

5.3000A RADIATOR

PART FIG . . . NUMBER	NAME AND DESCRIPTION	TYPES													
		1 0 7	1 0 8	1 1 0	1 1 1	1 1 6	1 1 8	1 2 8	1 2 9	1 3 0	1 4 4	1 4 5	1 4 6	1 4 7	
5.3001 - RADIATOR ASSY.															
A RADIATOR ASSY. INCLUDES ITEMS IN 5.3001, 5.3100, 5.3120, AND 5.3130.															
5119264	RADIATOR ASSY., 2-53	1				1									
5119023	RADIATOR ASSY., 3,4-53		1		1			1						1	
5122879	RADIATOR ASSY., 4-53			1											
3147651	RADIATOR ASSY., 6V53						1			1	1				
5142700	RADIATOR ASSY., 3,4-53								1						
8922091	RADIATOR ASSY. 3 & 4-53T											1			
8922092	RADIATOR ASSY., 6V53												1		
5196524	ADAPTOR, 1/4" PIPE THD. RADIATOR FLANGE 2-53	1				1									
5196525	TUBE, RADIATOR INLET 2-53	1				1									
103647	DRAINCOCK, 1/4" (12.9510)	1	1	1	1	1						1			
148344	DRAINCOCK, 1/4" (12.9510)												1		
103647	DRAINCOCK, 1/4" (12.9510)													1	
9426177	SCREW, #10-16X7/8" RD. HD.	6				6									
186625	BOLT, 5/16"-18X7/8" (12.9001)	6		8	8	6		4							
186629	BOLT, 5/16"-18X1" (12.9001)		8							10			10	8	
186627	BOLT, 3/8"-24X1" (12.9001)									8					
181360	BOLT, 3/8"-24X3/4" (12.9001)											8			
120393	WASHER, 5/16" (12.9190)	6	8			6		8		10			10	4	
103341	WASHER, 3/8" (12.9190)									8					
103320	LOCKWASHER, 5/16" (12.9200)	6	8	8	8	6				8	10		10	8	
103321	LOCKWASHER, 3/8" (12.9200)								8			8			
5.3015 - SHELL ASSY., RADIATOR															
5134117	SHELL ASSY., 2-53	1													
5135963	SHELL ASSY., 3,4-53		1	1	1	1									
5123403	SHELL ASSY., 2-53					1									
5143711	SHELL ASSY., 3-53							1							
5140952	SHELL ASSY., 6V53									1	1				
5139763	SHELL ASSY., 3 4-53									1					
5125691	SUPPORT, RADIATOR SHELL 2-53 (A ENGINE)	1													
5126066	SUPPORT, RADIATOR SHELL 3,4-53 (UPPER)(BLOWER SIDE) (C ENGINE)		1	1				2						1	
5131200	SUPPORT, RADIATOR SHELL 4-53 (UPPER)(EXHAUST SIDE) (C ENGINE)		1	1										1	
5126061	SUPPORT, RADIATOR SHELL 3,4-53 (LOWER)(BLOWER SIDE)		1	1	1			1						1	
5126062	SUPPORT, RADIATOR SHELL 3,4-53 (LOWER)(EXHAUST SIDE)		1	1	1			1						1	
5126065	SUPPORT, RADIATOR SHELL 3-53 (UPPER)(BLOWER SIDE)					1									
5126064	SUPPORT, RADIATOR SHELL 3-53 (UPPER)(EXHAUST SIDE)					1									
5139347	SUPPORT, RADIATOR SHELL 2-53 (UPPER)(C ENGINE)						1								
5164294	SPACER, 13/32"X7/8"X1/8" 4-53 (7.1581)		1											1	
5130179	SPACER, 3/4"X.40"X.18" 2,3,4-53 (12.5023)		1			1								1	
5143368	SHIM, 1/4" THICK									2					
443603	BOLT, 1/4"-20X3/4" (12.9001)	1													
179816	BOLT, 5/16"-18X3/4" (12.9001)		4	4	4										
179819	BOLT, 5/16"-18X1 1/8" (12.9001)							4							

5.3000A RADIATOR

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION												
		1 0 7	1 0 8	1 1 0	1 1 1	1 1 6	1 1 8	1 2 8	1 2 9	1 3 0	1 4 4	1 4 5	1 4 6	1 4 7
5.3015 - SHELL ASSY., RADIATOR (CONT'D)														
179838	BOLT, 3/8"-16X7/8" (12.9001)		1	1	1									1
186622	BOLT, 3/8"-16X1 1/4" (12.9001)	1						1						
181360	BOLT, 3/8"-24X3/4" (12.9001)	8	6	7	7	8		7						
181374	BOLT, 3/8"-24X1 1/2" (12.9001)		1			1								1
186627	BOLT, 3/8"-24X1" (12.9001)		2	2	2			2						1
181377	BOLT, 3/8"-24X1 3/4" (12.9001)								6	4				
120392	WASHER, 1/4" (12.9190)	2				2								
120393	WASHER, 5/16" (12.9190)		4											
120394	WASHER, 3/8" (12.9190)			6	6									
103341	WASHER, 3/8" (12.9190)		7			8		6		4				1
5170971	WASHER, BEVEL								6	4				
120380	LOCKWASHER, 1/4" (12.9200)	2				2								
103320	LOCKWASHER, 5/16" (12.9200)							4						
103321	LOCKWASHER, 3/8" (12.9200)	8	8	9	9	8		9	6	4				2
120375	NUT, 1/4"-20 (12.9120)	2				2								
102635	NUT, 3/8"-16 (12.9120)	1												
117049	NUT, 3/8"-24 (12.9120)	8	8	9	9	8		9		4				
103026	NUT, 3/8"-24 (12.9120)								6					
5.3100 - NECK ASSY., RADIATOR FILLER														
5196607	NECK	1				1								
5.3120 - CAP, RADIATOR FILLER														
850802	CAP, 2-53	1				1								
5197822	CAP, 3,4-53		1	1	1			1				1		1
5197679	CAP, 6V53						1			1	1		1	
5.3160 - PIPE, RADIATOR OVERFLOW														
5124238	HOSE, 3/8" I.D. X 50" L. (CUT L. 8") (1.1060)						1			1	1			
5.3268 - NAME PLATE, RADIATOR														
5144861	DECAL, 2,3,4,6V53	2	2	2	2	2		2		2				1

5.3000A RADIATOR

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 4 8	1 4 9	1 5 6	1 5 8	1 5 9	1 6 2					
5.3001 - RADIATOR ASSY.													
NPN		RADIATOR ASSY. (CUSTOMER FURNISHED)	1										
8927124		RADIATOR ASSY.		1									
8927127		RADIATOR ASSY.			1		1						
8927126		RADIATOR ASSY.				1		1					
186629		BOLT, 5/16"-18X1" (12.9001)						10					
120393		WASHER, 5/16" (12.9190)						10					
103320		LOCKWASHER, 5/16" (12.9200)						10					
5.3015 - SHELL ASSY., RADIATOR													
5135963		SHELL ASSY., 4-53	1										
5140952		SHELL ASSY., 4-53		1	1			1					
5126066		SUPPORT, RADIATOR SHELL 4-53 (UPPER) (BLOWER SIDE) (D ENGINE)	1										
5131200		SUPPORT, RADIATOR SHELL 4-53 (UPPER) (EXHAUST SIDE) (D ENGINE)	1										
5126061		SUPPORT, RADIATOR SHELL 4-53 (LOWER) (BLOWER SIDE)	1										
5126062		SUPPORT, RADIATOR SHELL 4-53 (LOWER) (EXHAUST SIDE)	1										
5164294		SPACER, 13/32"X7/8"X1/8" (7.1581)	1										
5130179		SPACER, 3/4"X.40"X.18" (12.5023)	1										
179838		BOLT, 3/8"-16X7/8" (12.9001)	1										
181360		BOLT, 3/8"-24X3/4" (12.9001)	6										
186627		BOLT, 3/8"-24X1" (12.9001)	3										
181374		BOLT, 3/8"-24X1 1/2" (12.9001)	1										
103341		WASHER, 3/8" (12.9190)	7										
103321		LOCKWASHER, 3/8" (12.9200)	9										
117049		NUT, 3/8"-24 (12.9120)	8										
5.3120 - CAP, RADIATOR FILLER													
850802		CAP, 4, 6V53		1	1	1	1	1					
5.3160 - PIPE, RADIATOR OVERFLOW													
5124238		HOSE, 3/8" I.D.X50" L (CUT L 8") (1.1060)		1	1			1					
5.3268 - NAME PLATE, RADIATOR													
5144861		DECAL	1	1				1					

