REPLACING OIL DESIGN BRACKET. @ NOT USED ON MODELS 8107 AND 12107. % OBSOLETE											4	
		11.1077 - BRACKET, RADIATOR SUPPORT												
	5172258 +	BRACKET				1		1	1					
	5184198 #	BRACKET				1		1	1					
*	5172897	BRACKET		2										
	5167615	WASHER (11.1073)		32	8			8	8					
	109858	BOLT, 1/2"-20X1 7/8" (12.9001)			8			8	8					
	100055	BOLT, 1/2"-20X2 1/2" (12.9001)		16				8	8					
	103323	LOCKWASHER, 1/2" (12.9200)		16	8			8	8					
	117051	NUT, 1/2"-20 HEX. (12.9120)		16	8			8	8					
		* FIG. 4 OF 9.0000. + THRU 8A-182, 12A-1370 # EFFECTIVE WITH 8A-183, 12A-1371.												
		11.1080 - SHIM, ENGINE SUPPORT												
	5168934	SHIM (.015")	AR											
	5168935	SHIM (.005")	AR											
	5174895	SHIM (.062")	AR											
	5174896	SHIM (.062")				AR								
	5176278	SHIM (.005")											AR	
	5176279	SHIM (.010")											AR	
	5176280	SHIM (.062")											AR	
		11.1100 - SUPPORT, ENGINE REAR												
#, =	5172259	SUPPORT				2								
	5168904	WASHER				8								
#	186646	BOLT, 1/2"-13X1 3/4" (12.9001)				8								
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)				8								
#	103323	LOCKWASHER, 1/2" (12.9200)				16								
	117051	NUT, 1/2"-20 HEX. (12.9120)				8								
		# FIG. 3 OF 9.0000. = FIG. 2D OF 9.0000.												
		11.1110 - PLATE, ENGINE FRONT SUPPORT												
	5172455	PLATE				1						1		
	5157879	PLATE				1						1		
	5176514 @	PLATE	2											

7 1 M P C E N G I N E S

PART		TYPES
.FIG . . .	NUMBER NAME AND DESCRIPTION	
	11.1110 - PLATE, ENGINE FRONT SUPPORT (CONT'D)	
	@ REQUIRED WHEN REPLACING OIL DESIGN BRACKET.	

11.1000A ENGINE MOUNTING AND BASE

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 0 4	1 0 5	1 0 6	1 1 2	1 1 4	1 2 0	1 2 4	1 3 4	1 3 7	1 3 8	1 3 9	1 4 2
		11.1001 - BASE, ENGINE MOUNTING												
	5174841	* BASE (TWIN)	1	1	1					1				
	5182111	* BASE (TWIN)				1								
	5183279	* BASE (TWIN)						1						
	5172331	* BASE (TWIN)							1					
	5184795	* BASE (QUAD)							1					
	5173108	* BASE (TWIN)											1	
	5178251	* BASE (QUAD)												1
	5169887	SCREW, ADJUSTING								4				
	451082	NUT, 3/4"-16 HEX. LOCK (12.9140)								4				
		* OBSOLETE.												
		11.1002 - PLATE, LIFTING												
	5173046	PLATE											2	
	181507	BOLT, 3/4"-16X3/4" (12.9001)											4	
	103326	LOCKWASHER, 3/4" (12.9200)											4	
		11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC												
	5183274	PLATE					2							
	5183275	CUSHION					2							
		11.1073 - SPACER, ENGINE FRONT SUPPORT												
	5183276	SPACER					8							
		11.1075 - BRACKET, ENGINE SUPPORT												
	5158557	BRACKET (FRONT)					2							
	5173045	BRACKET											2	
	186725	BOLT, 1/2"-13X1 1/2" (12.9001)											4	
	271587	BOLT, 5/8"-18X2" (12.9001)											4	
	186692	BOLT, 1/2"-20X2 3/4" (12.9001)					4						4	
	103323	LOCKWASHER, 1/2" (12.9200)					4						8	
	103325	LOCKWASHER, 5/8" (12.9200)											4	
	117051	NUT, 1/2"-20 HEX. (12.9120)					4						4	
		11.1077 - BRACKET, RADIATOR SUPPORT												
	5172258	* BRACKET		1					1		1			
	5184198	# BRACKET		1										
	5172897	BRACKET												2
	5168904	WASHER (11.1100)		16							16			

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION											
		1 0 4	1 0 5	1 0 6	1 1 2	1 1 4	1 2 0	1 2 4	1 3 4	1 3 7	1 3 8	1 3 9	1 4 2
11.1077 - BRACKET, RADIATOR SUPPORT (CONT'D)													
5121674	WASHER (11.1073)									8			32
109858	BOLT, 1/2"-20X1 7/8" (12.9001)		8					8		8			16
103323	LOCKWASHER, 1/2" (12.9200)		8					8		8			16
117051	NUT, 1/2"-20 HEX. (12.9120)		8					8		8			16
	* THRU 8A-182, 12A-1370.												
	# EFFECTIVE WITH 8A-183, 12A-1371.												
11.1080 - SHIM, ENGINE SUPPORT													
5173359	SHIM (.005")										AR		
5173360	SHIM (.015")										AR		
5173361	SHIM (.062")										AR		
5184950	SHIM (.005")								AR				
5184949	SHIM (.015")								AR				
11.1100 - SUPPORT, ENGINE REAR													
5182110	SUPPORT (ENGINE AND GENERATOR)					2							
5174539	SUPPORT							2					
5182163	BLOCK, INSULATOR					2							
5182155	SLEEVE, INSULATOR					8							
5171177	WASHER, INSULATOR (11.1162)					8							
5171179	SPACER (11.1180)					8							
186725	BOLT, 1/2"-13X1 1/2" (12.9001)					8							
215906	BOLT, 9/16"-18X2 3/4" (12.9001)					8							
106266	WASHER, 9/16" FLAT (12.9190)					8							
103323	LOCKWASHER, 1/2" (12.9200)					8							
120898	LOCKWASHER, 9/16" (12.9200)					8							
11.1110 - PLATE, ENGINE FRONT SUPPORT													
5157879	PLATE					1							
11.1230 - SUPPORT, CONTROL CABINET MOUNTING													
5176067	SUPPORT (10.2230)	2	2										
181428	BOLT, 1/2"-20X1 1/8" (12.9001)	4	4										
181443	BOLT, 1/2"-20X3 1/4" (12.9001)	4	4										
103323	LOCKWASHER, 1/2" (12.9200)	8	8										
117051	NUT, 1/2"-20 HEX. (12.9120)	8	8										

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION											
		1 4 4	1 4 5	1 4 7	1 4 8	1 5 1	1 5 4	1 5 5	1 6 5	1 7 7	2 0 2	2 0 4	2 0 7
	11.1001 - BASE, ENGINE MOUNTING												
	FOR TYPE 175 USE 155.												
#	5185498	*	@	BASE (TWIN)	1								
	5185499	&	@	BASE (TWIN)	1								
	5184304	%	@	BASE (INCLUDES CONVERTER TANK) .. (TWIN)		1							
	5184305	%	@	BASE (INCLUDES CONVERTER TANK) .. (TWIN)			1						
	5185485	@	BASE (TWIN)			1							
	5186251	@	BASE (QUAD)					1					
	5187059	@	BASE (TWIN)						1				
	5110084	@	BASE (QUAD)									1	
	5172807	@	BASE (QUAD)								1		
	5169887			SCREW, ADJUSTING	4			4	4				
	451082			NUT, 3/4"-16 HEX. LOCK (12.9140)	4				4				
				# FIG. 7B OF 9.0000.									
				* THRU 12A-3210.									
				@ OBSOLETE.									
				& EFFECTIVE WITH 12A-3211.									
				% DIPSTICK, FILLER PIPE AND RELATED									
				ITEMS ARE SHOWN IN 8.3000B TORQUE									
				CONVERTER LINES.									
	11.1050 - RAIL, ENGINE MOUNTING												
	5186423	#	RAIL (L.H.)					1					
	5186422	#	RAIL (R.H.)					1					
	179884		BOLT, 1/2"-13X1 3/8" (12.9001)					4					
	186646		BOLT, 1/2"-13X1 3/4" (12.9001)					8					
	103323		LOCKWASHER, 1/2" (12.9200)					12					
	451082		NUT, 3/4"-16 HEX. LOCK (12.9140)					4					
			# OBSOLETE										
	11.1070 - SUPPORT, ENGINE FRONT												
	5119936		BRACKET	2									
	442733		BOLT, 1/2"-13X1 3/4" (12.9001)	8									
	271637		BOLT, 3/4"-16X2 3/4" (12.9001)	4									
	103323		LOCKWASHER, 1/2" (12.9200)	8									
	103326		LOCKWASHER, 3/4" (12.9200)	4									
	117054		NUT, 3/4"-16 HEX. (12.9120)	4									
	11.1072 - MOUNTING, ENGINE FRONT SUPPORT ELASTIC												
	5183274		PLATE							2			
	5183275		CUSHION							2			

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		1 4 4	1 4 5	1 4 7	1 4 8	1 5 1	1 5 4	1 5 5	1 6 5	1 7 7	2 0 2	2 0 4	2 0 7
11.1073 - SPACER, ENGINE FRONT SUPPORT													
5183276	SPACER									8			
11.1075 - BRACKET, ENGINE SUPPORT													
5158557	BRACKET (FRONT)									2	4	4	2
5176819	SUPPORT										2	2	
179882	BOLT, 1/2"-13X1 1/8" (12.9001)										8	8	4
181429	BOLT, 1/2"-20X1 1/4" (12.9001)												4
181431	BOLT, 1/2"-20X1 1/2" (12.9001)										8	8	
181433	BOLT, 1/2"-20X1 3/4" (12.9001)										8	8	
186692	BOLT, 1/2"-20X2 3/4" (12.9001)									4			
103323	LOCKWASHER, 1/2" (12.9200)									4	24	24	8
117051	NUT, 1/2"-20 HEX. (12.9120)									4	16	16	4
11.1077 - BRACKET, RADIATOR SUPPORT													
5184198 #	BRACKET			1	1								
5172897	BRACKET										2	2	
5121674	WASHER (11.1073)			8	8						32	32	
109858	BOLT, 1/2"-20X1 7/8" (12.9001)			8	8								
100055	BOLT, 1/2"-20X2 1/2" (12.9001)										16	16	
103323	LOCKWASHER, 1/2" (12.9200)			8	8						16	16	
117051	NUT, 1/2"-20 HEX. (12.9120)			8	8						16	16	
	# EFFECTIVE WITH 8A-183, 12A-1371.												
11.1080 - SHIM, ENGINE SUPPORT													
5184950	SHIM (.005")	AR	AR	AR									
5184949	SHIM (.015")	AR	AR	AR									
5168935	SHIM (.015")										AR	AR	
5168934	SHIM (.005")										AR	AR	
11.1100 - SUPPORT, ENGINE REAR													
5185141	SUPPORT (ENGINE AND GENERATOR)									2			
5182163	BLOCK, INSULATOR									2			
5182155	SLEEVE, INSULATOR									8			
5171177	WASHER, INSULATOR (11.1162)									8			
5171179	SPACER (11.1180)									8			
186725	BOLT, 1/2"-13X1 1/2" (12.9001)									8			
215906	BOLT, 9/16"-18X2 3/4" (12.9001)									8			
106266	WASHER, 9/16" FLAT (12.9190)									8			
11.1110 - PLATE, ENGINE FRONT SUPPORT													
5157879	PLATE												1
5128807	PLATE	1											
5176514	PLATE										2	2	

