

12.4000A AIR COMPRESSOR

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES											
			1 1 7	1 1 9	2 2 0	1 2 0	1 2 0	1 2 0	1 2 1	1 2 1	1 2 2	1 2 2	1 2 3	1 2 3
12.4001 - COMPRESSOR ASSY., AIR														
COMPONENTS OF AIR COMPRESSOR ASSYS. ARE NOT SERVICED BY DDA. FOR COMPONENT REPLACEMENT CONTACT BENDIX WESTINGHOUSE (B.W.) OR MIDLAND ROSS (M.R.) FURNISH THEIR ASSEMBLY PART NUMBER WHICH IS SHOWN IN PARENTHESES.														
3B	8921208	COMPRESSOR ASSY., 15.5 CFM (B.W. 101650)	1											
3B	5106138	COMPRESSOR ASSY., 7.25 CFM (M.R. N5309A)		1			1							
3C	5101017	COMPRESSOR ASSY., 12 CFM (B.W. 285970)			1					1			1	
3B	8921207	COMPRESSOR ASSY., 15.5 CFM (B.W. 101649)				1								
3C	5106139	COMPRESSOR ASSY., 7.25 CFM (M.R. 5504A)						1						
3C	5106859	COMPRESSOR ASSY., 16 CFM (M.R. 7205F)							1					
3C	5101018	COMPRESSOR ASSY., 12 CFM (B.W. 285977)								1		1		
3C	5102066	COMPRESSOR ASSY., 12 CFM (B.W. 285924)												1
	103375	PIN, 3/32"x1 1/4" COTTER (12.9250)	1			1		1	1					
	8925710	DRAINCOCK, 3/8" PIPE (12.9510)	1		1	1			1	1	1	1	1	1
	8924380	PLUG, 1/8" PIPE (12.9550)	1					1						
	8924517	PLUG, 3/8" PIPE (12.9550)	2	2	6		2	2				1	1	
	454933	BOLT, 7/16"-14X1 1/8" (12.9001)		6			6							
	427564	BOLT, 7/16"-14X1 3/8" (12.9001)												6
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)	4		4	4		4	4	4	4	4	4	6
	103322	LOCKWASHER, 7/16" (12.9200)		6			6							6
12.4010 - BRACKET, AIR COMPRESSOR MOUNTING														
	8923188	BRACKET		1			1							
	5145711	BRACKET												1
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)		4			4							4
	5157244	BOLT, 3/8"-16X1 3/4" (12.9001)		1			1							1
	103321	LOCKWASHER, 3/8" (12.9200)		4			4							5
12.4015 - PULLEY, AIR COMPRESSOR														
3B	8923186	PULLEY, 6.25" DIA., 2 GROOVES		1										
3B	5130964	PULLEY, 6.25" DIA., 2 GROOVES					1							1
	5121852	SPACER (7.1503)		1										
3B	103385	PIN, 1/8"x1 1/4" COTTER (12.9250)		1			1							1
12.4025 - GASKET, AIR COMPRESSOR ADAPTOR														
	5131939	GASKET (12.4005)		1			1							1
12.4037 - PLATE, AIR COMPRESSOR DRIVE														
3C	5170450	PLATE (1.7630)	1		1	1		1	1	1	1	1	1	
	5140814	SPACER (12.5015)	1			1		1						
	5108836	STUD, 3/8"-24X1 3/4" (12.5015)			1						1			
	5145092	BOLT, 3/8"-24X1.20" (12.5015)						4	4			4	4	
3C	5145091	BOLT, 3/8"-24X1.38" (12.5015)	4		3	4		4			3			
	9413533	NUT, 3/8"-24 (12.9120)			1						1			

12.4000A AIR COMPRESSOR

PART		TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	1	1	1
			1	1	2	2	2	2	2	2	2	2	2
			7	9	0	0	0	0	1	1	2	2	3
					1	4	5	7	3	6	1	2	0
	12.4037	- PLATE, AIR COMPRESSOR DRIVE (CONT'D)											
	5145431	NUT, 3/8"-24 SPL.			1					1			
	12.4040	- HUB, AIR COMPRESSOR											
3C	5144866	HUB	1		1	1		1	1	1	1	1	1
	12.4050	- COUPLING, AIR COMPRESSOR DRIVE											
3C	5141773	COUPLING, 2.54" L.	1		1	1		1	1	1	1	1	1
	12.4065	- TUBE, AIR COMPRESSOR LUBE OIL SUPPLY											
3B	5131140	HOSE, 3/16"X36" L.	1							1			
3B	5199575	+ HOSE, #6X17" CUT L. (12.8550)		1			1						
3B	5199575	+ HOSE, #6X16" CUT L. (12.8550)											1
3C	5116929	HOSE, #4X39.22" L. (3.5500)			1								

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FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 1 9 7	1 1 9 9	1 2 0 1	1 2 0 4	1 2 0 5	1 2 0 7	1 2 1 3	1 1 1 6	1 2 2 1	1 2 2 2	1 2 3 0	1 2 3 1
	12.4065	- TUBE, AIR COMPRESSOR LUBE OIL SUPPLY (CONT'D)												
3B	5126692	HOSE, 3/16"X32" L.				1		1						
3C	5131146	HOSE, #4X23.05" L.							1					
3C	5131828	HOSE, 3/16"X20" L.								1		1	1	
3C	5199579	FITTING, 5/8"-18 MALE INV. FL. (STRAIGHT) (12.8552)		1		1								1
3C	5199593	FITTING, 5/8"-18 MALE (45 DEG.) (12.8552)		1		1								1
3B	8924151	ELBOW, 1/8" STREET 90 DEG. (12.9590)	1								1			
3B	8924149	ELBOW, 1/4" FL. TUBE 90 DEG. (12.9480)	1		2	2		2	1	1	1	1	1	
3B	8924216	ELBOW, 3/8" INV. FL. TUBE 90 DEG., 1/8"-27 (12.9480)		2		2								
3C	8925726	ELBOW, 1/8" ST. 45 DEG. (12.9590)								1		1		2
3C	8924216	ELBOW, 3/8" TUBE 90 DEG. (12.9480)												
3C	8926232	ADAPTOR, 1/8" PIPE (12.9570)			1			1		1				
3C	105406	NIPPLE, 1/8"X1 1/2" PIPE (12.9560)								1				
3C	105418	CROSS, 1/8" PIPE (12.4065)								1				
3C	8924380	PLUG, 1/8" PIPE (12.9550)								2				
		+ BULK HOSE, CUT TO LENGTH SHOWN.												
	12.4070	- TUBE, AIR COMPRESSOR LUBE OIL DRAIN												
3B	8923823	HOSE, 1/2"X13 19/32" L.		1			1							
	5135293	+ HOSE, 5/8"X16" CUT L. (2.5060)												1
	5113192	FITTING, SWIV. 5/8" HOSE 7/8"-14 (12.6689)												1
	5113215	FITTING, 5/8" HOSE 1/2" NPTF (12.6692)												1
	8925046	ELBOW, 5/8" TUBE 45 DEG. 1/2"-14 (12.9600)												1
3B	8925046	ELBOW, 5/8" TUBE 45 DEG. (12.9600)		1			1							
3B	8924174	ADAPTOR, 1/2"-14 PIPE (12.9565)		1			1							
		+ BULK HOSE, CUT TO LENGTH SHOWN.												
	12.4080	- CLIP, AIR COMPRESSOR LUBE OIL TUBE												
	5153473	CLIP, 1/2" (4.6040)	1			1		1						
	5151189	CLIP, 3/4" (4.8040)	1											
	2488022	CLIP, #6 (12.8554)		2			2						1	1
	2362448	CLIP, #8 (12.8554)			1					1				
	2476234	CLIP, #8 (2.5070)			1					1				
	5111079	BRACKET (4.8042)	1											
	5114541	BRACKET (7.1585)		1			1						1	
	5173022	BRACKET (5.5379)								1				
	5166565	BRACKET (9.1591)			1									
	5101020	STRAP, TIE (2.5255)						1		2			1	
	186647	BOLT, 1/4"-20X1" (12.9001)			1									
	186625	BOLT, 5/16"-18X7/8" (12.9001)	1											
	186629	BOLT, 5/16"-18X1" (12.9001)			1									
	8927580	BOLT, 3/8"-16X7/8" (12.9001)		1			1				1		1	
	120392	WASHER, 1/4" (12.9190)			1									
	120393	WASHER, 5/16" (12.9190)	1		1									
	103341	WASHER, 3/8" (12.9180)								1			1	
	103319	LOCKWASHER, 1/4" (12.9200)			1									
	103320	LOCKWASHER, 5/16" (12.9200)	1		1									
	103321	LOCKWASHER, 3/8" (12.9200)		1			1			1			1	
	120376	NUT, 1/4"-20 (12.9120)			1									
	120376	NUT, 5/16"-18 (12.9120)	1											
	102635	NUT, 3/8"-16 (12.9120)									1		1	

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PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	1 1 9 7	1 1 9 9	1 2 0 1	1 2 0 4	1 2 0 5	1 2 0 7	1 2 1 3	1 2 1 6	1 2 2 1	1 2 2 2	1 2 3 0	1 2 3 1
	12.4080	CLIP, AIR COMPRESSOR LUBE OIL TUBE (CONT'D)												
	102637	NUT, 1/2"-13 (12.9120)		1			1							
	12.4085	TUBE, AIR COMPRESSOR WATER INLET												
3B	5129157	+ HOSE, #8X33 3/4" L. (8.3830)	1											
3B	5129157	+ HOSE, #8X16" L. (8.3830)		1			1							

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PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	1	1	1	1
			1	1	2	2	2	2	1	1	2	2	2	2
			9	9	0	0	0	0	1	1	2	2	3	3
			7	9	1	4	6	7	3	6	1	2	0	1
12.4085 - TUBE, AIR COMPRESSOR WATER INLET (CONT'D)														
3C	5123317	HOSE, 1/2"X44" L. (4.4330)			1									
3B	5129157	+ HOSE, #8X38" L. (8.3830)				1		1		1				
3C	5129157	+ HOSE, #8X30 1/2" L. (8.3830)						1		1		1		
	5129157	+ HOSE, #8X10" L. (8.3830)												1
	5147580	HOSE, #8X33.5" L. (4.4335)											1	
	5115097	COVER, 3/8" PIPE HOLE (1.1060)	1	1	1	1	1	1	1	1	1	1		1
	5101260	COVER, 3/8" OFFSET HOLE (1.1060)											1	
	8924380	PLUG, 1/8" PIPE (12.9550)											1	
	8926232	ADAPTOR, 1/8" PIPE (12.9570)							1					
3B	5173854	FITTING, 1/2" HOSE X 3/8"-1 (12.3050)	2		2	2					2			
3B	5120020	FITTING, 1/2" HOSE X 3/4"-16 (12.4085)	2				2	2	1	1		1		
	5121825	FITTING, 1/2" HOSE X 3/8"-18 (12.4090)							1	1		1		
	5146393	BUSHING, 3/8"X1 1/2" (2.2001)												1
	8924148	CONNECTOR, 1/2" FL. TUBE		1			1							
	8924147	CONNECTOR, 1/4" FL. TUBE (12.9380)							1					
3B	8924155	ELBOW, 1/2" INV. FL. 90 DEG. (12.9480)	2		2	3					2		2	
	8924150	ELBOW, 1/2" TUBE 90 DEG.		1			1	2	1	1		1		
	8925726	ELBOW, 1/8" STREET 45 DEG. (12.9590)							1					
	8924220	ELBOW, 1/2" 90 DEG. (3.5505)							2					
	8924201	ELBOW, 1/2" TUBE 45 DEG. (12.4090)												1
	8924177	TEE, 3/8"-18 PIPE (12.9616)							1	1		1		
	186625	BOLT, 5/16"-18X7/8" (12.9001)	2	2	2	2	2		2	2		2	2	2
		+ STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
12.4090 - TUBE, AIR COMPRESSOR WATER OUTLET														
3B	5129157	+ HOSE, #8X14" L. (8.3830)	1											
3B	5129157	+ HOSE, #8X9" L. (8.3830)		1			1							
3B	5129157	+ HOSE, #8X16 7/8" L. (8.3830)			1					1		1		1
3B	5129157	+ HOSE, #8X33 3/4" L. (8.3830)				1								
3B	5129157	+ HOSE, #8X12 1/2" L. (8.3830)						1						
3B	5129157	+ HOSE, #8X6 1/2" L. (8.3830)							1					
3B	5129157	+ HOSE, #8X14" L. (8.3830)									1			
3B	5129157	+ HOSE, #8X20 1/2" L. (8.3830)											1	
	5123352	COVER, 3/8" PIPE HOLE (1.2043)	1		1			1	1	1	1	1	1	
3B	5120020	FITTING, 1/2" HOSE X 3/4"-16 (12.4085)	2	1			1	2	2				1	4
3B	5102118	FITTING, #8 HOSE X 3/4"-16 (12.4010)		1			1						1	
3B	5173854	FITTING, 1/2" HOSE X 3/8"-18 (12.3050)			2	2				2	2	2		
	5146393	BUSHING, 3/8"X1 1/2" (2.2001)												2
3B	8924148	CONNECTOR, 1/2" FL. TUBE	1	1			1	1					1	
3B	8924169	CONNECTOR, 1/2" INV. FL. TUBE (12.9460)			1						1			
3B	8924220	ELBOW, 1/2" TUBE 90 DEG.	1	1			1	1					1	
3B	8924150	ELBOW, 1/2" TUBE 90 DEG.												2
3B	8924155	ELBOW, 1/2" TUBE 90 DEG. (12.9480)			1					2	1	2		
3B	8924162	ELBOW, 1/2" TUBE 45 DEG. (12.9480)				1								
3B	8924201	ELBOW, 1/2" TUBE 45 DEG. (12.4090)							1					1
3B	8924158	BUSHING, 1/2"X3/8" RED. (12.9570)				1							1	
	8924517	PLUG, 3/8"-18 PIPE (12.9550)							1					
		+ STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												

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		TYPES											
PART		1	1	1	1	1	1	1	1	1	1	1	1
.FIG . . . NUMBER NAME AND DESCRIPTION		2	2	2	2	2	2	2	2	2	2	2	2
		3	3	3	4	4	4	4	5	5	5	5	5
		2	5	9	2	5	8	9	3	4	5	6	7
12.4001 - COMPRESSOR ASSY., AIR													
COMPONENTS OF AIR COMPRESSOR ASSYS. ARE NOT SERVICED BY DDA. FOR COMPONENT REPLACEMENT CONTACT BENDIX WESTINGHOUSE (B.W.) OR MIDLAND ROSS (M.R.) FURNISH THEIR ASSEMBLY PART NUMBER WHICH IS SHOWN IN PARENTHESES.													
NPN COMPRESSOR ASSY. (CUSTOMER FURNISHED)			1										
3C	5101017				1								
3C	5101018	1											
3B	5106137			1				1					
3C	5100886					1							
3C	5106140						1						
3C	23500453								1				
3B	23500460									1	1		
3C	23500455											1	
	8924380									1			
	8924517					2			2				
	103375								1	1			1
	179884	4		4	4		4	4	4	4	4		4
	103323						4						
12.4005 - GASKET, AIR COMPRESSOR MOUNTING													
	5104506	1		1	1		1	1	1	1	1		1
	5131939		1			1							
12.4010 - BRACKET, AIR COMPRESSOR MOUNTING													
	5102393		1										
	5102395		1										
	5145711					1							
	5107424											1	
	5145415											1	
	5164294		2										
	5136821		AR									AR	
	5136906		AR									AR	
	5108836	1							1				
	186624		1									1	
	186622		1			4						1	
	9409917		2									2	
	5157244					1							
	179850		2									2	
	186283		2									2	
	454933		1										
	106337					6							
	427567												
	5108435		5									4	
	103320		4									1	
	103321		1									4	
	103322		5			5						3	
	5145431	1	6			6			1			4	

12.4000A AIR COMPRESSOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 2 3 2	1 2 3 5	1 2 3 9	1 2 4 2	1 2 4 5	1 2 4 8	1 2 4 9	1 2 5 3	1 2 5 4	1 2 5 5	1 2 5 6	1 2 5 7
		12.4010 - BRACKET, AIR COMPRESSOR MOUNTING (CONT'D)												
	9413533	NUT, 3/8"-24 (12.9120)	1							1			4	
	271500	NUT, 7/16"-14 (12.9120)		5										
		12.4015 - PULLEY, AIR COMPRESSOR												
3B	5162966	PULLEY, 6.25" DIA. 2 GROOVES .500"W.		1									1	
3B	5130964	PULLEY, 6.25" DIA. 2 GROOVES				1								
3B	103385	PIN, 1/8"X1" COTTER (12.9250)		1		1							1	
		12.4037 - PLATE, AIR COMPRESSOR DRIVE												
3C	5170450	PLATE (1.7630)	1		1	1		1	1	1	1	1		1
	5140814	SPACER, .20" THK. (12.5015)			1			1	1			1		
3C	5145092	BOLT, 3/8"-24X1.20" (12.9001)			4			4			4			4
3C	5145091	BOLT, 3/8"-24X1.38" (12.9001)	3		4				4	3		4		
		12.4040 - HUB, AIR COMPRESSOR DRIVE												
3C	5144866	HUB	1		1	1		1	1	1	1	1		1
		12.4050 - COUPLING, AIR COMPRESSOR DRIVE												
	5141773	COUPLING, 2.54"L.	1		1	1			1	1	1	1		1
	5140982	COUPLING, 1.85"L.						1						
		12.4065 - TUBE, AIR COMPRESSOR LUBE OIL SUPPLY												
3C	5126692	HOSE, #4X32"L. (12.4065)	1						1			1		
3C	5131828	HOSE, #4X20"L. (12.4065)		1	1								1	
3C	5131140	HOSE, #4X36"L. (12.4065)				1								
3C	5199575	* HOSE, #6X10 1/2"L. (12.8550)					1							
3C	5135077	HOSE, #4X23"L. (12.4065)						1						
3C	5130799	HOSE, #4X42"L. (7.4074)								1				
3C	5131146	HOSE, #4X25"L. (12.4065)									1			1
	8924149	ELBOW, 1/4" TUBE 90 DEG. (12.9480)	2	1	1	1		1	2	2	1	2	1	1
	8925726	ELBOW, 1/8" PIPE 45 DEG. (12.9590)		1	1								1	
	8924151	ELBOW, 1/8" PIPE 90 DEG. ST (12.9590)				1				1				
	8924216	ELBOW, 3/8" TUBE 90 DEG. (12.9480)					2							
	8926232	ADAPTOR, 1/8" PIPE (12.9570)		1			1	1					1	
	8924147	CONNECTOR, 1/4" TUBE 45 DEG. (12.9380)						1						
	5199579	FITTING, #6 HOSE (12.8552)					2							
	8924517	PLUG, 3/8" PIPE (12.9550)			1									
		* STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		12.4070 - TUBE, AIR COMPRESSOR LUBE OIL DRAIN												
3C	5135293	* HOSE, 5/8"X11 1/2"L. (2.5060)		1			1						1	
3C	5138542	* HOSE, 3/4"X24 1/4"L. (12.4375)												1
	8925046	ELBOW, 5/8" TUBE 45 DEG. (12.9600)		1			1						1	
	8924211	ELBOW, 3/4" TUBE 90 DEG. (1.1100)												2