5.30008 WATER CONNECTIONS

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 1 7	1 1 8	1 1 9	1 2 1	1 2 2	1 2 3	1 3 2	1 3 3	1 3 5	1 3 6	1 3 9	1 4 0
		5.3275 - CONNECTION, THERMOSTAT HOUSING WATER OUTLET												
	5119120	FLANGE, 2.3,4,6V53 (5.2035)						1	1				1	1
	179838	BOLT, 3/8"-16X7/8" (12.9001)						2					2	2
	179839	BOLT, 3/8"-16X1" (12.9001)							2					
	103321	LOCKWASHER, 3/8" (12.9200)						2	2				2	2
		5.3281 - GASKET, THERMOSTAT HOUSING WATER OUTLET CONNECTION												
	5118092	GASKET, 2.3,4,6V53 (5.2037)						1	1				1	1
		5.3290 - HOSE, RADIATOR INLET												
	5199776	# HOSE, 1 3/4" I.D. X 6" L, 2-53 (5.3295)			1									
	5129251	HOSE, 2.3,4-53 (FORMED)				1				1	1	1		
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		5.3295 - HOSE, HEAT EXCHANGER FRESH WATER INLET												
6A	5199777	# HOSE, 1 7/8" X 2" 2, 3, 4-53 (5.5680) (5.3422)						1						
6A	5199778	# HOSE, 1 3/4" I.D. X 2" L 2-53 # STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												1
		5.3300 - CLAMP, RADIATOR INLET HOSE												
	111622	CLAMP, 2 1/8" DIA. HOSE (12.9660)			2	2				2		2		
	2337379	CLAMP, 1 1/2" DIA. HOSE (12.9660)									2			
		5.3305 - CLAMP, HEAT EXCHANGER FRESH WATER INLET HOSE												
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)						2						2
		5.3310 - CONNECTION, RADIATOR OUTLET												
	5199778	TUBE, 2-53			1									
	5125061	TUBE, 3-53									1	1		
	148344	DRAINCOCK, 5/16" (12.9510)			1									

5.3000B WATER CONNECTIONS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 7	1 8	1 9	1 2 1	1 2 2	1 2 3	1 3 2	1 3 3	1 3 5	1 3 6	1 3 9	1 4 0
		5.3312 - CONNECTION, HEAT EXCHANGER FRESH WATER OUTLET												
	5121203	ELBOW, 3,4,6V53 (5.5550)						1					1	
	179826	BOLT, 5/16"-18X2" (12.9001)						2					2	
	103320	LOCKWASHER, 5/16" (12.9200)						2					2	
		5.3313 - CONNECTION, EXPANSION TANK WATER INLET												
	5125005	ELBOW, 2-53												1
	179816	BOLT, 5/16"-18X3/4" (12.9001)												2
	103320	LOCKWASHER, 5/16" (12.9200)												2
		5.3314 - CONNECTION, HEAT EXCHANGER FRESH WATER INLET												
5A	5119058	ELBOW, 2,3,4-53 (5.5440)						1						
	179826	BOLT, 5/16"-18X2" (12.9001)						2						
	103320	LOCKWASHER, 5/16" (12.9200)						2						
		5.3315 - BRACKET, EXPANSION TANK INLET CONNECTION												
	5125010	+ BRACKET, 2-53												1
	179816	BOLT, 5/16"-18X3/4" (12.9001)												2
	179839	BOLT, 3/8"-16X1" (12.9001)												2
	103320	LOCKWASHER, 5/16" (12.9200)												2
		+ OBSOLETE												
		5.3322 - GASKET, EXPANSION TANK WATER INLET CONNECTION												
	5165808	GASKET, 2-53 (5.2130)												1
		5.3323 - GASKET, HEAT EXCHANGER FRESH WATER INLET CONNECTION												
	5119206	GASKET, 2,3,4,6V53 (6.1110)						1						
		5.3325 - GASKET, HEAT EXCHANGER FRESH WATER OUTLET CONNECTION												
6A	5116357	GASKET, 3,4-53 (1.1070)						1					1	

5.3000B WATER CONNECTIONS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 7	1 8	1 9	1 2 1	1 2 2	1 2 3	1 3 2	1 3 3	1 3 5	1 3 6	1 3 9	1 4 0
5.3330 - HOSE, RADIATOR OUTLET														
	5111151	# HOSE (2" I.D. X 4 1/2") 2,3,4-53				1	1			1				
	5199778	# HOSE (2" I.D. X 2") 2, 3, 4-53 (3.1270)				1	1			1	1	1		
	5110373	# HOSE (2" I.D. X 3") 3,4-53									1	1		
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
5.3334 - HOSE, HEAT EXCHANGER TO FRESH WATER PUMP														
6A	5121204	# HOSE (2" I.D., FORMED) 2,3,4-53 (4.4211)						1					1	1
6A,B	5199778	# HOSE (2" I.D. X 2") 6V53 (3.1270)												1
	5125014	TUBE, 2-53 (2" I.D. X 10.90" DEV. L.)												1
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
5.3340 - CLAMP, RADIATOR OUTLET HOSE														
@	111825	CLAMP, 2 3/8" DIA. HOSE (12.9660)				4	4			4		4		
@	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)									4			
		@ FIG. 4A OF 4.0000.												
5.3341 - CLAMP, HEAT EXCHANGER TO WATER PUMP HOSE														
5A	8920537	CLAMP, 1 9/16"-2 1/3" DIA. HOSE (12.9660)						2					2	AR
5.3420 - ELBOW, OIL COOLER WATER OUTLET														
1A	5119026	* ELBOW, 3,4-53	1	1										
	5121184	* ELBOW, 2,3,4-53				1	1	1		1	1	1		
1A	5125506	* ELBOW, 2-53												1
	5121182	PLUG, 1/4" PIPE (2.4015)						1				1		
	5198558	BUSHING, 3/8" X 1/4" (2.2030)						1						
@	179819	BOLT, 5/16"-18 X 1 1/8" (12.9001)	2	2	2	2	2		2	2	2	2	2	2
@	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2		2	2	2	2	2	2
		@ FIG. 4A OF 4.0000.												
		* NOT SERVICED; USE 5138275 PLUS (2) 5145014.												
5.3421 - GASKET, OIL COOLER WATER OUTLET ELBOW														
@	5118357	GASKET, 2,3,4,6V53 (1.1070)	1	1	1	1	1		1	1	1		1	
		@ FIG. 4A OF 4.0000.												