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		2 3 0	2 3 8	2 6 0	2 8 2	2 8 3	2 8 7	2 9 1	3 0 0	3 0 1	3 0 4	3 0 7	3 0 8
	11.1001 - BASE, ENGINE MOUNTING												
	5186483 * BASE ASSY. (QUAD)	1											
	5112956 * BASE ASSY. (TWIN)		1										
	5121607 * BASE ASSY. (TWIN)		1										
	5113465 * BASE ASSY. (TWIN)			1									
	5172331 * BASE ASSY. (TWIN)					1							
	5121806 * BASE ASSY. (TWIN)							1					
	5115037 * BASE ASSY. (TWIN)								1				
	5188771 * BASE ASSY. (QUAD)											1	
	5169887 SCREW, ADJUSTING		4									4	
	# FIG. 2D OF 9.0000.												
	* NOT SERVICED.												
	11.1010 - CUSHION, ENGINE MOUNTING BASE ISOLATION PAD												
	3291207 CUSHION											10	
	11.1020 - CUP, ENGINE MOUNTING BASE ISOLATION PAD												
	3291209 CUP											10	
	11.1030 - COVER, ENGINE MOUNTING BASE ISOLATION PAD												
	3291208 COVER											10	
	11.1050 - RAIL, ENGINE MOUNTING												
	5118688 RAIL (R.H.)											1	
	5118689 RAIL (L.H.)											1	
	5169887 SCREW, 3/4"-16 (ADJUSTING)											4	
	179884 BOLT, 1/2"-13X1 3/8" (12.9001)											4	
	186646 BOLT, 1/2"-13X1 3/4" (12.9001)											8	
	103323 LOCKWASHER, 1/2" (12.9200)											12	
	451082 NUT, 3/4"-16 HEX. LOCK (12.9140)											4	
	11.1070 - SUPPORT, ENGINE FRONT												
	5167578 BRACKET												2
	442733 BOLT, 1/2"-13X1 1/4" (12.9001)												8
	271637 BOLT, 3/4"-16X2 3/4" (12.9001)												2
	103346 WASHER, 3/4" FLAT (12.9190)												2
	103323 LOCKWASHER, 1/2" (12.9200)												8

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		2 3 0	2 3 8	2 6 0	2 8 2	2 8 3	2 8 7	2 9 1	3 0 0	3 0 1	3 0 4	3 0 7	3 0 8
11.1070 - SUPPORT, ENGINE FRONT (CONT'D)													
103326	LOCKWASHER, 3/4" (12.9200)												2
117054	NUT, 3/4"-16 HEX. (12.9120)												2
11.1075 - BRACKET, ENGINE SUPPORT													
5158557	BRACKET (FRONT)				2								
5120349	BRACKET (FRONT)								4				
5176819	SUPPORT				2								
179882	BOLT, 1/2"-13X1 1/8" (12.9001)				8								
179884	BOLT, 1/2"-13X1 3/8" (12.9001)								16				
181431	BOLT, 1/2"-20X1 1/2" (12.9001)				8								
181433	BOLT, 1/2"-20X1 3/4" (12.9001)				8								
271595	BOLT, 5/8"-18X4" (12.9001)									4			
103345	WASHER, 5/8" FLAT (12.9120)								AR				
103323	LOCKWASHER, 1/2" (12.9200)				16				16				
103325	LOCKWASHER, 5/8" (12.9200)								4				
117051	NUT, 1/2"-20 HEX. (12.9120)				16								
117053	NUT, 5/8"-18 HEX. (12.9120)								4				
11.1077 - BRACKET, RADIATOR SUPPORT													
5114885	BRACKET					1		1					
109858	BOLT, 1/2"-20X1 7/8" (12.9001)					8		8					
5167615	WASHER, 1/2" BEVEL (11.1073)					16		16					
103323	LOCKWASHER, 1/2" (12.9200)					8		8					
117051	NUT, 1/2"-20 HEX. (12.9120)					8		8					
11.1080 - SHIM, ENGINE SUPPORT													
5168935	SHIM (.015")					AR							
5168934	SHIM (.005")					AR							
5184949	SHIM (.015")												
5184950	SHIM (.005")												AR
5188113	SHIM (.065")												AR
5176278	SHIM (.005")								AR				AR
5176279	SHIM (.010")								AR				AR
5176280	SHIM (.116")								AR				AR
11.1100 - SUPPORT, ENGINE REAR													
5188809	BRACKET												4
442733	BOLT, 1/2"-13X1 1/4" (12.9001)												8
271632	BOLT, 3/4"-16X3/4" (12.9001)												4
103323	LOCKWASHER, 1/2" (12.9200)												8

11.1000A ENGINE MOUNTING AND BASE

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2 3 0	2 3 8	2 6 0	2 8 2	2 8 3	2 8 7	2 9 1	3 0 0	3 0 1	3 0 4	3 0 7	3 0 8
		11.1100 - SUPPORT, ENGINE REAR (CONT'D)												
	103326	LOCKWASHER, 3/4" (12.9200)												4
		11.1110 - PLATE, ENGINE FRONT SUPPORT												
	5176514	PLATE				2								
	5172455	PLATE (TIE)				2			1					2
	186310	BOLT, 3/8"-24X3 1/2" (12.9001)				4								
	186312	BOLT, 3/8"-24X4" (12.9001)				4								
	117049	NUT, 3/8"-24 HEX. (12.9120)				8								

11.1000A ENGINE MOUNTING AND BASE

PART			TYPES																
..FIG ..	NUMBER	NAME AND DESCRIPTION	3 1 3	3 1 4	3 2 9	3 8 7	4 6 3	4 9 5	5 2 7	5 3 6									
11.1001 - BASE, ENGINE MOUNTING																			
#	5172331	* BASE ASSY. (TWIN)					1												
	5186251	* BASE ASSY. (QUAD)						1											
	5184795	* BASE ASSY. (QUAD)							1										
	5138433	* BASE ASSY. (TWIN)								1									
	5136799	SUPPORT (PILLOW BLOCK) (9.3470)																	
	5169887	SCREW, ADJUSTING								4									
	455028	BOLT, 1/2"-20X1 1/2" (12.9001)								4									
	223809	BOLT, 5/8"-18X1 1/2" (12.9001)								4									
	103323	LOCKWASHER, 1/2" (12.9200)								8									
	103325	LOCKWASHER, 5/8" (12.9200)								4									
	117051	NUT, 1/2"-20 HEX. (12.9120)								8									
	117053	NUT, 5/8"-18 HEX. (12.9120)								4									
	451082	NUT, 3/4"-16 HEX. LOCK (12.9140)								8									
		# FIG. 2D OF 9.0000.								4									
		* NOT SERVICED.																	
11.1075 - BRACKET, ENGINE SUPPORT																			
	5158557	BRACKET (FRONT)			2	2													
	5120349	BRACKET (FRONT)	4																
	5172451	# BRACKET, ENGINE LIFTER (FRONT)				2													
	5176819	SUPPORT			2														
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)	8		8														
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)				4													
	442733	BOLT, 1/2"-13X1 1/4" (12.9001)				2													
	442734	BOLT, 1/2"-13X4" (12.9001)				2													
	181431	BOLT, 1/2"-20X1 1/2" (12.9001)			8														
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)			8	6													
	271595	BOLT, 5/8"-18X4" (12.9001)	2																
	456235	BOLT, 5/8"-18X5 1/4" (12.9001)	2																
	103345	WASHER, 5/8" FLAT (12.9120)	AR																
	103323	LOCKWASHER, 1/2" (12.9200)	8		24	14													
	103325	LOCKWASHER, 5/8" (12.9200)	4																
	117051	NUT, 1/2"-20 HEX. (12.9120)			16	6													
	117053	NUT, 5/8"-18 HEX. (12.9120)	4																
		# OBSOLETE																	
11.1077 - BRACKET, RADIATOR SUPPORT																			
#	5170439	BRACKET					1												
	5172897	BRACKET						2											
	109858	BOLT, 1/2"-20X1 7/8" (12.9001)				8													
	100055	BOLT, 1/2"-20X2 1/2" (12.9001)								16									
	5167615	WASHER, 1/2" BEVEL (11.1073)								32									
	103323	LOCKWASHER, 1/2" (12.9200)				8				16									
	117051	NUT, 1/2"-20 HEX. (12.9120)				8				16									
		# FIG. 4 OF 9.0000.																	