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PART		TYPES											
..FIG	NUMBER	NAME AND DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11
			2	5	9	2	5	8	9	3	4	5	6
		12.4070 - TUBE, AIR COMPRESSOR LUBE OIL DRAIN (CONT'D)											
	5113192	FITTING, 5/8" HOSE INV. FL. 7/8"-14 (12.6689)		1			1						1
	5113215	FITTING, MALE 5/8" HOSE 1/2"-14 (12.6692)		1			1						1
	8924163	BUSHING, 3/4"X1/2" RED. (12.9570) * STD. LENGTH HOSE, CUT TO LENGTH SHOWN.					1						
		12.4080 - CLIP, AIR COMPRESSOR LUBE OIL TUBE											
	5168001	CLIP, 1/2" TUBE (12.4095)	1									1	
	125928	CLIP, 7/16" HOSE (12.9630)	1					1				1	
	5153473	CLIP, 1/2" TUBE (4.6040)				1		1		1			
	5155684	CLIP (4.1570)											1
	9139801	CLAMP (12.9660)											2
	5114551	TAG, CABLE (7.4545)		1								1	
	5101020	STRAP (2.5255)			1			1			2		2
		12.4085 - TUBE, AIR COMPRESSOR WATER INLET											
3C	5123317	* HOSE, 1/2"X42 1/4"L. (4.4330)	1										
3C	5129157	* HOSE, #8X11"L. (8.3830)		1									1
3C	5129157	* HOSE, #8X30 1/2"L. (8.3830)			1								
3C	5129157	* HOSE, #8X38"L. (8.3830)				1					1	1	1
3C	5129157	* HOSE, #8X14"L. (8.3830)					1						
3C	5129157	* HOSE, #8X20 1/2"L. (8.3830)						1					
3C	5129157	* HOSE, #8X29"L. (8.3830)							1				
3C	5129157	* HOSE, #8X49.5"L. (8.3830)								1			
	5115097	COVER, 3/8" PIPE HOLE (1.1060)	1	1	1	1	1	1	1	1	1	1	1
	8924155	ELBOW, 1/2" INV. FL. 90 DEG. (12.9480)	3			2			2				
	8924175	ELBOW, 3/8" PIPE 90 DEG. (12.9590)		1								1	
	8924220	ELBOW, 1/2"-90 DEG. (3.5505)		1							2	2	2
	8924150	ELBOW, 1/2"-90 DEG. (12.9390)			1		2	2		2			1
	8924201	ELBOW, 1/2"-90 DEG. (12.4090)					1						
	8925726	ELBOW, 1/8" ST. 45 DEG. (12.9590)									1		1
	8924162	ELBOW, 1/2"-45 DEG. (12.9480)										1	
	5173854	FITTING, 1/2" HOSE X 3/4"-18 (12.3050)	2			2			2			2	
	5120020	FITTING, 1/2" HOSE X 3/4"-16		2	1		2	2		2	1		1
	5121825	FITTING, 1/2" HOSE X 3/8"-18 (12.4090)			1						1		1
	8924177	TEE, 3/8" PIPE (12.9616)		1	1								1
	8924148	CONNECTOR, 1/2" TUBE 45 DEG. (12.9380)			1					1			1
	8924169	CONNECTOR, 1/2" TUBE (12.9460)							1				
	8924147	CONNECTOR, 1/4" 45 DEG. TUBE (12.9380)											1
	8925710	DRAINCOCK, 3/8" (12.9510)	1	1	2	2			1		1	1	1
	186625	BOLT, 5/16"-18X7/8" (12.9001)	2	2	2	2	2		2	2	2	2	2
	5132715	WASHER, .53" I.D. X 1"X.12" (1.3140) * STD. LENGTH HOSE, CUT TO LENGTH SHOWN.						2					
		12.4090 - TUBE, AIR COMPRESSOR WATER OUTLET.											
3C	5123317	* HOSE, 1/2"X42 1/4"L. (4.4330)	1										
3C	5129157	* HOSE, #8X6 1/2"L. (8.3830)		1							1		1
3C	5129157	* HOSE, #8X14"L. (8.3830)			1	1							

12.4000A AIR COMPRESSOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 2 3 2	1 2 3 5	1 2 3 9	1 2 4 2	1 2 4 5	1 2 4 8	1 2 4 9	1 2 5 3	1 2 5 4	1 2 5 5	1 2 5 6	1 2 5 7
		12.4090 - TUBE, AIR COMPRESSOR WATER OUTLET. (CONT'D)												
3C	5129157	* HOSE, #8X10"L. (8.3830)						1						
3C	5129157	* HOSE, #8X12 1/2"L. (8.3830)						1		1				
	5129157	* HOSE, #8X16 7/8"L. (8.3830)							1					
	5129157	* HOSE, #8X38"L. (8.3830)										1		
	5123352	COVER (3/8" PIPE HOLE) (1.2043)				1		1		1	1			1
	8924517	PLUG, 3/8" PIPE (12.9550)									1			1
	8924162	ELBOW, 1/2" HOSE 45 DEG. (12.9400)	1		1							1		
	8925034	ELBOW, 3/8"-18 45 DEG. ST (12.9540)		1									1	
	8924220	ELBOW, 1/2" HOSE 90 DEG. (3.5505)		1									1	
	8924155	ELBOW, 1/2" HOSE INV. FL. 90 DEG. (12.9480)				1	1							
	8924201	ELBOW, 1/2" HOSE 45 DEG.						1			1			1
	8924175	ELBOW, 3/8"-18 90 DEG. ST. (12.9590)						1						
	8924150	ELBOW, 1/2" HOSE 90 DEG. (12.9390)								1	1			
	5173854	FITTING, 1/2" HOSE (12.3050)	2		2	2			2					
	5121825	FITTING, 1/2" HOSE		1									1	
	5120020	FITTING, 1/2" HOSE-SWIVEL (12.4085)		1			3	1		2	2	2	1	2
	5102118	FITTING, 1/2" HOSE 3/4"-16						1						
	8924158	BUSHING, 1/2"X3/8" RED. (12.9570)	1	1			1					1	1	
	8926232	ADAPTOR, 1/8" PIPE (12.9570)									1			1
	8924173	ADAPTOR, 3/8" PIPE (12.9565)			1									
	8924169	CONNECTOR, 1/2" HOSE INV. FL. (12.9460)				1								
	8924148	CONNECTOR, 1/2" HOSE FLD. 45 DEG. (12.9380)						2		1				
	8925721	TEE, 3/8" PIPE (12.9616)			1									
	8924177	TEE, 3/8" PIPE (12.9616)									1			1
	5142470	TUBING, 5"L. (7.7020)					1							
		* STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		12.4095 - CLIP, AIR COMPRESSOR-WATER TUBE												
	5151189	CLIP, 1/2" HOSE (4.8040)	1			2		1	1	2		1		
	5153473	CLIP, 1/2" HOSE (4.6040)							1					
	5188969	BRACKET (4.1540)	1									1		
	5111079	BRACKET (4.8042)				1								
	5127861	BRACKET (7.1587)						1						
	5173022	BRACKET (5.5379)	1						1	1		1		
	5102395	BRACKET (12.4010)		1									1	
	5160629	SPACER, .620"X.22"L. (4.2270)				1				1				
	5164294	SPACER, 7/8"X13/32"X1/8" THK. (7.1581)											2	
	186625	BOLT, 5/16"-18X7/8" (12.9001)				1				1				
	179835	BOLT, 3/8"-16X5/8" (12.9001)	1									1		
	8927581	BOLT, 3/8"-16X1" (12.9001)				1		1		3				
	8927582	BOLT, 3/8"-16X1 1/8" (12.9001)		2									2	
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	1						1			1		
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)	1						1			1		
	120393	WASHER, 5/16" (12.9190)				2				1				
	103341	WASHER, 3/8" (12.9190)	1						1			1		
	120394	WASHER, 13/32"X13/16" (12.9190)								2				
	103320	LOCKWASHER, 5/16" (12.9200)				1				1				
	103321	LOCKWASHER, 3/8" (12.9200)	2	2				1	1	4		2	2	
	120376	NUT, 5/16"-18 (12.9120)				1				1				
	102635	NUT, 3/8"-16 (12.9120)		2				1					2	
	117049	NUT, 3/8"-24 (12.9120)	1						1			1		

12.4000A AIR COMPRESSOR

PART		TYPES													
..FIG	NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	1	1	1	1	1
			2	2	2	2	2	2	2	2	2	2	2	2	2
			3	3	3	4	4	4	4	5	5	5	5	5	5
			2	5	9	2	5	8	9	3	4	5	6	7	
12.4300 - STRAINER, AIR COMPRESSOR															
3C	5110411	STRAINER ASSY.		1	1	1			1	1	1		1		
	8925247	ELEMENT (B.W. 239292)		AR	AR	AR			AR	AR	AR		AR		
3C	5110410	GASKET (FURNISHED WITH													
		COMPRESSOR)		1		1			1	1	1		1		
3C	179827	BOLT, 5/16"-18X2 1/4" (12.9001)		2	2	2			2	2	2		2		
3C	103320	LOCKWASHER, 5/16" (12.9200)		2	2	2			2	2	2		2		
12.4305 - GOVERNOR, AIR COMPRESSOR															
	5144307	KIT, GOVERNOR (INCLUDES ATTACHING													
		PARTS)			1										
12.4375 - TUBE, AIR COMPRESSOR BOOSTER															
	5143985	TUBE ASSY. (DEV. L. 4.96")						1							
	5144179	FLANGE						1							
	5132103	FLANGE												1	
	8924163	BUSHING, 3/4"X1/2" RED. (12.9570)												2	
	186625	BOLT, 5/16"-18X7/8" (12.9001)						2							
	186629	BOLT, 5/16"-18X1" (12.9001)												2	
	120393	WASHER, 5/16" (12.9190)						2							
	103320	LOCKWASHER, 5/16" (12.9200)												2	
12.4380 - GASKET, AIR BOOSTER INLET TUBE AND															
ELBOW TO AIR COMPRESSOR															
	5114010	# GASKET (12.4300)												1	
		# FURNISHED WITH AIR COMPRESSOR.													

12.4000A AIR COMPRESSOR

			TYPES															
..FIG	PART NUMBER	NAME AND DESCRIPTION	1 2 5 8	1 2 5 9														
	12.4001	COMPRESSOR ASSY., AIR																
		COMPONENTS OF AIR COMPRESSOR ASSYS. ARE NOT SERVICED BY DDA. FOR COMPONENT REPLACEMENT CONTACT BENDIX WESTINGHOUSE (B.W.) OR MIDLAND ROSS (M.R.) FURNISH THEIR ASSEMBLY PART NUMBER WHICH IS SHOWN IN PARENTHESES.																
3C	5101017	COMPRESSOR ASSY., 12 CFM (B.W. 285970)	1															
3C	5101018	COMPRESSOR ASSY., 12 CFM (B.W. 285977)		1														
	8925710	DRAINCOCK, 3/8" PIPE (12.9510)	1	1														
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)	4	4														
	12.4005	GASKET, AIR COMPRESSOR MOUNTING																
	5104506	GASKET	2															
	12.4037	PLATE, AIR COMPRESSOR DRIVE																
3C	5170450	PLATE (1.7630)	1	1														
	5108836	STUD, 3/8"-24X1 3/4" (12.5015)	1	1														
	5145091	BOLT, 3/8"-24X1.38" (12.9001)	3	3														
	9413533	NUT, 3/8"-24 (12.9120)	1	1														
	5145431	NUT, 3/8"-24 SPL.	1	1														
	12.4040	HUB, AIR COMPRESSOR																
3C	5144866	HUB	1	1														
	12.4050	COUPLING, AIR COMPRESSOR DRIVE																
3C	5141773	COUPLING, 2.54"L.	1	1														
	12.4065	TUBE, AIR COMPRESSOR LUBE OIL SUPPLY																
3C	5126692	HOSE, #4X32"L. (12.4065)	1	1														
	8924149	ELBOW, 1/4" TUBE 90 DEG. (12.9480)	2	2														
	12.4080	CLIP, AIR COMPRESSOR LUBE OIL TUBE																
	2476234	CLIP, HOSE (2.5070)	1	1														
	2362448	CLIP, HOSE (12.8554)	1															
	5166565	BRACKET (9.1591)	1															
	5173022	BRACKET (5.5379)		1														
	186647	BOLT, 1/4"-20X1" (12.9001)	1															
	186629	BOLT, 5/16"-18X1" (12.9001)	1															
	8927580	BOLT, 3/8"-16X7/8" (12.9001)		1														
	120392	WASHER, 9/32"X5/8" (12.9190)	1															
	120393	WASHER, 5/16" (12.9190)	1															
	103341	WASHER, 3/8" (12.9190)		2														
	103319	LOCKWASHER, 1/4" (12.9200)	1															
	103320	LOCKWASHER, 5/16" (12.9200)	1															
	103321	LOCKWASHER, 3/8" (12.9200)		1														
	120375	NUT, 1/4"-20 (12.9120)	1															
	102635	NUT, 3/8"-16 (12.9120)		1														

12.4000A AIR COMPRESSOR

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		1	2	3	4	5	6	7	8	9	10	11	12
			1	1										
			2	2										
			5	5										
			8	9										
		12.4085 - TUBE, AIR COMPRESSOR WATER INLET												
3C	5129157	* HOSE, #8X30 1/2"L. (8.3830)	1											
3C	5123317	* HOSE, 1/2"X42.25"L. (4.4330)		1										
	5115097	COVER, 3/8" PIPE HOLE (1.1060)	1	1										
	5138275	ELBOW, FLANGED 90 DEG. (5.3420)	1											
	8924155	ELBOW, 1/2" TUBE 90 DEG. (12.9480)	2											
	8924201	ELBOW, 1/2" TUBE 45 DEG. (12.4090)		1										
	8924150	ELBOW, 1/2" TUBE 90 DEG. (12.9390)		1										
	5173854	FITTING, 1/2" HOSE X 3/4"-18 (12.3050)	1											
	5121825	FITTING, 1/2" HOSE X 3/8"-18 (12.4090)	1											
	5120020	FITTING, SWIVEL 1/2" HOSE 3/4"-16		2										
	186625	BOLT, 5/16"-18X7/8" (12.9001) * STD. LENGTH HOSE, CUT TO LENGTH SHOWN.	2											
		12.4090 - TUBE, AIR COMPRESSOR WATER OUTLET												
3C	5129157	* HOSE, #8X16 3/8"L. (8.3830)	1											
3C	5129157	* HOSE, #8X14"L. (8.3830)		1										
	5123352	COVER, 3/8" PIPE HOLE (1.2043)	1	1										
	8924155	ELBOW, 1/2" TUBE 90 DEG. IN. FL. (12.9480)	1											
	8924150	ELBOW, 1/2" TUBE 90 DEG. (12.9390)		1										
	5173854	FITTING, 1/2" HOSE X 3/4"-18 (12.3050)	2											
	5120020	FITTING, 1/2" HOSE X 3/4"-16 (12.4085)		2										
	8924169	CONNECTOR, 1/2" TUBE (12.9460)	1											
	8924148	CONNECTOR, 1/2" TUBE 45 DEG. (12.9380) * STD. LENGTH HOSE, CUT TO LENGTH SHOWN.		1										
		12.4095 - CLIP, AIR COMPRESSOR-WATER TUBE												
	5146788	CLIP, HOSE (2.5070)	2											
	2476234	CLIP, HOSE (2.5070)	1											
	2362448	CLIP, HOSE (12.8554)		3										
	5173022	BRACKET (5.5379)	1	1										
	5114541	BRACKET (7.1585)		2										
	5160629	SPACER, .620"X.22"L. (4.2270)	1											
	8927580	BOLT, 3/8"-16X7/8" (12.9001)		3										
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	1											
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)	1											
	103321	LOCKWASHER, 3/8" (12.9200)	2	3										
	102635	NUT, 3/8"-16 (12.9120)		3										
	117049	NUT, 3/8"-24 (12.9120)	1											
		12.4300 - STRAINER, AIR COMPRESSOR												
3C	5110411	STRAINER ASSY.	1	1										
	8925247	ELEMENT	AR	AR										
3C	5110410	GASKET (FURNISHED WITH COMPRESSOR)	1	1										
3C	179827	BOLT, 5/16"-18X2 1/4" (12.9001)	2	2										
3C	103320	LOCKWASHER, 5/16" (12.9200)	2	2										

12.5000A HYDRAULIC PUMP

PART FIG . . . NUMBER		NAME AND DESCRIPTION		TYPES									
		1 1	2 8	3 0	3 3	3 4	4 7	4 9	5 0	5 1	5 5	5 6	
12.5001 - PUMP ASSY., HYDRAULIC													
NOTE: COMPONENT PARTS OF HYDRAULIC PUMP ASSEMBLIES ARE SOLD BY VICKERS INCORPORATED, DETROIT, MICHIGAN AND HYDRECO, CLEVELAND, OHIO. (FURNISH THEIR ASSEMBLY PART NUMBER WHICH IS SHOWN IN PARENTHESES.)													
NPN	PUMP ASSY. (CUSTOMER FURNISHED)					1	1	1	1	1	1	1	
5111825	% PUMP ASSY. (WITH ADAPTOR) (VICKERS #V-330-19-1C-RH)		1										
5111826	% PUMP ASSY. (LESS ADAPTOR) (VICKERS #V-330-19-1C-LH)		1										
4A	5184293 PUMP ASSY. (LESS ADAPTOR) (VICKERS #V-230-8-1C-LH) (13 GPM @ 2000 RPM)			1									
4A	5184292 PUMP ASSY. (LESS ADAPTOR) (VICKERS #V-230-8-1C-RH) (13 GPM @ 2000 RPM)				1								
4A	5188757 PUMP ASSY. (LESS ADAPTOR) (HYDRECO #1515C12B1) (8 GPM @ 1800 RPM)	1			1								
4A	179857 BOLT, 7/16"-14X7/8" (12.9001)		1	1	1	1	1	1	1	1	1		
4A	179858 BOLT, 7/16"-14X1" (12.9001)	1											
4A	454933 BOLT, 7/16"-14X1 1/8" (12.9001)											1	
4A	122408 BOLT, 1/2"-13X1" (12.9001)		4	4	4	4	4	4	4	4	4		
4A	179882 BOLT, 1/2"-13X1 1/8" (12.9001)	4											
4A	442733 BOLT, 1/2"-13X1 1/4" (12.9001)											4	
4A	103322 LOCKWASHER, 7/16" (12.9200)	1	1	1	1	1	1	1	1	1	1		
4A	103323 LOCKWASHER, 1/2" (12.9200)	4	4	4	4	4	4	4	4	4	4		
	122761 NUT, 1/2"-20 HEX. SL (12.9130)						1				1		
% NOT SERVICED. SHOWN FOR REFERENCE ONLY. FOR SERVICE USE COMPONENTS.													
12.5005 - GASKET, HYDRAULIC PUMP													
4A	5188755 GASKET	1			1	1	1				1		
4A	5111828 GASKET		1										
4A	5168852 GASKET			1	1			1	1	1			
12.5010 - COUPLING, HYDRAULIC PUMP DRIVE													
4A	3292492 * @ COUPLING (23 TEETH, EXTERNAL GEAR) (1.7635)	1	1	1	1	1	1	1	1	1	1	1	
4A	5143616 # COUPLING (21 TEETH, EXTERNAL GEAR) * THRU 3D-16248, 3D-14315, 4D-17425, 6D-7991. @ NOT SERVICED; USE 5143616 AND INCLUDE (1) 5131627 PLATE. # EFFECTIVE WITH 3D-16249, 3D-14316, 4D-17426, 6D-7992.	1	1	1	1	1	1	1	1	1	1	1	

