

2.1000A FUEL INJECTOR

			TYPES													
FIG	PART NUMBER	NAME AND DESCRIPTION	1 5 7	1 6 0	1 6 1	1 6 2	1 7 0	1 7 9	1 9 1	2 1 3	2 2 6	2 2 7	2 2 8	2 2 9	2 3 0	2 3 1
		2.1170 - RACK ASSY., INJECTOR														
B	5226719	RACK	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		2.1180 - GEAR, INJECTOR														
B	5226400	GEAR	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		2.1190 - RETAINER, INJECTOR GEAR														
B	5228586	RETAINER	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		2.1200 - VALVE, INJECTOR CHECK														
B	5228694	VALVE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		2.1205 - CAGE, INJECTOR CHECK VALVE														
B	5228696	CAGE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		2.1235 - TIP ASSY., INJECTOR SPRAY														
		COMPONENTS OF TIP ASSY. ARE NOT SOLD SEPARATELY.														
3	5229034	TIP ASSY. (M60, M65, M70, N40, N45, N50, N35, M40, M55)				1										
3	5229030	TIP ASSY. (N65, 5A50, 5A55, 5A60, 5A65, 5E50, 5E55, 5E60)	1	1	1				1		1	1	1			
3	5229192	TIP ASSY. (5N65)					1									
3	5229026	TIP ASSY. (L40, 5N45)						1		1						
3	5226404	TIP ASSY. (5C50, 5C55, 5C60)													1	1
		2.1238 - VALVE KIT, INJECTOR														
		INCLUDES ITEMS IN 2.1250 AND 2.1255.														
	5228769	VALVE KIT (SHORT QUILL NEEDLE)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
		2.1250 - SPRING, INJECTOR VALVE														
1	5228596	SPRING	1	1	1	1	1	1	1	1			1		1	
1	5226359	SPRING (HIGH OUTPUT)									1	1		1		1
		2.1255 - SEAT, INJECTOR VALVE SPRING														
1	5228766	SEAT	1	1	1	1	1	1	1	1			1		1	
1	5226246	SEAT (HIGH OUTPUT)									1	1		1		1
		2.1257 - CAGE, INJECTOR VALVE SPRING														
	5228594	CAGE	1	1	1	1	1	1	1	1	1	1	1	1	1	1

DETROIT DIESEL

53 MPC ENGINES

2.1000A FUEL INJECTOR

			TYPES											
PART			1	1	1	1	1	1	2	2	2	2	2	2
.FIG . . . NUMBER NAME AND DESCRIPTION			5	6	6	7	7	9	2	2	2	2	3	3
			7	0	2	0	9	1	1	8	7	8	9	1
2.1270 - CLAMP, INJECTOR														
1B	5121259	CLAMP	1	1	1	1	1	1	1	1	1	1	1	1
1B	5150250	WASHER	1	1	1	1	1	1	1	1	1	1	1	1
1B	179847	BOLT, 3/8"-16X2" (12.9001)	1	1	1	1	1	1	1	1	1	1	1	1

2.1000A FUEL INJECTOR

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2	4	2	2	7	7					
		2.1001 - INJECTOR ASSY.											
		QUANTITIES SHOWN ARE PER CYLINDER.											
	5226440	INJECTOR ASSY. (7N65)	1										
	5226790	INJECTOR ASSY. (5A68)				1							
		2.1002 - SERVICE KIT, INJECTOR											
		OVERHAUL KIT CONSISTS OF ONE (1)											
		SEAL RING, TWO (2) FILTER CAP											
		GASKETS, TWO (2) FILTER ELEMENTS AND											
		TWO (2) SHIPPING CAPS.											
	5229649	OVERHAUL KIT	AR			AR							
		2.1010 - CONTAINER, INJECTOR SHIPPING											
	5149669	CONTAINER (12.8050)	AR			AR							
		2.1020 - BODY ASSY., INJECTOR											
B	5228583	BODY ASSY.	1										
B	5228584	BODY ASSY.				1							
B	5226416	DOWEL	1			1							
B	5226912	PLUG, BODY	2			2							
B	5226241	TAG, NUMBER (7N65)	1										
B	5226664	TAG, NUMBER (5A68)				1							
		2.1030 - NUT, INJECTOR VALVE											
B	5228601	NUT	1			1							
		2.1040 - RING, INJECTOR SEAL											
3	5229167	RING	1			1							
		2.1050 - DEFLECTOR, INJECTOR SPILL											
3	5228109	DEFLECTOR	1			1							
		2.1060 - FOLLOWER, INJECTOR											
3	5228104	FOLLOWER	1			1							
		2.1080 - SPRING, INJECTOR PLUNGER											
3	5228739	SPRING	1			1							
		2.1100 - PIN, INJECTOR STOP											
3	5228608	PIN	1			1							

2.1000A FUEL INJECTOR

PART		NAME AND DESCRIPTION	TYPES											
..FIG	NUMBER		2	4	2	7	7							
		2.1110 - ELEMENT, INJECTOR FILTER												
1B	5228587	ELEMENT	1	1										
		2.1130 - CAP, INJECTOR FILTER												
1B	5228588	CAP	2	2										
		2.1140 - GASKET, INJECTOR FILTER CAP												
1B	5226186	GASKET	2	2										
		2.1150 - CAP, INJECTOR SHIPPING												
1B	5226414	CAP	AR	AR										
		2.1160 - PLUNGER AND BUSHING ASSY., INJECTOR												
1B	5226298	PLUNGER AND BUSHING ASSY. (7N65)	1											
1B	5228682	PLUNGER AND BUSHING ASSY. (5A68)		1										
		2.1165 - PIN, BUSHING GUIDE												
	5226393	PIN	1	1										
		2.1170 - RACK ASSY., INJECTOR												
1B	5226719	RACK	1	1										
		2.1180 - GEAR, INJECTOR												
1B	5226400	GEAR	1	1										
		2.1190 - RETAINER, INJECTOR GEAR												
1B	5228586	RETAINER	1	1										
		2.1200 - VALVE, INJECTOR CHECK												
1B	5228694	VALVE	1	1										
		2.1205 - CAGE, INJECTOR CHECK VALVE												
1B	5228696	CAGE	1	1										
		2.1235 - TIP ASSY., INJECTOR SPRAY												
		COMPONENTS OF TIP ASSY. ARE NOT SOLD SEPARATELY.												
	5229192	TIP ASSY. (7N65, 5A68)	1	1										

2.1000A FUEL INJECTOR

			TYPES									
FIG	PART NUMBER	NAME AND DESCRIPTION	2 4 2	2 7 7								
		2.1238 - VALVE KIT, INJECTOR										
	5228769	VALVE KIT (SHORT QUILL NEEDLE)	AR	AR								
		2.1250 - SPRING, INJECTOR VALVE										
B	5228596	SPRING	1									
B	5226359	SPRING (HIGH OUTPUT)		1								
		2.1255 - SEAT, INJECTOR VALVE SPRING										
B	5228766	SEAT	1									
B	5226246	SEAT (HIGH OUTPUT)		1								
		2.1257 - CAGE, INJECTOR VALVE SPRING										
B	5228594	CAGE	1	1								
		2.1270 - CLAMP, INJECTOR										
	5121259	CLAMP	1	1								
	5150250	WASHER	1	1								
	179847	BOLT, 3/8"-16X2" (12.9001)	1	1								

2.2000 FUEL PUMP

PART		TYPES													
..FIG ..	NUMBER	NAME AND DESCRIPTION	3 3	3 4	3 6	3 9	4 1	4 2	4 3	4 6	4 7	5 0	5 4	5 8	6 0
2.2001 - PUMP ASSY., FUEL															
SEE ASSEMBLY BREAKDOWN AS INDICATED BELOW. A FUEL PUMP KIT INCLUDES A 3/8" INLET PUMP, GASKET IN 2.2007 AND REDUCING BUSHING IN 2.2030.															
2A	5184531	# PUMP ASSY., 2,3,4-53 (C,D ENG.) (GEAR TYPE) (1/4" INLET) (PAGE A1)	1		1					1					
2A	5134705	# PUMP ASSY., 2,3,4-53 (C,D ENG.) (GEAR TYPE) (3/8" INLET) (PAGE A1)	1		1					1					
	5198318	& PUMP KIT, FUEL 2,3,4-53 (C,D ENG.) (PAGE D1) (5199560)	1		1					1					
2A	5184532	# PUMP ASSY., 2,3,4-53 (A,B ENG.) (GEAR TYPE) (1/4" INLET) (PAGE A1)			1										
2A	5134706	# PUMP ASSY., 2,3,4-53 (A,B ENG.) (GEAR TYPE) (3/8" INLET) (PAGE A1)			1										
	5198876	& PUMP KIT, FUEL 2,3,4-53 (A,B ENG.) (PAGE D1) (5199561)			1										
2A	5109017	# PUMP ASSY., 3,4,6,8V53 (R.H.) (1/4" INLET) (PAGE A1)					1				1				
	5197769	% PUMP KIT, FUEL 3,4,6,8V53 (R.H.) (PAGE D1) (5199561) (0)					1				1				
2A	5126529	# PUMP ASSY., 6,8V53 (L.H.) (1/4" INLET) (PAGE A1)						1	1						
	5198729	# PUMP KIT, FUEL 6,8V53 (L.H.) (PAGE D1) (5199560)						1	1						
2A	5111367	# + PUMP ASSY., 2,3,4-53 (A,B ENG.) (GEAR TYPE) (1/4" INLET) (PAGE A1)													1
2A	5134714	# + PUMP ASSY., 2,3,4-53 (A,B ENG.) (GEAR TYPE) (3/8" INLET) (PAGE A1)													1
	5198875	& + PUMP KIT, FUEL 2, 3, 4-53 (A, B ENG.) (PAGE D1) (5199561)													1
2A	5128212	% PUMP ASSY., 6V53 (R.H.) (3/8" INLET) (PAGE B1)				1									
2A	5108519	# PUMP ASSY., 6V53 (R.H.) (1/4" INLET) HIGH CAPACITY (PAGE B1)										1			
	5199734	PUMP KIT, 6, 8V53 (PAGE D1)										1			
	5172926	@ PUMP ASSY., 6V53 (AUX.) (TUTHILL #00L1, C. C. W.)											1		
	5172938	* PUMP ASSY., 2,3,4-53 (PRIMER) (DEMING #RR 3801 1/2)											1		
	5101092	= PUMP ASSY., 2,3,6V53 (TUTHILL #00LA, CW1CCW)											1		
	5131476	? PUMP ASSY., 4, 6V53 (TITAN #4101-B-63C) (C.W.)												1	
C0384		MOTOR, ELECTRIC FUEL BOOSTER PUMP DRIVE, 24V.												1	
8924166		BUSHING, 3/4"X1/4" RED. (12.9570)												1	
8924159		BUSHING, 3/4"X3/8" RED. (12.9570)												1	
8924380		PLUG, 3/8" PIPE (12.9550)	1	1	1	1				1		1			1
189929		ELBOW, 3/8"-90 DEG. X 1/4" NPT. (12.9480)					1								
179816		BOLT, 5/16"-18X3/4" (12.9001)			3										
5131685		BOLT, 5/16"-18X3/4" (WITH NYLON INSERT (5.1031)	3	3		3	3	3	3	3	3	3			3
181374		BOLT, 3/8"-24X1 1/2" (12.9001)											2		
180147		BOLT, 7/16"-14X1 1/4" (12.9001)											2		
103320		LOCKWASHER, 5/16" (12.9200)			3								2		
103321		LOCKWASHER, 3/8" (12.9200)											2		
103322		LOCKWASHER, 7/16" (12.9200)											2		
442826		NUT, 5/16"-24 LOCK (12.9140)												4	
117049		NUT, 3/8"-24 (12.9120)											2		

2.2000 FUEL PUMP

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		3 3	3 4	3 6	3 9	4 1	4 2	4 3	4 6	4 7	5 0	5 4	5 8	6 0
	2.2001 - PUMP ASSY., FUEL (CONT'D)													
	# NOT SERVICED; COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE PUMP KIT SHOWN IN SAME TYPE.													
	& NOT SERVICED; COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE PART NUMBER SHOWN IN PARENTHESES.													
	% NOT SERVICED; COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE PUMP ASSEMBLY AND QUANTITY OF 892438 0 SHOWN IN PARENTHESES.													
	+ USE WHEN FUEL TANK IS MOUNTED HIGHER THAN FUEL PUMP.													
	= SERVICED AS ASSEMBLY ONLY. FOR REPLACEMENT PARTS, CONTACT TUTHILL PUMP CO., CHICAGO, ILLINOIS. FURNISHING THEIR PART NUMBER SHOWN IN PARENTHESES.													
	*SERVICED AS ASSEMBLY ONLY. FOR REPLACEMENT PARTS, CONTACT DEMING CO., SALEM, OHIO. FURNISHING THEIR PART NUMBER SHOWN IN PARENTHESES.													
	@ NOT SERVICED. USE 5101092 PLUS (2) 5146393 BUSHING IN 2.2001.													
	% NOT SERVICED, USE COMPONENTS.													
	? ASSEMBLY SERVICED ONLY. FOR REPLACEMENT PARTS CONTACT TITAN PUMP & ENG. CORP., 43600 GRAND RIVER, NOVI, MICHIGAN.													
	2.2004 - OVERHAUL KIT, FUEL PUMP													
	5195078 * OVERHAUL KIT, 2,3,4,6,8V53 (1/4" DRIVEN GEAR)	AR	AR	AR		AR	AR	AR	AR	AR				AR
	5149599 * OVERHAUL KIT, 6,8V53 (3/8" DRIVEN GEAR)										AR			
	* INCLUDES ITEMS IN 2.2007, 2.2070, 2.2089, 2.2093, 2.2130, 2.2160 AND 2.2180.													
	2.2007 - GASKET, FUEL PUMP TO ENGINE													
A	5150193 GASKET, 2,3,4,6,8V53 (5.1010)	1	1	1	1	1	1	1	1	1	1			1
	5172915 GASKET, 2,3,4,6V53											1		
	2.2220 - FORK, FUEL PUMP COUPLING													
A	5121398 FORK, 2,3-53			1										
A	5102257 FORK, 3,4,6,8V53				1	1	1	1	1	1	1			
	2.2228 - DISC, FUEL PUMP DRIVE													
	5153449 # & DISC, 2,3,4,6V53 (23 TEETH) (1.7630)												1	
	5131627 # DISC, 2,3,4,6V53 (21 TEETH) (1.7630)												1	
	5177026 SPACER (1.7630)												1	
	5140814 SPACER (12.5015)								1					
	5122922 RETAINER (1.7207)								2	2				

2.2000 FUEL PUMP

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		3 3	3 4	3 6	3 9	4 1	4 2	4 3	4 6	4 7	5 0	5 4	5 8	6 0
	2.2228 - DISC, FUEL PUMP DRIVE (CONT'D)													
	5122923												1	
	5176474												3	
	124925												1	
	9413533												1	
	# THRU 2D-16248, 3D-14315, 4D-17425, 6D-7991.													
	& NOT SERVICED, SUPERSEDED BY 5131627 PLUS (1) 5143616 COUPLING FOR ALL USAGE EXCEPT GENERATOR DRIVES USING MATING SHAFT 5168697. USE 5131627 PLATE AND 5122876 SHAFT FOR GENERATOR DRIVES.													
	2.2230 - COUPLING, FUEL PUMP DRIVE													
	5143616												1	
2A	5154216													
	3292492												1	
	# THRU 2D-16248, 3D-14315, 4D-17425, 6D-7991.													
	2.2235 - PLATE, FUEL PUMP MOUNTING													
2C	5121050					1			1	1	1			
2C	5125179											1		
2C	179857					1			1	1	1			
2C	179858												1	
2C	179882					4			4	4	4	4	4	
	5150568					1			1	1	1	1		
2C	103323					4			4	4	4	4	4	
	2.2237 - GASKET, FUEL PUMP MOUNTING PLATE													
2C	5104506					1			1	1	1	1		
	2.2260 - ADAPTOR, FUEL PUMP DRIVE													
2C	5127266					1			1	1	1			
2B	5125775						1	1						
2B	9409073						2	2						
2C	9409131										2			
2C	9409035								2	2				
	2.2290 - GEAR, FUEL PUMP DRIVE													
	A GEAR ASSY. INCLUDES BUSHING.													
2B	5125768					1	1							
2B	5125767							1						
	5172916											1		
2B	5196842					1	1	1						
	106958												1	
	140881										1	1		

2.2000 FUEL PUMP

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	33	34	36	39	41	42	43	46	47	50	54	58	60
2.2292 - HUB, FUEL PUMP DRIVE GEAR															
2B	5125774	HUB, 6,8V53					1	1	1						
2B	9409203	BOLT, 1/2"-13X2 3/4" (12.9001)					1	1	1						
2B	5125771	WASHER, THRUST (INNER)					2	2	2						
2B	5126672	WASHER, RETAINER					1	1	1						

2.2000 FUEL PUMP

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		6 2	6 6	6 7	6 8	7 0	7 2	7 3	7 4	7 8	7 9	8 0	8 2
2.2001 - PUMP ASSY., FUEL													
SEE ASSEMBLY BREAKDOWN AS INDICATED BELOW. A FUEL PUMP KIT INCLUDES A 3/8" INLET PUMP, GASKET IN 2.2007 AND REDUCING BUSHING IN 2.2030.													
	5198318	@ PUMP KIT, FUEL 2,3,4-53 (C,D ENG.) (PAGE D1) (5199560)				1							
2A	5184532	# PUMP ASSY., 2,3,4-53 (A,B ENG.) (GEAR TYPE) (1/4" INLET) (PAGE A1)		1									
	5198876	@ PUMP KIT, FUEL 2,3,4-53 (A,B ENG.) (PAGE D1) (5199561)		1									
2A	5134716	# PUMP ASSY., 3,4,6,8V53 (R.H.) (3/8" INLET) (PAGE A1)							1				
	5197769	& PUMP KIT, FUEL 3,4,6,8V53 (R.H.) (PAGE D1) (5199561) (O)							1				
2A	5134717	# PUMP ASSY., 6,8V53 (L.H.) (3/8" INLET) (PAGE A1)					1					1	1
	5198729	@ PUMP KIT, FUEL 6,8V53 (L.H.) (PAGE D1) (5199560)					1					1	1
2A	5111366	# % PUMP ASSY., 2,3,4-53 (C, D ENG.) (GEAR TYPE) (1/4" INLET) (PAGE B1)	1										
2A	5134715	# % PUMP ASSY., 2,3,4-53 (C,D ENG.) (GEAR TYPE) (3/8" INLET) (PAGE B1)	1										
	5198874	% @ PUMP KIT, FUEL 2, 3, 4-53 (C, D ENG.) (5199560) (PAGE D1)	1										
2A	5134703	# PUMP ASSY., 6,8V53 (R.H.) (3/8 INLET) HIGH CAPACITY (PAGE B1)						1		1			
2A	5136276	@ PUMP ASSY., 8V53 (L.H.) (3/8" INLET) (PAGE B1) (5199560)											1
	5172926	+ PUMP ASSY., 6V53 (AUX.) (TUTHILL #00L1, C. C. W.)				1							
	5172938	* PUMP ASSY., 2,3,4-53 (PRIMER) (DEMING #RR 3801 1/2)			1								
	5174731	+ PUMP ASSY., 2,3-53 (AUX.) (TUTHILL #00L1, C. W.)			1								
	5101092	= PUMP ASSY., 2,3,6V53 (TUTHILL #00LA, CW/CCW)			1	1							
	8924380	PLUG, 3/8" PIPE (12.9550)	1										
	5131685	BOLT, 5/16"-18X3/4" (WITH NYLON INSERT)	3	3			3	3	3	3	3	3	3
	181374	BOLT, 3/8"-24X1 1/2" (12.9001)			2								
	180147	BOLT, 7/16"-14X1 1/4" (12.9001)			2								
	103321	LOCKWASHER, 3/8" (12.9200)			2								
	103322	LOCKWASHER, 7/16" (12.9200)			2								
	117049	NUT, 3/8"-24 (12.9120)			2								
		@ ASSEMBLY NOT SERVICED; USE PUMP KIT SHOWN IN PARENTHESES.											
		# NOT SERVICED; COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE PUMP KIT SHOWN IN SAME TYPE.											
		& NOT SERVICED; COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE PUMP ASSY. AND QUANTITY OF 8924380 S HOWN IN PARENTHESES.											
		% USE WHEN FUEL TANK IS MOUNTED HIGHER THAN FUEL PUMP.											
		= SERVICED AS ASSEMBLY ONLY. FOR REPLACEMENT PARTS, CONTACT TUTHILL PUMP CO., CHICAGO, ILLINOIS. FURNISHING THEIR PART NUMBER SHOWN IN PARENTHESES.											

2.2000 FUEL PUMP

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		6 2	6 6	6 7	6 8	7 0	7 2	7 3	7 4	7 8	7 9	8 0	8 2
	2.2001 - PUMP ASSY., FUEL (CONT'D)												
	* SERVICED AS ASSEMBLY ONLY. FOR REPLACEMENT PART, CONTACT DEMING CO., SALEM, OHIO. FURNISHING THEIR PART NUMBER SHOWN IN PARENTHESES.												
	+ NOT SERVICED, USE 5101092 PLUS (2) 5146393 BUSHING IN 2.2001.												
	2.2004 - OVERHAUL KIT, FUEL PUMP												
	INCLUDES ITEMS IN 2.2007, 2.2070, 2.2089, 2.2093, 2.2130, 2.2160 AND 2.2180.												
	5195078 OVERHAUL KIT, 2,3,4,6,8V53 (3/8" DRIVEN GEAR)	AR	AR			AR	AR		AR		AR	AR	
	5149599 OVERHAUL KIT, 6,8V53 (1/4" DRIVEN GEAR)							AR		AR			
	2.2007 - GASKET, FUEL PUMP TO ENGINE												
A	5150193 GASKET, 2,3,4,6,8V53 (5.1010)	1	1			1	1	1	1	1	1	1	1
	5172915 GASKET, 2,3,4,6V53			1	1								
	2.2220 - FORK, FUEL PUMP COUPLING												
A	5121398 FORK, 2,3-53					1							
A	5102257 FORK, 3,4,6,8V53		1			1	1	1	1	1	1	1	1
	2.2228 - DISC, FUEL PUMP DRIVE												
	5153449 # & DISC, 2,3,4,6V53 (23 TEETH) (1.7630)			1	1								
	5131627 # DISC, 2, 3, 4, 6V53 (21 TEETH) (1.7630)			1	1								
	5177026 SPACER (1.7630)			1	1								
	5122922 RETAINER (1.7207)			3									
	5176474 BOLT, 3/8"-24 X 1.125" (1.7630)				4								
	5145091 BOLT, 3/8"-24X1.31" (12.5015)			4									
	# THRU 2D-16248, 3D-14315, 4D-17425, 6D-7991.												
	& NOT SERVICED, SUPERSEDED BY 5131627 PLUS (1) 5143616 COUPLING FOR ALL USAGE EXCEPT GENERATOR DRIVES USING MATING SHAFT 5168697. USE 5131627 PLATE AND 5122876 SHAFT FOR GENERATOR DRIVES.												
	2.2230 - COUPLING, FUEL PUMP DRIVE												
	5135843 + COUPLING, 6V53 (FOR BLOWER DRIVEN PUMP)										1		
	5143616 COUPLING, 2,3,4,6V53 (EXTERNAL GEAR, 21 TEETH)			1	1								
A	5154216 COUPLING, 2,3,4-53	1											
	3292492 # COUPLING, 2,3,4,6V53 (EXTERNAL GEAR, 23 TEETH) (1.7635)			1	1								
	+ OBSOLETE.												