11.1000A ENGINE MOUNTING AND BASE

PART		TYPES																			
FIG	NUMBER	NAME AND DESCRIPTION																			
			3 1 3	3 1 4	3 2 9	3 8 7	4 6 3	4 9 5	5 2 7	5 3 6											
11.1080 - SHIM, ENGINE SUPPORT																					
5168935	SHIM (.015")				AR																
5168934	SHIM (.005")				AR																
5176278	SHIM (.005")	AR																			
5176279	SHIM (.010")	AR																			
5176280	SHIM (.116")	AR																			
11.1110 - PLATE, ENGINE FRONT SUPPORT																					
5176514	PLATE				2																
5172455	PLATE (TIE)				2																
5157879	PLATE					1															
5126926	PLATE (TIE)					1															
186310	BOLT, 3/8"-24X3 1/2" (12.9001)				4																
186312	BOLT, 3/8"-24X4" (12.9001)				4																
117049	NUT, 3/8"-24 HEX. (12.9120)				8																

GROUP NOMENCLATURE

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

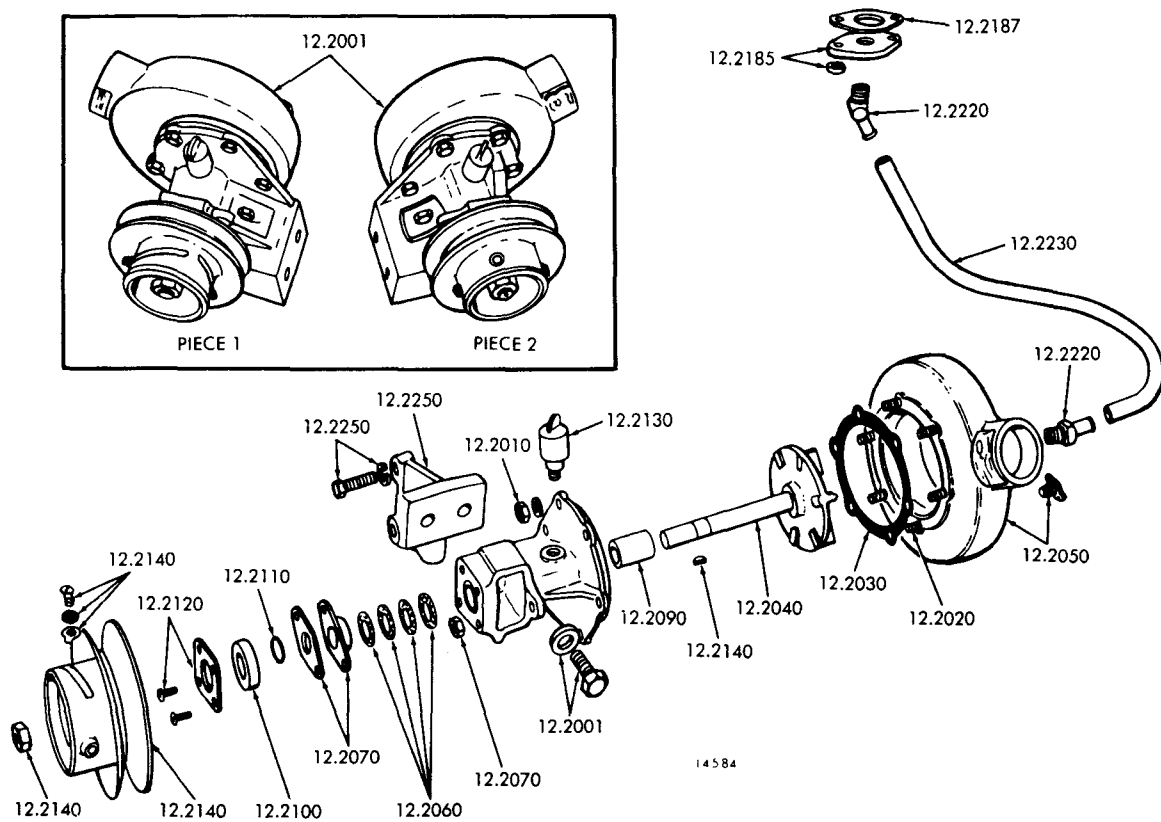


FIG. 1A BILGE PUMP

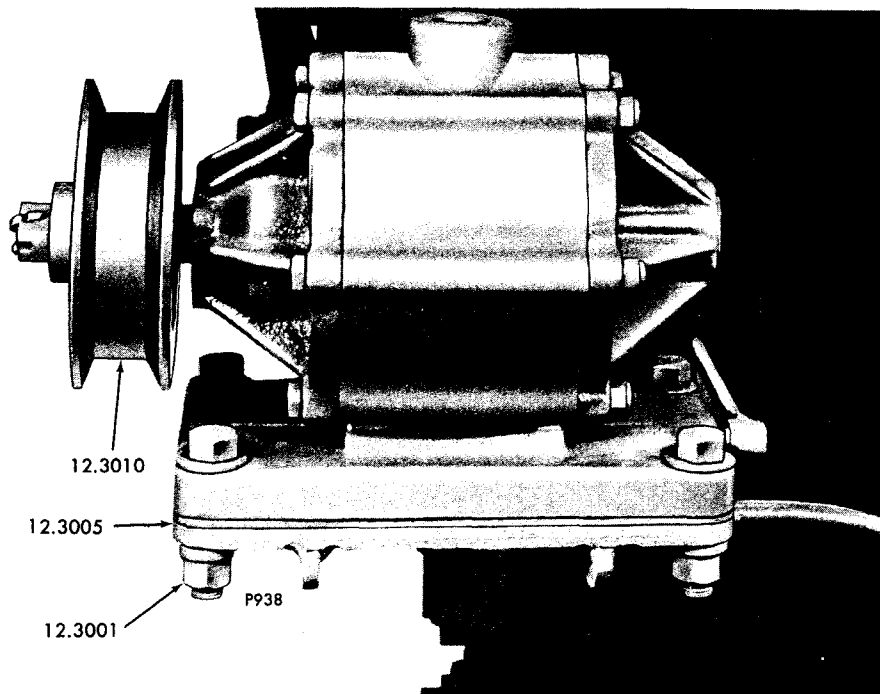


FIG. 1B VACUUM PUMP

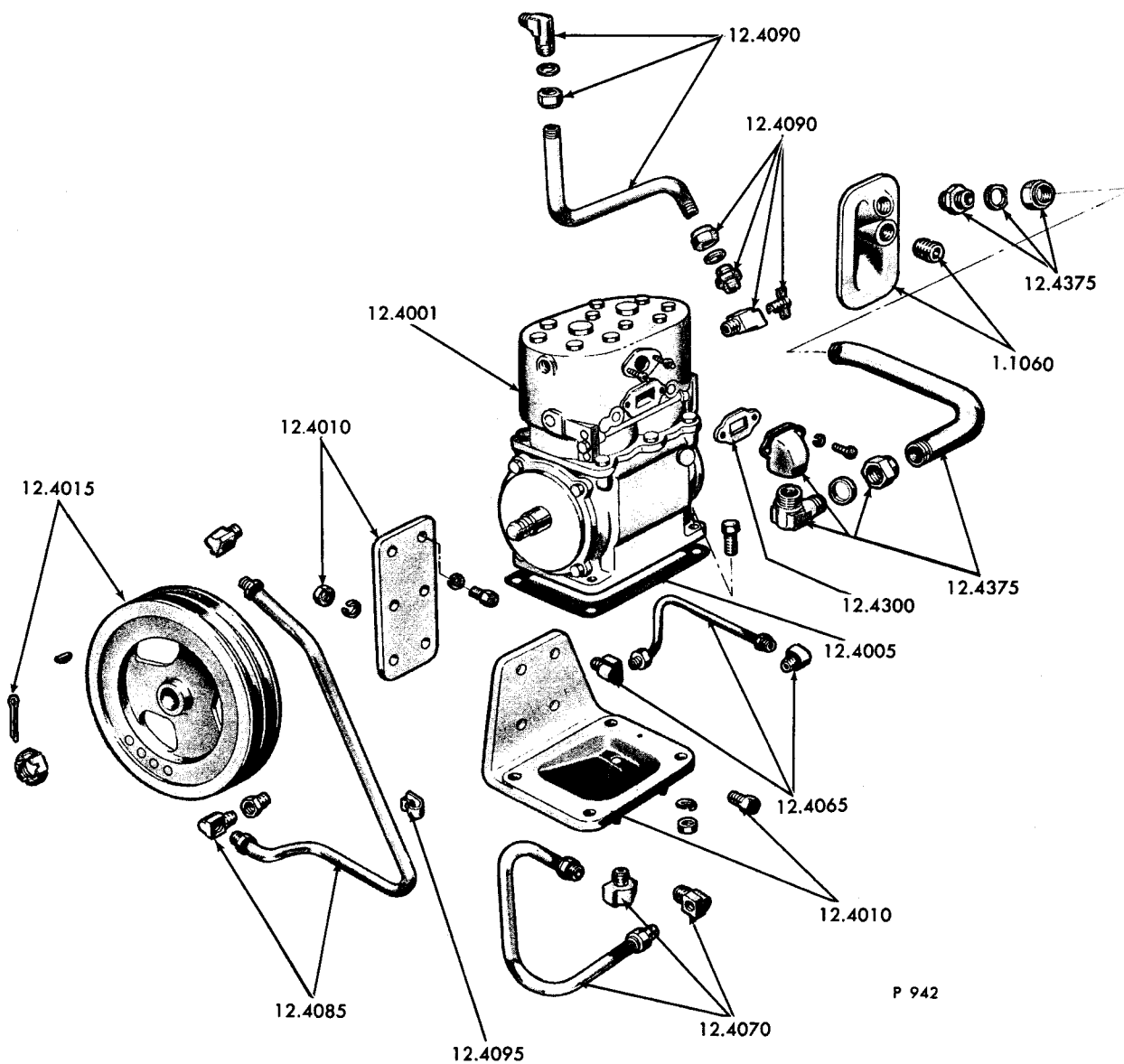


FIG. 2C AIR COMPRESSOR (Bracket Mounted)

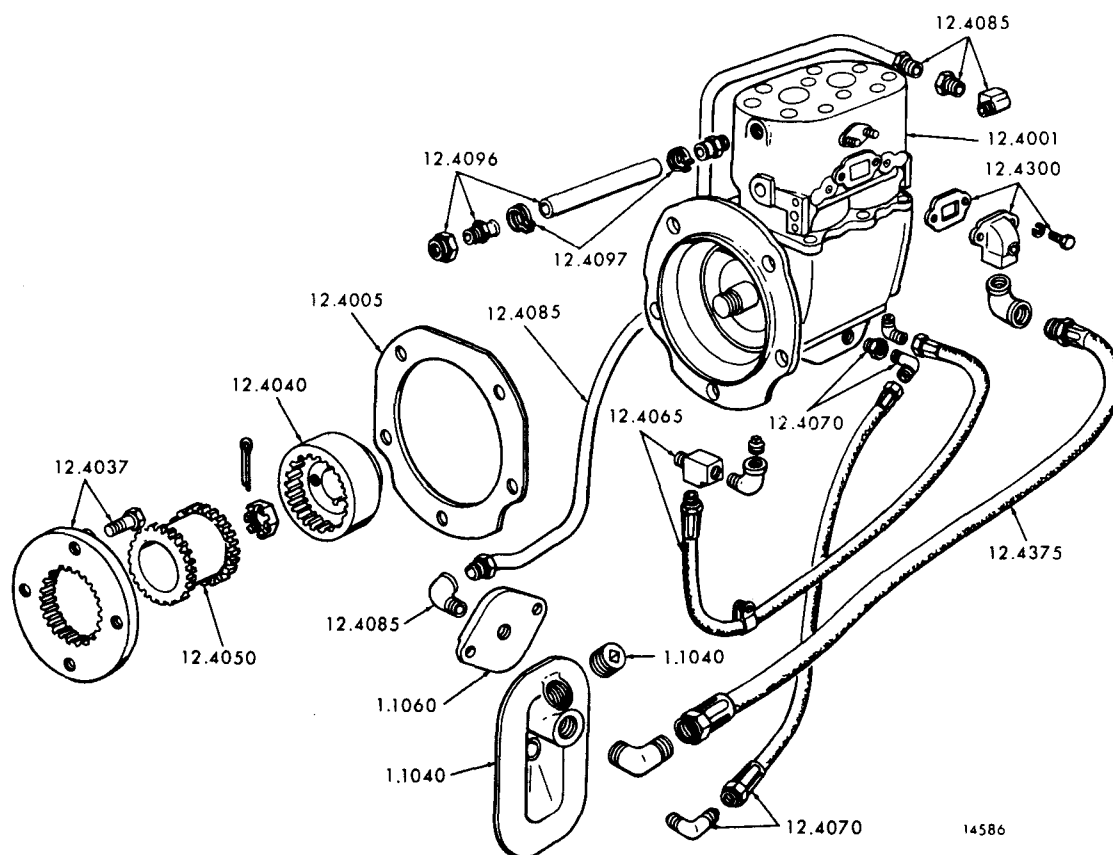


FIG. 2D AIR COMPRESSOR (Flange Mounted)