12.5000A HYDRAULIC PUMP

PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	1 1	2 8	2 9	3 0	3 3	3 4	4 7	4 9	5 0	5 1	5 5	5 6
12.5015 - PLATE, HYDRAULIC PUMP DRIVE														
4A	5153449	* & PLATE (23 TEETH) (1.7630)	1	1	1	1	1	1	1		1		1	2
4A	5131827	# PLATE (21 TEETH)	1	1	1	1	1	1	1	1	1	1	1	2
4A	5170450	PLATE (21 TEETH)								1		1	1	
4A	5177026	SPACER (1.7630)	1	1	1	1	1	1	1		1			1
4A	5145092	BOLT, 3/8"-24X1.20" (12.5015)		3	3	3	3	3	3	7	4	1	1	4
4A	5176474	BOLT (1 1/8"L) (1.7630)	4											
4A	5145091	BOLT (1.38"L)		4	4	4	4	4	4			4		
4A	9413533	NUT, 3/8"-24 SELF LOCKING (12.9120)		1	1	1	1	1				1	1	
* THRU 3D-16248, 3D-14315, 4D-17425, 6D-7991.														
& NOT SERVICED; USE 5131627 AND INCLUDE (1) 5143616 COUPLING.														
# EFFECTIVE WITH 3D-16249, 3D-14316, 4D-17426, 6D-7992.														
12.5017 - PLATE, CAM OR BALANCER GEAR														
	5122922	RETAINER (1.7207)		1	1	1	1	1	1	1		1		
	5122923	STUD (1.7633)		1	1	1	1	1	1	1				
	5108836	STUD, 3/8"x1 3/4" (12.9117)										1	1	
	5145431	NUT, 3/8"-24 JAM CAD. (12.4037)		1		1	1					1	1	
	124925	NUT, 3/8"-24 (12.9120)			1			1	1	1				
12.5020 - ADAPTOR, HYDRAULIC PUMP														
4A	5122386	ADAPTOR	1				1	1	1				1	1
4A	5120828	ADAPTOR		1										
4A	5123814	ADAPTOR			1	1				1	1	1		
	5189590	COVER						1						
	103196	STUD, 3/8"-16-24X1 9/16" (12.9117)	2				2	2	2				2	2
	103197	STUD, 3/8"-16-24X1 13/16" (12.9117)												
4A	179838	BOLT, 3/8"-16X7/8" (12.9001)		6										
4A	179839	BOLT, 3/8"-16X1" (12.9001)			6	6				6	6	6		
4A	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	117049	NUT, 3/8"-24 (12.9120)	2				2	2	2				2	2
12.5021 - GASKET, HYDRAULIC PUMP ADAPTOR														
4A	5117061	GASKET (1.5040)	1	1	1	1	1		1	1	1	1	1	
4A	5110412	GASKET (1.5040)						1						
12.5030 - GEAR, HYDRAULIC PUMP DRIVE														
4A	5188848	GEAR	1				1		1				1	
4A	5111829	GEAR		1										
4A	5168688	GEAR			1	1				1	1	1		

12.5000A HYDRAULIC PUMP

TYPES

FIG	PART NUMBER	NAME AND DESCRIPTION	1 1	2 8	2 9	3 0	3 3	3 4	4 7	4 9	5 0	5 1	5 5	5 6						
		12.5030 - GEAR, HYDRAULIC PUMP DRIVE (CONT'D)																		
4A	5162878	+ GEAR																		
	103907	KEY, 3/16"X7/8" WOODRUFF (12.9350)			1	1				1	1	1			1					
	103375	PIN, 3/32"X1 1/4" COTTER (12.9250)	1						1						1					
	5188756	NUT, 1/4"-28	1						1						1					
	9415638	NUT, 9/16"-18 HEX. LOCK																	1	
		+ OBSOLETE.																		

12.5000A HYDRAULIC PUMP

PART			TYPES										
.FIG	NUMBER	NAME AND DESCRIPTION	63	65	66	69	71	78	79	80	83	86	90
12.5001 - PUMP ASSY., HYDRAULIC													
NOTE: COMPONENT PARTS OF HYDRAULIC PUMP ASSEMBLIES ARE SOLD BY VICKERS INCORPORATED, DETROIT, MICHIGAN AND HYDRECO, CLEVELAND, OHIO. (FURNISH THEIR ASSEMBLY PART NUMBER WHICH IS SHOWN IN PARENTHESES.)													
	NPN	PUMP ASSY. (CUSTOMER FURNISHED)	1	1		1		1	1	1		1	1
4A	5131398	PUMP ASSY. (LESS ADAPTOR) (VICKERS #V-110-35-3C-10-LH) (6.3 GPM @ 2500RPM)			1								
4A	5132239	PUMP ASSY. (LESS ADAPTOR) (VICKERS #V-230-6-1C-LH) (6 1/4 GPM @ 1200RPM)					1						
4A	5124652	PUMP ASSY. (LESS ADAPTOR) (HYDRECO #1512C12C1) (7 GPM @ 1200 RPM)									1		
4A	179857	BOLT, 7/16"-14X7/8" (12.9001)		1	1		1	1	1	1			
4A	179858	BOLT, 7/16"-14X1" (12.9001)									1		1
4A	122408	BOLT, 1/2"-13X1" (12.9001)		4	4		4	4	4	4			
4A	179882	BOLT, 1/2"-13X1 1/8" (12.9001)									4		4
4A	103322	LOCKWASHER, 7/16" (12.9200)		1	1		1	1	1	1	1		
4A	103323	LOCKWASHER, 1/2" (12.9200)		4	4		4	4	4	4	4		
12.5005 - GASKET, HYDRAULIC PUMP													
A	5188755	GASKET			1	1				1	1	1	1
4A	5111828	GASKET	1										
4A	5168852	GASKET					1						
4A	5131396	GASKET		1				1	1				
12.5010 - COUPLING, HYDRAULIC PUMP DRIVE													
4A	3292492	* @ COUPLING (23 TEETH, EXTERNAL GEAR) (1.7635)	1	1	1	1	1	1	1	1	1		
4A	5143616	# COUPLING (21 TEETH, EXTERNAL GEAR) * THRU 3D-16248, 3D-14315, 4D-17425, 6D-7991. @ NOT SERVICED; USE 5143616 AND INCLUDE (1) 5131627 PLATE. # EFFECTIVE WITH 3D-16249, 3D-14316, 4D-17426, 6D-7992.	1	1	1	1	1	1	1	1	1	1	1
12.5015 - PLATE, HYDRAULIC PUMP DRIVE													
4A	5153449	* @ PLATE (23 TEETH) (1.7630)	1	1	1	1	1	1	1	1	1	1	1
4A	5131627	# PLATE (21 TEETH)	1	1	1	1	1	1	1	1	1	1	1
4A	5177026	SPACER (1.7630)	1	1	1	1	1	1	1	1	1	1	1

12.5000A HYDRAULIC PUMP

			TYPES										
FIG	PART NUMBER	NAME AND DESCRIPTION	63	65	68	69	71	78	79	80	83	86	90
12.5015 - PLATE, HYDRAULIC PUMP DRIVE (CONT'D)													
4A	5145092	BOLT, 3/8"-24 X 1.20"		3	3	3	3	4		4			
4A	5145091	BOLT, 3/8"-24 X 1.38"	4						4		4	4	4
	9413533	NUT, 3/8"-24 SELF LOCKING (12.9120) * THRU 3D-16248, 3D-14315, 4D-17425, 6D-7991. @ NOT SERVICED; USE 5143616 AND INCLUDE (1) 5131627 PLATE. # EFFECTIVE WITH 3D-16249, 3D-14316, 4D-17426, 6D-7992.		1	1	1	1						
12.5017 - PLATE, CAM OR BALANCER GEAR													
	5122922	RETAINER (1.7207)	3						3		3	3	3
	5122923	STUD (1.7633)		1	1	1	1						
	124925	NUT, 3/8"-24 (12.9120)		1	1	1	1						
12.5020 - ADAPTOR, HYDRAULIC PUMP													
4A	5122386	ADAPTOR				1					1	1	1
4A	5120828	ADAPTOR	1										
4A	5123814	ADAPTOR					1						
4A	5131308	ADAPTOR		1				1	1				
4A	5131332	ADAPTOR			1					1			
	103196	STUD, 3/8"-16-24X1 9/16" (12.9117)				2					2	2	2
A	179839	BOLT, 3/8"-16X1" (12.9001)	6	2			6	2	2				
4A	186622	BOLT, 3/8"-16X1 1/4" (12.9001)			2					2			
4A	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	117049	NUT, 3/8"-24 (12.9120)				2					2	2	2
12.5021 - GASKET, HYDRAULIC PUMP ADAPTOR													
4A	5117081	GASKET (1.5040)	1	1	1	1	1	1	1	1	1	1	1
12.5030 - GEAR, HYDRAULIC PUMP DRIVE													
4A	5188848	GEAR									1		1
4A	5111829	GEAR	1										
4A	5168688	GEAR					1						
4A	5131313	GEAR		1		1		1	1				
4A	5131401	GEAR			1					1			
	5127394	GEAR										1	
	103907	KEY, 3/16"X7/8" WOODRUFF (12.9350)					1						
	103375	PIN, 3/32"X1 1/4" COTTER (12.9250)				1					1	1	1

12.5000A HYDRAULIC PUMP

PART		TYPES																	
FIG	NUMBER	NAME AND DESCRIPTION	63	65	66	69	71	78	79	80	83	86	90						
	12.5030	GEAR, HYDRAULIC PUMP DRIVE (CONT'D)																	
	5188756	NUT, 1/4"-28				1					1	1	1						

12.5000A HYDRAULIC PUMP

TYPES

FIG	PART NUMBER	NAME AND DESCRIPTION	9 2	9 3	9 9	1 0 0	1 0 1	1 0 7	1 0 9	1 1 1	1 1 6	1 1 7	1 1 9	1 2 1
	12.5001 - PUMP ASSY., HYDRAULIC													
		NOTE: COMPONENT PARTS OF HYDRAULIC PUMP ASSEMBLIES ARE SOLD BY VICKERS INCORPORATED, DETROIT, MICHIGAN AND HYDRECO, CLEVELAND, OHIO. (FURNISH THEIR ASSEMBLY PART NUMBER WHICH IS SHOWN IN PARENTHESES).												
	NPN	PUMP ASSY. (CUSTOMER FURNISHED)	1	1	1	1	1	1	1	1	1	1	1	1
	12.5005 - GASKET, HYDRAULIC PUMP													
	5188755	GASKET	1	1	1		1	1		1	1	1	1	
	5137221	GASKET				1								
	12.5010 - COUPLING, HYDRAULIC PUMP DRIVE													
	5143616	COUPLING (21 TEETH, EXTERNAL GEAR)	1	1	1	1	1	1	1	1	1	1	1	1
	12.5015 - PLATE, HYDRAULIC PUMP DRIVE													
	5131627	PLATE (21 TEETH)	1	1	1	1	1	1	1	1	1	1	1	1
	5177026	* SPACER (1.7630)	1		1	1	1	1	1	1	1	1	1	1
	5146092	BOLT, 3/8"-24 X 1.20"			3	3	4				3			3
	5145091	BOLT, 3/8"-24X1.38" (12.5015)	4	3				4	4	4		4	4	
	9413533	NUT, 3/8"-24 HEX. SELF LOCKING (12.9120)		1	1	1					1			1
		* NOT SERVICED: USE 5131627 AND INCLUDE (1) 5143616 COUPLING.												
	12.5017 - PLATE, CAM OR BALANCER GEAR													
	5122922	RETAINER (1.7207)	3					3	3	3		3	3	1
	5108836	STUD (12.9117)		1										
	5122923	STUD (1.7633)			2	2					2			2
	124925	NUT, 3/8"-24 (12.9120)		1	1	1								
	5145431	NUT, 3/8"-24 JAM CAD. (12.4037)									1			1
	12.5020 - ADAPTOR, HYDRAULIC PUMP													
	5131332	ADAPTOR	1				1							
	5122386	ADAPTOR		1	1							1	1	
	5137222	ADAPTOR				1								
	5137472	ADAPTOR								1	1			
	103196	STUD, 3/8"-16-24X1 9/16" (12.9117)	AR	AR				AR				AR	AR	

12.5000A HYDRAULIC PUMP

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	9 2	9 3	9 9	1 0 0	1 0 1	1 0 7	1 0 9	1 1 1	1 1 6	1 1 7	1 1 9	1 2 1
	12.5020	ADAPTOR, HYDRAULIC PUMP (CONT'D)												
179839		BOLT, 3/8"-16X1" (12.9001)								2				
179858		BOLT, 7/16"-14X1" (12.9001)		1	1	1				1	1		1	
179882		BOLT, 1/2"-13X1 1/8" (12.9001)		4	4	4				4	4		4	
103321		LOCKWASHER, 3/8" (12.9200)	AR	AR				AR	AR	AR		AR	AR	
117049		NUT, 3/8"-24 (12.9120)	AR	AR				AR				AR	AR	
	12.5021	GASKET, HYDRAULIC PUMP ADAPTOR												
5117061		GASKET (1.5040)	1	1	1	1	1	1	1		1	1	1	
	12.5030	GEAR, HYDRAULIC PUMP DRIVE												
5168688		GEAR	1					1						
5138709		GEAR		1										
5137403		GEAR			1								1	
5137392		GEAR				1								
5127394		GEAR							1					
5138079		GEAR								1	1			
5140971		GEAR										1		
103375		PIN, 3/32"X1 1/4" COTTER (12.9250)	AR					AR						
455921		PIN, 1/8"X1 1/2" SPRING (3.3060)		1	1	1				1	1	1	1	
5188756		NUT, 1/2"-28	1					1						

12.5000A HYDRAULIC PUMP

TYPES

FIG	PART NUMBER	NAME AND DESCRIPTION	1 2 2	1 2 5	1 2 6	1 2 7	1 3 3	1 3 4	1 3 6	1 3 7	1 3 8	1 3 9	1 4 0
		12.5001 - PUMP ASSY., HYDRAULIC											
		NOTE: COMPONENT PARTS OF HYDRAULIC PUMP ASSEMBLIES ARE SOLD BY VICKERS INCORPORATED, DETROIT, MICHIGAN AND HYDRECO, CLEVELAND, OHIO. (FURNISH THEIR ASSEMBLY PART NUMBER WHICH IS SHOWN IN PARENTHESES).											
	NPN	PUMP ASSY. (CUSTOMER FURNISHED)		1	1	1	1	2	2	2	1	2	2
	5184293	PUMP ASSY. (VICKERS #V-230-8-1C) (L.H.) (LESS ADAPTOR)											
	179858	BOLT, 7/16"-14X1" (12.9001)	1				1	2	2		1		
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)	4				4	8	8		4		
		12.5005 - GASKET, HYDRAULIC PUMP											
	5188755	GASKET		1	1	2	1	2	2	2	1	1	1
		12.5010 - COUPLING, HYDRAULIC PUMP DRIVE											
	5143616	# COUPLING (21 TEETH, EXTERNAL GEAR)	1	1	1	2	1	2	2	2	1		
	3292492	& % COUPLING (23 TEETH, EXTERNAL GEAR)						2					
	5143616	COUPLING (21 TEETH, EXTERNAL GEAR) # EFFECTIVE WITH 6D-32857 FOR TYPE 134. & THRU 6D-32856. % NOT SERVICED; USE 5143616 AND INCLUDE (1) 5131627.										1	1
		12.5015 - PLATE, HYDRAULIC PUMP DRIVE											
	5131627	# PLATE (21 TEETH) (1.7630)	1	1	1	1		2	2	2	1		
	5153449	& % PLATE (23 TEETH)						2					
	5170450	PLATE (23 TEETH) (1.7630)										1	1
	5177026	+ SPACER (1.7630)	1	1	1	1	1	2	2	2	1		1
	5145092	BOLT, 3/8"-24 X 1.20"	4			6		8		6	4		
	5145091	BOLT, 3/8"-24 X 1.38"		4	4		4		8			3	4
	9413533	NUT, 3/8"-24 HEX. SELF LOCKING (12.9120) # EFFECTIVE WITH 6D-32857 FOR TYPE 134. & THRU 6D-32856. % NOT SERVICED; USE 5143616 AND INCLUDE (1) 5131627. - NOT SERVICED; USE 5131627 AND INCLUDE (1) 5143616 COUPLING FOR TYPES 122, 125, 126, 127, 133, 138, 140.				2				2			

12.5000A HYDRAULIC PUMP

PART		TYPES																
..FIG ..	NUMBER	NAME AND DESCRIPTION																
		1 2 2	1 2 5	1 2 6	1 2 7	1 3 3	1 3 4	1 3 6	1 3 7	1 3 8	1 3 9	1 4 0						
12.5017 - PLATE, CAM OR BALANCER GEAR																		
5122922	RETAINER (1.7207)		3	3		3		6			1	2						
5108836	STUD (12.9117)																	
5122923	STUD (1.7633)				2				2									
124925	NUT, 3/8"-24 (12.9120)				2						1							
5145431	NUT, 3/8"-24 JAM CAD. (12.4037)								2		1							
12.5020 - ADAPTOR, HYDRAULIC PUMP																		
5122386	ADAPTOR			1	2	1	2	2	2	1	1	1						
5123814	ADAPTOR	1																
5139376	ADAPTOR		1															
103196	STUD, 3/8"-16-24X1 9/16" (12.9117)		AR	AR		AR		AR	AR	AR	AR	AR						
179839	BOLT, 3/8"-16X1" (12.9001)	6																
179858	BOLT, 7/16"-14X1" (12.9001)		1		2													
179882	BOLT, 1/2"-13X1 1/8" (12.9001)		4		8						4							
103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR		AR		AR	AR	AR	AR	AR						
117049	NUT, 3/8"-24 (12.9120)		AR	AR		AR		AR	AR	AR	AR	AR						
12.5021 - GASKET, HYDRAULIC PUMP ADAPTOR																		
5117081	GASKET (1.5040)		1	1	2	1	2	2	2	1	1	1						
12.5030 - GEAR, HYDRAULIC PUMP DRIVE																		
5168688	GEAR	1			2													
5138709	GEAR			1							1							
5188848	GEAR						2	2	2									
5127394	GEAR					1				1								
5138079	GEAR		1															
5140971	GEAR											1						
103375	PIN, 3/32"x1 1/4" COTTER (12.9250)					AR		AR										
455921	PIN, 1/8"x1 1/2" SPRING (3.3060)		1	1							1	1						
103907	KEY, 3/16"x7/8" WOODRUFF (12.9350)				2													
5188756	NUT, 1/2"-28					1	2	2										
122761	NUT, 1/2"-20							2										