5.3000B WATER CONNECTIONS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 7	1 8	1 9	1 2 1	1 2 2	1 2 3	1 3 2	1 3 3	1 3 5	1 3 6	1 3 9	1 4 0
		5.3422 - HOSE, OIL COOLER WATER OUTLET ELBOW												
@	5199777	# HOSE (1 7/8" I.D. X 3/4") 2,3,4-53	1	1	1	1	1			1	1	1		1
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	2	2							2			
@	111625	CLAMP, 2 3/8" DIA. HOSE (12.9660)			2	2	2							
	272865	CLAMP, 2 9/32" DIA. HOSE (12.9660)								2	2	2		2
		@ FIG. 4A OF 4.0000.												
		* FIG. 10C OF 1.0000.												
		# STD. LENGTH HOSE: CUT TO LENGTH SHOWN.												
		5.3430 - CONNECTOR, EXHAUST MANIFOLD FRESH WATER INLET												
5B	5119209	ELBOW, 2,3,4,6V53 (5.2161)						1	1				1	1
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)						2	2				2	2
	103321	LOCKWASHER, 3/8" (12.9200)						2	2				2	2
		5.3431 - GASKET, EXHAUST MANIFOLD FRESH WATER INLET CONNECTION												
	5116242	GASKET, 2,3,4,6V53 (1.2044)						1	1				1	1
		5.3432 - HOSE, EXHAUST MANIFOLD FRESH WATER INLET												
5A,B	5122887	HOSE, 2,3,4,6V53 (FORMED)						1	1				1	1
		5.3434 - CLAMP, EXHAUST MANIFOLD FRESH WATER INLET HOSE												
7A	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)						2	2				2	2
		5.3460 - FLANGE, EXHAUST MANIFOLD WATER OUTLET												
6A	5121175	FLANGE, 2,3,4,6V53 (6.2085)						1	1				1	1
	5145009	PLUG, 1/8" PIPE (12.9550)						1	1				1	1
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)						5	5				5	5
	103321	LOCKWASHER, 3/8" (12.9200)						5	5				5	5
		5.3461 - GASKET, EXHAUST MANIFOLD WATER OUTLET FLANGE												
6A,B	5119208	GASKET, 2,3,4,6V53 (6.1150)						1	1				1	1

DETROIT DIESEL

53 MPC ENGINES

5.30008 WATER CONNECTIONS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 7	1 8	1 9	1 2 1	1 2 2	1 2 3	1 3 2	1 3 3	1 3 5	1 3 6	1 3 9	1 4 0
	5.3465	VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE												
	5126315	TUBE ASSY., 3,4-53 (DEV. L 7.20") (D ENGINE)											1	
	5126316	TUBE ASSY., 3,4-53 (DEV. L 7.20") (B ENGINE)											1	
	5123164	TUBE ASSY., 2,3,4,6V53 (DEV. L 9 1/2") (5.2250)							1					
	225810	ELBOW, 3/8" INV. FL TUBE 90 DEG. (12.9480)							1				1	
	444052	ELBOW, 1/8" STREET 45 DEG. (12.9590)						1					1	1
	442321	CONNECTOR, 1/4" INV. FL TUBE (12.9480)							1				1	
	114981	DRAINCOCK, 1/8" (12.9510)						1					1	1
	5.3486	PLUG, HEAT EXCHANGER TANK												
	113175	PLUG, 1/8" PIPE (12.9550)						1						

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

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5.30008 WATER CONNECTIONS

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES										
			1 4 1	1 4 2	1 4 3	1 4 4	1 4 5	1 4 6	1 4 7	1 4 8	1 5 5	1 5 6	1 5 7
		5.3310 - CONNECTION, RADIATOR OUTLET (CONT'D)											
		+ OBSOLETE.											
		5.3312 - CONNECTION, HEAT EXCHANGER FRESH WATER OUTLET											
6B	5125214	ELBOW, 6V53						1		1			
	5121203	ELBOW, 3,4,6V53 (5.5550)	1										
	179828	BOLT, 5/16"-18X2" (12.9001)	2										
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)						2		2			
	103320	LOCKWASHER, 5/16" (12.9200)	2					2		2			
		5.3314 - CONNECTION, HEAT EXCHANGER FRESH WATER INLET											
5A	5125215	TEE, 6V53						1					
	5119058	ELBOW, 2,3,4-53 (5.5440)	1										
	179828	BOLT, 5/16"-18X2" (12.9001)	2										
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)						2					
	103320	LOCKWASHER, 5/16" (12.9200)	2					2					
		5.3323 - GASKET, HEAT EXCHANGER FRESH WATER INLET CONNECTION											
	5119206	GASKET, 2,3,4,6V53 (6.1110)	1					1					
		5.3325 - GASKET, HEAT EXCHANGER FRESH WATER OUTLET CONNECTION											
6A	5116357	GASKET, 3,4-53 (1.1070)	1										
		5.3330 - HOSE, RADIATOR OUTLET											
	5199778	# HOSE (2" I.D. X 2") 2, 3, 4-53 (3.1270)				1							
	5199778	# HOSE (2" I.D. X 5.38") 2-53 (3.1270)					1						
	5127135	HOSE 3,4-53 (2" I.D., FORMED)									2		2
	5127618	CLIP (5.3310)									1		1
	181365	BOLT, 3/8"-24X1 1/8" (12.9001)									1		1
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.											
		5.3334 - HOSE, HEAT EXCHANGER TO FRESH WATER PUMP											
6A	5121204	HOSE 2,3,4-53 (2" I.D., FORMED) (4.4211)	1										
6A,B	5199778	# HOSE (2" I.D. X 2") 2, 6V53 (3.1270)						1		1			

5.3000B WATER CONNECTIONS

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	1 4 1	1 4 2	1 4 3	1 4 4	1 4 5	1 4 6	1 4 7	1 4 8	1 5 5	1 5 6	1 5 7
	5.3334	HOSE, HEAT EXCHANGER TO FRESH WATER PUMP (CONT'D)											
		≠ STD. LENGTH HOSE, CUT TO LENGTH SHOWN.											
	5.3340	CLAMP, RADIATOR OUTLET HOSE											
@	111625	CLAMP, 2 3/8" DIA. HOSE (12.9660)				4	4						4
@	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)									4		
	5135647	CLAMP, 2 3/4"-3" DIA. HOSE (12.9660)									4		
		@ FIG. 4A OF 4.0000.											
	5.3341	CLAMP, HEAT EXCHANGER TO WATER PUMP HOSE											
5A	8920537	CLAMP, 1 9/16"-2 1/3" DIA. HOSE (12.9660)	2					AR		AR			
	5.3420	ELBOW, OIL COOLER WATER OUTLET											
1A	5116328	* ELBOW, 2,3,4-53 (ADAPTOR TO BLOCK)					1						
1A	5121184	* ELBOW, 2,3,4-53	1			1					1		1
1A	5125505	* ELBOW, 2,3,4-53		1	1								
1B	5119385	@ ELBOW, 6V53						1	1	1		1	
	5121182	PLUG, 1/4" PIPE (2.4015)									1		
	5145014	PLUG, 3/8" PIPE (12.9550)									2		
#	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2
#	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2	2	2	2
		* NOT SERVICED; USE 5138275 PLUS (2) 5145014 PLUGS.											
		@ NOT SERVICED; USE 5135679 PLUS (1) 5163824 HOSE AND (1) 5103185 PLUG.											
		≠ FIG. 4A OF 4.0000.											
	5.3421	GASKET, OIL COOLER WATER OUTLET ELBOW											
#	5116357	GASKET, 2,3,4,6V53 (1.1070)	1	1	1	1	1	1	1	1	1	1	1
		≠ FIG. 4A OF 4.0000.											
	5.3422	HOSE, OIL COOLER WATER OUTLET ELBOW											
*@	5199777	# HOSE, 1 7/8" I.D. X 4 3/4" 2, 3, 4-53	1	1	1	1	1				1		1
5B	5199778	# HOSE, 2" I.D. X 2" 6V53 (3.1270)						1	1	1			
5B	5199777	# HOSE, 1 3/8" I.D. X 2" L 6V53										1	