12.4020



12 4040

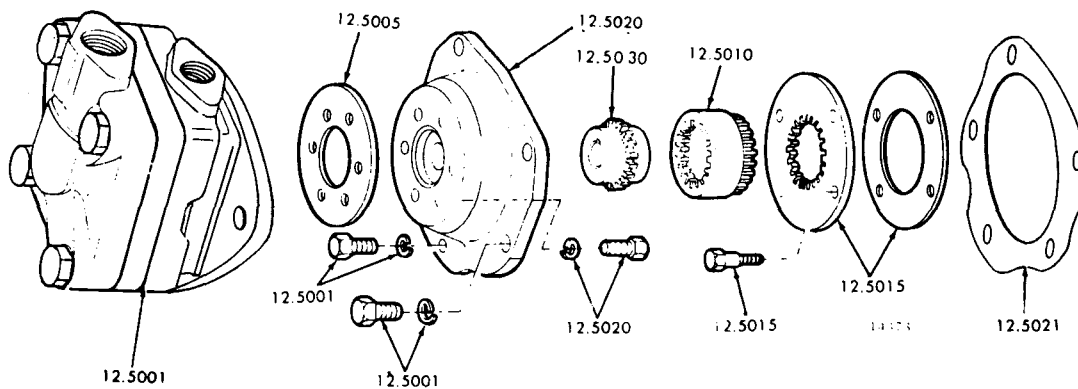


FIG. 5A HYDRAULIC PUMP

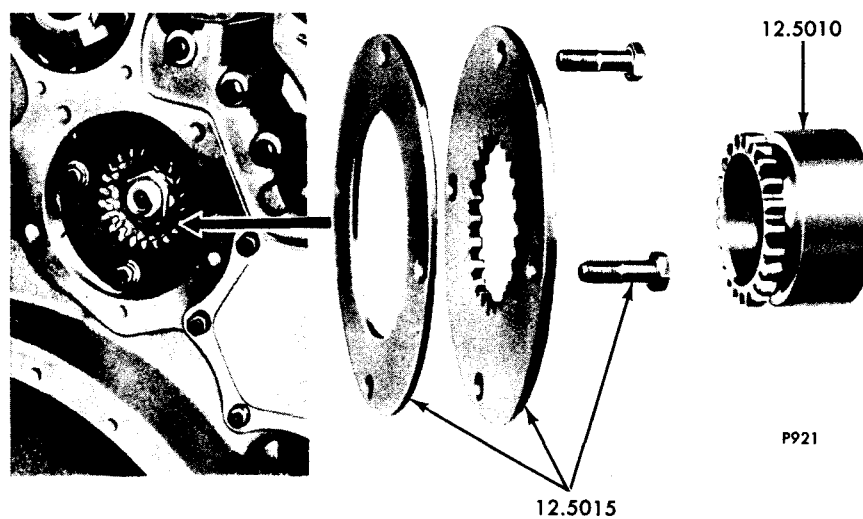


FIG. 5B HYDRAULIC PUMP DRIVE

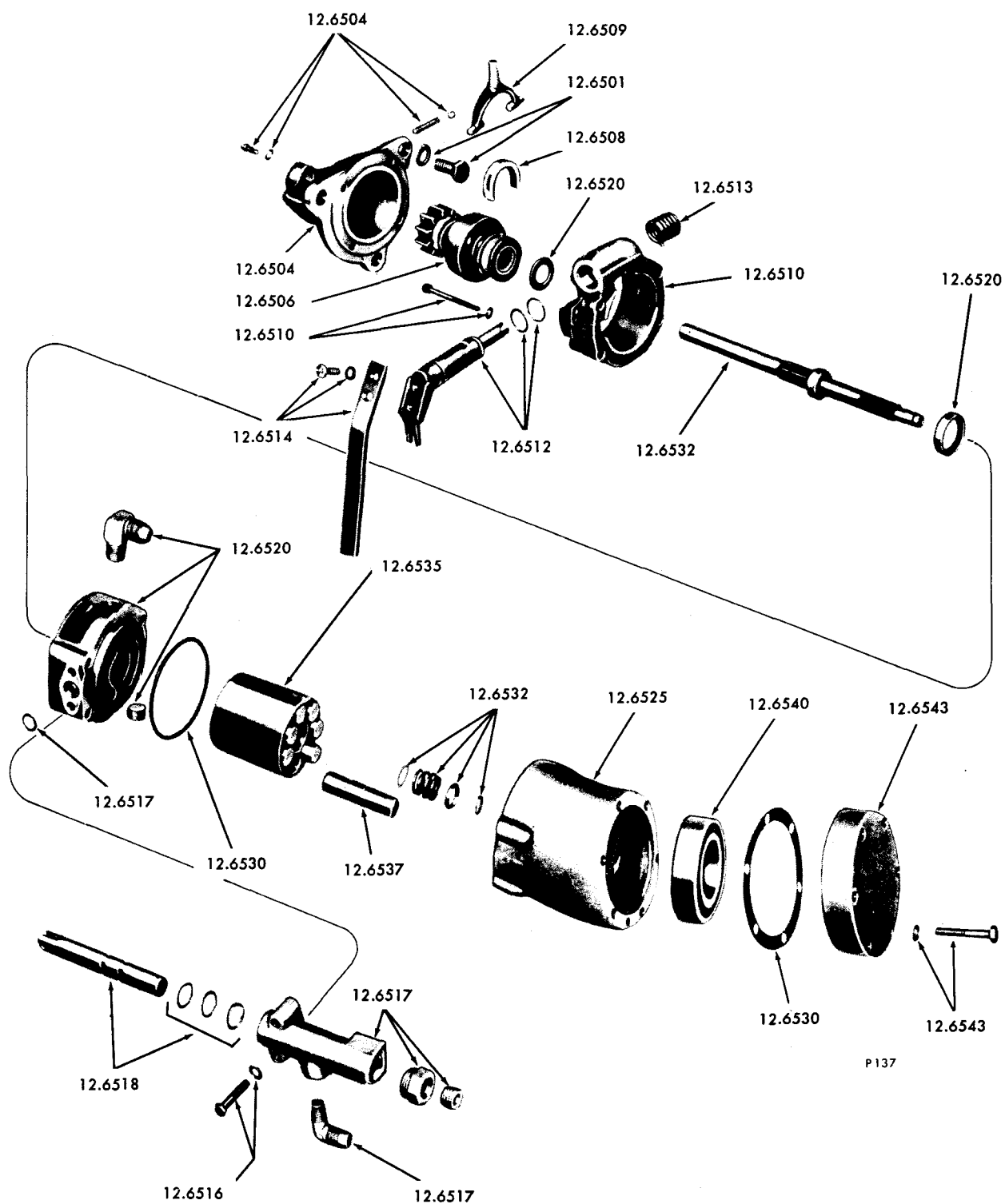


FIG. 6A HYDRAULIC STARTER

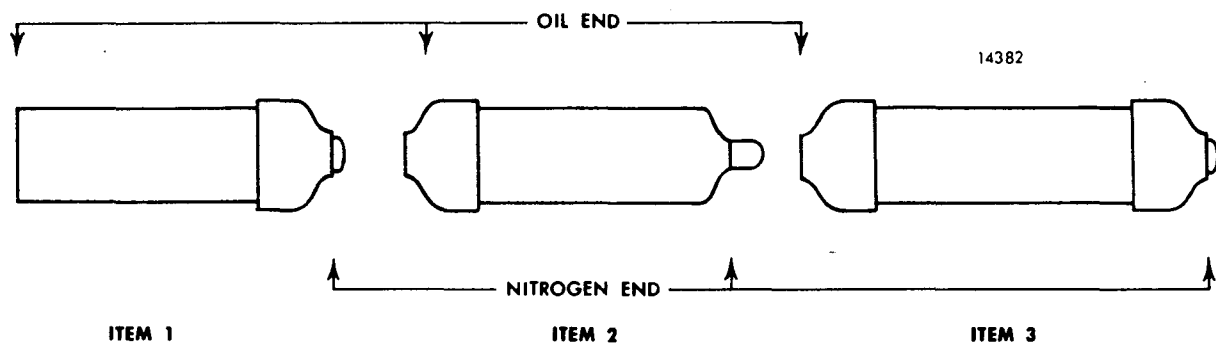


FIG. 6B HYDRAULIC STARTER ACCUMULATOR