12.5000A HYDRAULIC PUMP

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES										
			1 4 1	1 4 2	1 4 5	1 4 6	1 5 0	1 5 1	1 5 2	1 5 3	1 5 7	1 5 8	1 8 4
		12.5001 - PUMP ASSY., HYDRAULIC											
		NOTE: COMPONENT PARTS OF HYDRAULIC PUMP ASSEMBLIES ARE SOLD BY VICKERS INCORPORATED, DETROIT, MICHIGAN AND HYDRECO, CLEVELAND, OHIO. (FURNISH THEIR ASSEMBLY PART NUMBER WHICH IS SHOWN IN PARENTHESES.)											
4A	NPN 5145096	PUMP ASSY. (CUSTOMER FURNISHED) + PUMP ASSY. (WITH ADAPTOR) (VICKERS #V20-1-P-8-P-1C-10L) (13 GPM @ 2000RPM)	1	1	1	1					1	1	
4A	5145095	+ PUMP ASSY. (WITH ADAPTOR) (VICKERS #V20-1-P-6-P-1C-10L) (6 1/4 GPM @ 1200 RPM)					1			1			
4A	5145097	+ PUMP ASSY. (WITH ADAPTOR) (VICKERS #V20-1-P-8-P-1C-10) (13 GPM @ 2000RPM)						1					
	5188757	PUMP ASSY. (LESS ADAPTOR) (HYDRECO #1515C12B1) (8 GPM @ 1800 RPM)							1				
4A	5123119	* PUMP ASSY. (WITH ADAPTOR) (HYDRECO #1515-C12B1) (8 GPM @ 1200 RPM)										1	
4A	179839	BOLT, 3/8"-16X1" (12.9001)					2	2	2	2			1
4A	103321	LOCKWASHER, 3/8" (12.9200) * NOT SERVICED, LISTED FOR REFERENCE ONLY. FOR SERVICE USE COMPONENTS.					2	2	2	2			
		12.5005 - GASKET, HYDRAULIC PUMP											
		+ OBSOLETE.											
	5188755	GASKET	2		1		1	1	1	1		2	1
	5137221	GASKET		1									
4A	5111828	GASKET				1							
4A	5168852	GASKET								1			
		12.5010 - COUPLING, HYDRAULIC PUMP DRIVE											
4A	5143616	COUPLING (21 TEETH, EXTERNAL GEAR)	2	1	1	1	1	1	1	1	1	2	1
		12.5015 - PLATE, HYDRAULIC PUMP DRIVE											
4A	5131627	PLATE (21 TEETH) (1.7630)	2	1	1	1			1	1			
4A	5170450	PLATE (21 TEETH) (1.7630)					1	1			1	2	1
4A	5177026	SPACER (1.7630)	2	1	1	1			1	1			
	5140814	SPACER										2	1

12.5000A HYDRAULIC PUMP

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 4 1	1 4 2	1 4 5	1 4 6	1 5 0	1 5 1	1 5 2	1 5 3	1 5 7	1 5 8	1 8 4	1 9 8
12.5015 - PLATE, HYDRAULIC PUMP DRIVE (CONT'D)														
	5122923	STUD, 3/8"X1 1/2" (1.7633)			1	1								
	5108836	STUD, 3/8"					1	1						
	5145092	BOLT, 3/8"-24X1.20"	8		3	3					4		4	
	5145091	BOLT, 3/8"-24X1.38"					3	3				8		4
4A	9413533	NUT, 3/8"-24 HEX. SELF LOCKING (12.9120)			1	1	1	1						
	5145431	NUT, 3/8"-24 JAM CAD. (12.4037)			1	1	1	1						
12.5017 - PLATE, CAM OR BALANCER GEAR														
	5122922	RETAINER (1.7207)		3		1			3	3				
4A	5145091	BOLT, 3/8"-24 X 1.31" (12.5015)		4					4	4				
12.5020 - ADAPTOR, HYDRAULIC PUMP ADAPTOR														
	5137222	ADAPTOR		1										
	5131332	ADAPTOR			1									
	5120828	ADAPTOR				1								
	5137472	ADAPTOR					1	1	1	1				
	5123814	ADAPTOR									1			
	5122386	ADAPTOR											1	1
	103196	STUD, 3/8"-16-24 X 1 9/16" (12.9117)	4		2							4	2	2
	5162793	STUD, 1/2"-13-20 X 1.76" (6.2115)		2										
	179839	BOLT, 3/8"-16 X 1" (12.9001)				6					6			
	179858	BOLT, 7/16"-14 X 1" (12.9001)	1		1	1	1	1	1	1		2	1	1
	179882	BOLT, 1/2"-13 X 1 1/8" (12.9001)	8		4	4	4	4	4	4		8	4	4
	103321	LOCKWASHER, 3/8" (12.9200)	AR		AR	AR					AR	AR	AR	AR
	103323	LOCKWASHER, 1/2" (12.9200)		2										
	117049	NUT, 3/8"-24 (12.9120)	4		2							4	2	2
	103028	NUT, 1/2"-20 (12.9125)		2										
12.5021 - GASKET, HYDRAULIC PUMP ADAPTOR														
4A	5104506	GASKET (1.5040)	2	1	1	1	1	1	1	2		2	1	
12.5030 - GEAR, HYDRAULIC PUMP DRIVE														
4A	5188848	GEAR	2											1
4A	5140971	GEAR		1										
	5168688	GEAR			1						1			
	5111829	GEAR				1								
4A	5138079	GEAR					1	1	1	1				

12.5000A HYDRAULIC PUMP

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 4 1	1 4 2	1 4 5	1 4 6	1 5 0	1 5 1	1 5 2	1 5 3	1 5 7	1 5 8	1 8 4	1 9 8
	12.5030	GEAR, HYDRAULIC PUMP DRIVE (CONT'D)												
4A	5131313	GEAR										2		
	5188848	GEAR											1	
	455921	PIN, 1/8"X1 1/2" SPRING (3.3060)		1										
	103375	PIN, 3/32"X1 1/4" COTTER (12.9250)	2		1							2	1	1
	5188756	NUT, 1/2"-28 (SLOTTED) (PUMP SHAFT)	2		1							2	1	1
	122761	NUT, 1/2"-20 (SLOTTED) (PUMP SHAFT 1/2"-20 THD.) (12.9130)	2		1									

12.5000A HYDRAULIC PUMP

			TYPES												
FIG	PART NUMBER	NAME AND DESCRIPTION	1 9 9	2 0 0	2 0 1	2 0 2	2 0 3	2 0 4	2 0 7	2 1 4	2 3 0				
12.5001 - PUMP ASSY., HYDRAULIC															
NOTE: COMPONENT PARTS OF HYDRAULIC PUMP ASSEMBLIES ARE SOLD BY VICKERS INCORPORATED, DETROIT, MICHIGAN AND HYDRECO, CLEVELAND, OHIO. (FURNISH THEIR ASSEMBLY PART NUMBER WHICH IS SHOWN IN PARENTHESES.)															
4A	NPN 5145096	PUMP ASSY. (CUSTOMER FURNISHED) + PUMP ASSY. (WITH ADAPTOR) (VICKERS #V20-1-P-8-P-1C-10L) (13 GPM @ 2000RPM)		1		1			1	1	1				
4A	5145095	+ PUMP ASSY. (WITH ADAPTOR) (VICKERS #V20-1-P-6-P-1C-10L) (6 1/4 GPM @ 1200 RPM)					1								
4A	5145097	+ PUMP ASSY. (WITH ADAPTOR) (VICKERS #V20-1-P-8-P-1C-10) (13 GPM @ 2000RPM)													
4A	5123119	* PUMP ASSY. (WITH ADAPTOR) (HYDRECO #1515-C12B1) (8 GPM @ 1200 RPM)	1												
	5124652	PUMP ASSY. (LESS ADAPTOR) (HYDRECO #1512C-12-C1)			1										
	103196	STUD, 3/8"-16-24X1 9/16" (12.9117)										1			
4A	179839	BOLT, 3/8"-16X1" (12.9001)	2	2		2	2	2				2			
4A	103321	LOCKWASHER, 3/8" (12.9200)	2	2		2	2	2				2			
	117049	NUT, 3/8"-24 (12.9120) * NOT SERVICED, LISTED FOR REFERENCE ONLY. FOR SERVICE USE COMPONENTS. - OBSOLETE.										2			
12.5005 - GASKET, HYDRAULIC PUMP															
4A	5188755	GASKET	1	1	1	1	1			1	1				
	5168852	GASKET							1						
	5131396	GASKET						1							
12.5010 - COUPLING, HYDRAULIC PUMP DRIVE															
4A	5143616	COUPLING (21 TEETH, EXTERNAL GEAR)	1	1	1	1	1	1	1	1	1				
12.5015 - PLATE, HYDRAULIC PUMP DRIVE															
4A	5170450	PLATE (21 TEETH) (1.7630)	1	1	1	1	1	1	1	1	1				
	5140814	SPACER	1	1					1	1	1				
	5108836	STUD, 3/8"			1	1	1								
	5145091	BOLT, 3/8"-24 X 1.38"	4	4	3	3	3	4	4	4	4				
4A	9413533	NUT, 3/8"-24 SELF-LOCKING (12.9120)			1	1	1								

12.5000A HYDRAULIC PUMP

PART			TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	1 9 9	2 0 0	2 0 1	2 0 2	2 0 3	2 0 4	2 0 7	2 1 4	2 3 0					
	12.5015 - PLATE, HYDRAULIC PUMP DRIVE (CONT'D)															
	5145431	NUT, 3/8"-24 JAM CAD. (12.4037)			1	1	1									
	12.5020 - ADAPTOR, HYDRAULIC PUMP															
4A	5137472	ADAPTOR	1	1		1	1									
	5123814	ADAPTOR							1							
4A	5122386	ADAPTOR			1					1	1					
4A	5131308	ADAPTOR						1								
	103196	STUD, 3/8"-16-24X1 9/16" (12.9117)			2					2						
	179839	BOLT, 3/8"-16X1" (12.9001)							6							
4A	179858	BOLT, 7/16"-14X1" (12.9001)	1	1	1	1	1	1		1	1					
4A	179882	BOLT, 1/2"-13X1 1/8" (12.9001)	4	4	4	4	4	4		4	8					
4A	103321	LOCKWASHER, 3/8" (12.9200)			AR 2				AR	AR						
	117049	NUT, 3/8"-24 (12.9120)								2						
	12.5021 - GASKET, HYDRAULIC PUMP ADAPTOR															
4A	5104506	GASKET (1.5040)								1	1					
	12.5030 - GEAR, HYDRAULIC PUMP DRIVE															
	5168688	GEAR							1							
4A	5138079	GEAR	1	1		1	1									
	5131313	GEAR						1								
4A	5188848	GEAR			1						1					
4A	5127394	GEAR									1					
	103375	PIN, 3/32" X 1 1/4" COTTER (12.9250)			1					1	1					
	5188756	NUT, 1/2"-28 (SLOTTED) (PUMP SHAFT)			1					1	1					

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

PART	
FIG	NUMBER NAME AND DESCRIPTION
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100	100

[illegible]

**NOTE: AIR STARTERS ARE SOLD BY
DETROIT DIESEL ONLY AS COMPLETE
ASSEMBLIES. FOR SERVICE PARTS
CONTACT POW-R- QUICK, LTD. P. O. BOX
1198, BROOKSHIRE, TEXAS 77423
FURNISH THEIR ASSEMBLY PART
NUMBER SHOWN IN PARENTHESES .**

8927815	VALVE, CONTROL
8928822	VALVE, RELAY

12.6000C COLD WEATHER STARTING AID

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES									
			2	3	7	8	2	3	3	7	4	5
		12.6301 - STARTING AID KIT, COLD WEATHER										
		A STARTING AID KIT INCLUDES VALVE ASSY. IN 12.6301, PLUS ITEMS IN 12.6305 THRU 12.6390.										
	5198056	* STARTING AID KIT (TURNER QUICK START) (CONTINUOUS SHOT)	1								1	
	5193474	STARTING AID KIT (CAPSULE)		1		1						
	5122627	@ STARTING AID KIT			1							
	5131975	# STARTING AID KIT (CONTINUOUS SHOT)						1	1			
	5137480	# STARTING AID KIT (MEASURED SHOT)									1	1
	5142734	VALVE ASSY. (CONTINUOUS SHOT)	1								1	
	5199495	FITTING, 1/4" PIPE	1								1	
	112877	BUSHING, 1/4"x1/8" RED. (12.9570)						1	1			
	100001	BOLT, 1/4"-28X3/4" (12.9001)										2
	103319	LOCKWASHER, 1/4" (12.9200)										2
	103024	NUT, 1/4"-28 (12.9120)										2
		* COMPONENT PARTS NOT SERVICED, EXCEPT VALVE AND FITTING IN 12.6301.										
		@ NOT SERVICED; REPLACE WITH TYPE 3.										
		# NOT SERVICED; FOR SERVICE REQUIREMENTS CONTACT TURNER CORPORATION, PARK STREET, SYCAMORE, ILLINOIS.										
		12.6305 - PUMP ASSY., STARTING AID										
		A PUMP ASSY. INCLUDES ITEMS IN 12.6312 THRU 12.6350.										
5A	5230535	PUMP ASSY. (7.8200)	1	1		1						
		12.6312 - SEAL RING, STARTING AID PUMP PLUNGER										
	5230543	SEAL RING (7.8215)	2	2		2						
		12.6330 - KNOB, STARTING AID PUMP PLUNGER										
5A	5152674	KNOB (7.8250)	1	1		1						
5A	122366	NUT, 5/8"-18 (12.9120)	1	1		1						
		12.6340 - VALVE, STARTING AID PUMP INLET										
5A	5230544	VALVE (7.8270)	1	1		1						

12.6000C COLD WEATHER STARTING AID

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2	3	8	1 7	1 8	2 6	3 3	3 6	3 7	4 3	4 5	4 9
		12.6345 - VALVE, STARTING AID PUMP OUTLET												
5A	5153358	VALVE (7.8280)	1	1			1							
		12.6355 - TANK AND STRAINER ASSY., STARTING AID												
		A TANK AND STRAINER ASSY. INCLUDES ITEMS IN 12.6355 THRU 12.6363.												
	850613	# TANK AND STRAINER ASSY.	1											
	5572059	VALVE ASSY.	1											
		# NOT SERVICED; REPLACED BY 5198056 STARTING AID KIT.												
		12.6360 - CAP, STARTING AID TANK PRESSURE												
	850614	CAP ASSY.	1											
		12.6363 - BUSHING & SCREEN ASSY., STARTING AID TANK AND STRAINER												
	5572058	+ BUSHING & SCREEN ASSY.	1											
		+ OBSOLETE.												
		12.6365 - TUBE, STARTING AID TANK TO PUMP												
	5174649	TUBE, 1/8" O.D. X 7" (12.6370)		1			1							
	5174650	TUBE, 3/16" O.D. X 10"	1											
	140303	ELBOW, 1/8" BALL SLEEVE TUBE, 90 DEG. EXT. P.T. (12.9420)			1	1	1		1					
	140323	ELBOW, 1/8" BALL SLEEVE TUBE, 90 DEG. INT. EXT. P.T. (12.9420)			1		1							
	119122	ELBOW, 3/16" BALL SLEEVE TUBE, 90 DEG. (12.9420)	1											
	121322	SLEEVE, 1/8" BALL TUBE (12.9430)		2	1		2		1					
	120488	SLEEVE, 3/16" BALL TUBE (12.9430)	1											
	121220	NUT, 1/8" BALL SLEEVE TUBE (12.9440)		2	1		2	1						
	120487	NUT, 3/16" BALL SLEEVE TUBE (12.9440)	1											
		12.6370 - TUBE, STARTING AID PUMP TO NOZZLE												
	5174649	TUBE 1/8" O.D. X 1/32" X 84"	1	1			1		1					
	5163538	* CLIP, 3/16" TUBE, 7/16" BOLT (7.8320)					4							1
	3292080	* BRACKET, CLIP (7.4076)					1							
	140323	ELBOW, 1/8" BALL SLEEVE TUBE 90 DEG. INT. EXT. P.T. (12.9420)	1	1			1							

12.6000C COLD WEATHER STARTING AID

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2	3	8	17	18	26	33	36	37	43	45
		12.6370 - TUBE, STARTING AID PUMP TO NOZZLE (CONT'D)											
	121322	SLEEVE, 1/8" BALL TUBE (12.9430)	1	1			1						
	188676	* BOLT, 1/4"-20X5/8" (12.9001)					1						
	120392	* WASHER, 1/4" (12.9190)					1						
	120380	* LOCKWASHER, 1/4" (12.9200)					1						
	121220	NUT, 1/8" BALL SLEEVE TUBE (12.9440)	1	1			1						
	120375	* NUT, 1/4"-20 (12.9120)					1						
		* NOT INCLUDED IN KIT.											
		12.6375 - NOZZLE, STARTING AID PUMP TUBE											
5B	2185536	NOZZLE	1	1	1		1		1				
		12.6380 - PUNCTURING TOOL ASSY., STARTING FLUID CAPSULE											
		A PUNCTURING TOOL ASSY. INCLUDES ITEMS IN 12.6385 AND 12.6390.											
5A	5186071	PUNCTURING TOOL ASSY.		1			1						
	5188309	PUNCTURING TOOL ASSY.			1				1				
	5179427	DECAL, INSTRUCTION		1			1						
	132908	* BOLT, #10-32X1/2" RD. HD. SL (12.9025)					4						
	120217	* LOCKWASHER, #10 (12.9200)					4						
	120614	* NUT, #10-32 (12.9120)					4						
		* NOT INCLUDED IN KIT.											
		12.6385 - STRAINER & PLUG ASSY., STARTING FLUID											
		A STRAINER AND PLUG ASSY. INCLUDES ITEMS IN 12.6385.											
5A	5192816	STRAINER & PLUG ASSY.		1			1						
	5192818	STRAINER		1			1						
5B	5194869	PIN, PIERCING			1				1				
5B	5194867	SCREW, BULB NECK			1				1				
	142858	SCREW, 1/4"-20X1/4" RD. HD. SL (12.9025)		1			1						
5B	5194866	WASHER			1				1				
5B	5194865	NUT			1				1				
		12.6390 - GASKET, STARTING FLUID STRAINER ASSY.											
		A GASKET, STARTING FLUID STRAINER ASSY. INCLUDES ITEMS IN 12.6390.											
5B	5192819	GASKET		1			1						
5B	5195340	SCREEN ASSY.			1				1				
5B	5194868	WASHER, BULB NECK			1				1				

12.6000C COLD WEATHER STARTING AID

PART ..FIG ... NUMBER	NAME AND DESCRIPTION	TYPES									
		2	8	1 8	2 8	3 3	3 6	3 7	4 3	4 5	4 9
12.6391	BRACKET, ETHER PUNCTURING TOOL MOUNTING										
5121194	BRACKET			1		1					
5188904	BRACKET										1
5141418	BRACKET										1
5198135	CLAMP ASSY.										1
5113359	SPACER, 1/2"X3/4"X1/8"										2
186676	BOLT, 1/4"-20X5/8" (12.9001)			2		2					
186310	BOLT, 3/8"-24X3 1/2" (12.9001)										2
106340	BOLT, 1/2"-13X7/8" (12.9001)			2							2
120380	LOCKWASHER, 1/4" (12.9200)			2							
103323	LOCKWASHER, 1/2" (12.9200)			2							2
120375	NUT, 1/4"-20 (12.9120)										
12.6410	RESERVOIR ASSY., STARTING AID										
2296781	* RESERVOIR ASSY.				1						
	* PROCURE FROM CHEVROLET.										