2.2000 FUEL PUMP

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	6 2	6 6	6 7	6 8	7 0	7 2	7 3	7 4	7 8	7 9	8 0	8 2
		2.2230 - COUPLING, FUEL PUMP DRIVE (CONT'D)												
		# THRU 2D-16248, 3D-14315, 4D-17425, 6D-7991.												
		2.2235 - PLATE, FUEL PUMP MOUNTING												
2C	5121050	PLATE, 3,4,6,8V53							1					
2C	5139332	PLATE ASSY., 8V53									1			
2C	5125179	ADAPTOR, 2,3,4,6V53 (2.2260)			1	1								
2C	5135844	* ADAPTOR, 6V53 (2.2260)										1		
	116399	BOLT, 3/8"-16X6 1/4" (12.9001)										4		
2C	179857	BOLT, 7/16"-14X7/8" (12.9001)							1					
2C	179858	BOLT, 7/16"-14X1" (12.9001)		1	1									
2C	179882	BOLT, 1/2"-13X1 1/8" (12.9001)			4	4			4					
	5150568	WASHER, 7/16" COPPER (2.4050)			1	1			1					
	103321	LOCKWASHER, 3/8" (12.9200)										4		
2C	103323	LOCKWASHER, 1/2" (12.9200)			4	4			4					
		* OBSOLETE												
		2.2237 - GASKET, FUEL PUMP MOUNTING PLATE												
2C	5104506	GASKET, 2,3,4,6,8V53 (1.5040)			1	1			1					
2C	5121344	GASKET, 6V53 (3.4360)										1		
		2.2260 - ADAPTOR, FUEL PUMP DRIVE												
2C	5127266	ADAPTOR, 3,4,6,8V53							1		1			
2B	5125775	ADAPTOR, 6,8V53		1				1		1			1	1
2B	9409073	BOLT, 1/4"-20X5/8" (12.9001)		2				2		2			2	2
2C	9409131	BOLT, 3/8"-24X3/4" (12.9001)							2		2			
		2.2290 - GEAR, FUEL PUMP DRIVE												
		A GEAR ASSY. INCLUDES BUSHING.												
2B	5125768	GEAR ASSY., 6,8V53 (L.H. HELIX)		1						1			1	
2B	5125767	GEAR ASSY., 6,8V53 (R.H. HELIX)						1						1
	5172916	GEAR, 2,3,4,6V53			1	1								
2B	5196842	BUSHING (FINISHED)		1				1		1			1	1
	106958	KEY, 1/16"X1/2" WOODRUFF (12.9350)			1	1								
	140881	SCREW, #10-32X5/16" SET (12.9076)			1	1								
		2.2292 - HUB, FUEL PUMP DRIVE GEAR												
2B	5125774	HUB, 6,8V53		1				1		1			1	1
2B	9409203	BOLT, 1/2"-13X2 3/4" (12.9001)		1				1		1			1	1
2B	5125771	WASHER, THRUST (INNER)		2				2		2			2	2
2B	5126672	WASHER, RETAINER		1				1		1			1	1

2.2000 FUEL PUMP

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	8 6	8 9	9 0	9 6	9 8	1 0 1	1 0 2	1 0 7	1 1 6	1 1 7	1 1 8	1 1 9
		2.2001 - PUMP ASSY., FUEL												
		SEE ASSEMBLY BREAKDOWN AS INDICATED BELOW. A FUEL PUMP KIT INCLUDES A 3/8" INLET PUMP, GASKET IN 2.2007 AND REDUCING BUSHING IN 2.2030.												
	NPN	PUMP ASSY. (CUSTOMER FURNISHED)		1							1			
1A	5134703	# PUMP ASSY., 8V53 (R.H.) (3/8" INLET) (HIGH CAPACITY) (PAGE B1)	1											
1A	5134717	# PUMP ASSY., 6V53 (L.H.) (3/8" INLET) (PAGE A1)			1									
1A	5134702	& % PUMP ASSY., 3, 6V53 (R.H.) (3/8" INLET) (PAGE B1) (5199734)				1				1				
	5131476	+ PUMP ASSY., 3,4-53 (TITAN #4101-B-63C)					1							
	5140102	& % PUMP ASSY., 6V53 (R.H.) (3/8" INLET) (PAGE B1) (5199734)						1						
1A	5134701	& % PUMP ASSY., 6V53 (L.H.) (3/8" INLET) (PAGE B1) (5108065)							1					
	5174731	* PUMP ASSY., 2,3,4-53 (AUX.) (TUTHILL #00L1-C.W.)										1		1
	5172938	@ PUMP ASSY., 2,3,4-53 (PRIMER)(DEMING #RR 3801 1/2)										1		1
	5134715	# PUMP ASSY., 4-53 (L.H.) (3/8" INLET) (PAGE B1)											1	
	5199734	PUMP KIT, FUEL 6,8V53 (R.H.) (3/8" INLET) (PAGE D1)	1											
	5198729	% PUMP KIT, FUEL 6V53 (L.H.) (PAGE D1) (5199560)			1									
	5198874	& % PUMP KIT, FUEL 4-53 (L.H.) (PAGE D1) (5199560)											1	
	5101092	= PUMP ASSY., AUX. 2,3,4-53 (TUTHILL #00LA, CW/CCW)										1		1
	5146393	BUSHING, 3/8" X 1/2" RED. (INLET AND OUTLET)										2		2
	5152716	COVER (3.4223)									1			
	8924380	PLUG, 1/8" PIPE (12.9550)		2										
	5131685	BOLT, 5/16 -18X7/8 (WITH NYLOC INSERT) (5.1031)	3	3	3		3	3	3	3	3		3	
	181374	BOLT, 3/8"-24X1 1/2" (12.9001)										2		2
	193221	BOLT, 7/16"-14X1 1/4" (12.9001)										2		2
	103321	LOCKWASHER, 3/8" (12.9200)										2		2
	103322	LOCKWASHER, 7/16" (12.9200)										2		2
	117049	NUT, 3/8"-24 (12.9120)										2		2
		# NOT SERVICED; COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE PUMP KIT SHOWN IN SAME TYPE.												
		& USE WHEN FUEL TANK IS MOUNTED HIGHER THAN FUEL PUMP.												
		% NOT SERVICED; COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE PUMP ASSY. OR KIT SHOWN IN PARENTHESES PLUS QUANTITY OF 8924380 PLUG SHOWN.												
		+ SERVICED AS ASSEMBLY ONLY. FOR COMPONENTS CONTACT TITAN PUMP AND ENGINE CORP., 43600 GRAND RIVER, NOVI, MICHIGAN.												

2.2000 FUEL PUMP

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	8 6	8 9	9 0	9 6	9 8	1 0 1	1 0 2	1 0 7	1 1 6	1 1 7	1 1 8	1 1 9
		2.2001 - PUMP ASSY., FUEL (CONT'D)												
		= SERVICED AS COMPLETE ASSEMBLY ONLY. FOR REPLACEMENT PARTS CONTACT TUTHILL PUMP CO. CHICAGO, ILLINOIS. FURNISHING THEIR PART NUMBER SHOWN IN PARENTHESES.												
		* REPLACED BY 5101092 PLUS (2) 5146393 BUSHING IN 2.2001.												
		@ SERVICED AS COMPLETE ASSEMBLY ONLY. FOR REPLACEMENT PARTS CONTACT DEMING CO., SALEM OHIO. FURNISHING THEIR PART NUMBER SHOWN IN PARENTHESES.												
		2.2004 - OVERHAUL KIT, FUEL PUMP												
		INCLUDES ITEMS IN 2.2007, 2.2070, 2.2089, 2.2093, 2.2130, 2.2160 AND 2.2180.												
	5149599	OVERHAUL KIT, 6,8V53 (3/8" DRIVEN GEAR)	AR		AR	AR		AR	AR	AR				
	5195078	OVERHAUL KIT, 2,3,4,6,8V53 (1/4" DRIVEN GEAR)											AR	
		2.2007 - GASKET, FUEL PUMP TO ENGINE												
2A	5150193	GASKET, 2,3,4,6,8V53 (5.1010)	1		1	1		1	1	1	1		1	
	5172915	GASKET, 2,4-53										1		1
		2.2220 - FORK, FUEL PUMP COUPLING												
2A	5102257	FORK	1		1			1	1	1	1			
		2.2228 - DISC, FUEL PUMP DRIVE												
	5131627	DISC, 4-53 (21 TEETH) (1.7630)										1		
	5170450	DISC, 2,3,4-53 (21 TEETH) (1.7630)												1
	5122923	STUD, 3/8"-24X1.50" (12.9117)										1		
	5108836	STUD, 3/8"X1 3/4" (12.9117)												1
	5177026	SPACER (12.5015)										1		
	5140814	SPACER (12.5015)												1
	5176474	BOLT, 3/8"-24 X 1.125" (1.7630)										3		
	5145091	BOLT, 3/8"-24X1.38" (12.5015)												4
	9413533	NUT, 3/8"-24 SELF-LOCKING (12.9120)										1		1
	5145431	NUT, 3/8"-24 (12.9120)										1		1
		2.2230 - COUPLING, FUEL PUMP DRIVE												
	5109676	COUPLING, 3,4-53				1							1	
	5143616	COUPLING, 2,3,4-53 (12.5010)										1		1
		2.2235 - PLATE, FUEL PUMP MOUNTING												
2C	5121050	PLATE, 4,6,8V53						1		1				
2C	5125179	ADAPTOR, 2,3,4-53 (2.2260)										1		1
2C	179858	BOLT, 7/16"-14X1" (12.9001)										1		1

2.2000 FUEL PUMP

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	8 6	8 9	9 0	9 6	9 8	1 0 1	1 0 2	1 0 7	1 1 6	1 1 7	1 1 8	1 1 9
		2.2235 - PLATE, FUEL PUMP MOUNTING (CONT'D)												
2C	454990	BOLT, 1/2"-13X1 1/8" (12.9001)										4		4
		2.2260 - ADAPTOR, FUEL PUMP DRIVE												
2C	5125775	ADAPTOR, 6,8V53		1	1				1		1			
2C	5127266	ADAPTOR, 4,6,8V53						1		1				
2C	9409073	BOLT, 1/4"-20X5/8" (12.9001)		2	2				2		2			
2C	9409131	BOLT, 3/8"-24X3/4" (12.9001)						2						
2C	9409034	BOLT, 3/8"-24X7/8" (12.9001)								2				
		2.2290 - GEAR, FUEL PUMP DRIVE												
		A GEAR ASSY. INCLUDES BUSHING.												
1B	5125767	GEAR ASSY., 6,8V53		1	1				1		1			
	5172916	GEAR, 2,3,4-53										1		1
	106958	KEY, 1/16"X1/2" WOODRUFF (12.9350)										1		1
	140881	SCREW, #10-32X5/16" SET (12.9076)										1		1
	5196842	BUSHING (FINISHED)		1	1				1		1			
		2.2292 - HUB, FUEL PUMP DRIVE GEAR												
B	5125774	HUB, 6,8V53		1	1				1		1			
B	9409203	BOLT, 1/2"-13X2 3/4" (12.9001)		1	1				1		1			
B	5125771	WASHER, THRUST (INNER)		2	2				2		2			
B	5126672	SPACER, RETAINER		1	1				1		1			

2.2000 FUEL PUMP

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 2 0	1 2 7	1 2 8	1 3 1	1 3 2	1 3 4	1 3 6	1 3 7	1 3 8	1 3 9	1 4 0	1 4 3
		2.2001 - PUMP ASSY., FUEL												
		SEE ASSEMBLY BREAKDOWN AS INDICATED BELOW. A FUEL PUMP KIT INCLUDES A 3/8" INLET PUMP, GASKET IN 2.2007 AND REDUCING BUSHING IN 2.2030.												
	5131476	* PUMP ASSY., 3,4-53 (TITAN #4101-B- 63C)	1											
2A	5146341	# PUMP ASSY., 4,6V53 (L.H.) (3/8 INLET) (PAGE B1)		1		1	1							1
2A	5146340	# PUMP ASSY., 2,3,4,6V53 (R.H.) (3/8 INLET) (PAGE C1)			1			1	1					
2A	5146697	# PUMP ASSY., 6V53 (R.H.) (3/8" INLET) (PAGE C1)						1						
2A	5146342	# PUMP ASSY., 6V53 (R.H.) (3/8" INLET) (PAGE C1)									1	1	1	
	5199734	PUMP KIT, FUEL 6,8V53 (R.H.) (3/8" INLET) (PAGE D1)						1			1	1	1	
2A	5199560	PUMP KIT, FUEL 6V53 (L.H.) (PAGE D1)		1		1	1				1	1	1	
	5199561	PUMP KIT, FUEL 6V53 (R.H.) (PAGE D1)			1			1						
	C-384	MOTOR, ELECTRIC FUEL BOOSTER PUMP DRIVE 3-53 (24 VOLT)	1											
	8924166	BUSHING, 3/4"X1/4" RED. (12.9570)	1											
	8924159	BUSHING, 3/4"X3/8" RED. (12.9570)	1											
	8924380	PLUG, 1/8" PIPE (12.9550)			2	2	3	2	2	3	2	2	2	2
	8924749	PLUG, 1/8" PIPE (12.9550)		2										
	5131685	BOLT, 5/16-18X3/4 (WITH NYLOC INSERT) (5.1031)		3	3	3	3	3	3	3	3	3	3	3
	442826	NUT, 5/16-24 CAD. (12.9120)	4											
		* SERVICED AS ASSEMBLY ONLY. FOR COMPONENTS CONTACT TITAN PUMP AND ENGINE CORP., 43600 GRAND RIVER, NOVI, MICHIGAN.												
		# NOT SERVICED; COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE PUMP KIT SHOWN IN SAME TYPE.												
		2.2004 - OVERHAUL KIT, FUEL PUMP												
		INCLUDES ITEMS IN 2.2007, 2.2070, 2.2089, 2.2093, 2.2130, 2.2160 AND 2.2180.												
	5149599	OVERHAUL KIT, 6,8V53 (3/8" DRIVEN GEAR)						AR			AR	AR	AR	
	5195078	OVERHAUL KIT, 2,3,4,6,8V53 (1/4" DRIVEN GEAR)		AR	AR	AR	AR		AR	AR				AR
		2.2007 - GASKET, FUEL PUMP TO ENGINE												
2A	5150193	GASKET, 2,3,4,6,8V53 (5.1010)	1	1	1	1	1	1	1	1	1	1	1	1
		2.2220 - FORK, FUEL PUMP COUPLING												
2A	5102257	FORK, 6,8V53		1	1	1	1		1	1	1	1	1	1

2.2000 FUEL PUMP

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	1 2 0	1 2 7	1 2 8	1 3 1	1 3 2	1 3 4	1 3 6	1 3 7	1 3 8	1 3 9	1 4 0	1 4 3
		2.2230 - COUPLING, FUEL PUMP DRIVE												
	5154216	COUPLING, 2,3,4-53		1					1					
		2.2235 - PLATE, FUEL PUMP MOUNTING												
2C	5121050	PLATE, 4, 6, 8V53 (4.5020)						1		1	1			1
2C	5139332	PLATE, 8V53											1	
	8924380	PLUG, 1/8" PIPE (12.9550)									2			
	5120274	NUT, 5/16"-18 PLUG (5.3015)									3			
		2.2260 - ADAPTOR, FUEL PUMP DRIVE												
2C	5125775	ADAPTOR, 6,8V53			1	1	1							
2C	5127266	ADAPTOR, 4,6,8V53						1		1	1	1	1	1
2C	9409073	BOLT, 1/4"-20X5/8" (12.9001)		2	2	2								
2C	9409035	BOLT, 3/8"-24X1" (12.9001)							2					2
2C	9409034	BOLT, 3/8"-24X7/8" (12.9001)						2			2	2	2	
		2.2290 - GEAR, FUEL PUMP DRIVE												
		A GEAR ASSY. INCLUDES BUSHING.												
2B	5125767	GEAR ASSY., 6,8V53				1	1							
2B	5125768	GEAR ASSY., 6V53		1										
	5196842	BUSHING (FINISHED)		1	1	1								
		2.2292 - HUB, FUEL PUMP DRIVE GEAR												
2B	5125774	HUB, 6,8V53			1	1	1							
2B	9409203	BOLT, 1/2"-13X2 3/4" (12.9001)			1	1	1							
2B	5125771	WASHER, THRUST (INNER)			2	2	2							
2B	5126672	WASHER, RETAINER			1	1	1							

2.2000 FUEL PUMP

PART		TYPES															
FIG	NUMBER	NAME AND DESCRIPTION	1 4 4	1 4 5	1 4 7	1 4 8	1 5 1	1 5 2	1 5 5	1 5 6	1 5 8	1 5 9	1 6 0	1 6 2	1 6 4		
2.2001 - PUMP ASSY., FUEL																	
SEE ASSEMBLY BREAKDOWN AS INDICATED BELOW. A PUMP KIT INCLUDES A 3/8" INLET PUMP, GASKET IN 2.2007, AND RED UCING BUSHING IN 2.2030.																	
2A	5146341	# PUMP ASSY., 3,6V53 (L.H.) (3/8" INLET) (PAGE B1)	1	1													
2A	5134714	# PUMP ASSY., 4,6V53 (R.H.) (3/8" INLET) (PAGE A1)			1	1											
2A	5146344	# PUMP ASSY., 4,6,8V53 (L.H.) (3/8" INLET) (PAGE C1)					1	1									
2A	5146698	# PUMP ASSY., 3,6V53 (R.H.) (3/8" INLET) (PAGE C1)							1	1							
2A	5146699	% PUMP ASSY., 3, 4, 8V53 (L.H.) (3/8" INLET) (PAGE C1) (5108065)										1	1				
	5172926	* PUMP ASSY., 2-53 (AUXILIARY) (TUTHILL #00L1, C. C. W.)													1		
	5101092	@ PUMP ASSY., 2-53 (AUXILIARY) (TUTHILL #00LA, C. C./C. C. W.)												1	1		
2A	5199560	PUMP KIT, FUEL 6V53 (L.H.) (PAGE D1)	1	1													
2A	5198875	% PUMP KIT, FUEL 4, 6V53 (R.H.) (PAGE D1) (5199561)			1	1											
2A	5199562	% PUMP KIT, FUEL 8V53 (L.H.) (PAGE D1) (5199560)					1	1									
	5199561	PUMP KIT, FUEL 6V53 (R.H.) (PAGE D1)											1				
	5199734	PUMP KIT, FUEL 3,6V53 (R.H.) (PAGE D1)							1	1							
	5146393	BUSHING, 3/8"X1/2" RED. (INLET & OUTLET)												2	2		
	8924380	PLUG, 1/8" PIPE (12.9550)	2	2	2	2	2	2	1		1	1	2				
	5131685	BOLT, 5/16 -18X7/8 (WITH NYLOC INSERT) (5.1031)	3	3	3	3	3	3	3	3	3	3	3				
	193221	BOLT, 7/16"-14X1 1/4" (12.9001)												2	2		
	103322	LOCKWASHER, 7/16" (12.9200)												2	2		
# NOT SERVICED, COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE PUMP KIT SHOWN IN SAME TYPE.																	
* REPLACED BY 5101092 PLUS (2) 5146393 BUSHINGS IN 2.2001.																	
@ SERVICE AS AN ASSY. ONLY. FOR COMPONENTS CONTACT TUTHILL PUMP CO., CHICAGO, ILLINOIS. FURNISH THEIR PART NUMBER.																	
% NOT SERVICED, USE PART NUMBER SHOWN IN PARENTHESES.																	
2.2004 - OVERHAUL KIT, FUEL PUMP																	
	5195078	OVERHAUL KIT, 2,3,4,6,8V53 (1/4" DRIVEN GEAR)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR		
2.2007 - GASKET, FUEL PUMP TO ENGINE																	
	5150193	GASKET, 3,4,6,8V53 (5.1010)	1	1	1	1	1	1	1	1	1	1	1				
	5172915	GASKET, 4-53												1	1		

2.2000 FUEL PUMP

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 4 4	1 4 5	1 4 7	1 4 8	1 5 1	1 5 2	1 5 5	1 5 6	1 5 8	1 5 9	1 6 0	1 6 2	1 6 4
2.2220 - FORK, FUEL PUMP COUPLING															
2A	5102257	FORK, 6,8V53	1			1	1		1			1	1		
2A	5121398	FORK, 3-53		1											
2.2228 - DISC, FUEL PUMP DRIVE															
	5170450	PLATE, 2-53 (1.7630)												1	1
	5140814	SPACER, .20" THLS. (12.5015)													1
	5108836	STUD, 3/8"X1 3/4" (12.9117)												1	
	5145091	BOLT, 3/8"-24X1.38" (12.5015)												3	4
	9413533	NUT, 3/8"-24 SELF-LOCKING (12.9120)												1	
	5145431	NUT, 3/8"-24 (12.9120)												1	
2.2230 - COUPLING, FUEL PUMP DRIVE															
2A	5154216	COUPLING, 3,4-53			1			1							
2A	5109676	COUPLING, 3,4-53								1	1				
2A	5143616	COUPLING, 3-53												1	1
2.2235 - PLATE, FUEL PUMP MOUNTING															
1C	5121050	PLATE, 6V53							1						
2.2260 - ADAPTOR, FUEL PUMP DRIVE															
1C	5125775	ADAPTOR, 6,8V53	1			1	1					1	1		
1C	5127266	ADAPTOR, 6V53							1						
1C	5125179	ADAPTOR, 2-53												1	1
1C	9409073	BOLT, 1/4-20X5/8" (12.9001)	2			2	2					2	2		
1C	9409034	BOLT, 3/8"-24X7/8" (12.9001)							2						
	179858	BOLT, 7/16"-14X1" (12.9001)												1	1
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)												4	4
2.2290 - GEAR, FUEL PUMP DRIVE															
A GEAR ASSY. INCLUDES BUSHING.															
B	5125768	GEAR ASSY., 6V53	1			1									
B	5125767	GEAR ASSY., 8V53					1					1	1		
	5172916	GEAR, 2-53												1	1
B	5196842	BUSHING (FINISHED)	1			1	1					1	1		
	106958	KEY, 1/16"X1/2"L. WOODRUFF (12.9350)													1
	140881	SCREW, #10-32X5/16" (12.9076)												1	1
2.2292 - HUB, FUEL PUMP DRIVE GEAR															
B	5125774	HUB, 6,8V53	1			1	1					1	1		
B	9409203	BOLT, 1/2"-13X2 3/4" (12.9001)	1			1	1					1	1		
B	5125771	WASHER, THRUST (INNER)	2			2	2					2	2		
B	5126672	WASHER, RETAINER	1			1	1					1	1		

2.2000 FUEL PUMP

PART
FIG ... NUMBER ... NAME AND DESCRIPTION

TYPES

2.2001 - PUMP ASSY., FUEL

SEE ASSEMBLY BREAKDOWN AS
INDICATED BELOW. A PUMP KIT
INCLUDES A 3/8" INLET PUMP, GASKET
IN 2.2007, AND RED UCING BUSHING IN
2.2030.