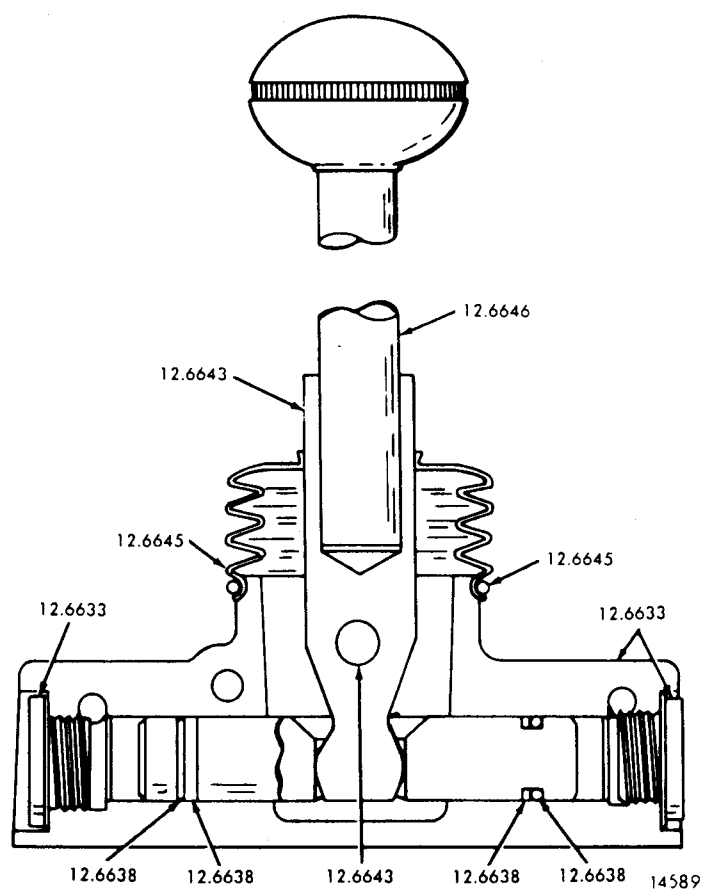


FIG. 6C

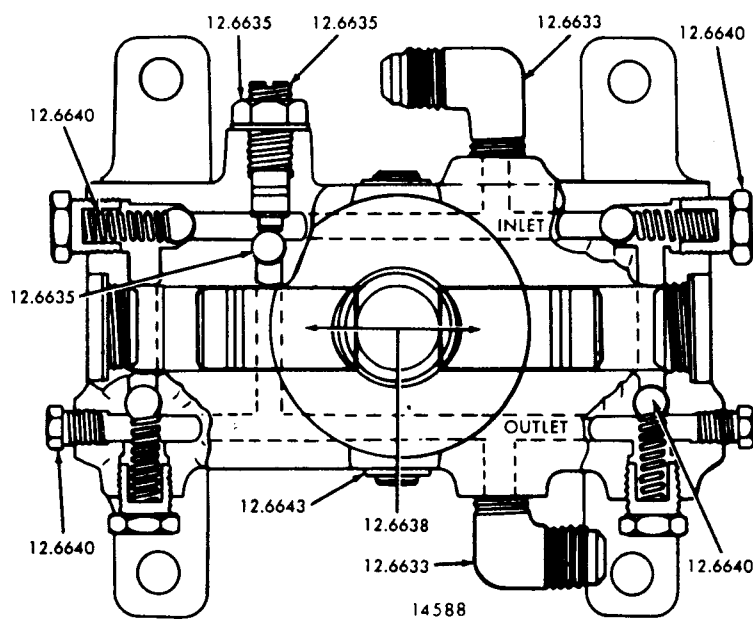
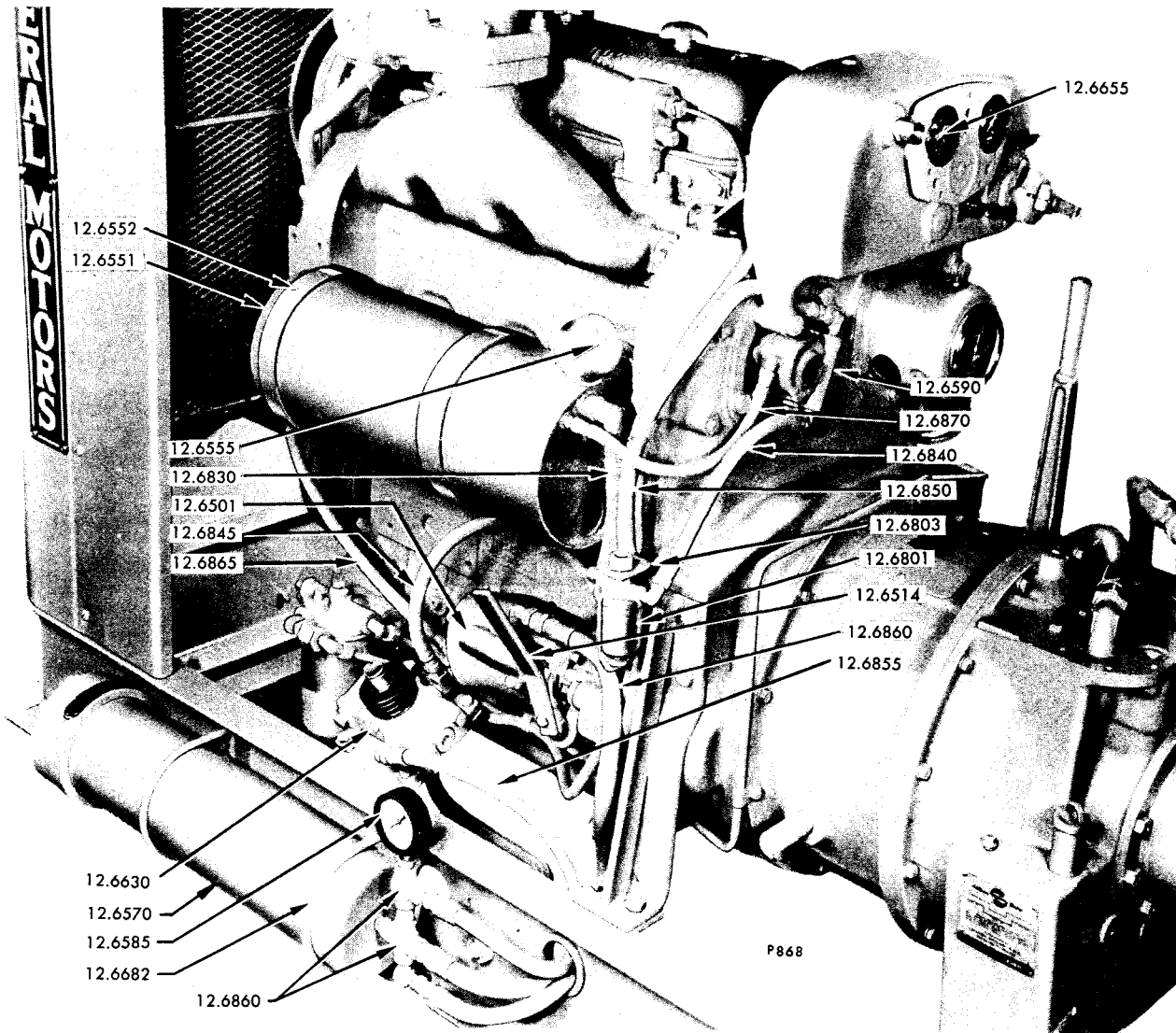


FIG. 6D

HYDRAULIC STARTER HAND PUMP





**FIG. 6H TYPICAL HYDRAULIC STARTER INSTALLATION
(Direct Control)**

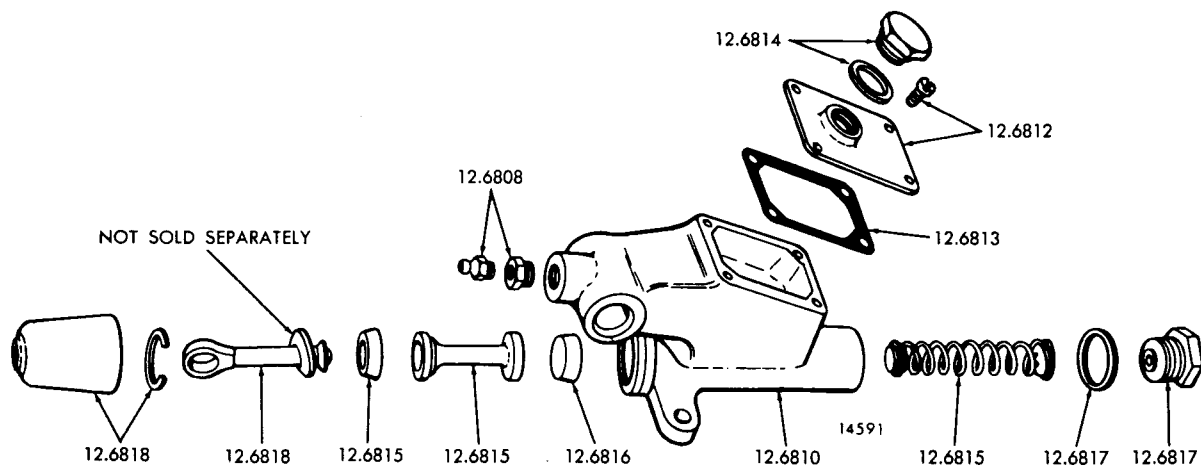
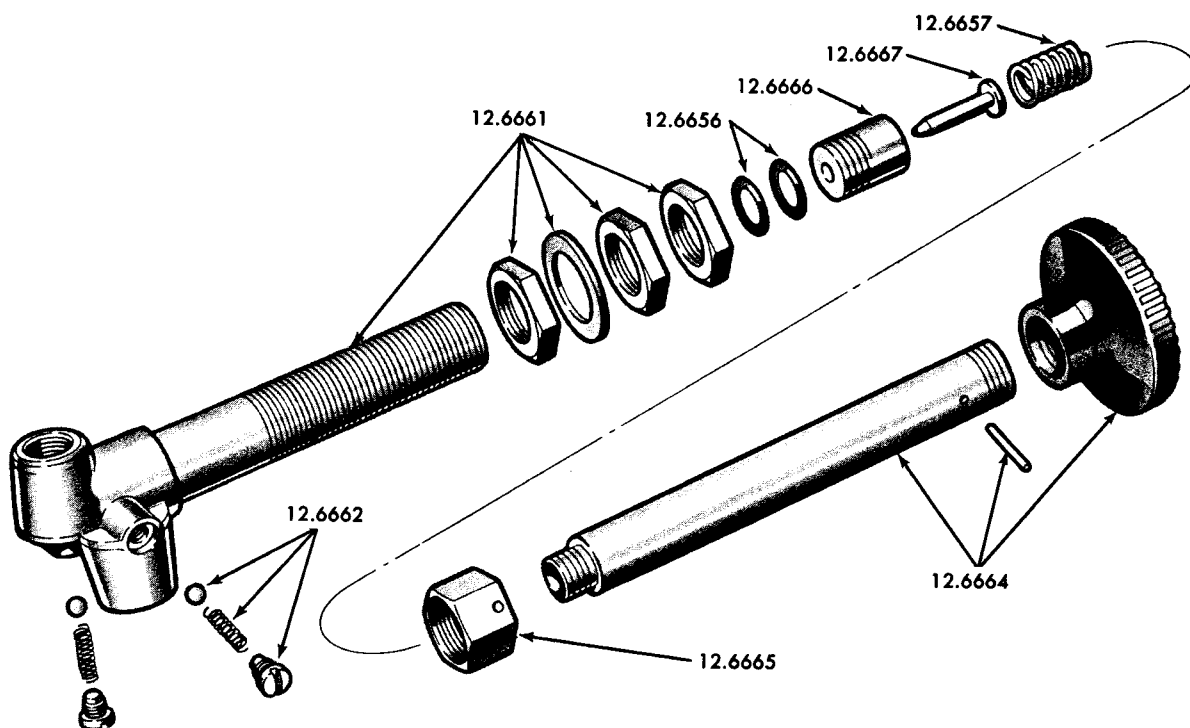