12.6000C COLD WEATHER STARTING AID

PART		NAME AND DESCRIPTION		TYPES	
FIG	NUMBER				
	12.6301	STARTING AID KIT, COLD WEATHER			
		A STARTING AID KIT INCLUDES VALVE ASSY. IN 12.6301, PLUS ITEMS IN 12.6305 THRU 12.6390.			
	5137480	* STARTING AID KIT (MEASURED SHOT)	1	1	
	454894	BOLT, 1/4"-20X3/4" (12.9001)		2	
	120393	WASHER, 5/16" (12.9190)		9	
	120380	LOCKWASHER, 1/4" (12.9200)		2	
		* NOT SERVICED; FOR SERVICE REQUIREMENTS CONTACT TURNER CORPORATION, PARK STREET, SYCAMORE, ILLINOIS.			
	12.6365	TUBE, STARTING AID TANK TO PUMP			
	140303	ELBOW, 1/8" BALL SLEEVE TUBE, 90 DEG. EXT. P.T. (12.9420)		1	
	121322	SLEEVE, 1/8" BALL TUBE (12.9430)		1	
	121220	NUT, 1/8" BALL SLEEVE TUBE (12.9440)		1	
	12.6370	TUBE, STARTING AID PUMP TO NOZZLE			
	5186108	TUBE, 1/8" O.D.X48" (CUT TO SUIT)		1	
	5163538	@ CLIP, 3/16" NEOPRENE (7.8320)		2	
		@ NOT INCLUDED IN KIT.			
	12.6375	NOZZLE, STARTING AID PUMP TUBE			
58	2185536	NOZZLE		1	
	12.6378	WIRE, STARTING AID CONTROL			
	5146238	@ WIRE ASSY. (57"L) (2.9422)	1		
	3796374	@ GUIDE (2.9426)	1		
	121832	@ SCREW, #8-32X3/8" RND. HD. (12.9025)	1		
		@ NOT INCLUDED IN KIT.			
	12.6380	PUNCTURING TOOL ASSY., STARTING FLUID CAPSULE			
		A PUNCTURING TOOL ASSY. INCLUDES ITEMS IN 12.6385 AND 12.6390.			
	5188309	PUNCTURING TOOL ASSY.		1	

12.6000C COLD WEATHER STARTING AID

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			5 6	5 7	6 0									
		12.6385 - STRAINER & PLUG ASSY., STARTING FLUID												
58	5194869	PIN, PIERCING			1									
58	5194867	SCREW, BULB NECK			1									
58	5194866	WASHER			1									
58	5194865	NUT			1									
		12.6390 - GASKET, STARTING FLUID STRAINER ASSY.												
58	5195340	SCREEN ASSY.			1									
58	5194868	WASHER, BULB NECK			1									
		12.6391 - BRACKET, ETHER PUNCTURING TOOL MOUNTING												
	5109637	BRACKET			1									
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)			2									
		12.6401 - SHIELD, HEAT												
	5143182	SHIELD		1										
	5155782	CLIP, 3/16" CLOSED (7.8320)		2										
	5157809	CLIP, 3/16" (7.8320)		1										
	180078	BOLT, 5/16"-18X7/8" (12.9001)		1										
	120214	LOCKWASHER, 5/16" (12.9200)		2										
	120376	NUT, 5/16"-18 (12.9120)		1										
		12.6403 - WATER HEATER												
	5109494	HEATER			1									
		12.6405 - SWITCH, WATER HEATER CONTROL												
	5135314	SWITCH			1									
	5109647	RELAY (25 AMP, 2 POLE, 110V)			1									
	189837	CONNECTION, 3/4" TUBE INV. 1/2" HD. (12.9460)			1									
	120062	BUSHING, 1X1/2" RED. (12.9570)			2									
	119100	ELBOW, 1"X90 DEG. PIPE (12.9600)			1									
	127874	NIPPLE, 1"X1 1/2" PIPE (12.9560)			2									
	115237	TEE, 1" PIPE (12.9616)			1									
		12.6406 - BRACKET, WATER HEATER												
	5100381	BRACKET			1									
	100002	BOLT, 1/4"-28X1" (12.9001)			4									
	186274	BOLT, 5/16"-18X5" (12.9001)			3									

12.6000C COLD WEATHER STARTING AID

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES									
			5 6	5 7	6 0							
		12.6406 - BRACKET, WATER HEATER (CONT'D)										
	120392	WASHER, 1/4" (12.9200)			4							
	120380	LOCKWASHER, 1/4" (12.9200)			4							
	121902	NUT, 1/4"-28 CAD. (12.9120)			4							
		12.6407 - TUBE, WATER HEATER SUPPLY										
	5120022	HOSE, 1 1/4" X 2.26" (4.8012)			1							
	5147583	HOSE, .12" X 14.5"			1							
	5109937	CONNECTOR, HOSE, 1"X1.38" (12.6408)			1							
	5137646	ELBOW, 1X1 1/4" TUBE			1							
	2337379	CLAMP HOSE, 1 1/2" (12.9660)			2							
		12.6408 - TUBE, WATER HEATER OUTLET										
	5147584	HOSE, .12" X 31.5"			1							
		12.6409 - COVER, CYLINDER BLOCK WATER HOLE COVER										
	5109918	COVER (1.2043)			2							
	189837	CONNECTOR, 3/4" TUBE INV. 1/2" THD. (12.9460)			2							
	445517	ELBOW (12.9480)			1							
	2476233	CLIP, HOSE #12 TEFLON COATED (4.4345)			2							
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)			2							

12.6000D HYDRAULIC STARTER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			9 0	9 1	9 4	9 9	1 0 0	1 0 1	1 0 2	1 0 3	1 0 4	1 1 4	1 2 8	1 4 4
		12.6501 - STARTER ASSY., HYDRAULIC												
		SEE ASSEMBLY BREAKDOWN PAGE A1.												
5C	6505066	* STARTER ASSY. (C.W.)	1		1	1		1	1	1	1	1		
5C	6505068	* STARTER ASSY. (C.C.W.)		1			1	1					1	
5C	6505067	* STARTER ASSY. (C.C.W.)												1
	271557	BOLT, 5/8"-11X1 3/8" (12.9001)	1	1	1	1	1	1	1	1	1	1	1	1
	273666	BOLT, 5/8"-11 X 1 3/8" (12 PT. HD.) (12.9001)	1	1	1	1	1	1	1	1	1	1	1	1
	103325	LOCKWASHER, 5/8" (12.9200) * NOT SERVICED; COMPONENTS AVAILABLE	2	2	2	2	2	2	2	2	2	2	2	2
		12.6502 - GASKET, HYDRAULIC STARTER												
	5130995	GASKET (7.3004)	1	1	1	1	1	1	1	1	1	1	1	1
		12.6551 - RESERVOIR, HYDRAULIC STARTER												
		A RESERVOIR ASSY. INCLUDES PLUG IN 12.6551 PLUS ITEMS IN 12.6555 AND 12.6558.												
5C	6505033	RESERVOIR ASSY.	1	1	1	1	1	1	1	1	1	1	1	1
	5145009	PLUG, 1/8" PIPE (12.9550)	1	1	1	1	1	1	1	1	1	1	1	1
	5120380	DECAL	1	1	1	1	1	1	1	1	1	1	1	1
		12.6552 - STRAP, HYDRAULIC STARTER RESERVOIR												
	5115524	CLAMP	2	2	2	2	2	2	2	2	2	2	2	2
		12.6555 - CAP, HYDRAULIC STARTER RESERVOIR												
5C	1553180	CAP	1	1	1	1	1	1	1	1	1	1	1	1
		12.6558 - FILTER, HYDRAULIC STARTER RESERVOIR												
5C	6505020	FILTER ASSY.	1	1	1	1	1	1	1	1	1	1	1	1
		12.6570 - ACCUMULATOR, HYDRAULIC STARTER												
		SEE ASSEMBLY BREAKDOWN PAGE B1.												
5C	6505041	# ACCUMULATOR ASSY. (1 1/2 GAL.) (ITEM 1)	1	1	1	1	1	1	1	1				
5C	5125521	# ACCUMULATOR ASSY. (1 1/2 GAL.) (ITEM 2)	1	1	1	1	1	1	1	1				

DETROIT DIESEL

53 MPC ENGINES

12.6000D HYDRAULIC STARTER

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	90	91	94	99	100	101	102	103	104	114	128	144
		12.6570 - ACCUMULATOR, HYDRAULIC STARTER (CONT'D)												
5C	5131275	# ACCUMULATOR ASSY. (1 1/2 GAL) (ITEM 3)	1	1	1	1	1	1	1	1		1	1	
5C	5128337	@ * ACCUMULATOR ASSY. (1 1/2 GAL) (ITEM 2)	1											
5C	5131277	@ * ACCUMULATOR ASSY. (1 1/2 GAL) (ITEM 3)	1											
5C	5125522	# ACCUMULATOR ASSY. (2 1/4 GAL) (ITEM 2)									1			
5C	5131274	ACCUMULATOR ASSY. (2 1/4 GAL) (ITEM 3)									1			1
	5146282	DECAL, CAUTION # NOT SERVICED, COMPONENTS ARE AVAILABLE, FOR COMPLETE REPLACEMENT USE 5131274. @ U. S. COAST GUARD INSPECTED. * NOT SERVICED, COMPONENTS ARE AVAILABLE, FOR COMPLETE REPLACEMENT USE 05131276.	1	1	1	1	1	1	1	1	1	1	1	1
		12.6585 - GAGE, HYDRAULIC STARTER PRESSURE												
5C	6505012	GAGE	1	1	1	1	1	1	1	1	1	1	1	1
		12.6590 - PUMP ASSY., HYDRAULIC STARTER ENGINE												
		SEE ASSEMBLY BREAKDOWN PAGE C1.												
	6505030	PUMP ASSY. (BELT DRIVEN)	1	1		1	1	1	1	1		1	1	
	5125466	PUMP ASSY. (DIRECT DRIVEN)			1						1			1
	5157412	SPACER, 7/8" X 1/4" (7.4013)	2	2		2	2	2	2	2		2	2	
	5164294	SPACER, 13/32" X 1/8" (7.1581)	2											
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	2	2		2	2	2	2	2		2	2	
	179857	BOLT, 7/16"-14X7/8" (12.9001)			1						1			
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)			4						4			
	103341	WASHER, 3/8" (12.9190)	2	2		2	2	2	2	2		2	2	
	5150568	WASHER, 7/16" COPPER (2.4050)			1						1			
	103321	LOCKWASHER, 3/8" (12.9200)	2	2		2	2	2	2	2		2	2	
	103323	LOCKWASHER, 1/2" (12.9200)			4						4			
		12.6593 - PLATE, HYDRAULIC STARTER ENGINE PUMP DRIVE												
6F	6525073	PLATE (12.6518)			1						1			1
	5177026	SPACER (1.7630)			3									
	5122923	STUD, 3/8"-24 X 1 1/2" (1.7633)									1			

12.6000D HYDRAULIC STARTER

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	9 0	9 1	9 4	9 9	1 0 0	1 0 1	1 0 2	1 0 3	1 0 4	1 1 4	1 2 8	1 4 4
		12.6593 - PLATE, HYDRAULIC STARTER ENGINE PUMP DRIVE (CONT'D)												
	181361	BOLT, 3/8"-24X7/8" (12.9001)												4
	5176474	BOLT, 3/8"-24X1 1/8" (1.7630)									3			
6F	181370	BOLT, 3/8"-24X1 1/4" (12.9001)			4									
6F	103321	LOCKWASHER, 3/8" (12.9200)									1			2
	124925	NUT, 3/8"-24 (12.9120)									1			
	9413533	NUT, 3/8"-24 (ON STUD) (12.9120)									1			
		12.6630 - PUMP ASSY., HYDRAULIC STARTER HAND												
		SEE ASSEMBLY BREAKDOWN PAGE D1.												
6C	6605002	PUMP ASSY.	1	1	1	1	1	1	1	1	1	1	1	1
		12.6646 - HANDLE, HYDRAULIC STARTER HAND PUMP												
6C	6625044	HANDLE	1	1	1	1	1	1	1	1	1	1	1	1
		12.6655 - PRIMER, FUEL												
		NOTE: FUEL PRIMER PUMPS ARE SERVICED ONLY AS ASSEMBLIES. FOR COMPONENTS CONTACT THE KOHLER CO., KOHLER, WISCONSIN. AND FURNISH THEIR PART NUMBER WHICH APPEARS IN PARENTHESES.												
	5110760	PRIMER (K-2405-1/8-B-6)	1	1	1	1	1	1	1	1	1	1	1	1
		12.6670 - BRACKET, HYDRAULIC STARTER ENGINE PUMP												
	5125393	BRACKET (R.H.)	1						1	1			1	
	5125394	BRACKET (L.H.)		1		1	1	1				1		
	5173085	SPACER (7/16" I.D. X 5/8" O.D. X 7/8" L) (7.4005)	1	1		1	1	1	1	1		1	1	
	179839	BOLT, 3/8"-16X1" (12.9001)	2	2		2	2	2	2	2		2	2	
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)	1	1		1	1	1	1	1		1	1	
	103321	LOCKWASHER, 3/8" (12.9200)	3	3		3	3	3	3	3		3	3	
		12.6672 - GUARD, HYDRAULIC ENGINE PUMP DRIVE BELT												
	5126115	GUARD (L.H.) (7.1585)					1							
	5126111	GUARD (L.H.) (7.1585)						1				1		
	5126114	GUARD (R.H.) (7.1585)							1					

DETROIT DIESEL

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12.6000D HYDRAULIC STARTER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			9 0	9 1	9 4	9 9	1 0 0	1 0 1	1 0 2	1 0 3	1 0 4	1 1 4	1 2 8	1 4 4
	12.6672	GUARD, HYDRAULIC ENGINE PUMP DRIVE BELT (CONT'D)												
	5126110	GUARD (R.H.) (7.1585)							1					
	5108992	GUARD (R.H.) (7.1585)										1		
	5126112	BRACKET, LONG (7.1587)				1	1	1	1		1	1		
	5126113	BRACKET, SHORT (7.1587)				3	1	3	1		1	1		
	5177469	SPACER, 13/32" X 3/4" X 3/16" (7.1585)				1		1						
	5157412	SPACER, 13/32" X 7/8" X 1/4" (7.4013)				1	1	1	1		1	1		
	454745	SCREW, 1/4"-28X1/2" RD. HD. SL. (12.9025)				4	2	4	2		2	2		
	179839	BOLT, 3/8"-16X1" (12.9001)				1	1	1	1		1	1		
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)				1	1	1	1		1	1		
	179847	BOLT, 3/8"-16X2" (12.9001)				1		1						
	103341	WASHER, 3/8" (12.9190)				AR	AR	AR	AR		AR	AR		
	5101265	RETAINER, SCREW (7.1585)				4	2	4	2		2	2		
	102635	NUT, 3/8"-16 (12.9120)				1	1	1	1		1	1		
	12.6673	PULLEY, HYDRAULIC ENGINE PUMP DRIVE												
	5114085	PULLEY (6" DIA., 2 GROOVES)	1	1		1	1	1	1		1	1		
	12.6676	BELT, HYDRAULIC STARTER ENGINE PUMP DRIVE												
	5133172	BELT SET (2 BELTS) (43"LX.380"W.) (7.1575)	1	1		1	1	1	1		1	1		

12.6000D HYDRAULIC STARTER

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	1 5 3	1 7 2	1 7 3	1 7 4	1 7 5	1 7 8	1 7 9	1 8 0	1 8 1	1 8 2	1 8 3
12.6501 - STARTER ASSY., HYDRAULIC													
SEE ASSEMBLY BREAKDOWN PAGE A1.													
5C	6505066	* STARTER ASSY. (C.W.)		1	1					1		1	
5C	6505068	* STARTER ASSY. (C.C.W.)									1		
5C	5125733	* STARTER ASSY. (C.W.)	1										
5C	5138889	* STARTER ASSY. (C.W.)				1							
5C	5139086	* STARTER ASSY. (C.C.W.)					1						
5C	5141333	* STARTER ASSY. (C.W.)						1					
5C	5139062	* STARTER ASSY. (C.W.)							1				1
	271557	BOLT, 5/8"-11X1 3/8" (12.9001)	1	1	1	1	1		1	1	1	1	1
	273666	BOLT, 5/8"-11X1 3/8" (12 PT. HD.) (12.9005)	1	1	1	1	1		1	1	1	1	1
	5131967	BOLT, 5/8"-11X1 3/4" (12 PT. HD.) (12.9005)						2					
	103325	LOCKWASHER, 5/8" (12.9200) * NOT SERVICED; COMPONENTS AVAILABLE	2	2	2	2	2	2	2	2	2	2	2
12.6502 - GASKET, HYDRAULIC STARTER													
	5130995	GASKET (7.3004)	1					1			1		
12.6551 - RESERVOIR, HYDRAULIC STARTER													
A RESERVOIR ASSY. INCLUDES PLUG IN 12.6551 PLUS ITEMS IN 12.6555 AND 12.6558.													
5C	6505033	RESERVOIR ASSY.	1	1	1			1	1	1	1	1	1
5C	5109748	# RESERVOIR ASSY.				1							
	5136644	GAGE, OIL LEVEL				1							
	5136601	TUBE ASSY. (25.88" DEV. L.) (OUTLET)				1							
	5136602	TUBE ASSY. (9" DEV. L.) (INLET)				1							
	442322	CONNECTOR, 5/16" TUBE (12.9460)				2							
	225815	ELBOW, 90 DEG. INV. FL. TUBE (12.9480)				2							
	5145009	PLUG, 1/8" PIPE (12.9550)	1	1	1	1		1	1	1	1	1	1
	5120380	DECAL	1	1	1			1	1	1	1	1	1
# NOT SERVICED; COMPONENTS AVAILABLE FOR COMPLETE REPLACEMENT USE 6505033													
12.6552 - STRAP, HYDRAULIC STARTER RESERVOIR													
	5115524	CLAMP	2	2	2			2			2	2	
12.6555 - CAP, HYDRAULIC STARTER RESERVOIR													
5C	1553180	CAP	1	1	1	1		1	1	1	1	1	1