5.3000B WATER CONNECTIONS

PART			TYPES														
..FIG ..	NUMBER	NAME AND DESCRIPTION	1 4 1	1 4 2	1 4 3	1 4 4	1 4 5	1 4 6	1 4 7	1 4 8	1 5 5	1 5 6	1 5 7				
	5.3422	HOSE, OIL COOLER WATER OUTLET ELBOW (CONT'D)															
	111625	* CLAMP, 2 3/8" DIA. HOSE (12.9660)			2							2					
	272865	CLAMP, 2 9/32" DIA. HOSE (12.9660)	2	2		2	2	2	2	2	2		2	2			
		* FIG. 4A OF 4.0000.															
		@ FIG. 10C OF 1.0000.															
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.															
	5.3430	CONNECTOR, EXHAUST MANIFOLD FRESH WATER INLET															
5B	5119209	ELBOW, 2,3,4,6V53 (5.2161)	1	1				2	2	2							
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)	2	2													
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)						4	4	4							
	103321	LOCKWASHER, 3/8" (12.9200)	2	2				4	4	4							
	5.3431	GASKET, EXHAUST MANIFOLD FRESH WATER INLET CONNECTION															
	5116242	GASKET, 2,3,4,6V53 (1.2044)	1	1				2	2	2							
	5.3432	HOSE, EXHAUST MANIFOLD FRESH WATER INLET															
5A,B	5122887	HOSE, 2,3,4,6V53 (FORMED)	1	1				2	2	2							
	5.3434	CLAMP, EXHAUST MANIFOLD FRESH WATER INLET HOSE															
7A	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	2	2				4	4	4							
	5.3460	FLANGE, EXHAUST MANIFOLD WATER OUTLET															
6A	5121175	FLANGE, 2,3,4,6V53 (6.2085)	1	1					2								
	5145009	PLUG, 1/8" PIPE (12.9550)	1	1					2								
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)	5	5					10								
	103321	LOCKWASHER, 3/8" (12.9200)	5	5					10								
	5.3461	GASKET, EXHAUST MANIFOLD WATER OUTLET FLANGE															
6A,B	5119208	GASKET, 2,3,4,6V53 (6.1150)	1	1					2								

5.3000B WATER CONNECTIONS

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 4 1	1 4 2	1 4 3	1 4 4	1 4 5	1 4 6	1 4 7	1 4 8	1 5 5	1 5 6	1 5 7
		5.3485 - VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE											
	5123164	TUBE ASSY., 2.3,4,6V53 (DEV. L 9 1/2") (5.2250)			1				1				
58	5128921	# TUBE ASSY., 6V53 (CYLINDER HEAD TO HEAT EXCHANGER., RIGHT BANK)(DEV. L 10.42")						1		1			
58	5128957	# TUBE ASSY., 6V53 (CYLINDER HEAD TO HEAT EXCHANGER., LEFT BANK)(DEV. L 9.38")						1		1			
58	5128935	* TUBE ASSY., 6V53 (THERMOSTAT HOUSING TO EXPANSION TANK, RIGHT BANK)(DEV. L 13.18")						1		1			
58	5128934	* TUBE ASSY., 6V53 (THERMOSTAT HOUSING TO EXPANSION TANK, LEFT BANK)(DEV. L 12.56")								1			
	178685	TEE, 1/4" INV. FL TUBE (12.9490)								2			
	144045	BUSHING, 1/2"X1/4" RED. PIPE (12.9570)								2			
	225810	ELBOW, 3/8" INV. FL TUBE 90 DEG. (12.9480)			1			2	1				
	444052	ELBOW, 1/8" STREET 45 DEG. (12.9590)	1						2				
	9432337	ELBOW, 1/4" INV. FL TUBE 90 DEG. (12.9480)								2			
	442321	CONNECTOR, 1/4" INV. FL TUBE (12.9460)			1			2	1	2			
	114981	DRAINCOCK, 1/8" (12.9510)	1						2				
		# NOT SERVICED, USE (1) 5129867 HOSE TOGETHER WITH (2) 5114048 FITTINGS.											
		* NOT SERVICED, USE (1) 5129867 HOSE TOGETHER WITH (2) 5114048 FITTINGS.											
		5.3486 - PLUG, HEAT EXCHANGER TANK											
	113175	PLUG, 1/8" PIPE (12.9550)	1										

5.3000B WATER CONNECTIONS

PART			TYPES											
.FIG	NUMBER	NAME AND DESCRIPTION	1 5 9	1 6 0	1 6 1	1 6 3	1 6 4	1 6 5	1 6 6	1 6 7	1 6 8	1 6 9	1 7 3	1 7 4
5.3275 - CONNECTION, THERMOSTAT HOUSING WATER OUTLET														
6A	5119120	FLANGE, 3,4-53 (5.2035)	1											
	5100271	TUBE, 3,4-53 (1 1/2" O.D.X19.26" DEV. L)									1			
	5108382	TUBE, 4-53 (1 1/2" O.D. X 13.26" DEV. L)											1	
	5163930	# HOSE, 1 1/2" I.D. X 2 1/4" L. 3, 4-53									1	1		
	5100279	HOSE, 1 1/2" I.D. X 9 5/8" 3, 4-53									1	1		
	2337379	CLAMP, 1 7/8" DIA. HOSE (12.9660)									4	4		
	5100241	+ BRACKET, 3,4-53									1			
	5108277	BRACKET, 4-53											1	
	5158779	CLIP (5.5376)									1	1		
	186615	BOLT, 5/16"-18X7/8" (12.9001)									1	1		
	179838	BOLT, 3/8"-16X7/8" (12.9001)	2										1	
	179867	BOLT, 7/16"-14X2 1/4" (12.9001)									2			
	5164360	WASHER, 7/16" (6.1001)									4			
	103320	LOCKWASHER, 5/16" (12.9200)									1		1	
	103321	LOCKWASHER, 3/8" (12.9200)											AR	
	120376	NUT, 5/16"-18 (12.9120)									1	1		
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		+ OBSOLETE.												
5.3281 - GASKET, THERMOSTAT HOUSING WATER OUTLET CONNECTION														
	5116092	GASKET, 3,4-53 (5.2037)	1											
5.3290 - HOSE, RADIATOR INLET														
	5129686	HOSE, 1 3/4" I.D. X 4" 2-53						1						
	5100351	HOSE, 1 3/4" I.D. X 5" 3, 4-53									1	1		
5.3295 - HOSE, HEAT EXCHANGER FRESH WATER INLET														
WATER CONNECTIONS														
6A	5199776	# HOSE, 1 3/4 I.D. X 10.62" L. (4-53)	1											
6B	5199776	# HOSE, 1 3/4" I.D. X 2 3/4" L. 6V53												4
	5127991	+ TUBE, 6V53 (DEV. L. 15")												2
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		+ OBSOLETE.												
5.3300 - CLAMP, RADIATOR INLET HOSE														
	111622	CLAMP, 2 1/8" DIA. HOSE (12.9660)						2			2	2		