FIG. 6J REMOTE CONTROL MASTER CYLINDER



P 953

FIG. 6K FUEL PRIMER PUMP ASSEMBLY

12.2000A BILGE PUMP

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES										
			1	2	3	4	5	6	7	8	9	10	11
		12.2001 - PUMP ASSY., BILGE											
		A PUMP ASSY. INCLUDES ITEMS IN 12.2010 THRU 12.2140.											
1A	5168716	PUMP ASSY. (PIECE 2)	1	1	1			1	1			1	
1A	5169979	PUMP ASSY. (&IECE 1)				1	1			1	1		1
1A	179884	BOLT, 1/2"-13X1 3/8" (12.9001)	2		2	2	2		2	2		2	
1A	181427	BOLT, 1/2"-20X1" (12.9001)									1	1	
1A	181429	BOLT, 1/2"-20X1 1/4" (12.9001)						2					2
1A	181433	BOLT, 1/2"-20X1 3/4" (12.9001)		2									
1A	181436	BOLT, 1/2"-20X2 1/4" (12.9001)									1	1	
1A	103323	LOCKWASHER, 1/2" (12.9200)	2	2	2	2	2	2	2	2	2	2	2
	117051	NUT, 1/2"-20 HEX. (12.9120)		2								2	
		12.2010 - BODY, BILGE PUMP											
1A	5197518	BODY	1	1	1			1	1			1	
1A	5197519	BODY				1	1			1	1		1
1A	5163834	WASHER (5.5600)	6	6	6	6	6	6	6	6	6	6	6
1A	123213	NUT, 5/16"-18 HEX. BR. (12.9120)	6	6	6	6	6	6	6	6	6	6	6
		12.2020 - STUD, BILGE PUMP BODY											
1A	5190446	STUD	6	6	6	6	6	6	6	6	6	6	6
		12.2030 - GASKET, SET, BILGE PUMP BODY											
		A GASKET SET INCLUDES ONE EACH OF .005" AND .010" THICK GASKET.											
1A	5164528 #	GASKET SET	1	1	1	1	1	1	1	1	1	1	1
	#	OBSOLETE.											
		12.2040 - IMPELLER AND SHAFT ASSY., BILGE PUMP											
		INCLUDES PIN IN GROUP 12.2040.											
1A	5190464	IMPELLER AND SHAFT ASSY.	1	1	1	1	1	1	1	1	1	1	1
	5190442	PIN	1	1	1	1	1	1	1	1	1	1	1
		12.2050 - HOUSING, BILGE PUMP IMPELLER											
1A	5190429	HOUSING	1	1	1	1	1	1	1	1	1	1	1
1A	134519	DRAINCOCK, 1/8" (12.9510)	1	1	1	1	1	1	1	1	1	1	1

12.2000A BILGE PUMP

			TYPES										
..FIG ..	PART NUMBER	NAME AND DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11
12.2060 - PACKING, BILGE PUMP SHAFT													
1A	5160375	PACKING (5.6170)	4	4	4	4	4	4	4	4	4	4	4
	5190476	PACKING	1	1	1	1	1	1	1	1	1	1	1
12.2070 - GLAND, BILGE PUMP SHAFT PACKING													
1A	5190439	GLAND	1	1	1	1	1	1	1	1	1	1	1
1A	5190452	LOCK	1	1	1	1	1	1	1	1	1	1	1
1A	122002	NUT, 5/16"-24 HEX. BR. (12.9120)	2	2	2	2	2	2	2	2	2	2	2
12.2080 - STUD, BILGE PUMP SHAFT PACKING GLAND													
	5190444	STUD	2	2	2	2	2	2	2	2	2	2	2
12.2090 - BUSHING, BILGE PUMP SHAFT													
1A	5164453	BUSHING	1	1	1	1	1	1	1	1	1	1	1
12.2100 - BEARING, BILGE PUMP SHAFT													
1A	954143	BEARING (N.D. 88503X1C)	1	1	1	1	1	1	1	1	1	1	1
12.2110 - SHIM, BILGE PUMP SHAFT BEARING													
1A	5190443	SHIM (.005")	1	1	1	1	1	1	1	1	1	1	1
12.2120 - RETAINER, BILGE PUMP SHAFT BEARING													
1A	5190440	RETAINER	1	1	1	1	1	1	1	1	1	1	1
1A	110570	SCREW, #10-24X1/2" FIL. HD. BR. (12.9010)	4	4	4	4	4	4	4	4	4	4	4
12.2130 - CUP, BILGE PUMP GREASE													
1A	5190441	CUP	1	1	1	1	1	1	1	1	1	1	1
12.2140 - PULLEY ASSY., BILGE PUMP DRIVEN													
A PULLEY ASSY. CONSISTS OF PULLEY AND FLANGE WHICH ARE NOT SERVICED SEPARATELY.													

12.2000A BILGE PUMP

			TYPES												
FIG	PART NUMBER	NAME AND DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12	13
12.2140 - PULLEY ASSY., BILGE PUMP DRIVEN (CONT'D)															
1A	5190447	PULLEY ASSY.	1	1	1	1	1	1	1	1	1	1	1	1	1
1A	5190450	LOCK	2	2	2	2	2	2	2	2	2	2	2	2	2
1A	124546	KEY, 5/32"X5/8" WOODRUFF (12.9350)	1	1	1	1	1	1	1	1	1	1	1	1	1
1A	114351	SCREW, 1/4"-20X3/8" FIL. HD. (12.9010)	2	2	2	2	2	2	2	2	2	2	2	2	2
1A	103319	LOCKWASHER, 1/4" (12.9200)	2	2	2	2	2	2	2	2	2	2	2	2	2
1A	117053	NUT, 5/8"-18 HEX. (12.9120)	1	1	1	1	1	1	1	1	1	1	1	1	1
12.2185 - COVER, BILGE PUMP PRIMING PLATE															
1A	5119924	COVER (AT EXHAUST MANIFOLD) (6.1100)	1		1	1	1		1	1			1	1	
1A	123197	NUT, 5/16"-18 HEX. (12.9120)	2		2	2	2		2	2			2	2	
12.2187 - GASKET, BILGE PUMP PRIMING PLATE COVER															
1A	5156319	GASKET (5.5610)	1		1	1	1		1	1			1	1	
12.2190 - TUBE, BILGE PUMP PRIMING															
	5169798	TUBE ASSY. (DEV. L. 47 13/16")						1							
	225828	ELBOW, 1/2" INV. FL. TUBE						2							
		90 DEG. (12.9480)													
12.2195 - CLIP, BILGE PUMP PRIMING TUBE															
	5153473	CLIP (4.6040)						1							
12.2220 - CONNECTOR, BILGE PUMP PRIMING TUBE															
1A	5163733	CONNECTOR (12.4085)	2		2	2	2		2	2			2	2	
12.2230 - HOSE, BILGE PUMP PRIMING TUBE															
1A	5175219	HOSE (3/8" I.D.X22")	1		1	1	1		1	1			1	1	
12.2250 - BRACKET, BILGE PUMP															
1A	5168886	# BRACKET	1						1						
1A	5168959	* BRACKET		1											
1A	5168361	# BRACKET			1										

. TYPES

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12.2000A BILGE PUMP

PART			TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	1 4	1 5	1 6	1 7	1 8	2 0	2 2	2 4	2 5	3 0
12.2001 - PUMP ASSY., BILGE												
A PUMP ASSY. INCLUDES ITEMS IN 12.2010 THRU 12.2140.												
1A	5168716	PUMP ASSY. (PIECE 2)	1		1	1	1	1		1		1
1A	5169979	PUMP ASSY. (PIECE 1)		1					1		1	1
1A	179884	BOLT, 1/2"-13X1 3/8" (12.9001)					2				2	2
1A	181429	BOLT, 1/2"-20X1 1/4" (12.9001)	2	2	2							
1A	181433	BOLT, 1/2"-20X1 3/4" (12.9001)				2						
1A	103323	LOCKWASHER, 1/2" (12.9200)	2	2	2	2	2				2	2
1A	117051	NUT, 1/2"-20 HEX. (12.9120)				2	2					2
12.2010 - BODY, BILGE PUMP												
1A	5197518	BODY	1		1	1	1	1		1		1
1A	5197519	BODY		1					1		1	
1A	5163834	WASHER (5.5600)	6	6	6	6	6	6	6	6	6	6
1A	123213	NUT, 5/16"-18 HEX. BR. (12.9120)	6	6	6	6	6	6	6	6	6	6
12.2020 - STUD, BILGE PUMP BODY												
1A	5190446	STUD	6	6	6	6	6	6	6	6	6	6
12.2030 - GASKET, SET, BILGE PUMP BODY												
A GASKET SET INCLUDES ONE EACH OF .005" AND .010" THICK GASKET.												
1A	5164528 #	GASKET SET	1	1	1	1	1	1	1	1	1	1
	#	OBSOLETE.										
12.2040 - IMPELLER AND SHAFT ASSY., BILGE PUMP												
INCLUDES PIN IN GROUP 12.2040.												
1A	5190464	IMPELLER AND SHAFT ASSY.	1	1	1	1	1	1	1	1	1	1
	5190442	PIN	1	1	1	1	1	1	1	1	1	1
12.2050 - HOUSING, BILGE PUMP IMPELLER												
1A	5190429	HOUSING	1	1	1	1	1	1	1	1	1	1
1A	134519	DRAINCOCK, 1/8" (12.9510)	1	1	1	1	1	1	1	1	1	1
12.2060 - PACKING, BILGE PUMP SHAFT												
1A	5160375	PACKING (5.6170)	4	4	4	4	4	4	4	4	4	4
	5190476	PACKING	1	1	1	1	1	1	1	1	1	1