12.6000D HYDRAULIC STARTER

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 5 3	1 7 2	1 7 3	1 7 4	1 7 5	1 7 8	1 7 9	1 8 0	1 8 1	1 8 2	1 8 3
		12.6558 - FILTER, HYDRAULIC STARTER RESERVOIR											
5C	6505020	FILTER ASSY.	1	1	1	1		1	1	1	1	1	1
		12.6570 - ACCUMULATOR, HYDRAULIC STARTER											
		SEE ASSEMBLY BREAKDOWN PAGE B1.											
5C	5131275	* ACCUMULATOR ASSY. (1 1/2 GAL) (ITEM 3)						1					
5C	5131274	ACCUMULATOR ASSY. (2 1/4 GAL) (ITEM 3)	1	1	1				1	1			1
5C	5131276	@ ACCUMULATOR ASSY. (2 1/4 GAL) (ITEM 3)											1
	5185800	STRAP				6 3					1	1	
	5146282	DECAL, CAUTION @ U. S. COAST GUARD INSPECTED. * NOT SERVICED; COMPONENTS AVAILABLE FOR COMPLETE REPLACEMENT USE 5131274	1	1	1	1		1	1	1	1	1	1
		12.6585 - GAGE, HYDRAULIC STARTER PRESSURE											
5C	6505012	GAGE	1	1	1	1		1	1	1	1	1	1
		12.6590 - PUMP ASSY., HYDRAULIC STARTER ENGINE											
		SEE ASSEMBLY BREAKDOWN PAGE C1.											
	6506030	PUMP ASSY. (BELT DRIVEN)		1	1			1	1	1	1	1	1
	5125466	PUMP ASSY. (DIRECT DRIVEN)	1										
	5109001	* PUMP ASSY. (GC-2366-A-9-EA-8)				1							
	5157412	SPACER (7/8"X1/4") (7.4013)						2			2	2	
	112918	BOLT, 5/16"-18X1 1/8" (12.9001)				2							
	179838	BOLT, 3/8"-16X7/8" (12.9001)		2	2				2	2			2
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)						2			2	2	
	5108435	WASHER, 3/8" (12.4010)		2	2				2	2			2
	103341	WASHER, 3/8" (12.9190)						2			2	2	
	103320	LOCKWASHER, 5/16" (12.9200)				2							
	103321	LOCKWASHER, 3/8" (12.9200)		2	2	1		2	2	2	2	2	2
	120376	NUT, 5/16"-18 (12.9120)				2							
		* NOT SERVICED; FOR COMPLETE REPLACEMENT USE 5143507 PUMP ASSEMBLY AND (1) 5143073 SPACER.											
		12.6593 - PLATE, HYDRAULIC STARTER ENGINE PUMP DRIVE											
6F	6525073	PLATE	1										
	181361	BOLT, 3/8"-24X7/8" (12.9001)	4										
6F	103321	LOCKWASHER, 3/8" (12.9200)	2										

DETROIT DIESEL

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12.6000D HYDRAULIC STARTER

PART ..FIG .. NUMBER	NAME AND DESCRIPTION	TYPES										
		1 5 3	1 7 2	1 7 3	1 7 4	1 7 5	1 7 8	1 7 9	1 8 0	1 8 1	1 8 2	1 8 3
12.6615	- VALVE, HYDRAULIC STARTER ENGINE PUMP CHECK											
5139775	VALVE, CHECK		1	1	1			1	1			1
12.6630	- PUMP ASSY., HYDRAULIC STARTER HAND											
	SEE ASSEMBLY BREAKDOWN PAGE D1.											
6C 6505002	PUMP ASSY.	1	1	1	1		1	1	1	1	1	1
12.6646	- HANDLE, HYDRAULIC STARTER HAND PUMP											
6C 6525044	HANDLE	1	1	1	1		1	1	1	1	1	1
12.6650	- VALVE, HYDRAULIC STARTER HAND PUMP SHUT-OFF											
5109648	VALVE				4							
12.6655	- PRIMER, FUEL											
	NOTE: FUEL PRIMER PUMPS ARE SERVICED ONLY AS ASSEMBLIES. FOR COMPONENTS CONTACT THE KOHLER CO., KOHLER, WISCONSIN, AND FURNISH THEIR PART NUMBER WHICH APPEARS IN PARENTHESES.											
5110760	PRIMER (K-2405-1/8-8-6)	1	1	1	1	1	1	1	1	1	1	1
12.6658	- BRACKET, FUEL PRIMER											
5141415	BRACKET							1	1			
5157412	SPACER, 7/8"X1/4" (7.4013)							1	1			
186679	BOLT, 3/8"-16X1/4" (12.9001)							1	1			
103341	WASHER, 3/8" (12.9190)							1	1			
103321	LOCKWASHER, 3/8" (12.9200)							1	1			
102635	NUT, 3/8"-16 (12.9120)							1	1			
12.6670	- BRACKET, HYDRAULIC STARTER ENGINE PUMP											
5125393	BRACKET (R.H.)						1				1	
5125394	BRACKET (L.H.)									1		
5128697	BRACKET		1	1					1			1

12.6000D HYDRAULIC STARTER

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 5 3	1 7 2	1 7 3	1 7 4	1 7 5	1 7 8	1 7 9	1 8 0	1 8 1	1 8 2	1 8 3	
12.6670 - BRACKET, HYDRAULIC STARTER ENGINE PUMP (CONT'D)														
5109725	BRACKET				1									
5128803	SUPPORT		1	1				1	1				1	
5173085	SPACER, 7/16" X 5/8" X 7/8" (7.4005)						1				1	1		
179830	BOLT, 5/16"-18X3" (12.9001)				4									
179839	BOLT, 3/8"-16X1" (12.9001)		3	3			3	3	3	2	2	2		
186679	BOLT, 3/8"-16X1 1/4" (12.9001)		2	2						2			2	
179848	BOLT, 3/8"-16X2 1/4" (12.9001)										1	1		
103320	LOCKWASHER, 5/16" (12.9200)				4									
103321	LOCKWASHER, 3/8" (12.9200)		5	5			3	3	5	2	2	2	5	
102635	NUT, 3/8"-16 (12.9120)		2	2					2				2	
12.6672 - GUARD, HYDRAULIC ENGINE PUMP DRIVE BELT														
5126111	GUARD (L.H.) (7.1585)										1			
5108992	GUARD (R.H.) (7.1585)											1		
5109726	GUARD				1									
5126112	BRACKET, LONG (7.1587)										1	1		
5126113	BRACKET, SHORT (7.1587)										1	1		
5157412	SPACER, 13/32" X 7/8" X 1/4" (7.4013)										1	1		
454745	SCREW, 1/4"-28X1 1/2" RD. HD. SL (12.9025)											2	2	
443603	BOLT, 1/4"-20X3/4" (12.9001)				2									
100001	BOLT, 1/4"-28X3/4" (12.9001)				2									
179839	BOLT, 3/8"-16X1" (12.9001)										1	1		
186679	BOLT, 3/8"-16X1 1/4" (12.9001)										1	1		
103341	WASHER, 3/8" (12.9190)										AR	AR		
103319	LOCKWASHER, 1/4" (12.9200)				2									
103321	LOCKWASHER, 3/8" (12.9200)										AR	AR		
5101265	RETAINER, SCREW (7.1585)										2	2		
121902	NUT, 1/4"-28 (12.9120)				2									
102635	NUT, 3/8"-16 (12.9120)										1	1		
12.6673 - PULLEY, HYDRAULIC ENGINE PUMP DRIVE														
5114085	PULLEY (6" DIA., 2 GROOVES)			1				1	1		1	1		
5138911	† PULLEY (5.38" DIA., 2 GROOVES)		1							1			1	
5109691	PULLEY (3.24" DIA., 1 GROOVE)													
5109986	SPACER, 1/2" I.D. X 1 1/8" O.D. (4.1040)				1									
274270	RING, RETAINING (2.9009)				1									
120394	WASHER, 13/32"X13/16" (12.9190)				1									
124925	NUT, 3/8"-24 JAM (12.9120)				1									
	† OBSOLETE.													

12.6000D HYDRAULIC STARTER

PART FIG . . . NUMBER NAME AND DESCRIPTION	TYPES													
	1 5 3	1 7 2	1 7 3	1 7 4	1 7 5	1 7 8	1 7 9	1 8 0	1 8 1	1 8 2	1 8 3			
12.6676 - BELT, HYDRAULIC STARTER ENGINE PUMP DRIVE														
5133172 BELT SET (2 BELTS) (43"LX.380"W.) (7.1575)									1	1				
5136878 BELT SET (2 BELTS, 44"LX.380"W.)		1	1				1	1			1			
9433871 BELT (33"LX.500"W.)				1										
5135030 BELT SET (2 BELTS, 34"LX.380"W.)						1								
12.6682 - STRAP, ACCUMULATOR MOUNTING														
5118559 SPACER			2				2	2						
5126381 STRAP "U" 3/8"-16			2				2	2						

12.6000D HYDRAULIC STARTER

PART		TYPES														
FIG	NUMBER	NAME AND DESCRIPTION	1 8 4	1 9 2	1 9 4	1 9 5	2 0 9									
		12.6501 - STARTER ASSY., HYDRAULIC														
		SEE ASSEMBLY BREAKDOWN PAGE A1.														
	NPN	STARTER ASSY. (CUSTOMER FURNISHED)			1	1										
6A	5125733	* STARTER ASSY. (C.W.)	1													
6A	6505066	* STARTER ASSY. (C.W.)		1			1									
6A	273666	BOLT, 5/8"-11X1 3/8" (12 PT. HD.) (12.9001)	1	1			1									
6A	271557	BOLT, 5/8"-11X1 3/8" (12.9001)	1	1			1									
6A	103325	LOCKWASHER, 5/8" (12.9200)	2	2			2									
		* NOT SERVICED; COMPONENTS AVAILABLE														
		12.6502 - GASKET, HYDRAULIC STARTER														
	5130995	# GASKET (7.3004)	1	1												
		# FOR MARINE GEAR OR TORQUE CONVERTER APPLICATIONS.														
		12.6551 - RESERVOIR, HYDRAULIC STARTER														
		A RESERVOIR ASSY., INCLUDES PLUG IN 12.6551 PLUS ITEMS IN 12.6555 AND 12.6558.														
	6505033	% RESERVOIR ASSY.	1	1	1	1	1									
	5145009	PLUG, 1/8" PIPE (12.9550)	1	1	1	1	1									
	5120380	DECAL (12.6551)	1	1	1	1	1									
		% NOT SERVICED, USE COMPONENTS.														
		12.6552 - STRAP, HYDRAULIC STARTER RESERVOIR														
	5115524	CLAMP (12.6552)	2	2	2	2	2									
	427570	BOLT, 7/16"-14X2" (12.9001)	2													
	103322	LOCKWASHER, 7/16" (12.9200)	2													
	123242	NUT, 7/16"-14 (12.9120)	2													
		12.6555 - CAP, HYDRAULIC STARTER RESERVOIR														
	1553180	CAP	1	1	1	1	1									
		12.6558 - FILTER, HYDRAULIC STARTER RESERVOIR														
	6505020	FILTER ASSY.	1	1	1	1	1									

12.6000D HYDRAULIC STARTER

PART		NAME AND DESCRIPTION	TYPES				
FIG	NUMBER		1 8 4	1 9 2	1 9 4	1 9 5	2 0 9
		12.6570 - ACCUMULATOR, HYDRAULIC STARTER					
		SEE ASSEMBLY BREAKDOWN PAGE B1.					
6B	5131277	@ * ACCUMULATOR ASSY. (1 1/2 GAL.)					1
6B	5131274	ACCUMULATOR ASSY. (2 1/4 GAL.)					
		(ITEM 3)	1	1			
6B	5131276	@ ACCUMULATOR ASSY. (2 1/4 GAL.)					
		(ITEM 3)			1	1	
	5146282	DECAL, CAUTION	1	1	1	1	1
		@ U. S. COAST GUARD APPROVED.					
		* NOT SERVICED, COMPONENTS					
		AVAILABLE FOR COMPLETE					
		REPLACEMENT USE 5131274					
		12.6585 - GAGE, HYDRAULIC STARTER PRESSURE					
	6505012	GAGE		1	1	1	1
		12.6590 - PUMP ASSY., HYDRAULIC STARTER ENGINE					
		SEE ASSEMBLY BREAKDOWN PAGE C1.					
6F	5125466	PUMP ASSY. (DIRECT DRIVEN)	1				
6E	6505030	PUMP ASSY. (BELT DRIVEN)		1	1	1	1
	5164294	SPACER, 13/32"X1/8" (7.1581)		2			2
	103341	WASHER, 3/8" (12.9190)		2			2
		12.6593 - PLATE, HYDRAULIC STARTER ENGINE PUMP DRIVE					
6F	6525073	PLATE	1				
	181361	BOLT, 3/8"-24X7/8" (12.9001)	4				
	103321	LOCKWASHER, 3/8" (12.9200)	2				
		12.6630 - PUMP ASSY., HYDRAULIC STARTER HAND					
		SEE ASSEMBLY BREAKDOWN PAGE D1.					
6C	6505002	PUMP ASSY.	1	1	1	1	1
	186627	BOLT, 3/8"-24X1" (12.9001)	4				
	103321	LOCKWASHER, 3/8" (12.9200)	4				
		12.6646 - HANDLE, HYDRAULIC STARTER HAND PUMP					
6C	6525044	HANDLE	1	1	1	1	1

. TYPES

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12.6000D HYDRAULIC STARTER

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
12.6501 - STARTER ASSY., HYDRAULIC																
6A	5125733	* STARTER ASSY. (C.W.)				1										
6A	5138889	* STARTER ASSY. (C.W.)					1									
6A	5139086	* STARTER ASSY. (C.C.W.)						1								
6A	5139082	* STARTER ASSY. (C.W.)								1						
6A	5141333	* STARTER ASSY. (C.W.)									1					
6A	6505066	* STARTER ASSY. (C.W.)	1													
6A	6505067	* STARTER ASSY. (C.C.W.)			1											
6A	6505068	* STARTER ASSY. (C.C.W.)		1												
	6525000	PLATE, NAME	1	1	1	1	1	1	1	1	1					
	220259	SCREW, #OX1/4" DRIVE (12.9067)	4	4	4	4	4	4	4	4	4					
6A	271557	BOLT, 5/8"-11X1 3/8" (12.9001)	1	1	1	1	1	1	1	1	1					
6A	103325	LOCKWASHER, 5/8" (12.9200)	1	1	1	1	1	1	1	1	1					
		* SHOWN FOR COMPONENT REFERENCE ONLY														
12.6504 - HOUSING, HYDRAULIC STARTER DRIVE																
6A	6505015	HOUSING ASSY. (INCLUDES BUSHING, WICK AND PLUG)	1	1	1	1	1	1	1	1	1					
	6525027	BUSHING	1	1	1	1	1	1	1	1	1					
	6525025	WICK, OIL	1	1	1	1	1	1	1	1	1					
6A	5145009	PLUG, 1/8" PIPE (12.9550)	1	1	1	1	1	1	1	1	1					
6A	217947	BOLT, 5/16"-24 X 5/8" SOC. HD. (12.9001)	4	4	4	4	4	4	4	4	4					
5A	103319	LOCKWASHER, 5/16" (12.9200)	4	4	4	4	4	4	4	4	4					
12.6506 - CLUTCH, HYDRAULIC STARTER DRIVE																
6A	1932605	* CLUTCH ASSY. (DELCO)	1							1	1					
6A	5147292	CLUTCH (BENDIX 480279)	1							1	1					
6A	1932604	* CLUTCH ASSY. (DELCO)		1												
6A	5147296	CLUTCH (BENDIX 480278)		1												
6A	1933404	* CLUTCH ASSY. (DELCO)			1				1							
6A	5147295	CLUTCH (BENDIX 480275)			1				1							
6A	1932603	* CLUTCH ASSY. (DELCO)				1										
6A	5147294	CLUTCH (BENDIX 480277)				1										
6A	1932031	* CLUTCH ASSY. (DELCO)						1								
6A	5147291	CLUTCH (BENDIX 480274)						1								
		* NOT SERVICED, USE BENDIX PART NO. SHOWN IN SAME TYPE AND INCLUDE 1-5101581 AND 1-5101715.														
12.6508 - YOKE, HYDRAULIC STARTER CLUTCH																
6A	6525257	* YOKE (DELCO CLUTCH)	1	1	1	1	1	1	1	1	1					
6A	5101581	YOKE (BENDIX CLUTCH)	1	1	1	1	1	1	1	1	1					
		* NOT SERVICED; USE 5101581 PLUS 5101715 AND APPLICABLE BENDIX CLUTCH 12.6506.														