5.3000B WATER CONNECTIONS

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 5 9	1 6 0	1 6 1	1 6 3	1 6 4	1 6 5	1 6 6	1 6 7	1 6 8	1 6 9	1 7 3	1 7 4
		5.3306 - CLAMP, HEAT EXCHANGER FRESH WATER INLET HOSE												
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)		2									2	
		5.3310 - CONNECTION, RADIATOR OUTLET												
	5125823	TUBE ASSY., 3-53 (CROSSOVER) (DEV. L 13.5")				1								
	5127617	TUBE, 2-53 (18" DEV. L) (5.3350)							1					
	5108221	TUBE, 3,4-53 (30" DEV. L)									1	1		
	5127618	CLIP							1					
	103647	DRAINCOCK, 1/4" (12.9510)							1					
	181365	BOLT, 3/8"-24X1 1/8" (12.9001)							1					
	117049	NUT, 3/8"-24 (12.9120)							1					
		5.3312 - CONNECTION, HEAT EXCHANGER FRESH WATER OUTLET												
6A	5121203	ELBOW, 3,4-53 (5.5550)	1											
6A	5126207	+ ELBOW, 4-53		1			1							
	5135679	ELBOW, 6V53												1
	186629	BOLT, 5/16"-18X1" (12.9001)		2										
	179826	BOLT, 5/16"-18X2" (12.9001)	2				2							
	179829	BOLT, 5/16"-18X2 3/4" (12.9001)											2	
	103320	LOCKWASHER, 5/16" (12.9200) + OBSOLETE	2	2			2						2	
		5.3314 - CONNECTION, HEAT EXCHANGER FRESH WATER INLET												
5A	5119058	ELBOW, 3,4-53 (5.5440)		1										
	5125215	TEE, 6V53												1
	179826	BOLT, 5/16"-18X2" (12.9001)		2										
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)											2	
	103320	LOCKWASHER, 5/16" (12.9200)		2									2	
		5.3323 - GASKET, HEAT EXCHANGER FRESH WATER INLET CONNECTION												
	5119206	GASKET, 3,4,6V53 (6.1110)		1										1
		5.3325 - GASKET, HEAT EXCHANGER FRESH WATER OUTLET CONNECTION												
6A,B	5116357	GASKET, 3,4,6V53 (1.1070)	1	1			1							1

5.30008 WATER CONNECTIONS

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		1 5 9	1 6 0	1 6 1	1 6 3	1 6 4	1 6 5	1 6 6	1 6 7	1 6 8	1 6 9	1 7 3	1 7 4
5.3330 - HOSE, RADIATOR OUTLET														
	5126636	HOSE, 3-53 (FORMED)				2								
	5127135	HOSE, 2-53 (FORMED)						2						
	5199778	# HOSE, 2" I.D. X 5.38" L 2-53 (3.1270)					1							
	5141193	# HOSE, 2" I.D. X 2.50" L 3, 4-53 (5.2165)								1	1			
	5199778	# HOSE, 2" I.D. X 2" L 3, 4-53 (3.1270)								1	1			
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
5.3334 - HOSE, HEAT EXCHANGER TO FRESH WATER PUMP														
6A	5121204	HOSE 3,4-53 (2" I.D., FORMED)	1											
6A	5199778	# HOSE, 2" I.D. X 2 1/2" 4-53 (3.1270)		2										
6B	5199778	# HOSE, 2" I.D. X 2" L 6V53 (3.1270)											1	
	5128116	TUBE ASSY., 4-53 (DEV. L 44 1/8") (5.3394)			1									
	5110881	CLIP (5.2190)		1										
	5127940	SUPPORT, CLIP		1										
	103647	DRAINCOCK, 1/4" (12.9510)		1										
	179816	BOLT, 5/16"-18X3/4" (12.9001)		1										
	120393	WASHER, 5/16" (12.9190)		1										
	103320	LOCKWASHER, 5/16" (12.9200)		1										
	120376	NUT, 5/16"-18 (12.9120)		1										
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
5.3340 - CLAMP, RADIATOR OUTLET HOSE														
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)				4			4					
@	111625	CLAMP, 2 3/8" DIA. HOSE (12.9660) @ FIG. 4A OF 4.0000.					2			4	4			
5.3341 - CLAMP, HEAT EXCHANGER TO WATER PUMP HOSE														
5A	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	2	4									2	
5.3420 - ELBOW, OIL COOLER WATER OUTLET														
1A	5121184	% ELBOW, 3,4-53	1											
1A	5126637	+ ELBOW, 4-53		1	1		1							
*	5119026	? ELBOW, 2,3,4-53				1			1					
#	5116328	% ELBOW (HOUSING TO BLOCK)					1			1	1	1		

5.3000B WATER CONNECTIONS

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES											
			1 5 9	1 6 0	1 6 1	1 6 3	1 6 4	1 6 5	1 6 6	1 6 7	1 6 8	1 6 9	1 7 3	1 7 4
		5.3420 - ELBOW, OIL COOLER WATER OUTLET (CONTD)												
5B	5128153	ELBOW, 6V53								1				
5B	5119385	@ ELBOW, 6V53												1
	5121182	PLUG, 1/4" PIPE (2.4015)	1											
	5145014	PLUG, 3/8" PIPE (12.9550)	1	1	1									
	9409012	BOLT, 5/16"-18X1" LOCK (12.9001)											2	
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	2	2	2	2	2	2	2	2	2	2		2
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2	2	2		2
		% NOT SERVICED USE 5138275 PLUS (2) 5145014 PLUGS. * FIG. 4A OF 4.0000. # FIG. 10C OF 1.0000. @ NOT SERVICED. USE 5135679 PLUS (1) 5199778 HOSE AND (1) 5103185 PLUG. + OBSOLETE												
		5.3421 - GASKET, OIL COOLER WATER OUTLET ELBOW												
	5116357	GASKET, 2,3,4,6V53 (1.1070)	1	1	1	1	1	1	1	1	1	1	1	1
		5.3422 - HOSE, OIL COOLER WATER OUTLET ELBOW												
	5199777	+ HOSE (1 7/8" I.D. X 3/4" L) 2,3,4-53	1	1	1	1	1	1			1	1		
1B	5199777	- HOSE (1 7/8" I.D. X 2 L) 6V53								1				1
	5199777	+ HOSE (1 7/8" I.D. X 2 3/4" L) 2, 3, 4-53											1	
	111624	+ CLAMP, 2 9/32" DIA. HOSE (12.9660)	2	2	2	2	2	2			2	2		
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)								2				2
		* FIG. 4A OF 4.0000. + STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		5.3430 - CONNECTOR, EXHAUST MANIFOLD FRESH WATER INLET												
	5119209	ELBOW, 3,4,6V53 (5.2161)	1	1	1		1							2
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)	2	2	2		2							2
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2		2							2
		5.3431 - GASKET, EXHAUST MANIFOLD FRESH WATER INLET CONNECTION												
	5116242	GASKET, 3,4,6V53 (1.2044)	1	1	1		1							1

DETROIT DIESEL

53 MPC ENGINES

5.3000B WATER CONNECTIONS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 5 9	1 6 0	1 6 1	1 6 3	1 6 4	1 6 5	1 6 6	1 6 7	1 6 8	1 6 9	1 7 3	1 7 4
		5.3432 - HOSE, EXHAUST MANIFOLD FRESH WATER INLET												
5A,B	5122887	HOSE, 3, 4, 6V53 (FORMED)	1	1	1		1							1
		5.3434 - CLAMP, EXHAUST MANIFOLD FRESH WATER INLET HOSE												
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	2	2	2		2							2
		5.3460 - FLANGE, EXHAUST MANIFOLD WATER OUTLET												
6A	5121175	FLANGE, 3,4-53 (6.2085)	1											
	5145009	PLUG, 1/8" PIPE (12.9550)	1											
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)	5											
	103321	LOCKWASHER, 3/8" (12.9200)	5											
		5.3461 - GASKET, EXHAUST MANIFOLD WATER OUTLET FLANGE												
6A	5119208	GASKET, 3,4-53 (6.1150)	1											
		5.3465 - VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE												
	5128315	TUBE ASSY., 3,4-53 (DEV. L. 7.20")	1											
5B	5129867	# HOSE ASSY., 4-53 (8.00") (7.4075)		1	1		1							
5B	5128967	+ TUBE ASSY., 6V53 (DEV. L. 9.36") (LEFT BANK)												1
	5128921	+ TUBE ASSY., 6V53 (DEV. L. 10.42") (RIGHT BANK)												1
	5111277	FITTING, 1/4" HOSE X 1/4" TUBE SWIVEL (8.1017)		1	1		1							
	5113629	FITTING, 1/4" HOSE X 1/8" PIPE (3.1002)		1	1		1							
	116453	ELBOW, 1/4" FL TUBE X 1/4" PIPE 90 DEG. (12.9390)		1	1		1							
	225810	ELBOW, 1/4" INV. FL TUBE 90 DEG. (12.9480)	2											2
	442321	CONNECTOR, 1/4" INV. FL TUBE (12.9460)	1											
	144045	BUSHING, 1/2"X1/4" RED. PIPE (12.9570)		1	1		1							
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												

PART	
FIG	NUMBER
1	1
2	2
3	3
4	4
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93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

+ NOT SERVICED, USE (1) 5129867
HOSE TOGETHER WITH (2) 5114048
FITTINGS.