5146697 # PUMP ASSY., 6V53 (R.H.) (3/8" INLET)
(PAGE C1) 1
5134714 # PUMP ASSY., 4-53 (R.H.) (3/8" INLET)
(PAGE A1) 1
5108063 # PUMP ASSY., 3,4,6V53 (R.H.) (3/8"
INLET) (PAGE C1) 1 1
5108064 # PUMP ASSY., 3,4,6V53 (L.H.) (3/8"
INLET) (PAGE C1) 1 1
5108066 # PUMP ASSY., 6V53 (R.H.) (HI-CAP) (PAGE
C1) 1 1
5199561 PUMP KIT, FUEL 3,4,6V53 (PAGE D1) 1
5199560 PUMP KIT, FUEL 3,4,6V53 (PAGE D1) 1
5199734 PUMP KIT, FUEL 6V53 (PAGE D1) 1
8924380 PLUG, 1/8" PIPE (12.9550) 2
5131685 BOLT, 5/16"-18 X 3/4" (WITH NYLOC
INSERT) (5.1031) 3
NOT SERVICED, COMPONENTS ARE
AVAILABLE FOR COMPLETE
REPLACEMENT USE PUMP KIT SHOWN
IN SAME TYPE.

2.2004 - OVERHAUL KIT, FUEL PUMP

INCLUDES ITEMS IN 2.2007, 2.2070,
2.2089, 2.2093, 2.2130, 2.2160 AND
2.2180.

5195078 OVERHAUL KIT, 2, 3, 4, 6, 8V53 (1/4"
DRIVEN GEAR) AR AR AR AR AR AR
5149599 OVERHAUL KIT, 6, 8V53 (3/8" DRIVEN
GEAR) AR AR AR AR

2.2007 - GASKET, FUEL PUMP TO ENGINE

5150193 GASKET, 3, 4, 6, 8V53 (5.1010) 1 1 1 1 1 1 1 1 1 1

2.2220 - FORK, FUEL PUMP COUPLING

2A 5102257 FORK, 6, 8V53 1
2A 5121398 FORK, 3-53 1 1 1 1 1 1

2.2230 - COUPLING, FUEL PUMP DRIVE

5154216 COUPLING, 4-53 1 1 1

2.2235 - PLATE, FUEL PUMP MOUNTING

2C 5121050 PLATE, 6V53 (4.5020) 1
8924380 PLUG, 1/8" PIPE (12.9550) 1

2.2000 FUEL PUMP

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	1 6 6	1 6 7	1 7 8	1 7 9	1 8 0	1 8 1	1 8 2	1 8 3	1 8 4	1 8 5	1 8 6
2.2260 - ADAPTOR, FUEL PUMP DRIVE													
IC	5125775	ADAPTOR, 6, 8V53	1			1		1		1	1		1
IC	5127266	ADAPTOR, 6V53						1					
IC	9409073	BOLT, 1/4"-20 X 5/8" (12.9001)	2			2		2		2	2		2
IC	9409034	BOLT, 3/8"-24 X 7/8" (2.1235)						2					
2.2290 - GEAR, FUEL PUMP DRIVE													
A GEAR ASSY. INCLUDES BUSHING.													
IB	5125768	GEAR ASSY., 6V53	1			1				1	1		1
	5125767	GEAR ASSY., 6,8V53						1					
2.2292 - HUB, FUEL PUMP DRIVE GEAR													
IB	5125774	HUB, 6, 8V53	1			1		1		1	1		1
IB	9409203	BOLT, 1/2"-13 X 2 3/4" (12.9001)	1			1		1		1	1		1
IB	5125771	WASHER, THRUST (INNER)	2			2		2		2	2		2
IB	5126672	WASHER, RETAINER	1			1		1		1	1		1

2.2000 FUEL PUMP

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 9 0	1 9 1	1 9 2	1 9 3	1 9 4	1 9 5	1 9 6	1 9 9	2 0 2	2 1 9	2 2 4
		2.2001 - PUMP ASSY., FUEL											
		SEE ASSEMBLY BREAKDOWN AS INDICATED BELOW. A PUMP KIT INCLUDES A 3/8" INLET PUMP, GASKET IN 2.2007, AND RED UCING BUSHING IN 2.2030.											
	NPN	PUMP ASSY., CUSTOMER FURNISHED						1					
	5108063	# PUMP ASSY., 3, 4, 6V53 (R.H.) (3/8" INLET) (PAGE C1)	1									1	
	5108064	# PUMP ASSY., 3, 4, 6V53 (L.H.) (3/8" INLET) (PAGE C1)		1	1	1							
	5108066	# PUMP ASSY., 6V53 (R.H.) (HI-CAP) (PAGE C1)					1						
	5107676	PUMP ASSY., 6V53 (L.H.) (PAGE A1)									1		1
	5199561	PUMP KIT, FUEL 3, 4, 6V53 (PAGE D1)	1						1			1	
	5199560	PUMP KIT, FUEL 3, 4, 6V53 (PAGE D1)		1	1	1				1			
	5199734	PUMP KIT, FUEL 6V53 (PAGE D1)					1						
	5152716	COVER (3.4223)						1				1	
	8924749	PLUG, 1/8" PIPE (12.9550)	2	2	2	3	2		2	2	2	2	2
	5131685	BOLT, 5/16"-18 X 3/4" (5.1031)	3	3	3	3	3		3	3			
	8925603	BOLT, 5/16"-18X3/4" W/SEALANT (12.9001)									3	3	3
	186625	BOLT, 5/16"-18X7/8" (12.9001)										3	
	103320	LOCKWASHER, 5/16" (12.9200)										3	
		# NOT SERVICED, COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE PUMP KIT SHOWN IN SAME TYPE.											
	5118219	BOLT ASSY., 5/16"-18X7/8"						3					
		2.2004 - OVERHAUL KIT, FUEL PUMP											
		INCLUDES ITEMS IN 2.2007, 2.2070, 2.2089, 2.2093, 2.2130, 2.2160 AND 2.2180.											
	5149599	OVERHAUL KIT, 6, 8V53 (3/8" DRIVEN GEAR)					AR				AR		AR
	5195078	OVERHAUL KIT, 2, 3, 4, 6, 8V53 (1/4" DRIVEN GEAR)	AR	AR	AR	AR			AR	AR		AR	
		2.2007 - GASKET, FUEL PUMP TO ENGINE											
	5150193	GASKET (5.1010)	1	1	1	1	1	1	1	1	1	2	1
		2.2220 - FORK, FUEL PUMP COUPLING											
2A	5102257	FORK	1	1	1	1	1	1	1	1	1	1	1
		2.2235 - PLATE, FUEL PUMP MOUNTING											
2C	5121050	PLATE, 3-53 (4.5020)								1		1	1
	8924380	PLUG, 1/8" PIPE (12.9550)								1			
	5120274	NUT, 5/16"-18 PLUG (5.3015)										3	3

2.2000 FUEL PUMP

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	1 9 0	1 9 1	1 9 2	1 9 3	1 9 4	1 9 5	1 9 6	1 9 9	2 0 2	2 1 9	2 2 4
		2.2260 - ADAPTOR, FUEL PUMP DRIVE											
2C	5127266	ADAPTOR								1		1	1
2C	5125775	ADAPTOR				1	1	1	1		1		
2C	9409073	BOLT, 1/4"-20 X 5/8" (12.9001)	2	2	2	2	2	2	2		2		
2C	9409034	BOLT, 3/8"-24X7/8" LOCK (12.9001)											2
2C	9409035	BOLT, 3/8"-24X1" LOCK (12.9001)								2 1		2 1	
	5140814	SPACER, .200" THK. (12.5015)											
		2.2290 - GEAR, FUEL PUMP DRIVE											
		A GEAR ASSY., INCLUDES BUSHING.											
2B	5107087	GEAR ASSY. (L.H. HELIX)	1		1		1		1				
2B	5107088	GEAR ASSY. (R.H. HELIX)		1		1		1			1		
		2.2292 - HUB, FUEL PUMP DRIVE GEAR											
2B	5125774	HUB	1	1	1	1	1	1	1		1		
2B	9409203	BOLT, 1/2"-13 X 2 3/4" (12.9001)	1	1	1	1	1	1	1		1		
2B	5125771	WASHER, THRUST (INNER)	2	2	2	2	2	2	2		2		
2B	5126672	WASHER, RETAINER	1	1	1	1	1	1	1		1		

2.2000 FUEL PUMP

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.2001 - PUMP ASSY., FUEL																
2A	5184531	= PUMP ASSY., 2,3,4-53 (C,D ENG.) GEAR TYPE (1/4" INLET)	1													
2A	5134705	= PUMP ASSY., 2,3,4-53 (C,D ENG.) GEAR TYPE (3/8" INLET)		1												
2A	5184532	= PUMP ASSY., 2,3,4-53 (A,B ENG.) GEAR TYPE (1/4" INLET)			1											
2A	5134706	= PUMP ASSY., 2,3,4-53 (A,B ENG.) GEAR TYPE (3/8" INLET)				1										
2A	5109017	= PUMP ASSY., 3,4,6,8V53 (R.H.) (1/4" INLET)					1									
2A	5134716	= PUMP ASSY., 3,4,6,8V53 (R.H.) (3/8" INLET)						1								
2A	5126529	= PUMP ASSY., 6,8V53 (L.H.) (1/4" INLET)							1							
2A	5134717	= PUMP ASSY., 6,8V53 (L.H.) (3/8" INLET)								1						
2A	5111367	* = PUMP ASSY., 2, 3, 4-53 (A, B ENG.) GEAR TYPE (1/4" INLET)									1					
2A	5134714	* = PUMP ASSY., 2,3,4-53 (A,B ENG.) GEAR TYPE (3/8" INLET)										1				
2A	5107676	PUMP ASSY., 4, 6V-53 (L.H.) = NOT SERVICED; SHOWN FOR REFERENCE ONLY. * USE WHEN FUEL TANK IS MOUNTED HIGHER THAN FUEL PUMP.											1			
2.2010 - BODY, FUEL PUMP																
2A	5109016	* BODY, 3,4,6,8V53 (5113776) (1)					1	1								
2A	5126528	* BODY, 6,8V53 (5146337) (3)							1	1						
2A	5177293	* BODY, 2,3,4-53 (5146337) (1)	1	1												
2A	5177292	* BODY, 2,3,4,6,8V53 (5113776) (1)			1	1					1	1				
2A	5146339	BODY, 4, 6V53												1		
2A	141195	PIN, 1/4"x5/8" DOWEL (12.9290) * NOT SERVICED; USE BODY AND QUANTITY OF 8924380 PLUG SHOWN IN PARENTHESES.	2	2	2	2	2	2	2	2	2	2	2	2		
2.2030 - COVER, FUEL PUMP																
2A	5174962	* COVER, 2,3,4,6,8V53	1		1		1		1		1					
2A	5134560	COVER, 2,3,4,6,8V53	1	1						1				1		
2A	5134628	COVER, 2,3,4,6,8V53				1		1				1				
2A	3719219	BOLT, 1/4"-20X3/4" (WITH LOCKWASHER) * NOT SERVICED; USE 5134560 FOR L.H. ROTATING PUMPS OR 5134628 FOR R.H. ROTATING PUMPS AND INCLUDE (1) 5198 558 REDUCING BUSHING IN 2.2030.	8	8	8	8	8	8	8	8	8	8	8	8		
2.2070 - SEAL, FUEL PUMP OIL																
2A	5107223	SEAL (LIP TYPE)	2	2	2	2	2	2	2	2	2	2	2	2		
2.2087 - GEAR, FUEL PUMP DRIVE																
	5174975	GEAR, 1/4"	1	1	1	1	1	1	1	1	1	1				
	5128217	GEAR, 3/8"												1		
	147481	BALL, 1/8" DIA. STEEL (12.9670)	1	1	1	1	1	1	1	1	1	1	1	1		

2.2000 FUEL PUMP

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.2089 - SHAFT, FUEL PUMP DRIVEN														
		A SHAFT ASSY. INCLUDES GEAR WHICH IS NOT SOLD SEPARATELY.														
A	5181747	SHAFT	1	1	1	1	1	1	1	1	1	1				
A	5100313	SHAFT ASSY., 4.6V53											1			
		2.2093 - SHAFT, FUEL PUMP DRIVE														
		A SHAFT ASSY. INCLUDES SHAFT IN 2.2093 AND ITEMS IN 2.2087.														
A	5181746	SHAFT ASSY. (DRIVE)	1	1	1	1	1	1	1	1	1	1				
	5146705	SHAFT ASSY. (DRIVE)												1		
	5178700	SHAFT (DRIVE)	1	1	1	1	1	1	1	1	1	1	1			
		2.2130 - VALVE ASSY., FUEL PUMP														
A	5174973	VALVE	1	1	1	1	1	1	1	1	1	1	1			
A	103709	PIN, 5/32"X1" STRAIGHT (12.9300)	1	1	1	1	1	1	1	1	1	1	1			
		2.2160 - SPRING, FUEL PUMP VALVE RETAINING														
A	5184530	SPRING	1	1	1	1	1	1	1	1	1	1	1			
		2.2170 - PLUG, FUEL PUMP VALVE														
A	5174971	PLUG	1	1	1	1	1	1	1	1	1	1	1			
		2.2180 - GASKET, FUEL PUMP VALVE PLUG														
A	5161003	GASKET	1	1	1	1	1	1	1	1	1	1	1			

2.2000 FUEL PUMP

PART		COLUMN												
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	M
2.2001 - PUMP ASSY., FUEL														
2A	5111366	= PUMP ASSY., 2, 3, 4-53 (C, D ENG.)												
		GEAR TYPE (1/4" INLET)	1											
2A	5134715	= PUMP ASSY., 2, 3, 4-53 (C, D ENG.)												
		GEAR TYPE (3/8" INLET)		1										
2A	5128212	= PUMP ASSY., 6V53 (R.H.) (3/8" INLET)			1									
2A	5108519	= PUMP ASSY., 6V553 (R.H.) (1/4" INLET)												
		(HIGH CAPACITY)				1								
2A	5134703	= PUMP ASSY., 6, 8V53 (R.H.) (3/8" INLET)					1							
2A	5136276	= PUMP ASSY., 8V53 (L.H.) (3/8" INLET)						1						
	5140102	@ = PUMP ASSY., 6V53 (R.H.) (3/8" INLET)							1					
2A	5134701	@ = PUMP ASSY., 6V53 (L.H.) (3/8" INLET)								1				
2A	5134702	@ = PUMP ASSY., 3, 6V53 (R.H.) (3/8" INLET)									1			
2A	5146341	= PUMP ASSY., 4, 6V53 (L.H.) (3/8" INLET)										1		
		= NOT SERVICED; SHOWN FOR REFERENCE ONLY.												
		@ USE WHEN FUEL TANK IS MOUNTED HIGHER THAN FUEL PUMP.												
2.2010 - BODY, FUEL PUMP														
2A	5128826	# BODY ASSY., 6V53 (INCLUDES DRIVEN GEAR SHAFT WHICH IS NOT SOLD SEPARATELY)			1									
2A	5177293	* BODY, 2, 3, 4-53 (5146337) (1)	1	1										
2A	5100310	* BODY, 6, 8V53 (5146338) (1)				1	1		1					
2A	5126528	* BODY, 8V53 (5146337) (3)						1						
2A	5135049	* BODY, 6V53 (LUBRITED) (5146682) (1)								1				
2A	5135048	* BODY, 3, 6V53 (LUBRITED) (5146338) (1)									1			
2A	5146337	BODY, 4, 6V53										1		
2A	141195	PIN, 1/4"X5/8" DOWEL (12.9290)	2	2		2	2	2	2	2	2	2		
		# NOT SERVICED; SUPERSEDED BY 5199734 PLUS 1-8924380 PLUG AND 1-5198559 BUSHING.												
		* NOT SERVICED; USE PART NUMBER IN PARENTHESES AND QUANTITY OF 8924380 PLUG SHOWN IN PARENTHESES.												
2.2030 - COVER, FUEL PUMP														
2A	5174962	* COVER, 2,3,4,6,8V53	1			1								
2A	5134560	COVER, 2,3,4,6,8V53		1				1				1		
2A	5128219	@ COVER, 6V53 (5108519)			1									
2A	5134628	COVER, 6,8V53					1		1					
2A	5134708	COVER, 6V53								1				
2A	5134707	+ COVER, 3,6V53									1			
2A	3719219	BOLT, 1/4"-20X3/4" (WITH LOCKWASHER)	8	8	4	8	8	8				8		
2A	179803	BOLT, 1/4"-20X1 3/4" (12.9001)			4									
2A	103319	LOCKWASHER, 1/4" (12.9200)			4									
		* NOT SERVICED; USE 5134560 FOR L.H. ROTATING PUMPS OR 5134628 FOR R.H. ROTATING PUMPS AND INCLUDE 1-519855 8 REDUCING BUSHING.												
		@ NOT SERVICED; USE PART NUMBER IN PARENTHESES PLUS 2-193004.												
		+ OBSOLETE												

2.2000 FUEL PUMP

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.2035 - VALVE ASSY., FUEL PUMP CHECK														
	9417463	PIN (12.9275)								1	1					
	5134674	PLUG, 3/8" SPECIAL (2.2170)								1	1					
	5134673	BALL, 1/4" NYLON (2.2130)								1	1					
	5152148	WASHER, 3/8"X9/16" SEAL (2.4050)								1	1					
		2.2070 - SEAL, FUEL PUMP OIL														
2A	5107223	SEAL (LIP TYPE)	2	2	2	2	2	2	2	2	2	2				
		2.2087 - GEAR, FUEL PUMP DRIVE														
	5174975	GEAR, 1/4"	1	1				1				1				
	5128217	GEAR, 3/8"			1	1	1		1	1	1		1			
	147481	BALL, 1/8" DIA. STEEL (12.9670)	1	1	1	1	1	1	1	1	1	1				
		2.2088 - GEAR, FUEL PUMP DRIVEN														
	5124529	+ GEAR			1											
		+ OBSOLETE.														
		2.2089 - SHAFT, FUEL PUMP DRIVEN														
		A SHAFT ASSY. INCLUDES GEAR WHICH IS NOT SOLD SEPARATELY.														
2A	5181747	SHAFT ASSY., 2,3,4,6,8V53	1	1				1				1				
2A	5100313	SHAFT ASSY., 6,8V53				1	1		1							
2A	5135040	SHAFT ASSY., 3,6V53								1	1					
		2.2093 - SHAFT, FUEL PUMP DRIVE														
		A SHAFT ASSY. INCLUDES SHAFT IN 2.2093 AND ITEMS IN 2.2087.														
2A	5181746	SHAFT ASSY., 2,3,4,6,8V53 (DRIVE)	1	1				1				1				
2A	5128216	% SHAFT ASSY., 6V53 (DRIVE)			1											
2A	5100314	+ SHAFT ASSY., 6,8V53 (DRIVE) (5146705)				1	1		1							
2A	5135039	SHAFT ASSY., 3,6V53 (DRIVE)								1	1					
	5178700	SHAFT, 2,3,4,8V53 (DRIVE)	1	1				1				1				
	5108444	+ SHAFT, 3,6,8V53 (DRIVE) (5178700)			1	1	1		1	1	1					
2A	5146705	SHAFT ASSY., 4,6V53 (DRIVE)											1			
		% NOT SERVICED; SHOWN FOR REFERENCE ONLY.														
		+ NOT SERVICED, USE PART NUMBER SHOWN IN PARENTHESES.														
		2.2130 - VALVE ASSY., FUEL PUMP														
2A	5174973	VALVE	1	1	1	1	1	1	1	1	1	1				
2A	103709	PIN, 5/32"X1" STRAIGHT (12.9300)	1	1	1	1	1	1	1	1	1	1				
		2.2160 - SPRING, FUEL PUMP VALVE RETAINING														
A	5184530	SPRING	1	1	1	1	1	1	1	1	1	1				

DETROIT DIESEL

53 MPC ENGINES

2.2000 FUEL PUMP

			COLUMN													
.FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.2170 - PLUG, FUEL PUMP VALVE														
2A	5174971	PLUG	1	1	1	1	1	1	1	1	1	1				
		2.2180 - GASKET, FUEL PUMP VALVE PLUG														
2A	5161003	GASKET	1	1	1	1	1	1	1	1	1	1				

2.2000 FUEL PUMP

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.2001 - PUMP ASSY., FUEL																
2A	5146340	* PUMP ASSY., 2,3,4,6V53 (R.H.) (3/8" INLET)	1													
2A	5146342	* PUMP ASSY., 6,8V53 (R.H.) (3/8" INLET)		1												
2A	5146697	* PUMP ASSY., 6V53 (R.H.) (3/8" INLET)			1											
2A	5146344	* PUMP ASSY., 4,6,8V53 (L.H.) (3/8" INLET)				1										
2A	5146698	* PUMP ASSY., 3,6V53 (R.H.) (3/8" INLET)					1									
2A	5146699	* PUMP ASSY., 3, 4, 8V53 (L.H.) (3/8" INLET)						1								
	5108063	* PUMP ASSY., 3,4-53 (3/8" INLET)							1							
	5108064	* PUMP ASSY., 3, 4-53 (3/8" INLET)								1						
	5108066	* PUMP ASSY., 6V53 (3/8" INLET)									1					
	5146704	* PUMP ASSY., 6V53 (3/8" INLET)										1				
		* NOT SERVICED; SHOWN FOR REFERENCE ONLY.														
2.2010 - BODY, FUEL PUMP																
2A	5113776	BODY, 2,3,4,6,8V53	1						1							
2A	5146338	BODY, 6,8V53		1	1		1					1	1			
2A	5146337	BODY, 2,3,4,6,8V53				1				1						
2A	5146682	BODY, 3,4,8V53						1								
	8924380	PLUG, 1/8" PIPE (12.9550)									1	1	1			
2A	141195	PIN, 1/4"x5/8" DOWEL (12.9290)	2	2	2	2	2	2	2	2	2	2	2			
2.2030 - COVER, FUEL PUMP																
2A	5134628	COVER, 2,3,4,6,8V53	1	1	1				1		1					
2A	5134560	COVER, 2,3,4,6,8V53				1				1						
2A	5134707	+ COVER, 3,6V53					1									
2A	5134708	COVER, 3,4,8V53						1								
	5100301	COVER, 6V53										1				
2A	3719219	BOLT, 1/4"-20X3/4" (WITH LOCKWASHER)	8	8	8	8	8		8	8	8	8				
		+ OBSOLETE.														
2.2035 - VALVE ASSY., FUEL PUMP CHECK																
	9417463	PIN (12.9275)					1	1					1			
	5134674	PLUG, 3/8" SPECIAL (2.2170)					1	1					1			
	5134673	BOLT, 1/4" NYLON (2.2130)					1	1					1			
	5152148	WASHER, 3/8"x9/16" SEAL (2.4050)					1	1								
2.2070 - SEAL, FUEL PUMP OIL																
2A	5107223	SEAL (LIP TYPE)	2	2	2	2	2	2	2	2	2	2				
2.2087 - GEAR, FUEL PUMP DRIVE																
	5174975	GEAR, 1/4" 2,3,4,6,8V53	1			1			1	1			1			
	5128217	GEAR, 3/8" 6,8V53		1	1							1				
	147481	BALL, 1/8" DIA. STEEL (12.9670)	1	1	1	1	1	1	1	1	1	1				