12.6000D HYDRAULIC STARTER

PART			COLUMN													
..FIG ..	NUMBER ..	NAME AND DESCRIPTION ..	A	B	C	D	E	F	G	H	I	J	K	L	M	N
12.6509 - FORK, HYDRAULIC STARTER CLUTCH																
6A	6525015	* FORK (DELCO CLUTCH)	1	1	1	1	1	1	1	1						
6A	5101715	FORK (BENDIX CLUTCH)	1	1	1	1	1	1	1	1						
		* NOT SERVICED; USE 5101715 PLUS 5101581 AND APPLICABLE BENDIX CLUTCH IN 12.6506.														
12.6510 - HOUSING, HYDRAULIC STARTER CLUTCH																
6A	6525008	HOUSING	1	1	1	1	1	1		1						
6A	6525255	HOUSING							1							
6A	6525277	GASKET							1							
	138239	BOLT, 5/16"-24 X 2 3/4" SOC. HD. (12.9027)	4	4	4	4	4	4	4	4						
	103319	LOCKWASHER, 5/16" (12.9200)	4	4	4	4	4	4	4	4						
12.6512 - SHAFT, HYDRAULIC STARTER CONTROL																
6A	6525474	SHAFT	1	1	1	1	1	1		1						
6A	6525254	SHAFT							1							
6A	6525115	SEAL RING (3/4" I.D.)							1							
6A	6525288	SEAL RING (7/8" I.D.)	2	2	2	2	2	2		2						
12.6513 - SPRING, HYDRAULIC STARTER CONTROL SHAFT TORSION																
6A	6525021	SPRING	1	1	1	1	1	1	1	1						
12.6514 - HANDLE, HYDRAULIC STARTER CONTROL SHAFT																
6A	6525475	HANDLE	1	1	1	1	1	1	1	1						
6A	181595	BOLT, 5/16"-24X3/4" (12.9001)	2	2	2	2	2	2	2	2						
6A	103319	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2						
12.6516 - VALVE ASSY., HYDRAULIC STARTER CONTROL																
		VALVE ASSY. INCLUDES ITEMS IN 12.6517 AND 12.6518.														
6A	6505062	VALVE ASSY.	1	1	1	1				1						

DETROIT DIESEL

53 MPC ENGINES

12.6000D HYDRAULIC STARTER

PART FIG NUMBER NAME AND DESCRIPTION			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
12.6516 - VALVE ASSY., HYDRAULIC STARTER CONTROL (CONT'D)																
6A	5145665	VALVE ASSY.					1	1								
6A	6505072	VALVE ASSY.							1							
	456390	PIN, SPRING 1/4"X3/4" CAD. (12.9275)			1	1	1	1	1	1						
6A	181345	BOLT, 5/16"-24X1 3/4" (12.9001)	2	2	2	2	2	2	2	2						
6A	103319	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2						
12.6517 - BODY, HYDRAULIC STARTER CONTROL VALVE																
6A	6525198	# BODY							1	1						
6A	5137349	BODY					1	1								
6A	5199415	BODY ASSY. (INCLUDES ELBOW IN 12.6517 AND VALVE IN 12.6518)	1	1	1	1										
6A	6525110	SEAL RING (1/2" I.D.)	1	1	1	1	1	1	1	1						
6A	9402839	ELBOW, 1/2" HYD. FL. TUBE 90 DEG. (12.9391)	1	1	1	1	1	1	1	1						
6A	6525090	PLUG ASSY. (1/8" PIPE) (.031" HOLE)	1	1	1	1			1	1						
	5137028	PLUG (1/8")					1	1								
6A	5126466	PLUG (2.3050)	1	1	1	1			1	1						
6A	6525261	GASKET (1.125" O.D. X .906" I.D.)	1	1	1	1			1	1						
		# NOT SERVICED, FOR SERVICE USE 5199415.														
12.6518 - VALVE, HYDRAULIC STARTER CONTROL																
6A	6505018	VALVE (INCLUDES PIN)	1	1	1	1	1	1		1						
6A	5108650	VALVE					1	1								
6A	6505073	VALVE							1							
6A	6525114	SEAL RING (3/4" I.D.)	3	3	3	3	3	3	3	3						
6A	6525106	SEAL RING (5/16" I.D.)					1	1								
12.6520 - PLATE, HYDRAULIC STARTER VALVE																
6A	6505048	PLATE ASSY. (INCLUDES SEAL)	1	1	1	1	1	1	1							
6A	5139063	PLATE ASSY. (INCLUDES SEAL)								1						
6A	6525007	SEAL, OIL (1 1/4" I.D.)	1	1	1	1	1	1	1	1						
6A	109429	ELBOW, 5/8" FL. TUBE 90 DEG. (12.9390)	1	1	1	1	1	1	1	1						
6A	5115214	PLUG, 1/2" PIPE (12.9550)	1	1	1	1	1	1	1	1						
	5139415	RING, SEAL			1	1	1	1	1	1						
	6525276	GASKET							1							
12.6525 - HOUSING, HYDRAULIC STARTER MOTOR																
		A HOUSING ASSY. INCLUDES BEARINGS, WHICH ARE NOT SOLD SEPARATELY.														
6A	6505013	HOUSING ASSY.	1	1	1	1	1	1	1							

12.6000D HYDRAULIC STARTER

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		12.6525 - HOUSING, HYDRAULIC STARTER MOTOR (CONT'D)														
6A	5139065	HOUSING ASSY.								1						
		12.6530 - GASKET, HYDRAULIC STARTER MOTOR HOUSING														
6A	6525217	GASKET (AT VALVE PLATE)	1	1	1	1	1	1	1	1						
6A	6525006	GASKET (AT END COVER)	1	1	1	1	1	1	1	1						
		12.6532 - SHAFT, HYDRAULIC STARTER														
6A	6505031	SHAFT	1	1	1	1	1	1	1	1						
6A	6525010	SPRING	1	1	1	1	1	1	1	1						
6A	6525094	RETAINER, SNAP RING (WITH 6525093)	1	1	1	1	1	1	1	1						
6A	6525093	RING, SNAP (1 PIECE RING)	1	1	1	1	1	1	1	1						
6A	5140097	SHIM, .031" THICK	AR	AR	AR	AR	AR	AR	AR	AR						
		12.6535 - ROTOR, HYDRAULIC STARTER														
6A	6525009	ROTOR	1	1	1	1	1	1	1	1						
		12.6537 - PISTON, HYDRAULIC STARTER														
6A	6525020	PISTON	7	7	7	7	7	7	7							
6A	5138987	PISTON								7						
		12.6540 - BEARING, HYDRAULIC STARTER END														
6A	6505026	BEARING ASSY. (INCLUDES COLLAR)	1	1	1	1	1	1	1	1						
		12.6543 - COVER, HYDRAULIC STARTER END														
6A	6525001	COVER	1	1	1	1	1	1	1	1						
6A	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)	6	6	6	6	6	6	6	6						
6A	103319	LOCKWASHER, 5/16" (12.9200)	6	6	6	6	6	6	6	6						

12.6000D HYDRAULIC STARTER

PART		COLUMN														
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
12.6570 - ACCUMULATOR, HYDRAULIC STARTER																
5125521	*	ACCUMULATOR ASSY. (1 1/2 GAL.)		1												
5125522	*	ACCUMULATOR ASSY. (2 1/4 GAL.)				1										
5128337	=	ACCUMULATOR ASSY. (1 1/2 GAL.) (U.S. COAST GUARD INSPECTED)			1				1							
5131274		ACCUMULATOR ASSY. (2 1/4 GAL.)							1							
5131275	*	ACCUMULATOR ASSY. (1 1/2 GAL.)					1									
5131277	=	ACCUMULATOR ASSY. (1 1/2 GAL.) (U.S. COAST GUARD INSPECTED)						1								
6505041	=	ACCUMULATOR ASSY. (1 1/2 GAL.)	1													
5131276		ACCUMULATOR ASSY. (2 1/4 GAL.)								1						
	*	NOT SERVICED, COMPONENTS AVAILABLE FOR COMPLETE REPLACEMENT USE 5131274														
	=	NOT SERVICED, COMPONENTS AVAILABLE FOR COMPLETE REPLACEMENT USE 5131276														
12.6572 - SHELL, HYDRAULIC STARTER ACCUMULATOR																
6525189	#	SHELL	1													
5125463	#	SHELL		1	1											
5125462	#	SHELL				1										
5131273		SHELL					1	1								
5131272		SHELL							1	1						
	#	NOT SERVICED, REPLACE ENTIRE ACCUMULATOR ASSY.														
12.6573 - CAP, HYDRAULIC STARTER ACCUMULATOR																
6525097		CAP	1				1	1	1	1						
6525194		CAP		1	1	1	1	1	1	1						
6525098		PLATE, NAME	1													
5128559		PLATE, NAME		1	1	1	1	1	1	1						
220259		SCREW, #0-1/4" DRIVE (12.9067)	2	2	2	2	2	2	2	2						
12.6574 - SEAL, HYDRAULIC STARTER ACCUMULATOR CAP																
6525227		SEAL RING (5 1/8" O.D.)	1	1	1	1	2	2	2	2						
6525427		RING, BACK-UP (5/8" O.D.)	1	1	1	1	2	2	2	2						
12.6576 - VALVE, HYDRAULIC STARTER ACCUMULATOR																
6525035		VALVE	1	1	1	1	1	1	1	1						
5125520		CAP, VALVE		1	1	1										
6274217		CAP, VALVE	1				1	1	1	1						

12.6000D HYDRAULIC STARTER

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
	12.6580	- PISTON, HYDRAULIC STARTER ACCUMULATOR														
	6525193	PISTON	1	1	1	1	1	1	1	1						
	5125519	PISTON														
	12.6582	- SEAL, HYDRAULIC STARTER ACCUMULATOR PISTON														
	6525151	SEAL RING (4 3/4" O.D.)	1	1	1	1	1	1	1	1						
	6525351	RING, BACK-UP (4 3/4" O.D.)	2	2	2	2	2	2	2	2						

12.6000D HYDRAULIC STARTER

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
		12.6590 - PUMP ASSY., HYDRAULIC STARTER ENGINE														
	5125486	PUMP ASSY. (DIRECT DRIVEN)		1												
	6505030	PUMP ASSY. (BELT DRIVEN)	1													
		12.6594 - DRIVE, HYDRAULIC STARTER ENGINE PUMP														
	6525066	DRIVE		1												
		12.6595 - BODY, HYDRAULIC STARTER ENGINE PUMP														
6E	6505014	BODY	1	1												
6E	9411504	SPACER (1/8" I.D. X 3/8" O.D.)	1	1												
6E	9402864	ELBOW, 3/8" HYDRAULIC FL. TUBE 90 DEG. (12.9391)	1	1												
6E	118755	ELBOW, 3/8" FL. TUBE 90 DEG. (12.9390)	1	1												
6E	118753	ELBOW, 1/4" FL. TUBE 90 DEG. (12.9390)	1	1												
6E	6525195	PLUG, 1/8" PIPE (12.9550)	2	2												
		12.6597 - HOUSING, HYDRAULIC STARTER ENGINE PUMP BEARING														
6E	6525005	HOUSING	1													
6E	6525007	HOUSING		1												
	5125178	PLATE (MOUNTING)		1												
6E	181333	BOLT, 5/16"-24 X 5/8" (12.9001)		3												
6E	181595	BOLT, 5/16"-24 X 3/4"	3													
6E	112723	LOCKWASHER, 5/16" (12.9200)	3	3												
		12.6598 - GASKET, HYDRAULIC STARTER ENGINE PUMP BODY														
6E	6525065	GASKET	1	1												
		12.6600 - SHAFT, HYDRAULIC STARTER ENGINE PUMP														
	6525050	SHAFT		1												
6E	6525095	SHAFT	1													
6E	124545	KEY, 1/8" X 5/8" WOODRUFF (12.9350)	1													
6E	112724	LOCKWASHER, 9/16" (12.9200)	1													
	117030	LOCKWASHER, 3/8" (12.9200)		1												
6E	122330	NUT, 9/16"-18 (12.9120)	1													
	117049	NUT, 3/8"-24		1												

12.6000D HYDRAULIC STARTER

PART FIG . . . NUMBER NAME AND DESCRIPTION			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
12.6602 - BEARING, HYDRAULIC ENGINE PUMP																
6E	903200	BEARING (N.D. 3200XR1A) (IN BODY)		1												
6E	954498	BEARING (N.D. 3202L1A) (IN HOUSING)		1												
6E	905203	BEARING (N.D. 5203X1A) (DOUBLE ROW)	1													
6E	907045	BEARING (N.D. 3203L1A) (SINGLE ROW) (2.7470)	1													
6E	6525084	SPACER (BEARING)	1													
12.6603 - SEAL, HYDRAULIC STARTER ENGINE PUMP OIL																
6E	6525056	SEAL		1												
6E	5128569	SEAL, OIL (7/8" I.D.)	1													
6E	6525083	SLEEVE (OIL SEAL)	1													
12.6607 - PISTON, HYDRAULIC STARTER ENGINE PUMP																
6E	6525054	PISTON	1	1												
12.6608 - SPRING, HYDRAULIC STARTER ENGINE PUMP PISTON																
6E	6525055	SPRING	1	1												
12.6610 - BEARING, HYDRAULIC STARTER ENGINE PUMP PISTON																
6E	457249	BEARING (NEEDLE)	1	1												
6E	6525075	RACE, BEARING	1	1												
6E	6525076	WASHER	1	1												
12.6611 - RING, HYDRAULIC STARTER ENGINE PUMP																
6E	6525087	RING, THRUST	1													
12.6615 - VALVE, HYDRAULIC STARTER ENGINE PUMP CHECK																
6E	6505025	VALVE ASSY. (INCLUDES BODY, SPRING AND BALL)	2	2												
6E	6525071	BAFFLE (SLOTTED HOLE)	3	3												
6E	6525060	RETAINER (PLUG)	2	2												

12.6000D HYDRAULIC STARTER

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		12.6620 - VALVE, HYDRAULIC STARTER ENGINE PUMP RELIEF														
6E	6525062	VALVE (PISTON)	1	1												
6E	6525102	SEAL RING (5/32" I.D.)	1	1												
6E	6525302	RING, BACK-UP (.281" O.D.)	1	1												
		12.6622 - SPRING, HYDRAULIC STARTER ENGINE PUMP RELIEF VALVE														
6E	6525079	SPRING (SMALL)	1	1												
6E	6525063	SPRING (LARGE)	1	1												
		12.6623 - SEAT, HYDRAULIC STARTER ENGINE PUMP RELIEF VALVE SPRING														
6E	6525078	SEAT (SMALL) 5/16" O.D.	1	1												
6E	6525070	SEAT (LARGE) 1/2" O.D.	1	1												
		12.6625 - PLUG, HYDRAULIC STARTER ENGINE PUMP RELIEF VALVE														
6E	6525061	PLUG	1	1												
6E	6525072	GASKET, PLUG	1	1												

12.6000D HYDRAULIC STARTER

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	12.6630	- PUMP ASSY., HYDRAULIC STARTER HAND														
	6505002	PUMP ASSY.	1													
	12.6633	- BODY, HYDRAULIC STARTER HAND PUMP														
6C,D	6525040	* BODY	1													
6C	6525089	PLUG (7/8"-18)	2													
	6525261	GASKET, PLUG	2													
6D	118755	ELBOW, 3/8" FL. TUBE 90 DEG. (12.9390)	1													
6D	9402864	ELBOW, 3/8" HYDRAULIC FL. TUBE 90 DEG. (12.9391)	1													
		* NOT SERVICED, REPLACE ENTIRE PUMP.														
	12.6635	- VALVE, HYDRAULIC STARTER HAND PUMP RELIEF														
6D	6525045	SCREW, RELIEF VALVE	1													
6D	104919	BALL, 5/16" DIA. STEEL (12.9670)	1													
6D	6525104	SEAL RING (7/32" I.D.)	1													
6D	272121	NUT, 7/16"-20 (12.9120)	1													
	12.6638	- PISTON, HYDRAULIC STARTER HAND PUMP														
6C	6525041	PISTON	1													
6C	6525111	SEAL RING (3/4" O.D.)	2													
6C	6525311	RING, BACK-UP (3/4" O.D.)	2													
	12.6640	- VALVE, HYDRAULIC STARTER HAND PUMP CHECK														
6D	104919	BALL, 5/16" DIA. STEEL (12.9670)	4													
6D	6525042	SPRING	4													
6D	6525046	PLUG, SPRING GUIDE	4													
6D	444606	PLUG, 1/16" PIPE (12.9550)	2													
	12.6643	- CAM, HYDRAULIC STARTER HAND PUMP														
6C	6525043	CAM	1													
6C	6525047	PIN, CAM	1													
	148150	SPRING, 3/8" RETAINER (12.9640)	2													
	12.6645	- BOOT, HYDRAULIC STARTER HAND PUMP CAM														
6C	6525048	BOOT	1													
6C	6525081	RING, BOOT RETAINER	1													

12.6000E HYDRAULIC STARTER ACCESSORIES

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES							
			2 6	5 2	6 7	6 8	6 9	7 5	8 6	
		12.6801 - FILTER ASSY., HYDRAULIC STARTER								
		INCLUDES ADAPTOR IN 12.6801 AND ELEMENT IN 12.6805.								
	854453	FILTER ASSY. (AC TYPE GF-50)	1	1	1	1	1	1	1	
	5120375	ADAPTOR, 1/4"X1/8" RED. PIPE (12.9570)	2	2	2	2	2	2	2	
		12.6805 - ELEMENT, HYDRAULIC STARTER FILTER								
	854454	ELEMENT (AC TYPE GF-144) (12.6697)	1	1	1	1	1	1	1	
		12.6808 - CYLINDER ASSY., MASTER REMOTE CONTROL								
		A CYLINDER ASSY. INCLUDES ITEMS IN 12.6810 THRU 12.6818.								
	5456712	@ CYLINDER ASSY.	1							
	8525200	# ADAPTOR	1							
	191758	FITTING, 1/8" GREASE	1							
	5137712	CONTROL ASSY. (HYDROSTARTER) @ NOT SERVICED, COMPONENTS ARE AVAILABLE. # NO LONGER AVAILABLE.				1				
		12.6810 - BODY ASSY., MASTER CYLINDER								
		INCLUDES BUSHING WHICH IS NOT SERVICED SEPARATELY.								
	5453733	# BODY ASSY. # NO LONGER AVAILABLE.	1							
		12.6812 - COVER, MASTER CYLINDER RESERVOIR								
	5456728	# COVER	1							
	45260	% SCREW, 1/4"-20	4							
		# NO LONGER AVAILABLE. % OBSOLETE.								
		12.6813 - GASKET, MASTER CYLINDER RESERVOIR COVER								
	5300973	GASKET	1							

12.6000E HYDRAULIC STARTER ACCESSORIES

PART		TYPES	
FIG	NUMBER	NAME AND DESCRIPTION	
		2 6	5 2
		2 8	6 7
		6 8	6 9
		7 5	8 6
12.6814 - PLUG, MASTER CYLINDER FILLER			
5300974	# PLUG	1	
5461893	# GASKET	1	
	# OBSOLETE.		
12.6815 - PISTON ASSY., MASTER CYLINDER OPERATING			
5456726	+ PISTON ASSY.	1	
5456723	+ SEAL ASSY., PISTON	1	
5451121	+ SPRING AND RETAINER ASSY. (PISTON)	1	
	+ OBSOLETE.		
12.6816 - VALVE ASSY., MASTER CYLINDER CHECK			
5456724	+ VALVE ASSY.	1	
	+ OBSOLETE.		
12.6817 - NUT ASSY., MASTER CYLINDER (END)			
5456727	- NUT ASSY.	1	
5450212	+ GASKET	1	
	+ OBSOLETE.		
12.6818 - ROD ASSY., MASTER CYLINDER PISTON PUSH			
5450454	+ ROD ASSY.	1	
231435	+ RETAINER	1	
5456720	- BOOT	1	
	+ OBSOLETE.		
12.6821 - SPRING, STARTER HANDLE RETURN			
6525199	SPRING	2	
12.6822 - PEDAL ASSY., HYDRAULIC STARTER REMOTE CONTROL			
5138994	+ PEDAL (UPPER ARM)	1	
3687985	+ ARM (LOWER)	1	
3692283	+ BUSHING RED.	1	
3692281	+ SPRING, RETAINER	1	
3692282	+ LOCK	1	

12.6000E HYDRAULIC STARTER ACCESSORIES

PART		TYPES							
FIG	NUMBER	NAME AND DESCRIPTION							
		2 6	2 8	5 2	6 7	6 8	6 9	7 5	8 6
12.6822 - PEDAL ASSY., HYDRAULIC STARTER REMOTE CONTROL (CONT'D)									
108629	PIN, 3/32"X7/8" COTTER (12.9250)	1							
596894	* BOLT, 3/8"-24X31/32" (12.6822)	1							
103341	WASHER, 3/8" (12.9190)	1							
103321	LOCKWASHER, 3/8" (12.9200)	1							
117049	NUT, 3/8"-24 (12.9120)	1							
122728	NUT, 3/8"-24 SLOTTED (12.9130)	1							
	+ OBSOLETE.								
	* NOT SERVICED, PROCURE PART 3907250 FROM CHEVROLET MOTOR DIVISION.								
12.6825 - FITTINGS KIT, HYDRAULIC STARTER									
5193720	FITTING KIT	AR	AR						
5196799	* RELIEF VALVE KIT	AR	AR		AR	AR			
5127830	VALVE ASSY., RELIEF (12.6970)	AR	AR		AR		AR		AR
	* REQUIRED WITH U.S. COAST GUARD INSPECTED ACCUMULATOR ASSY. IN 12.6570 AND IN ADDITION TO 5193720 FITTING KIT IN 12.6825.								
12.6827 - HOSE, HYDRAULIC STARTER (BULK) (LESS FITTINGS)									
5196704	HOSE, 1/4" X 24' (HIGH PRESS.) (12.8520)	AR	AR	AR				AR	AR
5196706	HOSE, 1/4" X 24' (LOW PRESS.) (12.8520)	AR	AR	AR				AR	AR
5196705	HOSE, 3/8" X 24' (HIGH PRESS.) (12.8520)	AR	AR	AR				AR	AR
5196707	HOSE, 3/8" X 24' (LOW PRESS.) (12.8520)	AR	AR	AR				AR	AR
5196708	HOSE, 5/8" X 24' (LOW PRESS.) (12.8520)	AR	AR	AR				AR	AR
105405	NIPPLE, 1/4"X7/8" PIPE (12.9560)	1	1	1				1	1
443981	NIPPLE, 3/8"X1 13/32" PIPE (12.9560)	2	2	2				2	2
144083	TEE, 1/4" PIPE (12.9616)	1	1	1				1	1
454122	TEE, 3/8" PIPE (12.9616)	1	1	1				1	1
118332	BUSHING, 3/8"X1/4" RED. PIPE (12.9570)	1	1	1				1	1
5194856	CROSS (4 WAY) (3/8" INT. P.T.) (12.6570)	1	1	1				1	1
5194857	ELBOW (3/8" INV. FL. TUBE 90 DEG.) (12.6570)	2	2	2	2			2	2
1566992	@ MEDALLION (7.4099)							1	
5175547	@ BRACKET (7.4020)							1	
120614	@ NUT, #10-32 (12.9120)							1	
	@ NOT USED WHEN BATTERY CHARGING GENERATOR IS SPECIFIED.								