[illegible]

5.3000B WATER CONNECTIONS

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES											
			1 7 6	1 7 7	1 8 0	1 8 4	1 9 5	1 9 6	1 9 8	1 9 9	2 0 0	2 0 1	2 0 2	2 0 3
		5.3275 - CONNECTION, THERMOSTAT HOUSING WATER OUTLET												
6A	5119120	FLANGE, 3,4-53 (5.2035)						1		1	1	1	1	1
	179839	BOLT, 3/8"-16X1" (12.9001)						2		2	2	2	2	2
	103321	LOCKWASHER, 3/8" (12.9200)						AR		AR	AR	AR	AR	AR
		5.3281 - GASKET, THERMOSTAT HOUSING WATER OUTLET CONNECTION												
	5116092	GASKET, 3,4-53 (5.2037)						1		1	1	1	1	1
		5.3290 - HOSE, RADIATOR INLET												
	3799895	@ HOSE, 4-53			1									
		@ PROCURE FROM CHEVROLET.												
		5.3295 - HOSE, HEAT EXCHANGER FRESH WATER INLET												
6B	5199776	# HOSE, 1 3/4" I.D. X 2 3/4" L. 6V53 53					4							
	5127991	+ TUBE, 6V53 (DEV. L. 15")					2							
	5199777	# HOSE, 1 7/8" I.D. X 2" L. 3, 4-53 (5.3422)						1		1				
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		+ OBSOLETE.												
		5.3300 - CLAMP, RADIATOR INLET HOSE												
	1161694	@ CLAMP			2									
		@ PROCURE FROM CHEVROLET.												
		5.3305 - CLAMP, HEAT EXCHANGER FRESH WATER INLET HOSE												
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)					8	2		2				
		5.3312 - CONNECTION, HEAT EXCHANGER WATER OUTLET												
6A	5121203	ELBOW, 3,4-53 (5.5550)											1	1
	5119058	ELBOW, 3,4-53 (5.5440)						1		1				
	5135679	ELBOW, 6V53		1			1		1					
	179826	BOLT, 5/16"-18X2" (12.9001)						2		2			2	2

5.3000B WATER CONNECTIONS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 7 6	1 7 7	1 8 0	1 8 4	1 9 5	1 9 6	1 9 8	1 9 9	2 0 0	2 0 1	2 0 2	2 0 3
		5.3312 - CONNECTION, HEAT EXCHANGER FRESH WATER OUTLET (CONT'D)												
	179829	BOLT, 5/16"-18X2 3/4" (12.9001)		2			2		2					
	103320	LOCKWASHER, 5/16" (12.9200)		2			2	2	2				2	2
		5.3314 - CONNECTION, HEAT EXCHANGER FRESH WATER INLET												
	5121203	ELBOW, 3,4-53 (5.5550)						1		1				
	5125215	TEE, 6V53					1							
	179826	BOLT, 5/16"-18X2" (12.9001)						2		2				
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)					2							
	103320	LOCKWASHER, 5/16" (12.9200)					2	2		2				
		5.3323 - GASKET, HEAT EXCHANGER FRESH WATER INLET CONNECTION												
	5119206	GASKET, 3,4,6V53 (6.1110)					1	1						
		5.3325 - GASKET, HEAT EXCHANGER FRESH WATER OUTLET CONNECTION												
6A,B	5116357	GASKET, 3,4,6V53 (1.1070)		1			1	1	1	1			1	1
		5.3330 - HOSE, RADIATOR OUTLET												
	3799896	* HOSE, 4-53 * PROCURE FROM CHEVROLET.			1									
		5.3334 - HOSE, HEAT EXCHANGER TO FRESH WATER PUMP												
6A 6B	5121204	HOSE (2" I.D., FORMED) 3, 4-53 (4.4211)						1		1			1	1
	5199778	# HOSE (2" I.D. X 2" L.) 6V53 (3.1270) # STD. LENGTH HOSE, CUT TO LENGTH SHOWN.		1			1		1					
		5.3340 - CLAMP, RADIATOR OUTLET HOSE												
	9411658	* CLAMP * PROCURE FROM CHEVROLET.			2									
		5.3341 - CLAMP, HEAT EXCHANGER TO WATER PUMP HOSE												
5A	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)		2			2	2	2	2			2	2

5.3000B WATER CONNECTIONS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 7 8	1 7 7	1 8 0	1 8 4	1 9 5	1 9 6	1 9 8	1 9 9	2 0 0	2 0 1	2 0 2	2 0 3
5.3420 - ELBOW, OIL COOLER WATER OUTLET														
#	5119026	& ELBOW, 2.3,4-53			1									
5B	5116328	& ELBOW, 2.3,4-53 (HOUSING TO BLOCK)	1											
1A	5119385	@ ELBOW, 6V53		1			1		1					
	5109934	ELBOW, 4-53				1								
	5121182	PLUG, 1/4" PIPE (2.4015)						1						
	186629	BOLT, 5/16"-18X1" (12.9001)				2								
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	2	2	2		2		2					
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2		2					
		* FIG. 4A OF 4.0000.												
		& NOT SERVICED; USE 5138275 PLUS												
		(2) 5145014 PLUGS.												
		# FIG. 10C OF 1.0000.												
		@ NOT SERVICED, USE 5135679 PLUS												
		(1) 5163824 HOSE ANDAND (1)												
		5103185 PLUG.												
5.3421 - GASKET, OIL COOLER WATER OUTLET ELBOW														
	5116357	GASKET, 2.3,4,6V53 (1.1070)	1	1	1	1	1		1					
5.3422 - HOSE, OIL COOLER WATER OUTLET ELBOW														
	5199777	+ HOSE, 1 7/8 I.D.X4 3/4 L 2.3,4-53	1		1	1								
1B	5199777	+ HOSE (1 7/8" I.D. X 2" L) 6V53		1			1		1					
	111624	CLAMP, 2 9/32" DIA. HOSE (12.9660)	2		2	2								
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)		2			2		2					
		* FIG. 4A OF 4.0000.												
		+ STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
5.3430 - CONNECTOR, EXHAUST MANIFOLD FRESH WATER INLET														
	5119209	ELBOW, 3,4,6V53 (5.2161)		2										
	5130450	ELBOW, 3,4,6V53 (LEFT BANK OR B & C ENGINE)					1		1	1		1	1	
	5130451	ELBOW, 3,4,6V53 (RIGHT BANK OR A & D ENGINE)					1	1	1	1	1	1	1	1
	5121182	PLUG, 1/4" PIPE (2.4015)				2	2	1	2	1	1	1	1	1
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)		2			2		2	2	2	2	2	2
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)				4	4	4	4	1	1	1	1	1
	103321	LOCKWASHER, 3/8" (12.9200)	2			4	2	4	1	1	1	1	1	1
5.3431 - GASKET, EXHAUST MANIFOLD FRESH WATER INLET CONNECTION														
	5116242	GASKET, 3,4,6V53 (1.2044)	1			2	1	2	1	1	1	1	1	1