2.2000 FUEL PUMP

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN											
			A	B	C	D	E	F	G	H	I	J	K	M
		2.2089 - SHAFT, FUEL PUMP DRIVEN												
		A SHAFT ASSY. INCLUDES GEAR WHICH IS NOT SERVICED SEPARATELY.												
2A	5181747	SHAFT, 2,3,4,6,8V53	1		1	1			1	1		1		
2A	5100313	SHAFT ASSY., 6,8V53		1	1						1			
2A	5135040	SHAFT ASSY., 3,4,6,8V53					1	1						
		2.2093 - SHAFT, FUEL PUMP DRIVE												
		A SHAFT ASSY. INCLUDES SHAFT IN 2.2093 AND ITEMS IN 2.2087.												
2A	5181746	SHAFT ASSY., 2,3,4,6,8V53 (DRIVE)	1			1			1	1		1		
	5178700	SHAFT, 2,3,4,6,8V53 (DRIVE)	1	1	1	1			1	1	1	1		
2A	5146705	SHAFT ASSY., 6,8V53 (DRIVE)		1	1						1			
2A	5146706	SHAFT ASSY., 3,4,6,8V53 (DRIVE) (SERVICED AS ASSEMBLY ONLY)					1	1						
		2.2130 - VALVE ASSY., FUEL PUMP												
2A	5174973	VALVE	1	1	1	1	1	1	1	1	1	1		
2A	103709	PIN, 5/32"X1" STRAIGHT (12.9300)	1	1	1	1	1	1	1	1	1	1		
		2.2160 - SPRING, FUEL PUMP VALVE RETAINING												
2A	5184530	SPRING	1	1	1	1	1	1	1	1	1	1		
		2.2170 - PLUG, FUEL PUMP VALVE												
2A	5174971	PLUG	1	1	1	1	1	1	1	1	1	1		
		2.2180 - GASKET, FUEL PUMP VALVE PLUG												
2A	5161003	GASKET	1	1	1	1	1	1	1	1	1	1		

2.2000 FUEL PUMP

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN												
			A	B	C	D	E	F	G	H	I	J	K	L	M
		2.2001 - PUMP ASSY., FUEL													
	5198874	% PUMP KIT, FUEL 2,3,4,6V53	1												
	5199561	PUMP KIT, FUEL 6V53		1											
	5199560	PUMP KIT, FUEL 6V53			1										
	5198875	% PUMP KIT, FUEL 2,3,4-53				1									
	5199562	% PUMP KIT, FUEL 2,3,4,6V,8V53					1								
	5199734	PUMP KIT, FUEL 6,8V53						1							
	5198318	% PUMP KIT, FUEL 2,3,4-53							1						
	5198876	% PUMP KIT, FUEL 2,3,4-53								1					
	5197769	% PUMP KIT, FUEL 3,4,6,8V53									1				
	5198729	% PUMP KIT, FUEL 6,8V53										1			
		% NOT SERVICED; SHOWN FOR REFERENCE ONLY.													
		2.2007 - GASKET, FUEL PUMP TO ENGINE													
	5150193	GASKET (5.1010)	1	1	1	1	1	1	1	1	1	1	1	1	1
		2.2010 - BODY, FUEL PUMP													
	5146337	BODY, 2,3,4,6,8V53	1		1		1		1			1			
	5113776	BODY, 2,3,4,6V53		1		1				1		1			
	5146338	BODY, 8V53						1							
	8924380	PLUG, 1/8" PIPE (12.9550)	2	2	2	2	2	2	2	2	2	2	2	2	2
	141195	PIN, 1/4" X 5/8" DOWEL (12.9290)	2	2	2	2	2	2	2	2	2	2	2	2	2
		2.2030 - COVER, FUEL PUMP													
	5134560	COVER, 2,3,4,6,8V53	1		1		1		1			1			
	5134628	COVER, 2,3,4,6,8V53		1		1		1		1		1			
	5198558	BUSHING, 3/8" X 1/4"	1	1	1	1	1	1	1	1	1	1	1	1	1
	3719219	BOLT, 1/4"-20 X 3/4" (WITH LOCKWASHER)	8	8	8	8	8	8	8	8	8	8	8	8	8
		2.2070 - SEAL, FUEL PUMP OIL													
	5107223	SEAL	2	2	2	2	2	2	2	2	2	2	2	2	2
		2.2087 - GEAR, FUEL PUMP DRIVE													
	5174975	GEAR, 1/4" 2,3,4,6,8V53	1	1	1	1	1		1	1	1	1	1	1	1
	5128217	GEAR, 3/8" 8V53						1							
	147481	BALL, 1/8" DIA. STEEL (12.9670)	1	1	1	1	1	1	1	1	1	1	1	1	1
		2.2089 - SHAFT, FUEL PUMP DRIVEN													
		A SHAFT ASSY. INCLUDES GEAR WHICH IS NOT SOLD SEPARATELY.													
	5181747	SHAFT ASSY., 2,3,4,6,8V53	1	1	1	1	1		1	1	1	1	1	1	1
	5100313	SHAFT ASSY., 8V53						1							
		2.2093 - SHAFT, FUEL PUMP DRIVE													
		A SHAFT ASSY. INCLUDES SHAFT IN 2.2093 AND ITEMS IN 2.2087.													
	5181746	SHAFT ASSY., 2,3,4,6,8V53 (DRIVE)	1	1	1	1	1		1	1	1	1	1	1	1

DETROIT DIESEL

53 MPC ENGINES

2.2000 FUEL PUMP

PART			COLUMN													
..FIG ..	NUMBER ..	NAME AND DESCRIPTION ..	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.2093 - SHAFT, FUEL PUMP DRIVE (CONT'D)																
2A	5178700	SHAFT, 2,3,4,6,8V53 (DRIVE)	1	1	1	1	1	1	1	1	1	1				
2A	5146705	SHAFT ASSY., 8V53 (DRIVE)						1								
2.2130 - VALVE ASSY., FUEL PUMP																
2A	5174973	VALVE	1	1	1	1	1	1	1	1	1	1				
2A	103709	PIN, 5/32" X 1" STRAIGHT (12.9300)	1	1	1	1	1	1	1	1	1	1				
2.2160 - SPRING, FUEL PUMP VALVE RETAINING																
2A	5184530	SPRING	1	1	1	1	1	1	1	1	1	1				
2.2170 - PLUG, FUEL PUMP VALVE																
2A	5174971	PLUG	1	1	1	1	1	1	1	1	1	1				
2.2180 - GASKET, FUEL PUMP VALVE PLUG																
2A	5161003	GASKET	1	1	1	1	1	1	1	1	1	1				

2.2000A FUEL PUMP DRAIN

PART
 .FIG . . . NUMBER NAME AND DESCRIPTION

TYPES

2.2300 - TUBE ASSY., FUEL PUMP DRAIN

5132105 * TUBE ASSY., 2-53 (DEV. L. 14.38") 1
 431537 CONNECTOR, 3/16" INV. FL. TUBE 1/8"
 P.T. (12.9460) 1
 * OBSOLETE.

2.2320 - CLIP, FUEL PUMP DRAIN TUBE

5176668 CLIP (1.1100) 1

2.3000A FUEL FILTER AND STRAINER

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 5 7	1 6 1	1 6 2	1 6 3	1 7 4	1 7 6	1 7 7	1 8 1	1 8 5	1 8 8	1 8 9	1 9 0
2.3001 - STRAINER ASSY., FUEL														
FOR TYPE 178 USE TYPE 181. SEE ASSEMBLY BREAKDOWN PAGE A1.														
	5182041	* STRAINER ASSY. (6")	1		1	1		1	1	1	1	1		
3C	5575568	= STRAINER ASSY. (6") (T-60)	1		1	1		1	1	1	1	1	1	1
3D	25010776	? CARTRIDGE (SPIN ON) (T-915)						1	1	1	1	1	1	
3D	5148023	? COVER (SPIN ON)						1	1	1	1	1	1	
	5182086	+ DECAL (WITH 5182041 STRAINER)	1		1	1		1	1	1	1	1	1	
	5575197	+ DECAL (WITH 5575568 STRAINER)	1		1	1		1	1	1	1	1	1	1
3D	25010782	+ ? DECAL (SPIN ON) (T-915) (2.3010)						1	1	1	1	1	1	
	5105047	+ DECAL (WITH 5575568 STRAINER) (PORTUGUESE)	1		1	1		1	1	1	1	1	1	1
	5136132	ADAPTOR (.070 RESTRICTION) (2.5210)						1						
	190367	ELBOW, 1/4" STREET 90 DEG. (12.9590)				1								
	118755	ELBOW, 3/8 X90 DEG. FL. TUBE (12.9390)						1						
	114674	SCREW, 3/8"-16X1 1/4" FL. HD. SL. (12.9030)							2					
	5121182	PLUG, 1/4" PIPE (2.4015)	3					2	2			3	2	
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2		2	2		2						
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)								2				
	103341	WASHER, 3/8" (12.9190)	2								2			
	103321	LOCKWASHER, 3/8" (12.9200)	2			2		2	2	2				
	102635	NUT, 3/8"-16 (12.9120)							2	2				
	117049	NUT, 3/8"-24 (12.9120)								2				
* THRU 2D-1620, 3D-058, 4D-182; ASSY. NOT SERVICED, COMPONENTS AVAILABLE. FOR COMPLETE REPLACEMENT USE 5575568. = EFFECTIVE WITH 2D-1621, 3D-059 AND 4D-183. ? EFFECTIVE WITH 3D-100729, 4D-88702, 6D-91962 AND 8D-5553. + OBSOLETE.														
2.3260 - BRACKET, FUEL STRAINER MOUNTING														
	5138051	BRACKET							1					
	5125282	BRACKET								1				
	5131978	WASHER, .53" I.D. X 1.00" O.D. (1.5001)								1				
	5121182	PLUG, 1/4" PIPE (2.4015)							1					
	5145014	PLUG, 3/8" PIPE (12.9550)							1					
	179886	BOLT, 1/2"-13X1 5/8" (12.9001)								2				
2.3310 - FILTER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE B1.														
3B	5573949	FILTER ASSY. (4") (T-58)	1		1	1			1			1		1
3B	5121370	FILTER ASSY. (5")		1			1							

2.3000A FUEL FILTER AND STRAINER

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 5 7	1 6 1	1 6 2	1 6 3	1 7 4	1 7 6	1 7 7	1 8 1	1 8 5	1 8 8	1 8 9	1 9 0
2.3310 - FILTER ASSY., FUEL (CONT'D)														
3B	5574533	FILTER ASSY. (8")						1	1		1		1	
3D	25010778	CARTRIDGE (SPIN ON) (TP-916)						1	1		1		1	
3D	5148171	COVER (SPIN ON)						1	1		1		1	
	5574083	% DECAL	1		1	1						1		1
	5121371	% DECAL		1			1							
	5574516	% DECAL						1	1		1		1	
	25010782	% DECAL (SPIN ON) (TP-916) (2.3320)						1	1		1		1	
	5105046	% DECAL (PORTOGUESE)	1			1				1		1		1
	5121182	PLUG, 1/4" PIPE (2.4015)	2						2	2		3	2	
	179838	BOLT, 3/8"-16X7/8" (12.9001)			2		2							
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)											2	
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)						2			2			
	181374	BOLT, 3/8"-24X1 1/2" (12.9001)	2			2				2		2		
	103341	WASHER, 3/8" (12.9190)	2		2			2		2		2		
	103321	LOCKWASHER, 3/8" (12.9200)	2		2	2	2	2		2	2	2	2	
	102635	NUT, 3/8"-16 (12.9120)					2						2	
	117049	NUT, 3/8"-24 (12.9120)	2			2		2		2		2		
		% OBSOLETE.												
2.3530 - BRACKET, FUEL FILTER MOUNTING														
	5122568	BRACKET			1									
	5123834	BRACKET					1							
	5100953	* BRACKET											1	
	5121480	@ BRACKET											1	
	180120	BOLT, 3/8"-16X3/4" (12.9001)											1	
	179839	BOLT, 3/8"-16X1" (12.9001)												
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)			2		2							
	103341	WASHER, 3/8" (12.9190)			2								2	
	103321	LOCKWASHER, 3/8" (12.9200)			2								2	
		* WITH AIR COMPRESSOR TYPE 376.			AR		AR						AR	
		@ WITH NO AIR COMPRESSOR, OR ANY COMPRESSOR EXECPT TYPE 376.												

2.3000A FUEL FILTER

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	208	215	218	221	223	228	229	230	237	238	242	244
2.3001 - STRAINER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE A1.														
3C	5575568	= STRAINER ASSY. (6") (T-60)		1	1	1	1	1		1	1	1		
3D	25010778	? CARTRIDGE (SPIN ON) (T-915)			1	1	1	1		1	1	1		
3D	5148023	? COVER (SPIN ON)			1	1	1	1		1	1	1		
	5575197	* DECAL (WITH 5575568 STRAINER)		1	1	1	1	1		1	1	1	1	1
3D	25010781	? * DECAL (SPIN ON) (T-915) (2.3010)			1	1	1	1		1	1	1		
	5105047	* DECAL (WITH 5575568 STRAINER) (PORTUGUESE)			1	1	1	1		1	1	1	1	1
	444692	PLUG, 1/4" (12.9550)		2										
	5121182	PLUG, 1/4" PIPE (2.4015)		2	2					2	2	2		
	179839	BOLT, 3/8"-16X1" (12.9001)		1										
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)			2									
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)				2								
	179844	BOLT, 3/8"-16X1 5/8" (12.9001)		2										
	100030	BOLT, 3/8"-24X2" (12.9001)								1				
	103321	LOCKWASHER, 3/8" (12.9200)		2	2	2				2				
	102635	NUT, 3/8"-16 (12.9120)			2	2								
	117049	NUT, 3/8"-24 (12.9120)								2				
= EFFECTIVE WITH 2D-1621, 3D-059 AND 4D-183.														
? EFFECTIVE WITH 3D-100729, 4D-88702, 6D-91962 AND 8D-5553.														
* OBSOLETE.														
2.3260 - BRACKET, FUEL STRAINER MOUNTING														
	5167429	BRACKET				1								
	5129312	PLATE		1										
	179839	BOLT, 3/8"-16X1" (12.9001)				2								
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)		2										
	103321	LOCKWASHER, 3/8" (12.9200)		2		2								
2.3310 - FILTER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE B1.														
3B	5573949	FILTER ASSY. (4") (T-58)		1			1		1		1		1	1
3B	5121370	FILTER ASSY. (5")	1											
3B	5574533	FILTER ASSY. (8")			1	1		1		1		1		
3D	25010778	CARTRIDGE (SPIN ON) (TP-916)			1	1		1		1		1		
3D	5148171	COVER (SPIN ON)			1	1		1		1		1		
	5574083	+ DECAL					1		1		1		1	1
	5121371	+ DECAL	1											
	25010782	+ DECAL (TP-916) (2.3320)			1	1		1		1		1		
	5574516	+ DECAL			1	1		1		1		1		
	5105046	+ DECAL (PORTUGUESE)					1		1		1		1	1
	5121182	PLUG, 1/4" PIPE (2.4015)		2	2					2	2	2		

2.3000A FUEL FILTER

PART
FIG . . . NUMBER NAME AND DESCRIPTION

PART NUMBER		NAME AND DESCRIPTION		TYPES									
		2 0 8	2 1 5	2 1 6	2 2 1	2 2 3	2 2 8	2 2 9	2 3 0	2 3 7	2 3 8	2 4 2	2 4 4
2.3310 - FILTER ASSY., FUEL (CONT'D)													
186619	BOLT, 3/8"-16X1 1/8" (12.9001)			2		2				2			
186679	BOLT, 3/8"-16X1 1/4" (12.9001)				2		2				2		
186627	BOLT, 3/8"-24X1" (12.9001)												2
181371	BOLT, 3/8"-24X1 3/8" (12.9001)		2										
181374	BOLT, 3/8"-24X1 1/2" (12.9001)							2				2	
103321	LOCKWASHER, 3/8" (12.9200)		2	2	2	2	2	2		2	2	2	2
102635	NUT, 3/8"-16 (12.9120)				2	2	2				2		
117049	NUT, 3/8"-24 (12.9120)		2	2				2				2	
+ OBSOLETE.													
2.3530 - BRACKET, FUEL FILTER MOUNTING													
5121480	* BRACKET			1									
5129229	BRACKET				1						1		
5128664	@ BRACKET					1							
5129243	BRACKET						1						
5109228	BRACKET							1				1	
180120	BOLT, 3/8"-16X3/4" (12.9001)			1									
179838	BOLT, 3/8"-16X7/8" (12.9001)						1						
179839	BOLT, 3/8"-16X1" (12.9001)											3	
186619	BOLT, 3/8"-16X1 1/8" (12.9001)			2									
186612	BOLT, 3/8"-16X1 3/8" (12.9001)						2						
180176	BOLT, 1/2"-13X1 3/8" (12.9001)				2						2		
106340	@ BOLT, 1/2"-13X7/8" (12.9001)					2							
103341	WASHER, 3/8" (12.9190)		2										
106265	WASHER, 1/2" (12.9190)				AR								
103321	LOCKWASHER, 3/8" (12.9200)		AR				AR					AR	
103323	LOCKWASHER, 1/2" (12.9200)					2							
* WITH NO AIR COMPRESSOR, OR ANY COMPRESSOR EXCEPT TYPE 376.													
@ NOT REQUIRED ON TURBOCHARGED ENGINE, TYPE 223.													
2.3570 - GASKET, FUEL FILTER MOUNTING BRACKET													
5116242	GASKET (TO THERM. HOUSING) (1.2044)						1						
5175882	GASKET (TO HEAD) (4.4115)						1						

2.3000A FUEL FILTER

PART			TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	2 4 5	2 4 7	2 5 0	2 5 5	2 5 6	2 5 8	2 6 0	2 6 4	2 6 8	2 7 3	2 7 4	2 7 5		
2.3001 - STRAINER ASSY., FUEL																
SEE ASSEMBLY BREAKDOWN PAGE A1.																
4B	5575568	STRAINER ASSY. (6") (T-60)		1	1	1	1			1	1	1	1	1		
	5575197	% DECAL		1	1	1	1	1		1	1	1	1	1		
	5105047	% DECAL (PORTUGUESE)		1	1	1	1	1		1	1	1	1	1		
	5121182	PLUG, 1/4" PIPE (2.4015)					2	2						2		
	5145014	PLUG, 3/8" PIPE SQ. HD. (12.9550)												1		
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)			2		2			2		2				
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)									2					
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)												2		
	103321	LOCKWASHER, 3/8" (12.9200)			AR		2			2	AR	AR				
	123221	NUT, 3/8"-16 (12.9120)			2		2			2	2	2		2		
	117049	NUT, 3/8"-24 (12.9120)												2		
		% OBSOLETE.														
2.3260 - BRACKET, FUEL STRAINER MOUNTING																
	5109645	BRACKET			1											
	5129229	BRACKET					1									
	5130863	BRACKET								1						
	5130235	BRACKET									1					
	5131093	BRACKET										1				
	5100707	BRACKET												1		
	5177000	SPACER (7.1598)								2						
	179816	BOLT, 5/16"-18X3/4" (12.9001)									2					
	186121	BOLT, 3/8"-16X3/4" (12.9001)			2							2				
	179839	BOLT, 3/8"-16X1" (12.9001)												2		
	5157244	BOLT, 3/8"-16X1 3/4" (4.4190)								2						
	180176	BOLT, 1/2"-13X1 3/8" (12.9001)					2									
	103320	LOCKWASHER, 5/16" (12.9200)									2					
	103321	LOCKWASHER, 3/8" (12.9200)			2					AR		2		2		
	103323	LOCKWASHER, 1/2" (12.9200)					2									
2.3270 - GASKET, FUEL STRAINER MOUNTING BRACKET																
	5116242	GASKET												1		
2.3310 - FILTER ASSY., FUEL																
SEE ASSEMBLY BREAKDOWN PAGE B1.																
3B	5574533	FILTER ASSY. (8") (T-65)	1				1	1					1	1		
3B	5573949	FILTER ASSY. (4") (T-58)			1	1			1	1	1	1				
3D	25010778	* CARTRIDGE (SPIN ON) (TP-916)	1				1	1					1	1		
3D	5148171	* COVER (SPIN ON)	1				1	1					1	1		
	5574516	% DECAL	1				1	1					1	1		

2.3000A FUEL FILTER

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		2 4 5	2 4 7	2 5 0	2 5 5	2 5 8	2 5 8	2 6 0	2 6 4	2 6 8	2 7 3	2 7 4	2 7 5
2.3310 - FILTER ASSY., FUEL (CONT'D)													
25010782	% * DECAL (SPIN ON) (TP-916) (2.3320)	1				1	1					1	1
5574083	% DECAL			1	1			1	1	1	1		
5105046	% DECAL (PORTUGUESE)			1	1			1	1	1	1		
5121182	PLUG, 1/4" PIPE (2.4015)	2				2	2						2
186679	BOLT, 3/8"-16X1 1/4" (12.9001)	2				2							
181370	BOLT, 3/8"-24X1 1/4" (12.9001)											1	2
181374	BOLT, 3/8"-24X1 1/2" (12.9001)			2	2			2	2	2	2		
181377	BOLT, 3/8"-24X1 3/4" (12.9001)											1	
103321	LOCKWASHER, 3/8" (12.9200)	2		2	2	2		2	2	2	2	2	2
102635	NUT, 3/8"-16 (12.9120)	2				2							
117049	NUT, 3/8"-24 (12.9120)			2	2			2	2	2	2	2	2
	* EFFECTIVE WITH 3D-100729, 4D-88702, 6D-91962 AND 8D-5553. % OBSOLETE.												
2.3530 - BRACKET, FUEL FILTER MOUNTING													
5109450	BRACKET	1											
5162798	BRACKET					1							
5109228	BRACKET							1					
5131379	BRACKET (TO HEAD)											1	
5131309	* BRACKET (SPACER)											1	
5100953	BRACKET												1
179838	BOLT, 3/8"-16X7/8" (12.9001)	1										1	
179839	BOLT, 3/8"-16X1" (12.9001)							3					2
186612	BOLT, 3/8"-16X1 3/8" (12.9001)	2										2	
181365	BOLT, 3/8"-24X1 1/8" (12.9001)											2	
180176	BOLT, 1/2"-13X1 3/8" (12.9001)					2							
103321	LOCKWASHER, 3/8" (12.9200)	AR						AR				AR	AR
103323	LOCKWASHER, 1/2" (12.9200)					2							
117049	NUT, 3/8"-24 (12.9120)											2	
	* NOT SERVICED. CUSTOMER TO FABRICATE.												
2.3570 - GASKET, FUEL FILTER MOUNTING BRACKET													
5116242	GASKET (1.2044)	1										1	1
5175882	GASKET (4.4115)	1										1	