12.6000E HYDRAULIC STARTER ACCESSORIES

PART		TYPES																
FIG	NUMBER	NAME AND DESCRIPTION	2 6	2 8	5 2	6 7	6 8	6 9	7 5	8 6								
		12.6830 - HOSE, HYDRAULIC STARTER RESERVOIR TO FILTER																
	5113689	# HOSE, 3/8" I.D. X 15" L						1										
	118755	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9390)						3										
	5113191	CONNECTOR, 3/8" TUBE (5/8"-18 INT. THRD.) (12.6692)						2										
	118750	CONNECTOR, 3/8" FL. TUBE, 1/4" P.T. (12.9360)						1										
	144083	TEE, 1/4" PIPE (12.9616) # STD. LENGTH HOSE; CUT TO LENGTH SHOWN.						1										
		12.6832 - HOSE, HYDRAULIC STARTER RESERVOIR TO HAND PUMP																
	5113689	# HOSE (3/8" I.D. X 28 1/2" L)				1												
	5113689	# HOSE (3/8" I.D. X 34" L)						1										
	5113191	CONNECTOR, 3/8" TUBE (5/8"-18 INT. THRD.) (12.6692) # STD. LENGTH HOSE; CUT TO LENGTH SHOWN.				2		2										
		12.6840 - HOSE, HYDRAULIC STARTER FILTER TO ENGINE PUMP																
	5113689	# HOSE (3/8" I.D. X 39 1/2" L)				1												
	5113689	# HOSE (3/8" I.D. X 20" L)						1										
	5113191	CONNECTOR, 3/8" TUBE (5/8"-18 INT. THRD.) (12.6692)				1		2										
	5113214	FITTING, 1/4"-18 HOSE (12.6689) # STD. LENGTH HOSE; CUT TO LENGTH SHOWN.				1												
		12.6845 - HOSE, HYDRAULIC STARTER FILTER TO HAND PUMP																
	5113689	* HOSE, 3/8" I.D. X 6 1/2" L				1												
	5129867	* HOSE, 1/4" I.D. X 38" L (4.3020)						1										
	5111277	CONNECTOR, 1/4" FL. HOSE, 7/16"-20 INT. THRD. (8.1017)						2										
	5113191	CONNECTOR, 3/8" TUBE (5/8"-18 INT. THRD.) (12.6692)				1												
	5113214	FITTING, 1/4" HOSE (12.6689) * STD. LENGTH HOSE; CUT TO LENGTH SHOWN.				1												

12.6000E HYDRAULIC STARTER ACCESSORIES

PART		TYPES																	
FIG	NUMBER	NAME AND DESCRIPTION	2 6	5 2	6 7	6 8	6 9	7 5	8 6										
	12.6850	HOSE, HYDRAULIC STARTER ENGINE PUMP TO ACCUMULATOR																	
5141710		HOSE (1/4"X57") (HIGH PRESS.) (2.8910)				1													
5118420		HOSE (1/4"X44") (HIGH PRESS.) (12.6687)						1											
142884		ELBOW, 5/16" TUBE 90 DEG. (12.9390)						1											
5128395		ELBOW, 5/16" INV. FL. TUBE (7.4596)			1														
9402864		ELBOW, 3/8" FL. TUBE 90 DEG. (12.9391)			1														
143341		ELBOW, 5/8" FL. TUBE 45 DEG. (12.9480)						1											
110200		CONNECTOR, 5/16" FL. TUBE 1/4" P.T. (12.9380)			1														
9402747		CONNECTOR, 3/8" FL. TUBE 90 DEG. (12.6840)			1														
	12.6855	TUBE, HYDRAULIC STARTER HAND PUMP TO ACCUMULATOR																	
5141712		HOSE (1/4"X30") (HIGH PRESS.)			2			1											
454109		ELBOW, 1/4" STREET 90 DEG. (12.9590)						1											
5194857		ELBOW (3/8" FL. TUBE 90 DEG.) (12.6570)			2														
118755		ELBOW (3/8" FL. TUBE 90 DEG.) (12.9390)			2														
443981		NIPPLE, 3/8"X1 13/32" PIPE (12.9560)			2			1											
9403020		TEE, 3/8" PIPE 90 DEG. (12.6855)			1														
444096		COUPLING, 1/4"-18 AUTO. (12.9580)			1														
	12.6860	TUBE, HYDRAULIC STARTER ACCUMULATOR TO HYDRAULIC STARTER																	
5141711		HOSE (1/4"X7") (HIGH PRESS.)			1														
5141713		HOSE (3/8"X9 1/2") (HIGH PRESS.)			1														
5142185		HOSE (3/8"X16 1/4") (HIGH PRESS.)						1											
5141715		HOSE (3/8"X30") (HIGH PRESS.)			1														
5141714		HOSE (3/8"X37") (HIGH PRESS.)			1														
109429		ELBOW, 1/4" FL. TUBE 90 DEG. (12.9390)			1														
105423		ELBOW, 1/4" STREET 90 DEG. (12.9590)			1														
9402865		ELBOW, 1/2" TUBE 90 DEG.			2			1											

12.6000E HYDRAULIC STARTER ACCESSORIES

PART ..FIG .. NUMBER	NAME AND DESCRIPTION	TYPES							
		2 6	2 8	5 2	6 7	6 8	6 9	7 5	8 6
12.6860	- TUBE, HYDRAULIC STARTER ACCUMULATOR TO HYDRAULIC STARTER (CONT'D)								
105417	TEE, 1/4" PIPE (12.9616)				1				
454122	TEE, 3/8" PIPE (12.9616)				3				
454146	TEE, 3/8" PIPE (12.9490)						2		
116332	BUSHING, 3/8"X1/4" RED. (12.9570)				1		3		
5194856	CROSS (4 WAY, 3/8" INT. P.T.) (AT ACCUMULATOR) (12.6570)						1		
105407	NIPPLE, 1/4"X1 1/2" PIPE (12.9560)				1				
12.6865	- HOSE, HYDRAULIC STARTER TO RESERVOIR								
5135293	* HOSE, 5/8" I.D. X 29" L (2.5060)				1				
5135293	* HOSE, 5/8" I.D. X 46 1/2" L (2.5060)						1		
5113192	CONNECTOR, 5/8" FL HOSE, 7/8"-14 INT. THRD. (12.6689)				2		1		
5132237	FITTING, 5/8" I.D. HOSE (2.6005) * STD. LENGTH HOSE; CUT TO LENGTH SHOWN.						1		
12.6875	- HOSE, MASTER CYLINDER TO REMOTE CONTROL VALVE								
2331112	HOSE, 19 1/2" L	1							
118748	CONNECTOR, 1/4" FL TUBE, 1/8" P.T. (12.9380)	1							
12.6880	- HOSE, HYDRAULIC STARTER RELIEF VALVE								
5142184	HOSE, 1/4" I.D. X 19 1/2" L						1		
5129867	* HOSE, 1/4" I.D. X 28 1/2" L (7.4075)				1				
5189294	FITTING, 1/2"-20 HOSE (5.7100)				1				
5113322	FITTING, 1/2"-20 HOSE (2.5215)				1				
5111277	CONNECTOR, 1/4" FL HOSE, 7/16"-20 INT. THRD. (8.1017)				1				
9402708	CONNECTOR, 3/8" INV. FL. TUBE						1		
9402825	ELBOW, 3/8" INV. FL. TUBE 45 DEG. * STD. LENGTH HOSE; CUT TO LENGTH SHOWN.						1		
12.6950	- HOSE, HYDRAULIC STARTER FUEL PRIMER								
5141171	% HOSE, 8 1/2" L				1				
5139083	@ HOSE, 16" L				1				
5129867	* HOSE, 35" L (7.4075)						1		

12.6000E HYDRAULIC STARTER ACCESSORIES

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES							
			2 6	2 8	5 2	6 7	6 8	6 9	7 5	8 6
	12.6950	HOSE, HYDRAULIC STARTER FUEL PRIMER (CONT'D)								
	5111277	CONNECTOR, 1/4" FL. HOSE, 7/16"-20 INT. THRD. (8.1017)						1		
	442323	CONNECTOR, 5/16" INV. FL. TUBE (12.9460)				1				
	118753	ELBOW, 1/4" FL. TUBE 90 DEG., 1/8" P.T. (12.9390)						2		
	225815	ELBOW, 5/16" INV. FL. TUBE 90 DEG. (12.9480)				1				
	5104778	TEE, 3/8" INV. FL. TUBE (7.4694)				2				
	5113322	FITTING, 1/2"-20 HOSE (2.5215)						1		
	444692	PLUG, 1/4" PIPE (12.9550)				1		1		
	5114551	TAG, CABLE (7.4545)						4		
	@ NOT SERVICED, FOR REPLACEMENT USE BULK HOSE 5199575 AND INCLUDE (1) EACH OF 5199584, 5199583 FITTING, (1) 2488022 CLIP AND SD-29.									
	* STD. LENGTH HOSE; CUT TO LENGTH SHOWN.									
	% NOT SERVICED, FOR REPLACEMENT USE BULK HOSE 5199575 AND INCLUDE (1) EACH OF 5199584, 5199592 FITTINGS AND PRINT OF SD-29.									

DETROIT DIESEL

53 MPC ENGINES

12.8000A SUPPLIES

PART		COLUMN											
FIG	NUMBER	NAME AND DESCRIPTION	5										
	12.8001	PAINT, ENGINE TOUCH-UP											
	5194974	PAINT (ALPINE GREEN) (12 OZ. SPRAY CAN)	AR										
	5194975	PAINT (ALPINE GREEN) (1 GALLON)	AR										
	12.8050	CARTON, ENGINE PART											
	5149669	CONTAINER, INJECTOR	AR										
	12.8110	LUBRICATING COMPOUND (THREAD)											
	5198563	INTERNATIONAL COMPOUND #2 (1 QUART)	AR										

12.8000B FABRICATION MATERIAL

PART		COLUMN										
FIG	NUMBER	NAME AND DESCRIPTION	5									
	12.8500	CABLE, FLEXIBLE SHAFT										
	1567887	CABLE (500' SPOOL)	AR									
	5197357	SHAFT ASSY., FLEX. (30"L.) (WHITE DENTAL TYPE RY-18-4) (2.7012)	AR									
	12.8502	CASING, FLEXIBLE SHAFT										
	1567876	CASING (50' ROLL)	AR									
	12.8506	TIP, FLEXIBLE SHAFT LOWER										
	1567897	TIP (TL-4)	AR									
	12.8508	TIP, FLEXIBLE SHAFT UPPER										
	1567903	TIP (TU-2)	AR									
	1567904	TIP (TU-3)	AR									
	12.8510	WASHER, FLEXIBLE SHAFT TIP RETAINING										
	1567907	* WASHER (LOWER)	AR									
	1568533	WASHER (UPPER)	AR									
		* OBSOLETE										
	12.8512	SPRING, FLEXIBLE SHAFT CASING										
	1568529	SPRING (SP-2)	AR									
	1568530	SPRING (SP-3)	AR									
	12.8514	FERRULE AND NUT, FLEXIBLE SHAFT CASING										
	1567877	FERRULE AND NUT (FE-1) (7/8"-18)	AR									
	1568211	FERRULE AND NUT (FE-48) (5/8"-18)	AR									
	845086	# NUT (7/8"-18)	AR									
	1535497	# FERRULE	AR									
		# ITEMS USED TOGETHER.										
	12.8516	LUBRICANT, FLEXIBLE SHAFT CABLE										
	158173	* LUBRICANT	AR									
		* OBSOLETE										

12.8000B FABRICATION MATERIAL

PART		COLUMN											
FIG	NUMBER	NAME AND DESCRIPTION	5										
	12.8518	STAKING AND SWAGING TOOL, FLEXIBLE SHAFT											
1582493		TOOL, CABLE STAKING	AR										
1582476		TOOL, SWAGING	AR										
	12.8520	HOSE, HYDRAULIC STARTER FLEXIBLE (BULK)											
5195704		HOSE, 1/4" I.D. X 24' (HIGH PRESSURE)	AR										
5195706		HOSE, 1/4" I.D. X 24' (LOW PRESSURE)	AR										
5195705		HOSE, 3/8" I.D. X 24' (HIGH PRESSURE)	AR										
5195707		HOSE, 3/8" I.D. X 24' (LOW PRESSURE)	AR										
5195708		HOSE, 5/8" I.D. X 24' (LOW PRESSURE)	AR										
	12.8550	HOSE, FLEXIBLE (BULK)											
		NOTE: USE WITH FITTINGS IN 12.8552 AND CLIP IN 12.8554.											
5199575		HOSE, #6 X 25'	AR										
5199576		HOSE, #8 X 25'	AR										
5199578		HOSE, #12 X 25'	AR										
	12.8552	FITTINGS, FLEXIBLE HOSE END											
		NOTE: USE WITH HOSE IN 12.8550.											
5199584		FITTING, #6 HOSE (1/4" MALE PIPE) (STRAIGHT)	AR										
5199585		FITTING, #8 HOSE (3/8" MALE PIPE) (STRAIGHT)	AR										
5199583		FITTING, #6 HOSE (1/2"-20 MALE INV. FL.) (STRAIGHT)	AR										
5199597		FITTING, #6 HOSE (1/2"-20 MALE INV. FL.) (STRAIGHT)	AR										
5199592		FITTING, #6 HOSE (1/2"-20 MALE INV. FL.) (STRAIGHT)	AR										
5199739		FITTING, #6 HOSE (1/2"-20 STRAIGHT SWIVEL)	AR										
5199579		FITTING, #6 HOSE (5/8"-18 MALE INV. FL.) (STRAIGHT)	AR										
5199593		FITTING, #6 HOSE (5/8"-18 MALE INV. FL.) (45 DEG.)	AR										
5199588		FITTING, #6 HOSE (5/8"-18 MALE INV. FL.) (90 DEG.)	AR										
5199737		FITTING, #6 HOSE (5/8"-18 STRAIGHT SWIVEL)	AR										

12.8000B FABRICATION MATERIAL

PART		COLUMN											
FIG	NUMBER	NAME AND DESCRIPTION	5										
	12.8552	FITTINGS, FLEXIBLE HOSE END (CONT'D)											
5199580		FITTING, #8 HOSE (3/4"-18 MALE INV. FL.) (STRAIGHT)	AR										
5199594		FITTING, #8 HOSE (3/4"-18 INV. FL.) (45 DEG.)	AR										
5199589		FITTING, #8 HOSE (3/4"-18 INV. FL.) (90 DEG.)	AR										
5199738		FITTING, #8 HOSE (3/4"-16 STRAIGHT SWIVEL)	AR										
5144522		FITTING, #12 HOSE (1 1/16"-14 FEMALE SWIVEL)	AR										
	12.8554	CLIP, FLEXIBLE HOSE											
		NOTE: ONE (1) CLIP IS REQUIRED FOR EACH 18" OF HOSE CUT LENGTH.											
2488022		CLIP, #6 HOSE (NEOPRENE COATED)	AR										
2362448		CLIP, #8 HOSE (NEOPRENE COATED)	AR										
5147599		CLIP, #8 HOSE (LONG SHANK)	AR										
	12.8565	FLYWHEEL, CASTING											
		REFER TO PARTS INFORMATION BULLETIN NO.95 SECTION 2.											
5149152		FLYWHEEL, CASTING	AR										
5149203		FLYWHEEL, CASTING	AR										
5149205		FLYWHEEL, CASTING	AR										

DETROIT DIESEL

53 MPC ENGINES

12.8000C SERVICE KITS

FIG PART
NUMBER NAME AND DESCRIPTION

COLUMN

12.8715 - LUBE OIL KIT

5149351 * KIT, LUBE OIL
* INCLUDES (1) FILTER ADAPTOR AND
(12) SPIN ON ELEMENTS.

5

AR

DETROIT DIESEL

53 MPC ENGINES

12.8000D MISCELLANEOUS SERVICE PARTS

PART		COLUMN											
..FIG ..	NUMBER	NAME AND DESCRIPTION	A										
	12.8801	- MISCELLANEOUS SERVICE PARTS—SECTION 1											
	5149721	KIT, REPLACEMENT CYLINDER (1.6182)	AR										
	5149734	KIT, REPLACEMENT CYLINDER (1.6182)	AR										
	5149735	KIT, REPLACEMENT CYLINDER (1.6182)	AR										
	5149315	KIT, REPLACEMENT CYLINDER (1.6182)	AR										
	5198899	KIT, REPLACEMENT CYLINDER (1.6182)	AR										
	5198903	KIT, REPLACEMENT CYLINDER (1.6182)	AR										
	5198904	KIT, REPLACEMENT CYLINDER (1.6182)	AR										
	5198905	KIT, REPLACEMENT CYLINDER (1.6182)	AR										
	5199116	KIT, REPLACEMENT CYLINDER (1.6182)	AR										