5.30008 WATER CONNECTIONS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 7 6	1 7 7	1 8 0	1 8 4	1 9 5	1 9 6	1 9 8	1 9 9	2 0 0	2 0 1	2 0 2	2 0 3
		5.3432 - HOSE, EXHAUST MANIFOLD FRESH WATER INLET												
5A,B	5122887	HOSE, 3,4,6V53 (FORMED) (5.5685)		1										
5A,B	5199777	+ HOSE, 1 3/4" I.D. X 2" L-3, 4, 6V53 + STD. LENGTH HOSE. CUT TO LENGTH SHOWN.					4	1	4	1	1	1	1	1
		5.3434 - CLAMP, EXHAUST MANIFOLD FRESH WATER INLET HOSE												
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)		2			4	2	4	2	2	2	2	2
		5.3460 - FLANGE, EXHAUST MANIFOLD WATER OUTLET												
6A	5121175	FLANGE, 3,4-53 (6.2085)						1		1	1	1	1	1
	444052	ELBOW, 1/8" STREET 45 DEG. (12.9590)						1		1				
	114981	DRAINCOCK, 1/8" (12.9510)						1		1				
	5145009	PLUG, 1/8" PIPE (12.9550)						1		1	1	1	1	1
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)						5		5	5	5	5	5
	103321	LOCKWASHER, 3/8" (12.9200)						5		5	5	5	5	5
		5.3461 - GASKET, EXHAUST MANIFOLD WATER OUTLET FLANGE												
6A	5119208	GASKET, 3,4-53 (6.1150)						1		1	1	1	1	1
		5.3465 - VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE												
	5126315	TUBE ASSY., 3,4-53 (DEV. L 7.20")												1
5B	5128957	+ TUBE ASSY., 6V53 (DEV. L 9.36") (LEFT BANK) (5129867)		1			1		1					
5B	5128921	+ TUBE ASSY., 6V53 (DEV. L 10.42") (RIGHT BANK) (5129867)		1			1		1					
5B	5128935	+ TUBE ASSY., 6V53 (DEV. L 13.18") (5115163)		1					1					
5B	5128934	+ TUBE ASSY., 6V53 (DEV. L 12.56") (5111278)		1					1					
	5123164	TUBE ASSY., 3,4-53 (DEV. L 9 1/2") (5.2250)									1	1		
	5126316	TUBE ASSY., 3,4-53 (DEV. L 7.20")											1	
	9432337	ELBOW, 1/4" INV. FL TUBE 90 DEG. (12.9480)		2				2						
	225810	ELBOW, 1/4" INV. FL TUBE 90 DEG. (12.9480)					2				1	1	1	1

5.3000B WATER CONNECTIONS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 7 6	1 7 7	1 8 0	1 8 4	1 9 5	1 9 6	1 9 8	1 9 9	2 0 0	2 0 1	2 0 2	2 0 3
	5.3465	VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE (CONT'D)												
	442321	CONNECTOR, 1/4" INV. FL TUBE (12.9480)		2			2		2		1	1	1	1
	178685	TEE, 1/4" INV. FL TUBE (12.9490)		2					2					
	144045	BUSHING, 1/2"X1/4" RED. PIPE (12.9570)		2					2					
		+ NOT SERVICED, USE PART NUMBER IN PARENTHESES PLUS 2-5114048 FITTINGS.												

5.3000B WATER CONNECTIONS

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES											
			2 0 4	2 0 5	2 0 7	2 0 8	2 0 9	2 1 0	2 1 1	2 1 8	2 1 9	2 2 3	2 2 5	2 2 6
5.3275 - CONNECTION, THERMOSTAT HOUSING WATER OUTLET														
6A	5119120	FLANGE, 2,3,4-53 (5.2035)			1	1	1							
6A	179839	BOLT, 3/8"-16X1" (12.9001)			2	2	2							
	103321	LOCKWASHER, 3/8" (12.9200)			2	2	2							
5.3281 - GASKET, THERMOSTAT HOUSING WATER OUTLET CONNECTION														
	5116092	GASKET, 2,3,4-53 (5.2037)			1	1	1							
5.3296 - HOSE, HEAT EXCHANGER FRESH WATER INLET														
6A,B	5199776	# HOSE, 1 3/4" I.D. X 2" L 2, 6V53			1									
6A	5199777	# HOSE, 1 7/8" I.D. X 2" L 3, 4-53 (5.3422)				1								
6A	5199776	# HOSE, 1 3/4" I.D. X 10.62" L 3, 4-53 # STD. LENGTH HOSE, CUT TO LENGTH SHOWN.	1	1										
5.3305 - CLAMP, HEAT EXCHANGER FRESH WATER INLET HOSE														
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	2	2	2	2								
5.3312 - CONNECTION, HEAT EXCHANGER FRESH WATER OUTLET														
6A	5126207	+ ELBOW, 3,4-53	1	1									1	1
6A	5121203	ELBOW, 3,4-53				1	1							
	186629	BOLT, 5/16"-18X1" (12.9001)	2	2									2	2
	179826	BOLT, 5/16"-18X2" (12.9001)				2	2							
	103320	LOCKWASHER, 5/16" (12.9200)	2	2		2	2						2	2
		+ OBSOLETE												
5.3313 - CONNECTION, EXPANSION TANK WATER INLET														
	5125005	ELBOW, 2-53			1									
	179816	BOLT, 5/16"-18X3/4" (12.9001)			2									
	103320	LOCKWASHER, 5/16" (12.9200)			2									

DETROIT DIESEL

53 MPC ENGINES

5.3000B WATER CONNECTIONS

PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	2 0 4	2 0 5	2 0 7	2 0 8	2 0 9	2 1 0	2 1 1	2 1 8	2 1 9	2 2 3	2 2 5	2 2 6
		5.3314 - CONNECTION, HEAT EXCHANGER FRESH WATER INLET												
5A	5119058	ELBOW, 3,4-53 (5.5440)	1	1		1								
	179826	BOLT, 5/16"-18X2" (12.9001)	2	2		2								
	103320	LOCKWASHER, 5/16" (12.9200)	2	2		2								
		5.3315 - BRACKET, EXPANSION TANK INLET CONNECTION												
	5125010	+ BRACKET, 2-53				1								
	179816	BOLT, 5/16"-18X3/4" (12.9001)				2								
	179839	BOLT, 3/8"-16X1" (12.9001)				2								
	103320	LOCKWASHER, 5/16" (12.9200)				2								
		+ OBSOLETE												
		5.3322 - GASKET, EXPANSION TANK WATER INLET CONNECTION												
	5165808	GASKET, 2-53 (5.2130)			1									
		5.3323 - GASKET, HEAT EXCHANGER FRESH WATER INLET CONNECTION												
6A	5119206	GASKET, 3,4-53 (6.1110)	1	1		1								
		5.3325 - GASKET, HEAT EXCHANGER FRESH WATER OUTLET CONNECTION												
6A,B	5116357	GASKET, 3,4,8V53 (1.1070)	1	1		1	1						1	1
		5.3334 - HOSE, HEAT EXCHANGER TO FRESH WATER PUMP												
6A	5141193	# HOSE, 2" I.D. X 21/2" L 3, 4-53 (5.2165)	2	2									2	2
6A,B	5199778	# HOSE, 2" I.D. X 2" L -2, 6V53 (3.1270)			1									
6A	5121204	# HOSE 2" I.D. FORMED -2, 3, 4-53 (4.4211)			1	1	1							
	5125011	TUBE, 2-53 (2" I.D. X 10.90" DEV. L.)			1									
	5126470	TUBE, 3-53 (DEV. L 37.76")	1	1										
	5128116	TUBE, 4-53 (DEV. L 44 1/8") (5.3394)	1	1									1	1
	5110881	CLIP (5.2190)	1	1									1	1
	5127940	SUPPORT, CLIP	1	1									1	1
	103647	DRAINCOCK, 1/4" (12.9510)	1	1									1	1
	179816	BOLT, 5/16"-18X3/4" (12.9001)	1	1									1	1