12.2000A BILGE PUMP

			TYPES													
FIG	PART NUMBER	NAME AND DESCRIPTION	1 4	1 5	1 6	1 7	1 8	2 0	2 2	2 4	2 5	2 6	3 0			
12.2070 - GLAND, BILGE PUMP SHAFT PACKING																
1A	5190439	GLAND	1	1	1	1	1	1	1	1	1	1	1			
1A	5190452	LOCK	1	1	1	1	1	1	1	1	1	1	1			
1A	122002	NUT, 5/16"-24 HEX. BR. (12.9120)	2	2	2	2	2	2	2	2	2	2	2			
12.2080 - STUD, BILGE PUMP SHAFT PACKING GLAND																
	5190444	STUD	2	2	2	2	2	2	2	2	2	2	2			
12.2090 - BUSHING, BILGE PUMP SHAFT																
1A	5164453	BUSHING	1	1	1	1	1	1	1	1	1	1	1			
12.2100 - BEARING, BILGE PUMP SHAFT																
1A	954143	BEARING (N.D. 88503X1C)	1	1	1	1	1	1	1	1	1	1	1			
12.2110 - SHIM, BILGE PUMP SHAFT BEARING																
1A	5190443	SHIM (.005")	1	1	1	1	1	1	1	1	1	1	1			
12.2120 - RETAINER, BILGE PUMP SHAFT BEARING																
1A	5190440	RETAINER	1	1	1	1	1	1	1	1	1	1	1			
1A	110570	SCREW, #10-24X1/2" FIL. HD. BR. (12.9010)	4	4	4	4	4	4	4	4	4	4	4			
12.2130 - CUP, BILGE PUMP GREASE																
1A	5190441	CUP	1	1	1	1	1	1	1	1	1	1	1			
12.2140 - PULLEY ASSY., BILGE PUMP DRIVEN																
A PULLEY ASSY. CONSISTS OF PULLEY AND FLANGE WHICH ARE NOT SERVICED SEPARATELY.																
1A	5190447	PULLEY ASSY.	1	1	1	1	1	1	1	1	1	1	1			
1A	5190450	LOCK	2	2	2	2	2	2	2	2	2	2	2			
1A	124546	KEY, 5/32"X5/8" WOODRUFF (12.9350)	1	1	1	1	1	1	1	1	1	1	1			
1A	114351	SCREW, 1/4"-20X3/8" FIL. HD. (12.9010)	2	2	2	2	2	2	2	2	2	2	2			
1A	103319	LOCKWASHER, 1/4" (12.9200)	2	2	2	2	2	2	2	2	2	2	2			

12.2000A BILGE PUMP

PART			TYPES														
..FIG ..	NUMBER	NAME AND DESCRIPTION	1 4	1 5	1 6	1 7	1 8	2 0	2 2	2 4	2 5	2 6	3 0				
12.2140 - PULLEY ASSY., BILGE PUMP DRIVEN (CONT'D)																	
1A	117053	NUT, 5/8"-18 HEX. (12.9120)	1	1	1	1	1	1	1	1	1	1	1				
12.2185 - COVER, BILGE PUMP PRIMING PLATE																	
1A	5119924	COVER (AT EXHAUST MANIFOLD) (6.1100)	1	1	1		1				1	1	1				
1A	123197	NUT, 5/16"-18 HEX. (12.9120)	2	2	2		2				2	2	2				
12.2187 - GASKET, BILGE PUMP PRIMING PLATE COVER																	
1A	5156319	GASKET (5.5610)	1	1	1		1				1	1	1				
12.2190 - TUBE, BILGE PUMP PRIMING																	
	5169798	TUBE ASSY. (DEV. L. 47 13/16")						1									
	225828	ELBOW, 1/2" INV. FL. TUBE 90 DEG. (12.9480)						2									
12.2220 - CONNECTOR, BILGE PUMP PRIMING TUBE																	
1A	5163733	CONNECTOR (12.4085)	2	2	2		2				2	2	2				
12.2230 - HOSE, BILGE PUMP PRIMING TUBE																	
1A	5175219	HOSE (3/8" I.D.X22")	1	1	1		1				1	1	1				
12.2250 - BRACKET, BILGE PUMP																	
1A	5168886 #	BRACKET										1					
1A	5170053	BRACKET									1						
1A	5183017	BRACKET (C ENGINE)	1														
1A	5183016	BRACKET (A ENGINE)		1													
1A	5183015	BRACKET (C ENGINE)			1												
1A	5185427	BRACKET				1											
1A	5178854	BRACKET					1										
1A	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	3	3	3												
1A	186628	BOLT, 3/8"-16X1 1/2" (12.9001)									3	3					
	186646	BOLT, 1/2"-13X1 3/4" (12.9001)					2						2				
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)				2											
1A	103321	LOCKWASHER, 3/8" (12.9200)	3	3	3						3	3					
	103323	LOCKWASHER, 1/2" (12.9200)				2	2						2				
	117051	NUT, 1/2"-20 HEX. (12.9120)				2											

12.2000A BILGE PUMP

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 4	1 5	1 6	1 7	1 8	2 0	2 2	2 4	2 5	2 6	3 0
	12.2250	BRACKET, BILGE PUMP (CONT'D)											
		# OBSOLETE.											
	12.2255	SHIM, BILGE PUMP BRACKET											
	5185520	SHIM (.060") (TO BASE)				AR							

12.3000A VACUUM PUMP

PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	1	2	6	7	9	1	2	2	2	3	3	
								2	2	9	4	5	6	
								1	6					
								2						
12.3001 - PUMP ASSY., VACUUM														
NOTE: SERVICE ON COMPONENT PARTS OF VACUUM PUMP ASSEMBLIES IS HANDLED BY BENDIX PRODUCTS DIVISION, SOUTH BEND, INDIANA. (FURNISH THEIR ASSEMBLY PART NUMBER.) ALL ITEMS LISTED IN THIS GROUP ARE SERVICED BY DETROIT DIESEL ALLISON DIVISION														
1B	5168878 *	PUMP ASSY. (LESS PULLEY) (BENDIX ... NO. 372819)	1	1	1		1	1	1	1	1	1		
1B	5173807	PUMP ASSY. (LESS PULLEY) (BENDIX ... NO. 2501020)	1	1	1		1	1	1	1	1	1	1	1
1B	5168905 *	PUMP ASSY. (LESS PULLEY) (BENDIX ... NO. 373087)				1								
1B	5109068 #	PUMP ASSY. (LESS PULLEY) (BENDIX ... NO. 2501025)				1								
1B	216283	BOLT, 7/16"-20X1 3/4" (12.9001) ...	4	4	4	4	4	4	4	4	4	4	4	4
	103322	LOCKWASHER, 7/16" (12.9200) ...	4	4	4	4	4	4	4	4	4	4	4	4
1B	117050	NUT, 7/16"-20 HEX. (12.9120) ... * NOT SERVICED, USE SECOND PUMP ASSY. SHOWN IN TYPE. # OBSOLETE.	4	4	4	4	4	4	4	4	4	4	4	4
12.3005 - GASKET, VACUUM PUMP														
1B	3291011	GASKET	1	1	1	1	1	1	1	1	1	1	1	1
12.3010 - PULLEY, VACUUM PUMP														
1B	3291292	PULLEY, (1-GROOVE) 1" WIDE; 4" DIA.	1	1	1	1	1	1	1					
1B	5162965	PULLEY, (2-GROOVE) 1/2" WIDE; ... 4" DIA, 1.61" O.A.L.								1		1	1	
12.3020 - SUPPORT, VACUUM PUMP														
1B	3224437	SUPPORT											1	
1B	3291291	SUPPORT	1	1	1	1	1	1	1	1		1		
1B	3229254	SUPPORT									1			1
	179837	BOLT, 3/8"-16X3/4" (12.9001) ...	4	4	4	4	4	4	4	4		4		
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001) ...									4		4	4
	103321	LOCKWASHER, 3/8" (12.9200) ...	4	4	4	4	4	4	4	4		4		
12.3040 - TUBE, VACUUM PUMP OIL SUPPLY														
1B	5121895	TUBE (DEV. L. 10.26")											1	
1B	5170483	TUBE (DEV. L. 11.06")	1				1			1		1		
1B	5167954	TUBE (DEV. L. 13 9/16")		1	1	1		1						

12.3000A VACUUM PUMP

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES									
			1	2	6	7	9	1	2	2	3	3
								1	2	9	5	6
		12.3040 - TUBE, VACUUM PUMP OIL SUPPLY (CONT'D)										
1B	2289944	HOSE, FLEX. (3/16"X11 13/64") (7.4074)						1				
1B	5173442	TUBE (DEV. L. 10 1/4")								1		1
1B	225810	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (PUMP) (12.9480)	1	1	1	1	1		1		1	
	9432337	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (BLOCK) (12.9480)	1	1	1	1	1	1	1		1	
	9409931	ELBOW, 1/4" INV. FL. TUBE (PUMP) (12.9480)						1				
	143342	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)								2	2	2
	141539	BUSHING, 1/4"X1/8" RED. PIPE (12.9570)	1	1	1	1	1	1	1		1	
		12.3050 - TUBE, VACUUM PUMP OIL DRAIN										
1B	5167895 #	TUBE (DEV. L. 21 11/16")	1									
1B	5167953	TUBE (DEV. L. 21 11/16")		1								
1B	5174684	TUBE (DEV. L. 22 3/4")			1	1						
1B	5174683	TUBE (DEV. L. 22 3/4")					1					
1B	5126854	TUBE (DEV. L. 26.70")						1				
1B	5121810	HOSE, FLEX. (1/2"X12 1/2") (12.4085)						1				
1B	5108744	HOSE, FLEX. (1/2"X23")							1		1	1
	5199577	HOSE, BULK #10X25' (16"L.) (12.8550)								1		1
1B	5131263	TUBE (DEV. L. 18.10")								1		
	5120020	FITTING, HOSE (PUMP) (12.4085)						1				
	5121825	FITTING, HOSE (BLOCK) (12.4090)						1				
	5173854	FITTING, HOSE							2		2	2
	5199581	FITTING, #10 HOSE (7/8"-18 INV. FL.) (12.8550)									2	
	120284	ELBOW, 3/8"X1/4"-90 DEG. RED. (12.9600)						1				
	9402826	ELBOW, 3/8"X3/4" RED. (12.9600)						1				
	225817	ELBOW, 7/16" INV. FL. TUBE 90 DEG. (PUMP AND BLOCK) (12.9480)	2	2								
	188947	ELBOW, 1/2" INV. FL. TUBE (BLOCK) (12.9480)			2	2	2		1	1	1	1
	225828	ELBOW, 1/2" INV. FL. TUBE 90 DEG. (PUMP) (12.9480)							1	1	1	1
	442343	ELBOW, 5/8" TUBE, 1/2"P.T. (12.9480)										1
	5148791	ELBOW, 5/8" TUBE, 3/4" P. T.										1
	105407	NIPPLE, 1/4"X1 1/2" PIPE						1				
	116524	BUSHING, 1/2"X1/4" RED. PIPE (12.9570)	1	1	1	1	1					
	142269	BUSHING, 1/2"X3/8" RED. (12.9570)						1	1	1	1	1
	3291251	CLIP, 5/8"							1		1	1

12.3000A VACUUM PUMP

PART		TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	1	2	6	7	9	1	2	2	3
								1	2	9	5
								2	6		3
											6
	12.3050	TUBE, VACUUM PUMP OIL DRAIN (CONT'D)									
	100146	BOLT, 7/16"-14X1" (12.9001)							1	1	1
	103342	WASHER, 7/16" FLAT (12.9190)							1	1	1
	103322	LOCKWASHER, 7/16" (12.9200)							1	1	1
		# OBSOLETE									