2.3000A FUEL FILTER

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	280	291	294	295	296	299	301	303	313	316	319	321
2.3001 - STRAINER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE A1.														
4B	5575568	STRAINER ASSY. (8") (T-60)	1			1	1		1	1	1			
4B	5575824	STRAINER ASSY. (8") (T-67)			1							1		
4B	6436075	STRAINER ASSY. (8") (T-74)											1	1
3D	25010778	CARTRIDGE (SPIN ON) (T-915)											1	1
3D	5148023	COVER (SPIN ON)											1	1
	5575197	% DECAL	1				1		1	1	1			
	5575062	% DECAL			1							1		
	25010781	% DECAL (T-915) (2.3010)											1	1
	6436060	% DECAL											1	1
	5105047	% DECAL (PORTUGUESE)	1				1		1	1				
	5121182	PLUG, 1/4" PIPE (2.4015)	2				2							
	114674	SCREW, 3/8"-16X1 1/4" FL. HD. (12.9010)				1								
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)							1					
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)				1								
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)							1					
	103341	WASHER, 3/8" (12.9190)				2								
	103321	LOCKWASHER, 3/8" (12.9200)				2			AR					
	102635	NUT, 3/8"-16 (12.9120)				1								
	117049	NUT, 3/8"-24 (12.9120)							1					
		% OBSOLETE.												
2.3260 - BRACKET, FUEL STRAINER MOUNTING														
	5132969	BRACKET (2.3530)				1								
	5133557	BRACKET							1					
	179839	BOLT, 3/8"-16X1" (12.9001)							1					
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)				1								
	103321	LOCKWASHER, 3/8" (12.9200)	2			AR								
2.3310 - FILTER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE B1.														
3B	5574533	FILTER ASSY. (8") (T-65)	1	1	1		1		1		1	1	1	
3B	5573949	FILTER ASSY. (4") (T-58)				1			1		1			
3B	5575824	FILTER ASSY. (8") (T-67)					1							
3D	25010778	* CARTRIDGE (SPIN ON) (TP-916)	1	1	1		1		1			1	1	
3D	5148171	* COVER (SPIN ON)	1	1	1		1		1			1	1	
	5574516	% DECAL	1	1				1		1		1	1	
	25010782	% DECAL (TP-916) (2.3320)	1	1	1		1		1		1	1	1	
	5574083	% DECAL				1		1		1				
	5575062	% DECAL			1		1					1		
	5105046	% DECAL (PORTUGUESE)				1		1		1				
	5121182	PLUG, 1/4" PIPE (2.4015)	2		2		2	2	1		1	2	2	
	5154453	PLUG, 3/8"-16 SPECIAL											1	

2.3000A FUEL FILTER

PART
FIG . . . NUMBER NAME AND DESCRIPTION

		TYPES											
PART NUMBER	NAME AND DESCRIPTION	2 8 0	2 9 1	2 9 4	2 9 5	2 9 6	2 9 9	3 0 1	3 0 3	3 1 3	3 1 6	3 1 9	3 2 1
2.3310 - FILTER ASSY., FUEL (CONT'D)													
114674	SCREW, 3/8"-16X1 1/4" FL. HD. (12.9030)				2								
186679	BOLT, 3/8"-16X1 1/4" (12.9001)											2	2
186628	BOLT, 3/8"-16X1 1/2" (12.9001)											2	
179844	BOLT, 3/8"-16X1 5/8" (12.9001)		2										
5157244	BOLT, 3/8"-16X1 3/4" (12.9001)			2									
181365	BOLT, 3/8"-24X1 1/8" (12.9001)								2				
181370	BOLT, 3/8"-24X1 1/4" (12.9001)	2								2			
181371	BOLT, 3/8"-24X1 3/8" (12.9001)						2						
181374	BOLT, 3/8"-24X1 1/2" (12.9001)							2					
103341	WASHER, 3/8" (12.9190)											2	
103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2		2	2	2	2		2	2
102635	NUT, 3/8"-16 (12.9120)		2	2	2							2	
117049	NUT, 3/8"-24 (12.9120)	2					2	2	2	2			
	* EFFECTIVE WITH 3D-100729, 4D-88702, 6D-91962 AND 8D-5553.												
	% OBSOLETE												
2.3530 - BRACKET, FUEL FILTER MOUNTING													
5100953	BRACKET	1											
5109921	BRACKET		1										
5131411	BRACKET			1									
5121173	BRACKET (2.3260)				1								
5129243	BRACKET						1					1	
5133126	BRACKET								1				
5127825	BRACKET									1			
5134273	BRACKET												1
5196119	SPACER, 13/32" I.D. X 7/8" L (3.4001)		2										
5121182	PLUG, 1/4" PIPE SKT. HD. (2.4015)				1								
179816	BOLT, 5/16"-18X3/4" (12.9001)				2								
179837	BOLT, 3/8"-16X3/4" (12.9001)			1									
179838	BOLT, 3/8"-16X7/8" (12.9001)									2			
179839	BOLT, 3/8"-16X1" (12.9001)	2											1
186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)			2			1						
5104599	BOLT, 3/8"-16 X 1.13" W/SEAL PATCH (12.9001)											1	
186679	BOLT, 3/8"-16X1 1/4" (12.9001)			2									
454906	BOLT, 3/8"-16X1 1/2" (12.9001)						2						
427588	BOLT, 3/8"-16X2 1/2" (12.9001)												2
180175	BOLT, 1/2"-13X1 1/4" (12.9001)								2				
103341	WASHER, 3/8" (12.9010)			2									
103320	LOCKWASHER, 5/16" (12.9260)				2								
103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR			AR			AR		AR	AR
103323	LOCKWASHER, 1/2" (12.9200)								2				
102635	NUT, 3/8"-16 (12.9120)		2										
2.3570 - GASKET, FUEL FILTER MOUNTING BRACKET													
5116242	GASKET (1.2044)											1	

2.3000A FUEL FILTER AND STRAINER

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES											
			3 2 3	3 2 4	3 2 5	3 2 6	3 2 7	3 2 8	3 2 9	3 3 0	3 4 1	3 4 3	3 4 6	3 4 9
2.3001 - STRAINER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE A1.														
3C	6436075	STRAINER ASSY. (8") (T-74)	1	1	1	1	1	1	1		1	1		
	5577342	STRAINER ASSY. (TL-70)			1									
3C	5575568	STRAINER ASSY. (6") (T-60)								1			1	1
3D	25010776	* CARTRIDGE (SPIN ON) (T-915)	1	1	1	1	1		1		1	1		
3D	5148023	* COVER (SPIN ON)	1	1	1	1	1		1		1	1		
	6436060	% DECAL	1	1	1	1	1	1	1		1	1		
	25010781	% * DECAL (T-915) (2.3010)	1	1	1	1	1		1		1	1		
	5577249	% DECAL												
	5575197	% DECAL				1							1	1
	5105047	% DECAL (PORTUGUESE)								1			1	1
	5145014	PLUG, 3/8" PIPE (12.9550)	2	2	2				2	2	2	2		
	5121182	PLUG, 1/4" PIPE (2.4015)		3						2				
	186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)		4										
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)							2	2				
	181371	BOLT, 3/8"-24X1 3/8" (12.9001)											2	
	103341	WASHER, 3/8" (12.9190)		4										
	103321	LOCKWASHER, 3/8" (12.9200)		4					2	2				
	102635	NUT, 3/8"-16 (12.9120)		4					2	2				
		* EFFECTIVE WITH 3D-100729, 4D-88702, 6D-91962 AND 8D-5553. % OBSOLETE.												
2.3260 - BRACKET, FUEL STRAINER MOUNTING														
	5167429	BRACKET							1					
	5135399	BRACKET (FILTER AND STRAINER)								1				
	5135391	BRACKET											1	
	186629	BOLT, 5/16"-18X1" (12.9001)											3	
	179839	BOLT, 3/8"-16X1" (12.9001)							2					
	103320	LOCKWASHER, 5/16" (12.9200)											3	
	103321	LOCKWASHER, 3/8" (12.9200)							2				3	
2.3263 - SUPPORT, FUEL STRAINER MOUNTING BRACKET														
	5135387	SUPPORT								1				
	186678	BOLT, 3/8"-16X1" (12.9001)								1				
	103321	LOCKWASHER, 3/8" (12.9200)								1				
2.3310 - FILTER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE B1.														
3B	5574533	FILTER ASSY. (8") (T-65)	1	1	1	1	1		1	1	1	1		
3B	5573949	FILTER ASSY. (4") (T-58)						1					1	1
3D	25010778	CARTRIDGE (SPIN ON) (TP-916)	1	1	1	1	1		1	1	1	1		
3D	5148171	COVER (SPIN ON)	1	1	1	1	1		1	1	1	1		

2.3000A FUEL FILTER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			3 2 3	3 2 4	3 2 5	3 2 6	3 2 7	3 2 8	3 2 9	3 3 0	3 4 1	3 4 3	3 4 6	3 4 9
		2.3310 - FILTER ASSY., FUEL (CONT'D)												
	5574516	* DECAL	1	1	1	1	1		1	1	1	1		
	5574083	* DECAL						1					1	1
	25010782	* DECAL (TP-916) (2.3320)	1	1	1	1	1		1	1	1	1		
	5105046	* DECAL (PORTUGUESE)						1					1	1
	5121182	PLUG, 1/4" PIPE (2.4015)	2		2			2	2	2	2	2	2	
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)		2										
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)	2						2	2	2			2
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)								1				
	181365	BOLT, 3/8"-24X1 1/8" (12.9001)					2							
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)				2		2						
	181374	BOLT, 3/8"-24X1 1/2" (12.9001)											2	
	103341	WASHER, 3/8" (12.9190)		2										
	103321	LOCKWASHER, 3/8" (12.9200)	2	2		2	2	2	2	2	2		2	2
	102635	NUT, 3/8"-16 (12.9120)	2	2					2	2	2			2
	117049	NUT, 3/8"-24 (12.9120)				2	2	2					2	
		* OBSOLETE.												
		2.3530 - BRACKET, FUEL FILTER MOUNTING												
	5109450	BRACKET	1											
	5121480	BRACKET		1										
	5100953	BRACKET				1								
	5133126	BRACKET					1							
	5127825	BRACKET						1						
	5134769	BRACKET							1		1			
	5136087	BRACKET												1
	5164294	SPACER (7.1581)												2
	179837	BOLT, 3/8"-16X3/4" (12.9001)		1										
	179838	BOLT, 3/8"-16X7/8" (12.9001)	2					2						
	179839	BOLT, 3/8"-16X1" (12.9001)				2								2
	5104599	BOLT, 3/8"-16 X 1.13" W/SEAL PATCH (12.9001)			2									
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	2											
	180175	BOLT, 1/2"-13X1 1/4" (12.9001)					2			2				
	180176	BOLT, 1/2"-13X1 3/8" (12.9001)							2		2			
	103341	WASHER, 3/8" (12.9190)			3									
	106265	WASHER, 1/2" (12.9190)							AR					
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR		AR		AR						2
	103323	LOCKWASHER, 1/2" (12.9200)					2		2	2				
		2.3570 - GASKET, FUEL FILTER MOUNTING BRACKET												
	5116242	GASKET (1.2044)	1			1								
	5175882	GASKET (TO CYLINDER HEAD) (2.5001)	1											

2.3000A FUEL FILTER AND STRAINER

PART			TYPES											
..FIG	NUMBER	NAME AND DESCRIPTION	3 5 2	3 5 7	3 5 8	3 6 2	3 6 4	3 7 1	3 7 6	3 9 7	4 0 0	4 0 3	4 0 8	4 1 2
2.3001 - STRAINER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE A1.														
3C	6436075	STRAINER ASSY. (8") (T-74)	1		1			1						
	5577342	STRAINER ASSY. (TL-70)							1			1		1
3C	5575568	STRAINER ASSY. (6") (T-60)									1		1	
	5575824	STRAINER ASSY. (8") (T-552)		1					1					
	5136560	% STRAINER ASSY.					1							
3D	25010776	* CARTRIDGE (SPIN ON) (T-915)	1		1			1						
3D	5148023	* COVER (SPIN ON)	1		1			1						
	6436060	% DECAL	1		1			1						
3D	25010781	% * DECAL (T-915) (2.3010)	1		1			1						
	5577249	% DECAL										1		1
	5575197	% DECAL											1	
	5575062	% DECAL								1				
	5105047	% DECAL (PORTUGUESE)											1	
	5118896	SPACER, 1 1/4" O.D. X 3/8" I.D. X 3 3/16" L.							1					
	5121182	PLUG, 1/4" PIPE (2.4015)									2	2		
	114674	SCREW, 3/8"-16X1 1/4" (12.9030)									2		2	2
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)			2									
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)								2				
	179846	BOLT, 3/8"-16X1 7/8" (12.9001)							2					
	103341	WASHER, 3/8" (12.9190)				2			2					
	103321	LOCKWASHER, 3/8" (12.9200)			2				2	2	2		2	
	102635	NUT, 3/8"-16 (12.9120)							2	2	2		2	2
		* EFFECTIVE WITH 3D-100729, 4D-88702, 6D-91962 AND 8D-5553.												
		% OBSOLETE.												
2.3260 - BRACKET, FUEL STRAINER MOUNTING														
	5167429	BRACKET			1									
	5138051	BRACKET									1		1	
	5121173	BRACKET												1
	5121182	PLUG, 1/4" PIPE (2.4015)												1
	5145014	PLUG, 3/8" PIPE (12.9550)									1		1	
	179816	BOLT, 5/16"-18X3/4" (12.9001)												2
	186625	BOLT, 5/16"-18X7/8" (12.9001)									2		2	
	179839	BOLT, 3/8"-16X1" (12.9001)			2									
	103321	LOCKWASHER, 3/8" (12.9200)			2									
	102635	NUT, 3/8"-16 (12.9120)			2									
2.3310 - FILTER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE B1.														
3B	5574533	FILTER ASSY. (8") (T-65)	1	1	1	1		1		1				
3B	5573949	FILTER ASSY. (4") (T-58)					1				1		1	
	5578475	FILTER ASSY. (4") (T-71MS)							1			1		1

2.3000A FUEL FILTER

PART
FIG. NUMBER NAME AND DESCRIPTION

TYPES

			3 5 2	3 5 7	3 5 8	3 6 2	3 6 4	3 7 1	3 7 6	3 9 7	4 0 0	4 0 3	4 0 8	4 1 2
2.3310 - FILTER ASSY., FUEL (CONT'D)														
D	25010778	CARTRIDGE (SPIN ON) (TP-916)	1	1	1	1		1		1				
D	5148171	COVER (SPIN ON)	1	1	1	1		1		1				
	5574516	% DECAL	1		1	1		1		1				
	5574083	% DECAL					1						1	
	25010782	% DECAL (TP-916) (2.3320)	1	1	1	1		1		1				
	5147408	% DECAL										1		1
	5105046	% DECAL (PORTUGUESE)					1						1	
	5121182	PLUG, 1/4" PIPE (2.4015)			2					2	2	1		
	179838	BOLT, 3/8"-16X7/8" (12.9001)		2							2		2	
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)	2		2						2			
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)			2	2	2							
	181371	BOLT, 3/8"-24X1 3/8" (12.9001)							2					
	181374	BOLT, 3/8"-24X1 1/2" (12.9001)											2	
	103341	WASHER, 3/8" (12.9190)		2	2	2			2		2			
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2	2	2	2	2	2		2	
	102635	NUT, 3/8"-16 (12.9120)	2		2		2	2						
	123321	NUT, 3/8"-16 (CAD) (12.9120)								2				
	117049	NUT, 3/8"-24 (12.9120)				2	2	2	2				2	
		% OBSOLETE.												

2.3530 - BRACKET, FUEL FILTER MOUNTING

5100953	* BRACKET					1		1						
5127825	BRACKET						1							
5129229	BRACKET	1		1										
5122568	BRACKET		1											
5136303	BRACKET								1					
5138175	BRACKET									1				
5109645	BRACKET										1		1	
179838	BOLT, 3/8"-16X7/8" (12.9001)						2				2		2	
179839	BOLT, 3/8"-16X1" (12.9001)		2			2			2					
181371	BOLT, 3/8"-24X1 3/8" (12.9001)									2				
179884	BOLT, 1/2"-13X1 3/8" (12.9001)	2		2										
103341	WASHER, 3/8" (12.9190)		2	2							2			
106265	WASHER, 1/2" (12.9190)			2										
103321	LOCKWASHER, 3/8" (12.9200)		2	2	AR	AR		2	2	2			2	
117049	NUT, 3/8"-24 (12.9120)								2	2				
	* WITH AIR COMPRESSOR TYPE 376.													

2.3000A FUEL FILTER AND STRAINER

			TYPES											
PART			4	4	4	4	4	4	4	4	4	4	4	4
.FIG . . . NUMBER NAME AND DESCRIPTION			1	2	6	2	3	4	4	5	5	5	6	6
			8	1		7	0	1	2	4	3	5	8	6
									8				2	
2.3001 - STRAINER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE A1.														
3C	5575568	STRAINER ASSY. (6") (T-60)	1											
	5577342	STRAINER ASSY. (TL-70)		1										
3C	6436075	STRAINER ASSY. (8") (T-74)			1	1	1		1	1	1		1	1
	5111605	STRAINER ASSY. (PUROLATOR TYPE C-17J-30)											1	
3D	25010776	CARTRIDGE (SPIN ON) (T-915)			1	1			1	1	1		1	1
3D	5148023	COVER (SPIN ON) (2.3080)			1	1			1	1	1		1	1
	5575197	% DECAL	1											
	5577249	% DECAL		1										
3D	25010781	% DECAL (T-915) (2.3010)			1	1			1	1	1		1	1
	6436060	% DECAL			1	1	1		1	1	1		1	1
	5105047	% DECAL (PORTUGUESE)	1											
	5121182	PLUG, 1/4" PIPE (2.4015)		1			2							
	5145014	PLUG, 3/8" PIPE (12.9550)				2	2		2	2	4		3	2
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)		2									2	
	186679	BOLT, 3/8"-16 X 1 1/4" (12.9001)								2				
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)											2	
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)	2							2				2
	103321	LOCKWASHER, 3/8" (12.9200)	2	2						2	2		2	2
	102635	NUT, 3/8"-16 (12.9120)								2			2	
	117049	NUT, 3/8"-24 (12.9120)	2							2			2	
		% OBSOLETE.												
2.3260 - BRACKET, FUEL STRAINER MOUNTING														
	5139809	BRACKET								1				
	5100707	BRACKET									1			1
	5141337	BRACKET (FILTER AND STRAINER)	1											
	5183914	SPACER, 11/32" I.D. X 1 11/32" L. (1.7625)	1											
	5118412	SPACER, 11/32" I.D. X 1 7/8" L. (7.1590)	1											
	5157412	SPACER, 13/32" I.D. X 7/8" O.D. (7.4013)											1	
	179830	BOLT, 5/16"-18X3" (12.9001)	1											
	179838	BOLT, 3/8"-16X7/8" (12.9001)	3											
	100152	BOLT, 7/16"-14X3" (12.9001)	1											
	103321	LOCKWASHER, 3/8" (12.9200)	AR											
	103322	LOCKWASHER, 7/16" (12.9200)	1											
2.3310 - FILTER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE B1.														
3B	5573949	FILTER ASSY. (4") (T-58)	1		1									
3B	5578475	FILTER ASSY. (4") (T-71MS)		1										
3B	5574533	FILTER ASSY. (8") (T-65)				1	1	1	1	1	1	1	1	1
3D	25010778	@ CARTRIDGE (SPIN ON) (TP-916)				1	1	1	1	1	1	1	1	1
3D	5148171	@ COVER (SPIN ON)				1	1	1	1	1	1	1	1	1
	5574083	% DECAL	1		1									
	6436147	% DECAL		1									1	
3D	25010782	% @ DECAL (TP-916) (2.3320)				1	1	1	1	1	1	1	1	1

2.3000A FUEL FILTER

PART		TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	4 1 8	4 2 1	4 2 6	4 2 7	4 3 0	4 3 1	4 4 2	4 4 8	4 5 3	4 5 5	4 5 8	4 6 2	4 6 6
2.3310 - FILTER ASSY., FUEL (CONT'D)															
5574516	% DECAL				1	1	1	1	1	1	1	1	1		1
5105046	% DECAL (PORTUGUESE)	1		1											
5121182	PLUG, 1/4" PIPE (2.4015)		2		2	2			2	2	2	1	2		2
5154453	PLUG, 3/8"-16 SPECIAL											1			
5145014	PLUG, 3/4" PIPE (12.9550)														1
186622	BOLT, 3/8"-16X1 1/4" (12.9001)				2				2						
186679	BOLT, 3/8"-16X1 1/4" (12.9001)						2			2		2			
186612	BOLT, 3/8"-16X1 3/8" (12.9001)												1		
179838	BOLT, 3/8"-16 X 7/8" (12.9001)													2	
181370	BOLT, 3/8"-24X1 1/2" (12.9001)	2	2	2		2					2				2
181374	BOLT, 3/8"-24X1 1/2" (12.9001)		2												
179884	BOLT, 1/2"-13X1 3/8" (12.9001)								2						
103341	WASHER, 3/8" (12.9190)					2			2				1		
106265	WASHER, 1/2" (12.9190)								2						
103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
102635	NUT, 3/8"-16 (12.9120)				2	2			2	2			2		
117049	NUT, 3/8"-24 (12.9120)	2	2	2	2	2					2				2
@ EFFECTIVE WITH 3D-100729, 4D-88702, 6D-91962 AND 8D-5553.															
% OBSOLETE.															
2.3530 - BRACKET, FUEL FILTER MOUNTING															
5127825	BRACKET			1											
5129243	BRACKET				1										
5137344	BRACKET					1									
5134273	BRACKET						1								
5129229	BRACKET							1							
5139810	BRACKET								1						
5100953	BRACKET									1					1
5139182	BRACKET											1			
5137370	BRACKET												1		
5122568	BRACKET													1	
5135387	SUPPORT														
179838	BOLT, 3/8"-16X7/8" (12.9001)			2									1		
179839	BOLT, 3/8"-16X1" (12.9001)					2	1							2	
186678	BOLT, 3/8"-16X1" CAD. (12.9001)														
186619	BOLT, 3/8"-16X1 1/8" (12.9001)				1										
454906	BOLT, 3/8"-16X1 1/2" (12.9001)				2								1		
186628	BOLT, 3/8"-16X1 1/2" (12.9001)											2			
427588	BOLT, 3/8"-16X2 1/2" (12.9001)						2								
186283	BOLT, 3/8"-16X3 1/2" (12.9001)									2					
214265	* BOLT, 3/8"-16X3 3/4" (12.9001)									2					
180175	BOLT, 1/2"-13X1 1/4" (12.9001)												2		
103341	WASHER, 3/8" (12.9190)					2							2		
103321	LOCKWASHER, 3/8" (12.9200)			2	AR	2	AR					AR	AR	AR	
* OBSOLETE															

DETROIT DIESEL

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2.3000A FUEL FILTER

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		4 1 8	4 2 1	4 2 6	4 2 7	4 3 0	4 3 1	4 4 2	4 4 8	4 5 3	4 5 5	4 5 8	4 6 2	4 6 8
	2.3570 - GASKET, FUEL FILTER MOUNTING BRACKET													
	5116242 GASKET (1.2044)				1						1			
	5175882 GASKET (TO HEAD) (4.4115)				1									

2.3000A FUEL FILTER AND STRAINER

PART ...FIG ... NUMBER NAME AND DESCRIPTION			TYPES											
			4 6 9	4 7 1	4 7 5	4 7 6	4 8 1	4 8 5	4 8 6	4 8 7	4 9 7	5 0 6	5 0 7	5 0 8
2.3001 - STRAINER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE A1.														
3C	5575568	STRAINER ASSY. (6") (T-60)		1			1	1	1					
	5111605	STRAINER ASSY. (PUROLATOR TYPE) (D-17J-30)								1		1	1	
	5129449	FILTER ASSY. (COALESCENT)								1				
	5575197	* DECAL		1			1	1	1					
	6436060	* DECAL								1				
	5105047	* DECAL (PORTUGUESE)		1			1	1						
	5121182	PLUG, 1/4" PIPE (2.4015)		2			2							
	5145014	PLUG, 3/8" PIPE (12.9550)								2	2	2	2	
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)							2	2				
	103341	WASHER, 3/8" (12.9190)							2					
	103321	LOCKWASHER, 3/8" (12.9200)							2	2				
	117049	NUT, 3/8"-24 (12.9120)							2	2				
		* OBSOLETE.												
2.3260 - BRACKET, FUEL STRAINER MOUNTING														
	5141337	BRACKET (FILTER AND STRAINER)							1					
	5142634	BRACKET									1			
	5175054	SPACER, 13/32" X 3/4" X 1 5/8" (3.1240)								1				
	179826	BOLT, 5/16"-18X2" (12.9001)									2			
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)							1					
	179838	BOLT, 3/8"-16X7/8" (12.9001)							2					
	179839	BOLT, 3/8"-16X1" (12.9001)									2			
	454934	BOLT, 7/16"-14X2 1/2" (12.9001)							1					
	5125608	WASHER, 15/32"X3/4"X1/8" (1.3112)							1					
	103321	LOCKWASHER, 3/8" (12.9200)							2		2			
2.3310 - FILTER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE B1.														
3B	5573949	FILTER ASSY. (4") (T-58)	1	1	1	1	1	1	1			1	1	
3B	5574533	FILTER ASSY. (8") (T-65)								1	1			1
3D	25010778	@ CARTRIDGE (SPIN ON) (TP-916)								1	1			1
3D	5148171	@ COVER (SPIN ON)								1	1			1
	5574083	% DECAL	1	1	1	1	1	1	1	1		1	1	
	5574516	% DECAL									1			1
3E	25010782	% @ DECAL (SPIN ON) (TP-916) (2.3320)								1	1			1
	5105046	% DECAL (PORTUGUESE)	1	1	1	1	1	1	1	1		1	1	
	5121182	PLUG, 1/4" PIPE (2.4015)	2	2					2		2	1	1	2
	181370	BOLT, 3/8"-24X1 1/2" (12.9001)								2	2	2		
	181377	BOLT, 3/8"-24X1 3/4" (12.9001)							2					
	181374	BOLT, 3/8"-24X1 1/2" (12.9001)	2	2	2	2	2							
	103341	WASHER, 3/8" (12.9190)				2			2					
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2	2		2	2	2	2		
	117049	NUT, 3/8"-24 (12.9120)	2	2	2	2	2		2	2	2	2		

2.3000A FUEL FILTER

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	4 6 9	4 7 1	4 7 5	4 7 6	4 8 1	4 8 5	4 8 6	4 8 7	4 9 7	5 0 6	5 0 7	5 0 8
	2.3310	FILTER ASSY., FUEL (CONT'D)												
		@ EFFECTIVE WITH 3D-100729, 4D-88702, 6D-91962 AND 8D-5553. % OBSOLETE.												
	2.3530	BRACKET, FUEL FILTER MOUNTING												
5137344	BRACKET									1				
5135592	BRACKET		1											
5139799	BRACKET			1	1									
5142635	BRACKET										1			
5139558	BRACKET												1	
454151	BOLT, 5/16"-24X1/2" CAD. (12.9001)		2											
179839	BOLT, 3/8"-16X1" (12.9001)									2				
186679	BOLT, 3/8"-16X1 1/4" (12.9001)				3	3								
186627	BOLT, 3/8"-24X1" (12.9001)												2	
189330	BOLT, 3/8"-24X3 3/4" (12.9001)										2			
186312	BOLT, 3/8"-24X4" (12.9001)												2	
103320	LOCKWASHER, 5/16" (12.9200)		2											
103321	LOCKWASHER, 3/8" (12.9200)				3	3				2			AR	
114493	NUT, 3/8"-24 CAD. (12.9120)		2											
117049	NUT, 3/8"-24 CAD. (12.9120)												2	

2.3000A FUEL FILTER AND STRAINER

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	527	529	530	557	569	575	593	596	605	606	621	640	644
2.3001 - STRAINER ASSY., FUEL															
FOR TYPE 544 USE TYPE 316. SEE ASSEMBLY BREAKDOWN PAGE A1.															
C	6436075	STRAINER ASSY. (8") (T-74)	1			1								1	1
C	5575568	STRAINER ASSY. (6") (T-60)		1	1		1		1	1					
	5577342	STRAINER ASSY. (TL-70)						1							
	5575824	STRAINER ASSY. (8") (T-67)											1		
	5129449	FILTER ASSY. (COALESCENT)									1	1			
D	25010776	CARTRIDGE (SPIN ON) (T-915)	1			1									
D	5148023	COVER (SPIN ON) (2.3080)	1			1									
	6436060	* DECAL	1											1	1
	5575197	* DECAL		1	1		1		1	1					
D	25010781	* DECAL (T-915) (2.3010)	1			1									
	5577249	* DECAL						1							
	5575062	* DECAL											1		
	5105047	* DECAL (PORTUGUESE)		1	1		1		1	1					
	5121182	PLUG, 1/4" PIPE (2.4015)		2	3	3	2	2	2					1	
	5145014	PLUG, 3/8" PIPE (12.9550)	2											2	2
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)						2	2						
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)	2											2	
	103341	WASHER, 3/8" (12.9190)							4						
	103321	LOCKWASHER, 3/8" (12.9200)	2		2			2	2						
	102635	NUT, 3/8"-16 (12.9120)													
	117049	NUT, 3/8"-24 (12.9120)	2												
		* OBSOLETE.													
2.3260 - BRACKET, FUEL STRAINER MOUNTING															
	5139888	BRACKET, FUEL FILTER AND STRAINER				1									
	5100707	BRACKET													1
	186625	BOLT, 5/16"-18X7/8" (12.9001)				3									
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)				2									
	103320	LOCKWASHER, 5/16" (12.9200)				3									
	123221	NUT, 3/8"-16 (12.9120)				2									
2.3310 - FILTER ASSY., FUEL															
SEE ASSEMBLY BREAKDOWN PAGE B1.															
B	5574533	FILTER ASSY. (8") (T-65)	1			1	1							1	1
B	5573949	FILTER ASSY. (4") (T-58)		1					1	1	1	1			
B	5578475	FILTER ASSY. (4") (T-71MS)						1							
C	25010778	CARTRIDGE (SPIN ON) (TP-916)	1			1	1						1		
C	5148171	COVER (SPIN ON)	1			1	1						1		
	5574516	% DECAL	1			1	1								
	25010782	% DECAL (TP-916) (2.3320)	1			1	1						1	1	1
	5574083	% DECAL		1					1	1					
	6436147	% DECAL						1							
	5105046	% DECAL (PORTUGUESE)		1					1	1					

DETROIT DIESEL

53 MPC ENGINES

2.3000A FUEL FILTER

PART
FIG . . . NUMBER NAME AND DESCRIPTION

		TYPES													
PART NUMBER	NAME AND DESCRIPTION	5 2 7	5 2 9	5 3 0	5 5 7	5 6 9	5 7 5	5 9 3	5 9 6	6 0 5	6 0 6	6 2 1	6 4 0	6 4 4	
2.3310 - FILTER ASSY., FUEL (CONT'D)															
5121182	PLUG, 1/4" PIPE (2.4015)	2	2	2			2	2	2			2	2	2	
179838	BOLT, 3/8"-16X7/8" (12.9001)		2												
186622	BOLT, 3/8"-16X1 1/4" (12.9001)											2			
181370	BOLT, 3/8"-24X1 1/4" (12.9001)	2								2	2				
181374	BOLT, 3/8"-24X1 1/2" (12.9001)						2	2	2						
103321	LOCKWASHER, 3/8" (12.9200)	2	2	2			2	2	2	2	2	2			
123221	NUT, 3/8"-16 (12.9120)		2	2								2			
117049	NUT, 3/8"-24 (12.9120)	2					2	2	2	2	2				
% OBSOLETE.															
2.3530 - BRACKET, FUEL FILTER MOUNTING															
5100953	BRACKET	1													
5142635	BRACKET	1													
5109645	BRACKET		1												
5133288	BRACKET			1											
5121480	BRACKET				1										
5109450	BRACKET				1										
5139558	BRACKET									1					
5131411	BRACKET											1			
5129929	BRACKET												1		
5121182	PLUG, 1/4" PIPE (2.4015)			2											
186274	BOLT, 5/16"-18X5" (12.9001)			4											
179837	BOLT, 3/8"-16X3/4" (12.9001)														
179838	BOLT, 3/8"-16X7/8" (12.9001)		2												
186619	BOLT, 3/8"-16X1 1/8" (12.9001)													2	
186679	BOLT, 3/8"-16X1 1/4" (12.9001)			2								2			
186622	BOLT, 3/8"-16X1 1/4" (12.9001)												2		
186627	BOLT, 3/8"-24X1" (12.9001)									2					
186612	BOLT, 3/8"-16X1 3/8" (12.9001)				2										
189330	BOLT, 3/8"-24X3 3/4" (12.9001)	2													
186312	BOLT, 3/8"-24X4" (12.9001)									2					
179844	BOLT, 1/2"-13X1 3/8" (12.9001)												2		
103340	WASHER, 5/16" (12.9190)			4											
103341	WASHER, 3/8" (12.9190)		2		2							2	2	2	
106265	WASHER, 9/16" (12.9190)												2		
103321	LOCKWASHER, 3/8" (12.9200)		AR	AR	AR					AR		AR	AR	AR	
123221	NUT, 3/8"-16 (12.9120)		2	2											
117049	NUT, 3/8"-24 CAD. (12.9120)									2					
102635	NUT, 3/8"-16 (12.9120)				2									2	
2.3535 - PLATE, FUEL FILTER MOUNTING															
5136610	COVER (1.2043)				1										
2.3570 - GASKET, FUEL FILTER MOUNTING BRACKET															
5116242	GASKET (1.2044)				1										
5175882	GASKET (4.4115)				1										

2.3000A FUEL FILTER AND STRAINER

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	650	651	661	670	676	679	683	687	688	689	690	691
2.3001 - STRAINER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE A1.														
3C	5575568	STRAINER ASSY. (6") (T-60)	1	1					1	1	1	1	1	1
3C	5575824	STRAINER ASSY. (8") (T-67)			1									
3C	6436075	STRAINER ASSY. (8") (T-74)					1							
3D	5148023	COVER (SPIN ON) (2.3080)					1							
3D	25010776	CARTRIDGE (SPIN ON) (T-915) (2.3010)					1							
	5575197	% DECAL	1						1					
	6436060	% DECAL						1						
	5574516	% DECAL						1						
	5105047	% DECAL								1	1	1	1	1
	5575062	% DECAL			1									
	25010781	% DECAL (T-915) (2.3010)				1	1							
	5121182	PLUG, 1/4" PIPE (2.4015)							2	2	2	2	2	2
	8923847	PLUG, 1/4" PIPE (4.7001)	2											
	5145014	PLUG, 3/8" PIPE (12.9550)			3		3							
	114674	SCREW, 3/8"-16X1 1/4" (12.9030)							2					
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)			2									
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)					2							
	103341	WASHER, 3/8" (12.9190)			2				2					
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)								2			2	2
	103321	LOCKWASHER, 3/8" (12.9200)			2		2			2			2	2
	102635	NUT, 3/8"-16 (12.9120)			2									
	117049	NUT, 3/8"-24 (12.9120)					2							
		% OBSOLETE.												
2.3260 - BRACKET, FUEL STRAINER MOUNTING														
	8922985	BRACKET							1					
	5145014	PLUG, 3/8" PIPE (12.9550)							1					
	103321	LOCKWASHER, 3/8" (12.9200)							2					
	102635	NUT, 3/8"-16 (12.9120)							2					
2.3310 - FILTER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE B1.														
B	5574533	FILTER ASSY. (8") (T-65)			1			1						
B	5573949	FILTER ASSY. (4") (T-58)	1	1					1	1	1	1	1	1
B	5578475	FILTER ASSY. (4") (T-71MS)				1								
D	5148171	COVER (SPIN ON)					1							
D	25010778	CARTRIDGE (SPIN ON) (TP-916)					1							
	5574516	% DECAL			1									
	5574083	% DECAL	1						1				1	
	5105046	% DECAL								1	1	1		1
	5147408	% DECAL				1								
	25010782	% DECAL (TP-916)					1							
	5121182	PLUG, 1/4" PIPE (2.4015)	2		3		2	2	2	2	2	2	2	2
	8923847	PLUG, 1/4" PIPE (4.7001)		2										
	179839	BOLT, 3/8"-16X1" (12.9001)	2											
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)		2			2		2				2	
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)				2		2						
	5104599	BOLT, 3/8"-16X1.13" (12.9001)					2							
	181374	BOLT, 3/8"-16X1 1/2" (12.9001)								2	2	2		2

2.3000A FUEL FILTER

PART		TYPES										
FIG	NUMBER	NAME AND DESCRIPTION										
		6 5 0	6 6 1	6 7 0	6 7 6	6 7 9	6 8 3	6 8 7	6 8 8	6 8 9	6 9 0	6 9 1
2.3530 - BRACKET, FUEL FILTER MOUNTING												
5122568	BRACKET	1										
5133083	BRACKET	1										
5136303	BRACKET			1								
5121480	BRACKET				1							
5100953	BRACKET				1							
5103600	BRACKET		1									
5104599	BOLT, 3/8"-16 X 1.13" (W/SEAL) (12.9001)					2						
179837	BOLT, 3/8"-16 X 3/4" (12.9001)					1						
103321	LOCKWASHER, 3/8" (12.9200)					2						
179838	BOLT, 3/8"-16X7/8" (12.9001)	2										
179839	BOLT, 3/8"-16X1" (12.9001)	2	2	2								
103341	WASHER, 3/8" (12.9120)	4	4			5						
103321	LOCKWASHER, 3/8" (12.9200)	AR		AR		1						
2.3535 - PLATE, FUEL FILTER MOUNTING												
5107016	PLATE					1						

2.3000A FUEL FILTER AND STRAINER

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		6 5 0	6 5 1	6 6 1	6 7 0	6 7 6	6 7 9	6 8 3	6 8 7	6 8 8	6 8 9	6 9 0	6 9 1
2.3310 - FILTER ASSY., FUEL (CONT'D)													
103321	LOCKWASHER, 3/8" (12.9200)	2	2		2	2	2	2	2	2	2	2	2
103341	WASHER, 3/8" (12.9190)	2	2		2	2		2		2	2		
102635	NUT, 3/8"-16 (12.9120)				2	2	2						
117049	NUT, 3/8"-24 (12.9120)								2	2	2	2	2
	% OBSOLETE.												
2.3530 - BRACKET, FUEL FILTER MOUNTING													
5122568	BRACKET	1											
5133083	BRACKET	1											
5136303	BRACKET				1								
5121480	BRACKET					1							
5100953	BRACKET					1							
5103600	BRACKET			1									
5104599	BOLT, 3/8"-16X1.13" (W/SEAL) (12.9001)						2						
179837	BOLT, 3/8"-16X3/4" (12.9001)						1						
103321	LOCKWASHER, 3/8" (12.9200)						2						
179838	BOLT, 3/8"-16X7/8" (12.9001)	2											
179839	BOLT, 3/8"-16X1" (12.9001)	2		2	2								
103341	WASHER, 3/8" (12.9190)	4		4			5						
103321	LOCKWASHER, 3/8" (12.9200)	AR				AR	1						
2.3535 - PLATE, FUEL FILTER MOUNTING													
5107016	PLATE							1					

2.3000A FUEL FILTER AND STRAINER

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	6 9 2	6 9 3	6 9 4	6 9 5	6 9 7	6 9 8	6 9 9	7 0 0	7 0 2	7 0 4	7 2 0	7 2 1	7 2 2
2.3001 - STRAINER ASSY., FUEL															
SEE ASSEMBLY BREAKDOWN PAGE A1.															
3C	5575568	STRAINER ASSY. (6") (T-60)	1	1		1						1			
3C	6436075	STRAINER ASSY. (8") (T-74)			1		1	1	1	1	1			1	1
	25011011	STRAINER CARTRIDGE (T-936) (SPIN-ON)													1
	5105047	+ DECAL	1	1		1									
	5105137	+ DECAL			1		1	2	1	1					
	5574516	+ DECAL									1				
	6436060	+ DECAL									1				
	5575197	+ DECAL										1			
	8921410	COVER (SPIN-ON)											1	1	1
	5121182	PLUG, 1/4" PIPE (2.4015)	2			2					2		3	2	3
	5145014	PLUG, 3/8" PIPE (12.9550)					2	2							
	186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)	2										2		
	114674	SCREW, 3/8"-16 X 1 1/4" (12.9030)													2
	103321	LOCKWASHER, 3/8" (12.9200)	2										2		2
	102635	NUT, 3/8"-16 (12.9120)													2
		+ OBSOLETE.													
2.3260 - BRACKET, FUEL STRAINER MOUNTING															
	5138051	BRACKET													
	5145014	PLUG, 3/8"-18 PIPE (12.9550)													
2.3310 - FILTER ASSY., FUEL															
SEE ASSEMBLY BREAKDOWN PAGE B1.															
3B	5573949	FILTER ASSY. (4") (T-58)	1	1	1	1									
3B	5574533	FILTER ASSY. (8") (T-65)					1	1	1	1	1				
	25010959	FILTER CARTRIDGE (TP-928)											1	1	1
	5148171	FILTER COVER (SPIN-ON)											1	1	1
	5105046	* DECAL	1	1	1	1									
	5105138	* DECAL					1	1	1	1					
	5574083	* DECAL										1			
	5121182	PLUG, 1/4" PIPE (2.4015)	2		2	2	2	2		2		2	2	2	2
	181374	BOLT, 3/8"-24 X 1 1/2" (12.9001)	2			2									
	181377	BOLT, 3/8"-24X1 3/4" (12.9001)											2	2	2
	179838	BOLT, 3/8"-16 X 7/8" (12.9001)		2											
	181370	BOLT, 3/8"-24 X 1 1/4" (12.9001)			2										
	186622	BOLT, 3/8"-16 X 1 1/4" (12.9001)					2	2	2	2	2				2
	179839	BOLT, 3/8"-16 X 1" (12.9001)										2	2		
	103341	WASHER, 3/8" (12.9190)						2	2	2	2	2	2	2	
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2	2	2	2	2	2	2	2	2	2
	117049	NUT, 3/8"-24 (12.9120)	2		2	2							2	2	
	102635	NUT, 3/8"-16 (12.9120)					2	2	2	2	2				
		* OBSOLETE.													