12.4000A AIR COMPRESSOR

[illegible]

12.4000A AIR COMPRESSOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1	2	3	4	5	6	8	9	10	11	12	13
		12.4015 - PULLEY, AIR COMPRESSOR (CONT'D)												
		@ OBSOLETE												
		6-14364 ON TYPES 1, 2, 3.												
		& EFFECTIVE WITH 3-3641, 4-6454,												
		12.4020 - ADAPTOR, AIR COMPRESSOR												
3A	5108441	ADAPTOR							1	1	1	1	1	1
2A	186725	BOLT, 1/2"-13X1 1/2" (12.9001)							2	2	2	2	2	2
	103323	LOCKWASHER, 1/2" (12.9200)							2	2	2	2	2	2
		12.4025 - GASKET, AIR COMPRESSOR ADAPTOR												
3A	5117061	GASKET (1.5040)							1	1	1	1	1	1
		12.4037 - PLATE, AIR COMPRESSOR DRIVE												
3A	5153533	+ PLATE ASSY. (WITH SPACER) (1.7630)							1	1	1	1	1	1
3A	5153449	= PLATE (1.7630)							1	1	1	1	1	1
%	5153450	+ SPACER (1.7630)							4	4	4	4	4	4
#	5177026	= SPACER (1.7630)							4	4	4	4	4	4
%	5155942	+ BOLT (1.7630)							4	4	4	4	4	4
#	5176474	= BOLT (1.7630)							4	4	4	4	4	4
%	5151241	+ LOCKWIRE (REQUIRED WITH DRILLED HEAD BOLT) (4.1550)							2	2	2	2	2	2
	103321	= LOCKWASHER, 3/8" (12.9200)							4	4	4	4	4	4
		% FIG. 9F OF 1.0000.												
		# FIG. 9H OF 1.0000.												
		+ THRU 3A-044, 4A-006, 6A-020, 12A-006.												
		= EFFECTIVE WITH 3A-045, 4A-007, 6A-021, 12A-007.												
		12.4040 - HUB, AIR COMPRESSOR												
3A	2070612	HUB							1	1	1	1	1	1
		12.4050 - COUPLING, AIR COMPRESSOR DRIVE												
3A	2070611	COUPLING							1	1	1	1	1	1
		12.4055 - RING, AIR COMPRESSOR DRIVE COUPLING												
	5160408	RING							1	1	1	1	1	1

12.4000A AIR COMPRESSOR

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1	2	3	4	5	6	8	9	10	11	12
		12.4060 - RETAINER, AIR COMPRESSOR DRIVE COUPLING RING											
	2070610	RING							1	1	1	1	1
		12.4065 - TUBE, AIR COMPRESSOR LUBE OIL SUPPLY											
9A	5173442	TUBE (DEV. L. 10 1/4")	1	1	1								
9A	5159912	TUBE (DEV. L. 11 3/8")				1	1	1					
2A,2C	5168055	TUBE (DEV. L. 25 5/16")							1	1	1		
2A,2C	5168056	TUBE (DEV. L. 24 3/4")										1	1
	5151617	TEE (BLOCK) (4.1660)							1	1	1		
	9432337	ELBOW, 1/4" INV. FL. TUBE 90 DEG. - 1/4" P.T. (12.9480)	2	2	2	2	2	2					
	125859	ELBOW, 1/4" INV. FL. TUBE 45 DEG. (12.9480)							1	1	1		
	225815	ELBOW, 5/16" INV. FL. TUBE 90 DEG. (12.9480)										1	1
	442322	CONNECTOR, 5/16" INV. FL. TUBE (12.9460)										1	1
		12.4070 - TUBE, AIR COMPRESSOR DRAIN											
9A	5172134	TUBE (DEV. L. 23")	1	1	1								
2B	116524 *	BUSHING, 1/2"X1/4" RED. PIPE (12.9570)	1	1	1	1	1	1					
2B	142269	BUSHING, 1/2"X3/8" RED. PIPE (12.9570)	1	1	1								
2B	225817 *	ELBOW, 7/16" INV. FL. TUBE 90 DEG. (12.9480)	2	2	2	2	2	2					
	188947 @	ELBOW, 1/2" INV. FL. TUBE 90 DEG. (BLOCK) (12.9480)	1	1	1								
2B	225828 @	ELBOW, 1/2" INV. FL. TUBE 90 DEG. (COMPRESSOR) (12.9480) * THRU 3-9823, 4-12233, 6-20870 ON TYPES 1, 2 AND 3. @ EFFECTIVE WITH 3-9824, 4-12234, 6-20871 ON TYPES 1, 2 AND 3.	1	1	1								
		12.4080 - CLIP, AIR COMPRESSOR LUBE OIL TUBE											
	3290573	CLIP (SUPPLY)							1	1	1		
		12.4085 - TUBE, AIR COMPRESSOR WATER INLET											
2B	5167852	TUBE (DEV. L. 12 5/16")	1	1	1								
2B	5159911 *	TUBE (DEV. L. 12 5/16") (5199575)				1	1	1					
2A,C	5168979	TUBE (DEV. L. 16 1/8")							1	1	1		

12.4000A AIR COMPRESSOR

PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	1	2	3	4	5	6	8	9	10	11	12	13
12.4085 - TUBE, AIR COMPRESSOR WATER INLET (CONT'D)														
2A	5170675 @	HOSE (1/2" I.D.X6 1/2")										1	1	1
	5168296	TEE							1	1	1	1	1	1
	3133153	CONNECTOR, HOSE										1	1	1
2A	5164305	CLAMP, HOSE										1	1	1
	111316	ELBOW, 3/8" STREET 90 DEG. (12.9590)										1	1	1
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)	1	1	1	1	1	1						
	9432249	ELBOW, 3/8" INV. FL. TUBE 90 DEG., 3/8" P.T. (12.9480)	1	1	1	1	1	1						
	225828	ELBOW, 1/2" INV. FL. TUBE 90 DEG. (12.9480)							2	2	2			
	* NOT SERVICED, FABRICATE WITH BULK HOSE SHOWN IN PARENTHESES AND INCLUDE FITTINGS IN 12.8552.													
	@ STANDARD LENGTH; HOSE CUT TO LENGTH SHOWN.													
12.4090 - TUBE, AIR COMPRESSOR WATER OUTLET														
2B	5167849	TUBE (DEV. L. 31")	1											
2B	5167851	TUBE (DEV. L. 32 1/2")		1										
2B	5167850	TUBE (DEV. L. 35 3/4")			1									
2B	3224529	TUBE (DEV. L. 31")				1								
2B	3224531	TUBE (DEV. L. 32 1/2")					1							
2B	3224551 *	TUBE (DEV. L. 35 3/4") (5199575)						1						
2A	5168054	TUBE (REAR) (DEV. L. 22 1/8")							1	1	1			
2B	5168046	TUBE (FRONT) (DEV. L. 19")							1					
2B	5168050	TUBE (FRONT) (DEV. L. 22 1/4")								1				
2B	5168049	TUBE (FRONT) (DEV. L. 30 1/2")									1			
2A	5168053	TUBE (REAR) (DEV. L. 34 3/8")										1	1	1
2B	5168047	TUBE (FRONT) (DEV. L. 19")										1		
2B	5168052	TUBE (FRONT) (DEV. L. 19")											1	
2B	5168501	TUBE (FRONT) (DEV. L. 30 3/8")												1
	225828	ELBOW, 1/2" INV. FL. TUBE 90 DEG. (12.9480)							2	2	2	2	2	2
	9432249	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)	2	2	2	2	2	2						
	442340	UNION, 1/2" INV. FL. TUBE (12.9475)							1	1	1	1	1	1
	* NOT SERVICED, FABRICATE WITH BULK HOSE SHOWN IN PARENTHESES AND INCLUDE FITTINGS IN 12.8552.													
12.4095 - CLIP, AIR COMPRESSOR WATER TUBE														
	3224539	CLIP (OUTLET TUBE)	1	1	1	1	1	1						
	5168001	CLIP (OUTLET TUBE)							1	1	1	1	1	1

12.4000A AIR COMPRESSOR

TYPES

PART		1	2	2	2	2	2	2	3
..FIG ..	NUMBER	9	0	1	2	3	4	5	6
NAME AND DESCRIPTION									
12.4001 - COMPRESSOR ASSY., AIR									
NOTE: SERVICE ON COMPONENT PARTS OF AIR COMPRESSOR ASSY. IS HANDLED BY BENDIX-WESTINGHOUSE. (FURNISH THEIR ASSY. PART NUMBER WHICH IS SHOWN IN THE CHART ON PAGE 1). ALL ITEMS LISTED IN THIS SECTION ARE SOLD BY DETROIT DIESEL ALLISON.									
NPN	COMPRESSOR ASSY. (CUSTOMER FURNISHED)								
2B	5172060 * COMPRESSOR ASSY.	1						1	1
2B	5172147 * COMPRESSOR ASSY.		1						
2B	5172630 * COMPRESSOR ASSY.				1				1
2B	5172148 * COMPRESSOR ASSY.					1			
2A	5173446 * COMPRESSOR ASSY.							1	
2B,9A	5173937 * COMPRESSOR ASSY.								1
2A	179862 BOLT, 7/16"-14X1 1/2" (12.9001)							1	
2B,9A	216283 BOLT, 7/16"-20X1 3/4" (12.9001)	4	4		4	4		4	4
2A	186725 BOLT, 1/2"-13X1 1/2" (12.9001)						4		
	103322 LOCKWASHER, 7/16" (12.9200)	4	4		4	4		4	4
2B,9A	117050 NUT, 7/16"-20 HEX. (12.9120)	4	4		4	4		4	4
* ASSY. NOT SERVICED, REFER TO CHART PAGE 1.									
12.4005 - GASKET, AIR COMP. MTG.									
	2067767 # @ GASKET (5131939)	1	1		1	1		1	1
	708872 GASKET	1	1		1	1		1	1
3A	2070614 GASKET			1					
# FURNISHED WITH AIR COMPRESSOR. @ NOT SERVICED, USE NUMBER IN PARENTHESES.									
12.4010 - BRACKET, AIR COMP. MTG.									
2B,9A	3229254 BRACKET	1	1					1	1
2B,9A	3224437 BRACKET				1	1		1	1
	179837 BOLT, 3/8"-16X3/4" (12.9001)	4	4		4	4		4	4
12.4015 - PULLEY, AIR COMPRESSOR									
2B	5170754 PULLEY (SINGLE GROOVE-1" WIDE)	1	1		1	1		1	1
12.4020 - ADAPTOR, AIR COMPRESSOR									
3A	5108441 ADAPTOR			1					