2.3000A FUEL FILTER AND STRAINER

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		6 9 2	6 9 3	6 9 4	6 9 5	6 9 7	6 9 8	6 9 9	7 0 0	7 0 2	7 0 4	7 2 0	7 2 1	7 2 2
2.3530 - BRACKET, FUEL FILTER MOUNTING														
5122568	BRACKET		1											
5127825	BRACKET			1										
5129229	BRACKET					1	1							
179839	BOLT, 3/8"-16 X 1" (12.9001)		2											
179838	BOLT, 3/8"-16 X 7/8" (12.9001)			2										
179884	BOLT, 1/2"-13 X 1 3/8" (12.9001)					2								
106265	WASHER, 9/16" X 1 3/8" (12.9190)					2	2							
103321	LOCKWASHER, 3/8" (12.9200)		2	2										
2.3535 - PLATE, FUEL FILTER MOUNTING														
5107016	PLATE							1	1	1				

2.3000A FUEL FILTER AND STRAINER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES												
			7 2 3	7 2 4	7 2 5	7 2 6	7 2 7	7 2 8	7 2 9	7 3 0	7 3 2	7 3 3	7 3 4	7 3 5	7 3 6
	2.3001 - STRAINER ASSY., FUEL														
	25011011	STRAINER CARTRIDGE	1	1	1	1	1	1	1	1	1	1	1	1	1
	8921410	COVER (SPIN-ON)	1	1	1	1	1	1	1	1	1	1	1	1	1
	114674	SCREW, 3/8"-16 X 1 1/4" (12.9030)								2					
	5121182	PLUG, 1/4" PIPE (2.4015)	3	2	3	3	3	3	3	3	2	2	3	2	2
	186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)			2			1							2
	186622	BOLT, 3/8"-16 X 1 1/4" (12.9001)					2		1				2		
	186628	BOLT, 3/8"-16 X 1 1/2" (12.9001)						1							
	181370	BOLT, 3/8"-24 X 1 1/4" (12.9001)							1		2	2			
	103341	WASHER, 3/8" (12.9190)		2	2										
	103321	LOCKWASHER, 3/8" (12.9200)			2		2	2	3	2	2	2	2		2
	102635	NUT, 3/8"-16 (12.9120)						1		2					
	117049	NUT, 3/8"-24 (12.9120)							1		2	2			
	2.3310 - FILTER ASSY., FUEL														
	25010959	FILTER CARTRIDGE (TP-928)	1	1	1	1	1	1	1	1	1	1	1	1	1
	5148171	FILTER COVER (SPIN-ON)	1	1	1	1	1	1	1	1	1	1	1	1	1
	5121182	PLUG, 1/4" PIPE (2.4015)	2	2	2	3	2	2	2	2	2	2	3	2	3
	181374	BOLT, 3/8"-24X1 1/2" (12.9001)	2				2								
	181377	BOLT, 3/8"-24X1 3/4" (12.9001)		2	2				2		2	2	2	2	
	179838	BOLT, 3/8"-16 X 7/8" (12.9001)								2				2	
	186622	BOLT, 3/8"-16 X 1 1/4" (12.9001)													2
	114674	SCREW, 3/8"-16 X 1 1/4" (12.9030)						2							
	103341	WASHER, 3/8" (12.9190)			2										
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2		2	2	2	2	2	2	2	2	2
	117049	NUT, 3/8"-24 (12.9120)	2	2	2		2		2		2	2	2		
	102635	NUT, 3/8"-16 (12.9120)						2							
	123221	NUT, 3/8"-16 (12.9120)								2				2	2
	2.3260 - BRACKET, FUEL STRAINER MOUNTING														
	5138051	BRACKET						1		1					
	5131093	BRACKET					1								
	5132969	BRACKET						1							
	5133557	BRACKET							1						
	5141337	BRACKET (FILTER AND STRAINER)									1	1			
	5175054	SPACER, 13/32" X 3/4" X 1 5/8" (3.1240)										1	1		
	5183915	SPACER, 15/32" X 1 11/16" (1.7625)										1	1		
	5145014	PLUG, 3/8" PIPE (12.9550)						1		1					
	179838	BOLT, 3/8"-16 X 7/8" (12.9001)					2				2	2			
	179839	BOLT, 3/8"-16 X 1" (12.9001)							1						
	5125608	WASHER, 15/32" X 3/4" X 1/8" (1.3112)													
	454934	BOLT, 7/16"-14 X 2 1/2" (12.9001)										1	1		
	179828	BOLT, 5/16"-18 X 2 1/2" (12.9001)										1	1		
	103321	LOCKWASHER, 3/8" (12.9200)					2	1			2	2			
	103322	LOCKWASHER, 7/16" (12.9200)									1				
	123221	NUT, 3/8"-16 (12.9120)					2								

DETROIT DIESEL

53 MPC ENGINES

2.3000A FUEL FILTER AND STRAINER

PART		TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	7 2 3	7 2 4	7 2 5	7 2 6	7 2 7	7 2 8	7 2 9	7 3 0	7 3 2	7 3 3	7 3 4	7 3 5	7 3 6
2.3530 - BRACKET, FUEL FILTER MOUNTING															
5109645	BRACKET									1				1	1
179838	BOLT, 3/8"-16 X 7/8" (12.9001)									2				2	2
103321	LOCKWASHER, 3/8" (12.9200)									2				2	2

2.3000A FUEL FILTER AND STRAINER

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	7 3 7	7 3 8	7 4 4	7 4 7	7 4 8	7 6 7	7 6 8	7 6 9	7 7 7	7 7 8	7 8 0	7 8 1	
2.3001 - STRAINER ASSY., FUEL															
FOR TYPE 763 USE TYPE 801. SEE ASSEMBLY BREAKDOWN PAGE A1.															
3C	5575568	STRAINER ASSY. (6") (T-60)			1	1			1		1				
3C	5577342	STRAINER ASSY.								1					
	25011011	STRAINER CARTRIDGE (T-936) (SPIN-ON)	1	1			1	1				1	1		
	8921410	COVER (SPIN-ON)	1	1			1	1				1	1		
	5575197	+ DECAL									1				
	5121182	PLUG, 1/4" PIPE (2.4015)		2		2	2	2	2		3	3	2		
	181370	BOLT, 3/8"-24 X 1 1/4" (12.9001)	2	2											
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)						2	2			2			
	103341	WASHER, 3/8" (12.9190)	2	2				2	2		1	2			
	103321	LOCKWASHER, 3/8" (12.9200)	2	2				2	2		1	2			
	102635	NUT, 3/8" (12.9120)									1				
	117049	NUT, 3/8"-24 (12.9120)	2	2											
+ OBSOLETE.															
2.3260 - BRACKET, FUEL STRAINER MOUNTING															
	5141337	BRACKET (FILTER AND STRAINER)	1	1											
	8920543	BRACKET									1				
	5138051	BRACKET			1										
	8922165	BRACKET				1	1								
	5183915	SPACER, 15/32" X 1 11/16" (1.7625)	1												
	5175054	SPACER, 13/32"X3/4"X1 5/8" (3.1240)	1	1											
	5121182	PLUG, 1/4" PIPE (2.4015)			2	2	2					2	2		
	5144629	BRACKET, CLIP (4.6040)									1				
	454934	BOLT, 7/16"-14 X 2 1/2" (12.9001)	1												
	5145014	PLUG, 3/8" PIPE (12.9550)			1										
	455537	BOLT, 3/8"-16X3 1/4" (12.9001)									1				
	114674	SCREW, 3/8"-16 X 1 1/4" (12.9025)			2										
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)									1				
	179838	BOLT, 3/8"-16 X 7/8" (12.9001)	2	2											
	181371	BOLT, 3/8"-24X1 3/8" (12.9001)					2								
	179828	BOLT, 5/16"-18 X 2 1/2" (12.9001)	1	1											
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)					2								
	5125608	WASHER, 15/32" X 3/4" X 1/8" (1.3112)	1												
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2		4								
	103322	LOCKWASHER, 7/16" (12.9200)	1												
	102635	NUT, 3/8"-16 (12.9120)			2										
	117049	NUT, 3/8"-24 (12.9120)					4								
2.3310 - FILTER ASSY., FUEL															
SEE ASSEMBLY BREAKDOWN PAGE B1.															
3B	5573949	FILTER ASSY. (4") (T-58)			1	1			1		1			1	
3B	6436146	* FILTER ASSY.								1					
	25010959	FILTER CARTRIDGE (TP-928)	1	1			1	1			1		1		

2.3000A FUEL FILTER AND STRAINER

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		7 3 7	7 3 8	7 4 4	7 4 7	7 4 8	7 6 7	7 6 8	7 6 9	7 7 7	7 7 8	7 8 0	7 8 1
2.3310 - FILTER ASSY., FUEL (CONT'D)													
5148171	FILTER COVER (SPIN-ON)	1	1			1	1				1	1	
5127911	ELBOW, 1/4"X1/4", .070" RESTRICTED (2.5210)								1				
5121182	PLUG, 1/4" PIPE (2.4015)	2	2	1	1		2	2		1	2	2	1
181377	BOLT, 3/8"-24X1 3/4" (12.9001)						2						
181370	BOLT, 3/8"-24 X 1 1/4" (12.9001)	2	2										
186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)			2	2			2					
103341	WASHER, 3/8" (12.9120)	2	2				2	2		2		2	
186627	BOLT, 3/8"-24X1" (12.9001)									2		2	2
103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2		2	2		2		2	2
5574083	+ DECAL									1			
117049	NUT, 3/8"-24 (12.9120)	2	2				2			2			
	+ OBSOLETE.												
	* NOT SERVICED, USE 5578475.												
2.3530 - BRACKET, FUEL FILTER MOUNTING													
5122568	BRACKET					1							
8920544	BRACKET									1			
5118896	SPACER, 3 3/16"X1 1/4"X3/8"										3		
186612	BOLT, 3/8"-16X1 1/8" (12.9001)									2			
186619	BOLT, 3/8"-16X1 1/8" (12.9001)					2							
186622	BOLT, 3/8"-16X1 1/4" (12.9001)					2							
103341	WASHER, 3/8" (12.9190)					2				2			
103321	LOCKWASHER, 3/8" (12.9200)					2				2			
102635	NUT, 3/8"-16 (12.9120)					2				2			

2.3000A FUEL FILTER AND STRAINER

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	7 8 7	7 8 8	7 8 9	8 0 1	8 0 6	8 0 7	8 0 9	8 1 1	8 1 3	8 1 7	8 2 3	8 2 4
2.3001 - STRAINER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE A1.														
3D	25011011	STRAINER CARTRIDGE (T-936) (SPIN-ON)	1	1					1					
3D	25010776	STRAINER CARTRIDGE (SPIN ON) (T-915)						1						1
3C	5575568	STRAINER ASSY. (6") (T-60)			1								1	
3C	6436075	STRAINER ASSY. (8") (T-74)					1							
3D	8921410	COVER (SPIN-ON)	1	1					1					
3D	5148023	COVER (SPIN ON) (2.3080)						1						1
	8923847	PLUG, 1/4" PIPE (4.7001)					2		3	2			2	
	5121182	PLUG, 1/4" PIPE (2.4015)	2	2	3	3								
	5145014	PLUG, 3/8" PIPE (12.9550)						3						
	8924517	PLUG, 3/8" PIPE (12.9550)												2
	179838	BOLT, 3/8"-16X7/8" (12.9001)					2							
	181370	BOLT, 3/8"-24X1 1/4" (12.9001)	2	2	2	2								
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)							4					
	103341	WASHER, 3/8" (12.9190)	2	2	2	2	2	2	2					
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2	2	2	4					
	102635	NUT, 3/8"-16 (12.9120)						2						
	117049	NUT, 3/8"-24 (12.9120)	2	2	2	2								
2.3010 - ELEMENT, FUEL STRAINER														
3C	5575032	ELEMENT (8" FELT SOCK TYPE, T-552)				1	1							
2.3260 - BRACKET, FUEL STRAINER MOUNTING														
	8922986	BRACKET	1	1	1									
	5167429	BRACKET						1						
	5183915	SPACER, 15/32"X1 11/16" (1.7625)	1											
	5175054	SPACER, 13/32"X3/4"X1 5/8" (3.1240)	1	1	1									
	454934	BOLT, 7/16"-14X2 1/2" (12.9001)	1											
	179838	BOLT, 3/8"-16X7/8" (12.9001)	2	2	2									
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)	1	1	1									
	5125608	WASHER, 15/32"X3/4"X1/8" (1.3112)	1											
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2									
	103322	LOCKWASHER, 7/16" (12.9200)	1											
2.3310 - FILTER ASSY., FUEL														
SEE ASSEMBLY BREAKDOWN PAGE B1.														
3D	25010959	FILTER CARTRIDGE (TP-928)	1	1					1			1		
3D	25010778	CARTRIDGE (SPIN ON) (TP-916)						1			1			
3B	5573949	FILTER ASSY. (4") (T-58)			1		1						1	
	5148171	FILTER COVER (SPIN-ON)	1	1				1	1		1	1		
	8924185	ELBOW, 5/16"										1		
	5121182	PLUG, 1/4" PIPE (2.4015)	2	2	2		2							
	8923847	PLUG, 1/4" PIPE (4.7001)					2	2	2	2	2		2	
	181371	BOLT, 3/8"-24X1 3/8" (12.9001)										2		
	181377	BOLT, 3/8"-24X1 3/4" (12.9001)	2	2	2								2	
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)							2					
	179839	BOLT, 3/8"-16X1" (12.9001)					2							
	5104599	BOLT, 3/8"-16X1.13" (12.9001)						1						
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)						2						
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)						2						
	5196119	SPACER, 13/32" I.D.X7/8" L. (3.4001)	2	2	2									
	103341	WASHER, 3/8" (12.9120)	2	2	2		2	2				2	2	
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2		2	2	2			2	2	
	102635	NUT, 3/8"-16 (12.9120)						2						
	117049	NUT, 3/8"-24 (12.9120)	2	2	2							2	2	

2.3000A FUEL FILTER AND STRAINER

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	7 8 7	7 8 8	7 8 9	8 0 1	8 0 6	8 0 7	8 0 9	8 1 1	8 1 3	8 1 7	8 2 3	8 2 4
		2.3320 - ELEMENT, FUEL FILTER												
	5574508	ELEMENT (8", TP509)				1								
		2.3530 - BRACKET, FUEL FILTER MOUNTING												
	5122568	BRACKET					1							
	5129243	BRACKET						1						
	5129229	BRACKET												
	179884	BOLT, 1/2"-13X1 3/8" (12.9001)										1		
	106265	WASHER, 1/2" (12.9190)										2		
		2.3570 - GASKET, FUEL FILTER MOUNTING												
		BRACKET												
	5116242	GASKET (1.2044)							1					
	5175882	GASKET (4.4115)							1					

2.3000A FUEL FILTER AND STRAINER

		TYPES									
FIG	PART NUMBER	NAME AND DESCRIPTION	8	2	5						
2.3001 - STRAINER ASSY., FUEL											
3D	25010776	CARTRIDGE (SPIN ON) (T-915)	1								
3D	8921410	COVER (SPIN ON)	1								
	8923847	PLUG, 1/4" PIPE (4.7001)	3								
2.3310 - FILTER ASSY., FUEL											
	25010778	CARTRIDGE (SPIN ON) (TP-916)	1								
	5148171	COVER (SPIN ON)	1								
	8923847	PLUG, 1/4" PIPE (4.7001)	2								
	181377	BOLT, 3/8"-24X1 3/4" (12.9001)	2								
	103341	WASHER, 3/8" (12.9190)	2								
	103321	LOCKWASHER, 3/8" (12.9200)	2								
	117049	NUT, 3/8"-24 (12.9120)	2								
2.3260 - BRACKET, FUEL STRAINER MOUNTING											
	8926386	BRACKET, STRAINER AND FILTER MOUNT	1								
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)	1								
	454933	BOLT, 7/16"-14X1 1/8" (12.9001)	2								
	103341	WASHER, 3/8" (12.9190)	1								
	103342	WASHER, 7/16" (12.9190)	2								
	103322	LOCKWASHER, 7/16" (12.9200)	2								

2.3000A FUEL FILTER AND STRAINER

PART		COLUMN														
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.3001 - STRAINER ASSY., FUEL																
	5111605	STRAINER ASSY. (PUROLATOR TYPE C-17J-30)								1						
	5136560	* STRAINER ASSY. (FILTER-SEPARATOR)				1										
C	5182041	* STRAINER ASSY. (6")	1													
C	5575568	STRAINER ASSY. (6" SOCK TYPE) (T-60)		1												
C	5575824	STRAINER ASSY. (8") (T-67)					1									
	5577342	STRAINER ASSY. (TL-70)						1								
C	6436075	STRAINER ASSY. (T-74) (2.3310)			1											
	5129449	FILTER ASSY. (FRAM TYPE FCS 1133 PLM)							1							
		* NOT SERVICED; COMPONENTS ARE AVAILABLE.														
2.3010 - ELEMENT, FUEL STRAINER																
C	5574961	ELEMENT (6", FELT SOCK TYPE, T-553) (INCLUDES GASKETS IN 2.3090 AND 2.3130)	1	1												
	5145014	PLUG, 3/8"-18 PIPE (12.9550)													1	
C	5575032	ELEMENT (8", FELT SOCK TYPE, T-552) (INCLUDES GASKETS IN 2.3090 AND 2.3130)				1		1								
	5198731	ELEMENT (METAL) (BOWSER)					1									
	1595655	ELEMENT (METAL DISC TYPE TL-12) (INCLUDES GASKET IN 2.3090)							1							
	5196878	ELEMENT (COALESCER)								1						
	5196879	ELEMENT, SEPARATOR								1						
	5194834	ELEMENT & KNIFE ASSY. (4" METAL)									1					
2.3050 - SHELL, FUEL STRAINER																
A	5192916	SHELL (6")	1													
C	5577586	SHELL (2.3380)		1												
C	5575893	SHELL ASSY. (COMPONENTS N.S.S.) (2.3380)				1		1								
	6435007	SHELL ASSY. (COMPONENTS N.S.S.)							1							
A,C	103647	DRAINCOCK, 1/4" (12.9510)	1	1	1		1	1								
2.3060 - SPRING, FUEL STRAINER																
	6435048	SPRING						1								
2.3080 - COVER, FUEL STRAINER																
C	6436253	COVER ASSY. (IDENTIFIED WITH CAST "P") (INCLUDES ITEMS IN 2.3090, 2.3120 AND 2.3130)		1			1									

2.3000A FUEL FILTER AND STRAINER

			COLUMN												
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M
		2.3080 - COVER, FUEL STRAINER (CONT'D)													
	6436746	COVER (IDENTIFIED WITH CAST "P")			1										
	6435045	+ COVER						1							
		+ OBSOLETE													
		2.3090 - GASKET, FUEL STRAINER COVER													
3A	5193801	% GASKET (2.3400)	1												
3C	5574161	GASKET (2.3400)		1	1		1								
	5198733	GASKET				1									
	5193704	GASKET								2					
	1503542	GASKET (2.3020)						1							
		% OBSOLETE													
		2.3100 - PLUG, FUEL STRAINER COVER													
	6435047	% PLUG						1							
3C	5121182	PLUG, 1/4" PIPE (2.4015)	1	2			2								
3C	444577	PLUG, 1/4" PIPE (12.9550)					2								
3C	5145014	PLUG, 3/8" PIPE (12.9550)	1	2											
		% OBSOLETE.													
		2.3120 - SCREW, FUEL STRAINER COVER													
3A	5192913	NUT (2.3410)	1												
3C	5575790	BOLT (USE WITH EARLY COVERS) (2.3410)			1										
	6435793	BOLT (USE WITH COVER MARKED "P")		1	1		1								
	6435046	BOLT						1							
		2.3130 - GASKET, FUEL STRAINER COVER SCREW													
3A	2243465	GASKET (2.3420)	1												
3C	1503536	GASKET (USE WITH EARLY COVERS) (2.3110)			1										
	6435794	GASKET (USE WITH COVER MARKED "P")		1	1		1								
	5198732	GASKET				1									

2.3000A FUEL FILTER

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.3310 - FILTER ASSY., FUEL																
3B	5121370	FILTER ASSY. (5")			1											
3B	5573949	FILTER ASSY. (4") (T-58)	1													
3B	5574533	FILTER ASSY. (8") (T-65)		1												
3B	5575009	FILTER ASSY. (8") (T-67)				1										
3B	5578475	FILTER ASSY. (4") (T-71MS)					1									
2.3320 - ELEMENT, FUEL FILTER (SECONDARY)																
3B	5573261	ELEMENT (4", TP-509) (INCLUDES GASKETS IN 2.3400, 2.3420)	1													
3B	5574508	ELEMENT (8", TP-540X) (VERTICAL PLEAT) (INCLUDES GASKETS IN 2.3400, 2.3420)		1												
3B	5196048	ELEMENT (5") (INCLUDES GASKET IN 2.3400)			1											
	5575032	ELEMENT (8", T-552 FELT SOCK TYPE) (INCLUDES GASKET IN 2.3400)				1										
3B	5578188	ELEMENT (LESS GASKET IN 2.3400)					1									
2.3322 - SEAT, FUEL FILTER ELEMENT																
3B	5574123	SEAT	1	1			1									
3B	5574126	SEAL	1	1			1									
3B	5574120	RETAINER (RING)	1	1			1									
3B	5196066	RETAINER			1											
2.3370 - SPRING, FUEL FILTER ELEMENT																
3B	5574124	SPRING	1	1			1									
3B	5196083	SPRING (GUIDE)			1											
3B	5574122	SEAT, SPRING (WASHER)	1	1			1									
2.3380 - SHELL, FUEL FILTER (SECONDARY)																
3B	5574125	SHELL ASSY. (INCLUDES ITEMS IN 2.3322 AND 2.3370)	1				1									
3B	5575169	SHELL ASSY. (INCLUDES ITEMS IN 2.3322 AND 2.3370)		1												
3B	5196062	SHELL ASSY. (INCLUDES SPRING IN 2.3370)			1											
3B	5575056	SHELL ASSY. (COMPONENTS N.S.S.)				1										
2.3390 - COVER, FUEL FILTER (SECONDARY)																
1B	6436254	COVER ASSY. (IDENTIFIED WITH CAST "S") (INCLUDES ITEMS IN 2.3400, 2.3410, 2.3420 AND 2.3480)	1	1			1									

2.3000A FUEL FILTER

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		2.3390 - COVER, FUEL FILTER (SECONDARY) (CONT'D)														
3B	5575789	COVER ASSY. (INCLUDES ITEMS IN 2.3400, 2.3410 AND 2.3420)				1										
		2.3400 - GASKET, FUEL FILTER COVER TO SHELL														
3B	5574181	GASKET	1	1		1	1									
3B	5192801	GASKET			1											
		2.3410 - SCREW, FUEL FILTER COVER														
3B	5574118	SCREW	1	1			1									
3B	131375	SCREW (VENT. IN NUT)			1											
3B	5575790	BOLT				1										
	5198085	NUT			1											
	5198066	RETAINER, NUT			1											
		2.3420 - GASKET, FUEL FILTER COVER SCREW														
3B	1503536	GASKET (2.3110)	1	1		1	1									
3B	5193710	GASKET (VENT SCREW)			1											
	2243485	GASKET (COVER NUT)			1											
		2.3480 - PLUG, FUEL FILTER														
	5121182	PLUG, 1/4" PIPE (2.4015)	2	2		2	2									
		2.3500 - DRAINCOCK, FUEL FILTER														
3B	103647	DRAINCOCK, 1/4" (12.9510)	1	1	1	1	1									

2.4000 FUEL MANIFOLD AND/OR CONNECTIONS

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		4	8										
	2.4020	PIPE, FUEL												
	5116204	* PIPE ASSY. (INLET AND OUTLET)	AR											
		* QUANTITY IS TWO TIMES CYLINDER COUNT.												
	2.4030	CONNECTOR, FUEL PIPE												
	8925643	* CONNECTOR	AR											
		* QUANTITY IS TWO TIMES CYLINDER COUNT.												
	2.4050	WASHER, FUEL PIPE CONNECTOR												
	8925644	* WASHER, 3/8"X9/16" COPPER	AR											
		* QUANTITY IS TWO TIMES CYLINDER COUNT.												

2.5000A FUEL LINES

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 5 7	3 6 0	3 6 1	3 8 3	3 8 4	3 8 6	3 8 7	3 8 8	3 8 9	3 9 0	3 9 2	3 9 4
2.5006 - VALVE, FUEL SUPPLY CHECK														
	5122279	VALVE	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
2.5010 - TUBE, FUEL SUPPLY TO STRAINER FLEXIBLE														
	5174867	HOSE, 3/8" I.D. X 24" L. (4.7100)						1	1					
	5169475	CONNECTOR (2.5210)						1	1					
	442323	CONNECTOR, 3/8" INV. FL. TUBE 1/4" P.T. (12.9460)						1	1					
	190367	ELBOW, 1/4" STREET 90 DEG. (12.9590)	1											
	5121182	PLUG, 1/4" PIPE (2.4015)						1	1					
	103327	LOCKWASHER, 7/8" (12.9200)						1	1					
	219754	NUT, 7/8"-14 (12.9120)						1	1					
2.5050 - TUBE, STRAINER TO FUEL PUMP														
4A	5121076	TUBE ASSY. (DEV. L. 12.50")	1											
4A	5121149	TUBE ASSY. (DEV. L. 39.76")		1				1						
4A	5124547	TUBE ASSY. (DEV. L. 34.36")								1				
4A	5121151	TUBE ASSY. (DEV. L. 45.16")			1				1					
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)	2	1	1			1	1	1				
	190367	ELBOW, 1/4" STREET, 90 DEG. (12.9590)												
	143338	ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)										1		
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)		1	1			1	1	1				
2.5060 - TUBE, FUEL PUMP INLET														
	5118783	HOSE, 1/4" I.D. X 14" L.									1	1		
2.5070 - CLIP, STRAINER TO FUEL PUMP TUBE														
4A	5160388	CLIP (1 3/8" L., 3/8" BOLT)	1	1	1			1		1				
4A	5177623	CLIP (3/8" TUBE) (2.5120)		1	1					1				
4A	3224539	CLIP (3/8" TUBE) (12.4095)		1	1					1				
4A	5177623	CLIP (3/8" TUBE) (2.5120)						2	2					
	5164789	SPACER (5.4025)	1											
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)	1											
2.5100 - TUBE, FUEL PUMP TO FILTER														
4A	5121081	TUBE ASSY. (DEV. L. 21.28")	1											
4A	5134897	TUBE ASSY. (DEV. L. 36.22")		1				1						
4A	5109486	TUBE ASSY. (DEV. L. 41 5/8")			1				1					

2.5000A FUEL LINES AND FUEL COOLER

PART ..FIG... NUMBER..... NAME AND DESCRIPTION			TYPES											
			3 5 7	3 6 0	3 6 1	3 8 3	3 8 4	3 8 6	3 8 7	3 8 8	3 8 9	3 9 0	3 9 2	3 9 4
2.5100 - TUBE, FUEL PUMP TO FILTER (CONT'D)														
4A	5123833	TUBE ASSY. (DEV. L. 9 1/8") (2.5050)					1							
4A	5134901	+ TUBE ASSY. (DEV. L. 30.34")								1				
4A	5131829	# TUBE ASSY. (DEV. L. 12") (2.5149)									1	1		
4A	5124890	TUBE (DEV. L. 35")											1	1
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)	1	1	1		1	1	1	1	1	1		
	5138305	* CONNECTOR ASM. 3/8" SEALASTIC (12.9415)											1	1
	5138298	* ELBOW 3/8" SEALASTIC 90 DEG. (12.9425)											2	2
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)		1	1		1	1	1	1	2	2		
	5179938	SEAL RING, 3/8" SEALASTIC (12.9435)											3	3
		* INCLUDES SEAL IN 2.5100 PLUS NUT, NOT SOLD SEPARATELY												
		# NOT SERVICED, USE 5199575 HOSE AND (2) 5199579 FITTINGS.												
		+ NOT SERVICED, USE 5199575 HOSE AND (1) EACH OF 5199579 FITTING, 5199588 FITTING AND SD-29.												
2.5101 - TUBE, FUEL PUMP TO CYLINDER HEAD														
	5123786	TUBE ASSY. (DEV. L. 14 1/2") (2.5150)				1								
	5123832	TUBE ASSY. (DEV. L. 9 1/8") (2.5150)					1							
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)				2								
2.5120 - CLIP, FUEL PUMP TO FILTER HOSE														
	5177623	CLIP, 3/8" TUBE	1										2	2
	5112241	CLAMP (2.5070)		6	6			6	6	4				
	5196119	SPACER, 13/32" I.D. X 7/8" O.D. (3.4001)	1											
	110502	BOLT, #10-24X3/4" (12.9025)			3	3		3	3	2				
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)	1											
	120217	LOCKWASHER, #10 (12.9200)		3	3			3	3	2				
	110633	NUT, #10-24 (12.9120)		3	3			3	3	2				
2.5151 - TUBE, FILTER OUTLET														
4A	5104094	TUBE ASSY. (DEV. L. 20.30")	1											
4A	5129623	TUBE ASSY. (DEV. L. 12.68")		1	1			1	1					
4A	5109655	TUBE ASSY. (DEV. L. 8.89")								1				
4A	5122581	TUBE ASSY. (DEV. L. 11 7/16")									1			
4A	5123174	TUBE ASSY. (DEV. L. 9 5/8")										1		
4A	5124908	TUBE (DEV. L. 16 7/8") (2.5150)											1	1
	143338	ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)	1											
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)	1	2	2		1	2	2	2	2	2		
	5138298	@ ELBOW ASM. 3/8" SEALASTIC 90 DEG. (12.9425)											2	2

DETROIT DIESEL

53 MPC ENGINES

2.5000A FUEL LINES

PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	3 5 7	3 6 0	3 8 1	3 8 3	3 8 4	3 8 6	3 8 7	3 8 8	3 8 9	3 9 0	3 9 2	3 9 4
		2.5151 - TUBE, FILTER OUTLET (CONT'D)												
	442323	CONNECTOR, 3/8" INV. FL TUBE (12.9480)	1	1	1			1	1	1				
	5179938	SEAL RING, 3/8" SEALASTIC (12.9435)											2	2
		2.5210 - TUBE, FUEL DRAIN												
4A	5124894	* TUBE (DEV. L. 21 1/8")											1	
	5116440	ELBOW, RESTRICTED	1		1	1	1	1	1	1	1	1		
	5124878	ELBOW, RESTRICTED											1	1
	5127911	ELBOW, 1/4" X 1/4" P.T. .070 RESTRICTED		1										
	5177483	SEAL RING, 5/16" TUBE SEALASTIC (12.9435)											1	
		* OBSOLETE; CUSTOMER TO FABRICATE FROM BULK MATERIAL SHOWN IN 12.8550.												
		@ INCLUDES SEAL IN 2.5210 PLUS NUT, NOT SOLD SEPARATELY												
		2.5215 - HOSE, FUEL DRAIN												
4A	5186063	HOSE, 1/4" X 14"						1	1		1	1		
	5169475	CONNECTOR (2.5210)						1	1					
	9432284	CONNECTOR, 5/16" INV. FL TUBE (12.9480)						1	1					
	5121182	PLUG, 1/4" PIPE (2.4015)						1	1					
	103327	LOCKWASHER, 7/8" (12.9200)						1	1					
	219754	NUT, 7/8"-14 (12.9120)						1	1					
		2.5220 - CLIP, FUEL DRAIN TUBE												
4A	3290459	CLIP, 5/16" TUBE						1	1					
	106284	BOLT, 3/8"-24X5/8" (12.9001)						1	1					
	103321	LOCKWASHER, 3/8" (12.9200)						1	1					
	117049	NUT, 3/8"-24 (12.9120)						1	1					
		2.5230 - BRACKET, FUEL DRAIN TUBE CLIP												
	5155464	BRACKET (7.1582)						1	1					

2.5000A FUEL LINES

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 9 7	4 0 5	4 0 6	4 1 0	4 1 1	4 1 3	4 1 4	4 1 5	4 1 6	4 1 7	4 1 8	4 1 9
2.5006 - VALVE, FUEL SUPPLY CHECK														
	5122279	VALVE	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	5116903	* VALVE ASSY. (CAP AND STEM) (1.1001) * USED TO TEST FUEL PRESSURE.		1										
2.5010 - TUBE, FUEL SUPPLY TO STRAINER FLEXIBLE														
	5174867	HOSE (3/8" I.D. X 24" L.) (4.7100)											1	
	5169475	CONNECTOR (2.5210)											1	
	442323	CONNECTOR, 3/8" INV. FL. TUBE 1/4" P.T. (12.9460)											1	
	190367	ELBOW, 1/4" STREET 90 DEG. (12.9590)		1	1								1	
	5121182	PLUG, 1/4" PIPE (2.4015)											1	
	103327	LOCKWASHER, 7/8" (12.9200)											1	
	219754	NUT, 7/8"-14 (12.9120)											1	
2.5050 - TUBE, STRAINER TO FUEL PUMP														
4A	5121101	TUBE ASSY. (DEV. L 3/8" X 14.80")	1										1	
4A	5125297	TUBE (DEV. L 43")		1	1									
4A	5114860	TUBE ASSY. (DEV. L 43.06")				1								
4A	5121075	TUBE ASSY. (DEV. L 7 1/2")						1						
4A	5124548	TUBE ASSY. (DEV. L 34.36")								1				
4A	5179513	TUBE ASSY. (DEV. L 39.32")									1			
4A	5121100	TUBE ASSY. (DEV. L 3/8" X 9.40")											1	1
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)						1		1	1			
	444000	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)		1	1									
	5138305	CONNECTOR ASM. 3/8" SEALASTIC (12.9415)		1	1									
	5179969	ELBOW, 3/8" 90 DEG. SEALASTIC (12.9415)		1	1									
	143338	ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)								1	1			
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)	2			1			3			2	2	2
	5179938	SEAL RING, 3/8" SEALASTIC (12.9435) * INCLUDES SEAL IN 2.5050 PLUS NUT, NOT SOLD SEPARATELY		2	2									
2.5070 - CLIP, STRAINER TO FUEL PUMP TUBE														
4A	5160388	CLIP (1 3/8" L., 3/8" BOLT)								1	1			
4A	5177623	CLIP (3/8" TUBE) (2.5120)	1			1				1	1			1
4A	3224539	CLIP (3/8" TUBE) (12.4095)								1	1			

2.5000A FUEL LINES

PART			TYPES											
..FIG	NUMBER	NAME AND DESCRIPTION	3 9 7	4 0 5	4 0 6	4 1 0	4 1 1	4 1 3	4 1 4	4 1 5	4 1 6	4 1 7	4 1 8	4 1 9
2.5100 - TUBE, FUEL PUMP TO FILTER														
4A	5121081	TUBE ASSY. (DEV. L. 21.28")					1							
4A	5134897	TUBE ASSY. (DEV. L. 36.22")											1	1
4A	5109486	TUBE ASSY. (DEV. L. 41 5/8")	1									1		
4A	5124890	TUBE (DEV. L. 35")		1	1									
4A	5109487	TUBE ASSY. (DEV. L. 41.62")				1								
4A	5121080	TUBE ASSY. (DEV. L. 15.88")						1						
4A	5134902	TUBE ASSY. (DEV. L. 31")								1				
4A	5134898	TUBE ASSY. (DEV. L. 36.22")									1			
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)	1			1	1			1	1	1	1	1
	5138298	ELBOW ASM.3/8" SEALASTIC 90 DEG. (12.9425)		2	2									
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)	1			1	1	1		1	1	1	1	1
	5179938	SEAL RING, 3/8" SEALASTIC (12.9435) * INCLUDES SEAL IN 2.5100 PLUS NUT, NOT SOLD SEPARATELY		2	2									
2.5110 - TUBE, FUEL PUMP TO FILTER FLEXIBLE														
	3248643	HOSE ASSY., 3/8" I.D. X 18" L. (4.7100)							1					
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)							2					
2.5120 - CLIP, FUEL PUMP TO FILTER TUBE														
	5133108	CLIP (3/8" TUBE) (2.5070)					1							
	5177623	CLIP (3/8" TUBE)		2	2							2	2	2
	5112241	CLAMP (2.5070)		4	4	6				4	3			
	5196119	SPACER, 13/32" I.D. X 7/8" O.D. (3.4001)					1							
	110502	BOLT, #10-24X3/4" (12.9025)		2	2	4				2	3			
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)					1							
	120217	LOCKWASHER, #10 (12.9200)		2	2	3				2	3			
	110633	NUT, #10-24 (12.9120)		2	2	3				2	3			
2.5149 - TUBE, FILTER TO CYLINDER HEAD (FLEXIBLE)														
	5131518	HOSE ASSY., 5/16" I.D. X 32" L.					1							
	193004	ELBOW, 3/8 INV. FL. TUBE 90 DEG. (12.9480)					2							
2.5151 - TUBE, FILTER OUTLET														
4A	5125319	TUBE ASSY. (DEV. L. 19.50")						1						
4A	5129623	TUBE ASSY. (DEV. L. 12.68")	1			1						1	1	1
4A	5109655	TUBE ASSY. (DEV. L. 8.89")								1				

2.5000A FUEL LINES

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 9 7	4 0 5	4 0 6	4 1 0	4 1 1	4 1 3	4 1 4	4 1 5	4 1 6	4 1 7	4 1 8	4 1 9
2.5151 - TUBE, FILTER OUTLET (CONT'D)														
A	5124908	TUBE (DEV. L. 16 7/8") (2.5150)		1	1									
A	5125318	* TUBE ASSY. (DEV. L. 19.50")					1							
A	5127639	* TUBE ASSY. (DEV. L. 18.42") (TO HEAD)							1					
	5128282	* TUBE (DEV. L. 12 1/4") (CROSSOVER)							1					
A	5134070	+ TUBE ASSY. (DEV. L. 10.15")									1			
	143338	ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)						2	1					
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)												
	5138298	@ ELBOW ASM. 3/8" SEALASTIC 90 DEG. (12.9425)	1			1			1	2	2	2	2	2
	5138293	@ ELBOW ASM. 3/8" SEALASTIC 45 DEG. (12.9425)		2	2				1					
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)							1					
	112877	BUSHING, 1/4"X1/8" RED. (12.9570)	1			1				1		1	1	1
	5179938	SEAL RING, 3/8" SEALASTIC (12.9435)		2	2				2					
* OBSOLETE; CUSTOMER TO FABRICATE FROM BULK MATERIAL SHOWN IN 12.8550.														
@ INCLUDES SEAL IN 2.5151 PLUS NUT, NOT SOLD SEPARATELY														
+ NOT SERVICED, USE 5129623 PLUS (1) 137407 CONNECTOR.														
2.5156 - CLIP, FUEL FILTER OUTLET TUBE														
	2488022	CLIP, 1/2" (12.8554)					2							
2.5210 - TUBE, FUEL DRAIN														
A	5128016	* TUBE ASSY. (DEV. 5/16"X10.12")							1					
A	5124894	* TUBE (DEV. L. 21 1/8")				1								
A	5128283	* TUBE (DEV. L. 25.82") (CROSSOVER)							1					
	5116440	ELBOW, RESTRICTED	1			1	1	1	1	1	1	1	1	1
	5124978	ELBOW, RESTRICTED		1	1									
	9432245	ELBOW, 5/16" INV. FL. TUBE 90 DEG. (12.9480)										1		
	5138293	ELBOW ASM. 3/8" SEALASTIC 45 DEG. (12.9425)												
	5138305	CONNECTOR ASM. 3/8" SEALASTIC (12.9415)							1					
	5177493	SEAL RING, 5/16" TUBE SEALASTIC (12.9435)							1					
	5179938	SEAL RING, 3/8" TUBE SEALASTIC (12.9435)				1				2				

DETROIT DIESEL

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2.5000A FUEL LINES

PART			TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	3	4	4	4	4	4	4	4	4	4
			9	0	0	1	1	1	1	1	1	1
			7	5	8	0	1	3	4	5	6	7
		2.5210 - TUBE, FUEL DRAIN (CONT'D)										
		* OBSOLETE; CUSTOMER TO FABRICATE FROM BULK MATERIAL SHOWN IN 12.8550.										
		@ INCLUDES SEAL IN 2.5210 PLUS NUT, NOT SOLD SEPARATELY										
		2.5215 - HOSE, FUEL DRAIN										
4A	5188083	HOSE, 1/4" X 14" L										1
	5189475	CONNECTOR (2.5210)										1
	9432264	CONNECTOR, 5/16" INV. FL. TUBE (12.9460)										1
	5121182	PLUG, 1/4" PIPE (2.4015)										1
	103327	LOCKWASHER, 7/8" (12.9200)										1
	219754	NUT, 7/8"-14 (12.9120)										1
		2.5220 - CLIP, FUEL DRAIN TUBE										
4A	3290459	CLIP (5/16" TUBE)										1
4A	5110070	CLIP (3/8" TUBE) (2.5210)							1			
	179839	BOLT, 3/8"-16X1" (12.9001)							1			
	106284	BOLT, 3/8"-24X5/8" (12.9001)									1	
	103341	WASHER, 3/8" (12.9190)							1			
	103321	LOCKWASHER, 3/8" (12.9200)							1		1	
	117049	NUT, 3/8"-24 (12.9120)									1	
		2.5230 - BRACKET, FUEL DRAIN TUBE CLIP										
	5155464	BRACKET (7.1582)										1

2.5000A FUEL LINES

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	4 2 0	4 2 1	4 2 2	4 2 3	4 2 4	4 2 5	4 2 6	4 2 7	4 3 3	4 4 0	4 4 1	4 4 2
	2.5006 - VALVE, FUEL SUPPLY CHECK													
	5122279	VALVE, 1/4" (SPRING TYPE)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	2.5010 - TUBE, FUEL SUPPLY TO STRAINER FLEXIBLE													
	190367	ELBOW, 1/4" STREET 90 DEG. (12.9590)				1						1		
	2.5050 - TUBE, STRAINER TO FUEL PUMP													
4A	5121100	TUBE ASSY. (DEV. L. 9.40")	1											
4A	5125766	TUBE ASSY. (DEV. L. 11.16")			1	1								
4A	5121076	TUBE ASSY. (DEV. L. 12.50")							1					
4A	5121101	TUBE ASSY. (DEV. L. 14.80")		1										
4A	5121149	TUBE ASSY. (DEV. L. 40 3/8")										1		
4A	5114860	TUBE ASSY. (DEV. L. 43.06")											1	
	143338	ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)										1	1	
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)	2	2	2	2							1	
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)							2		1			
	2.5060 - TUBE, FUEL PUMP INLET													
	5118783	HOSE ASSY., 1/4" I.D. X 14" L.									1			
	190367	ELBOW, 1/4" STREET 90 DEG. (12.9590)								1				
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)												1
	2.5070 - CLIP, STRAINER TO FUEL PUMP TUBE													
1A	5160388	CLIP (AT FRONT COVER) (3/8" TUBE)										1		
1A	5177623	CLIP (AT WATER PUMP) (3/8" TUBE) (2.5120)										1	1	
1A	3224539	CLIP (AT FRONT COVER) (3/8" TUBE) (12.4095)										1		
	2.5100 - TUBE, FUEL PUMP TO FILTER													
1A	5134898	TUBE ASSY. (DEV. L. 36.22")	1					1						
1A	5109487	TUBE ASSY. (DEV. L. 41.62")		1									1	
1A	5125765	TUBE ASSY. (DEV. L. 10.62") (2.5050)			1									
1A	5121080	TUBE ASSY. (DEV. L. 15.88")					1							1
1A	5109486	TUBE ASSY. (DEV. L. 41 5/8")						1						

2.5000A FUEL LINES AND FUEL COOLER

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 2 0	4 2 1	4 2 2	4 2 3	4 2 4	4 2 5	4 2 6	4 2 7	4 3 3	4 4 0	4 4 1	4 4 2
2.5100 - TUBE, FUEL PUMP TO FILTER (CONT'D)														
4A	5121081	TUBE ASSY. (DEV. L. 21.28")								1				
4A	5134897	TUBE ASSY. (DEV. L. 36.22")										1		
	5131829	# HOSE, 5/16" I.D. X 12" L.									1			
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)	1	1			1	1	1	1	1	1	1	1
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)	1	1	2		1	1	1	1		1	1	1
		# NOT SERVICED, USE 5199575 HOSE AND (2) 5199579 FITTINGS.												
2.5110 - HOSE, FUEL PUMP TO FILTER														
	3248642	HOSE ASSY., 3/8" I.D. X 12" L. (4.7100)				1								
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)				2								
2.5120 - CLIP, FUEL PUMP TO FILTER HOSE														
	5177623	CLIP (3/8" TUBE)	2	2				2						
	5160388	CLIP (3/8" TUBE) (2.5070)							1	1				1
	5177623	CLIP (3/8" TUBE)												
	5112241	CLAMP (2.5070)										6	6	
	5196119	SPACER, 13/32" I.D. X 7/8" O.D. (3.4001)								1				1
	110502	BOLT, #10-24X3/4" (12.9025)										3	3	
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)							1					1
	120217	LOCKWASHER, #10 (12.9200)										3	3	
	110633	NUT, #10-24 (12.9120)										3	3	
2.5151 - TUBE, FILTER OUTLET														
	5123174	TUBE (DEV. L. 9 5/8")									1			
	5129623	TUBE ASSY. (DEV. L. 12.68")	1	1				1	1			1		
	5126360	* TUBE ASSY. (DEV. L. 16 13/32")											1	
	5125319	TUBE ASSY. (DEV. L. 19.50")								1				1
	5199575	HOSE, BULK #6 (CUT L. 16")			1	1								
	5103959	TUBE ASSY. (FILTER TO MANIFOLD)					1							
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)	2	2	2		1	2	2		2	2	2	2
	143338	ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)			2	2	1			2				
	5199579	FITTING, #6 HOSE (5/8"-18 MALE INV. FL. STRAIGHT) (12.8552)			1	1								
	5199593	FITTING, #6 HOSE (5/8"-18 MALE INV. FL.) (45 DEG.) (12.8552)			1	1								
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)	1	1				1	1			1		
		* NOT SERVICED, USE 5199575 BULK HOSE PLUS (1) 5199579 AND (1) 5199593 FITTINGS AND CUT TO SUIT.												

53 MPC ENGINES

DETROIT DIESEL

2.5000A FUEL LINES

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 2 0	4 2 1	4 2 2	4 2 3	4 2 4	4 2 5	4 2 6	4 2 7	4 3 3	4 4 0	4 4 1	4 4 2
		2.5156 - CLIP, FILTER OUTLET TUBE												
	3224539	CLIP, 3/8" TUBE (12.4095)			1	1				1				1
	5177623	CLIP, 3/8" TUBE (2.5120)					1							
	2488022	CLIP #6 HOSE (NEOPRENE COATED) (12.8554)			1	1								
	103341	WASHER, 3/8" (12.9190)			1	1								1
		2.5210 - TUBE, FUEL DRAIN												
4A	5116440	ELBOW, RESTRICTED	1	1	1	1	1	1	1	1	1	1	1	1
		2.5215 - HOSE, FUEL DRAIN												
	5186063	HOSE, 1/4" I.D. X 14"L									1			

2.5000A FUEL LINES

PART			TYPES														
FIG	NUMBER	NAME AND DESCRIPTION	4 4 3	4 5 5	4 5 6	4 6 0	4 6 2	4 6 4	4 6 5	4 6 6	4 6 7	4 6 8	4 7 1				
2.5006 - VALVE, FUEL SUPPLY CHECK																	
	5122279	VALVE, 1/4" (SPRING TYPE)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR				
2.5010 - TUBE, FUEL SUPPLY TO STRAINER FLEXIBLE																	
4A	5113689	* HOSE, 3/8" I.D. X 34" L. (7.4699)												1			
	190367	ELBOW, 1/4" STREET 90 DEG. (12.9590)	1											1			
	5113214	FITTING (3/8" HOSE X 1/4" EXT. P.T.) (12.6689)												1			
	5114049	FITTING (3/8" HOSE X 3/8" INV. FL. TUBE SWIVEL) (1.2001)												1			
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)												1			
	122865	COUPLING, 1/4" P.T. (12.9575) * STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												1			
2.5020 - CLIP, FUEL SUPPLY TO STRAINER TUBE																	
	5171509	CLIP, 5/8" TUBE (9.1591)												1			
2.5050 - TUBE, STRAINER TO FUEL PUMP																	
4A	5121075	TUBE ASSY. (DEV. L. 7.46")		1				1									
4A	5121076	TUBE ASSY. (DEV. L. 12.50")			1												
4A	5121149	TUBE ASSY. (DEV. L. 40 3/8")											1				
4A	5125297	TUBE ASSY. (DEV. L. 42.96")												1			
4A	5121151	TUBE ASSY. (DEV. L. 45.16")										1					
	9432249	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)															
	143338	ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)		1													
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)							1			1	1				
	5138298	* ELBOW ASM. 3/8" SEALASTIC 90 DEG. (12.9425)														1	
	444000	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)														1	
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)														1	
	5179936	CONNECTOR, 3/8" TUBE SEALASTIC (12.9415)	1	2				1			1	1					
	5179938	SEAL RING, 3/8" SEALASTIC (12.9435) * INCLUDES SEAL IN 2.5050 PLUS NUT, NOT SOLD SEPARATELY														1 2	