5.3000B WATER CONNECTIONS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	204	205	207	208	209	210	211	218	219	223	225	226
		5.3334 - HOSE, HEAT EXCHANGER TO FRESH WATER PUMP (CONT'D)												
	120393	WASHER, 5/16" (12.9190)	1	1									1	1
	103320	LOCKWASHER, 5/16" (12.9200)	1	1									1	1
	120376	NUT, 5/16"-18 (12.9120)	1	1									1	1
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		5.3341 - CLAMP, HEAT EXCHANGER TO WATER PUMP HOSE												
	8920537	CLAMP (1 9/16"-2 1/2" DIA. HOSE) (12.9660)	4	4	4	2	2						4	4
		5.3350 - CONNECTION, OIL COOLER WATER												
	5108605	ELBOW, 6V53								1				
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)								2				
	103341	WASHER, 3/8" (12.9190)								2				
	103321	LOCKWASHER, 3/8" (12.9200)								2				
		5.3360 - GASKET, OIL COOLER WATER INLET CONNECTION												
	5120540	GASKET, 6V53								1				
		5.3420 - ELBOW, OIL COOLER WATER OUTLET												
1A	5125506	* ELBOW, 2-53			1									
1A	5121184	* ELBOW, 3,4-53				1	1							
5B	5133535	ELBOW, 6V53									1			
1A	5133672	ELBOW, 3-53										1		
1A	5126637	ELBOW, 3,4-53	1	1				1	1				1	1
	5198558	BUSHING 3/8"X1/4" (2.2030)				1	1							
	5145009	PLUG, 1/8" PIPE (12.9550)	1	1				1	1				1	1
	5145014	PLUG, 3/8" PIPE (12.9550)				2	2				1			
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	2	2	2	2	2	2	2		2	2	2	2
	120393	WASHER, 5/16" (12.9190)									2	2		
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2		2	2	2	2
		* NOT SERVICED; USE 5138275 PLUS (2) 5145014 PLUGS.												
		5.3421 - GASKET, OIL COOLER WATER OUTLET ELBOW												
	5116357	GASKET, 2,3,4,6V53 (1.1070)	1	1	1	1	1	1	1		1	1	1	1

5.3000B WATER CONNECTIONS

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		2 0 4	2 0 5	2 0 7	2 0 8	2 0 9	2 1 0	2 1 1	2 1 8	2 1 9	2 2 3	2 2 5	2 2 6
		5.3422 - HOSE, OIL COOLER WATER OUTLET ELBOW												
1B	5199777	+ HOSE, 1 7/8" I.D. X 2.75" L. 6V53								1				
	5199777	+ HOSE, 1 7/8" I.D. X 4 3/4" L. 2, 3, 4-53	1	1	1	1	1	1	1		1	1	1	
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	2	2		2	2	2	2		2	2	2	2
	272865	CLAMP, 2 1/4" DIA. HOSE (12.9660) * FIG. 4A OF 4.0000. + STD. LENGTH HOSE, CUT TO LENGTH SHOWN.			2									
		5.3430 - CONNECTOR, EXHAUST MANIFOLD FRESH WATER INLET												
	5130451	ELBOW, 2,3,4,6,8V53 (RIGHT BANK OR A & B ENGINE)	1		1	1	1	1				1		
	5130450	ELBOW, 3,4,6,8V53 (LEFT BANK OR B & C ENGINE)		1					1					1
	5121182	PLUG, 1/4" PIPE (2.4015)	1	1	1	1	1	1	1			1	1	
	5145014	PLUG, 3/8" PIPE (12.9550)	1	1	1	1	1	1	1			1	1	
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)	2	2	2	2	2	2	2			2	2	
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2	2	2	2			2	2	
		5.3431 - GASKET, EXHAUST MANIFOLD FRESH WATER INLET CONNECTION												
	5116242	GASKET, 2,3,4,6,8V53 (1.2044)	1	1	1	1	1	1	1			1	1	
		5.3432 - HOSE, EXHAUST MANIFOLD FRESH WATER INLET												
5A,B	5199776	% HOSE (1 3/4" I.D. X 2" L.) 2, 3, 4, 6, 8V53 (5.3295) % STD. LENGTH HOSE, CUT TO LENGTH SHOWN.	1	1	1	1	1	1	1			1	1	
		5.3434 - CLAMP, EXHAUST MANIFOLD FRESH WATER INLET HOSE												
7A	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	2	2	2	2	2	2	2			2	2	
		5.3460 - FLANGE, EXHAUST MANIFOLD WATER OUTLET												
6A	5121175	FLANGE, 2,3,4-53 (6.2085)			1	1	1							
	5145009	PLUG, 1/8" PIPE (12.9550)			1	1	1							
	114981	DRAINCOCK, 1/8" (12.9510)			1	1								

5.3000B WATER CONNECTIONS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	2 0 4	2 0 5	2 0 7	2 0 8	2 0 9	2 1 0	2 1 1	2 1 8	2 1 9	2 2 3	2 2 5	2 2 6
		5.3460 - FLANGE, EXHAUST MANIFOLD WATER OUTLET (CONT'D)												
	444052	ELBOW, 1/8" STREET 45 DEG. (12.9590)			1	1								
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)			5	5	5							
	103321	LOCKWASHER, 3/8" (12.9200)			5	5	5							
		5.3461 - GASKET, EXHAUST MANIFOLD WATER OUTLET FLANGE												
6A	5119208	GASKET, 2,3,4-53 (6.1150)			1	1	1							
		5.3465 - VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE												
	5129867	# HOSE (1/4" I.D. X 8" L)3, 4-53 (7.4075)	1	1				1	1				1	1
	5126315	TUBE ASSY., 2,3,4-53 (DEV. L 7.20")					1							
	5113629	FITTING, 1/4" HOSE X 1/8" PIPE (3.1002)	1	1				1	1				1	1
	5111277	FITTING, 1/4" HOSE X 1/4" TUBE SWIVEL (8.1017)	1	1				1	1				1	1
	225810	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)					2							
	116453	ELBOW, 1/4" FL. TUBE X 1/4" P.T. 90 DEG. (12.9390)	1	1				1	1				1	1
	442321	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)					1							
	144045	BUSHING, 1/2"X1/4" RED. PIPE (12.9570)	1	1				1	1				1	1
		# STD. LENGTH HOSE. CUT TO LENGTH SHOWN.												
		5.3486 - PLUG, HEAT EXCHANGER TANK												
	113175	PLUG, 1/8" PIPE, BRASS (12.9550)				1								

DETROIT DIESEL

53 MPC ENGINES

5.3000B WATER CONNECTIONS

PART		TYPES												
.FIG	NUMBER	NAME AND DESCRIPTION	2 2 8	2 2 9	2 3 4	2 4 1	2 4 2	2 4 4	2 4 5	2 4 7	2 5 1	2 5 2	2 5 3	2 5 7
	5.3275	CONNECTION, THERMOSTAT HOUSING WATER OUTLET												
	5188382	FLANGE, 3-53 (5.3350)		1										
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)		2										
	103321	LOCKWASHER, 3/8" (12.9200)		2										
	5.3281	GASKET, THERMOSTAT HOUSING WATER OUTLET CONNECTION												
	2206783	GASKET, 3-53 (3.3360)		1										
	5.3290	HOSE, RADIATOR INLET												
	5129251	HOSE, 3-53 (FORMED)				1								
	5.3295	HOSE, HEAT EXCHANGER FRESH WATER INLET												
6A,8	5199776	# HOSE, 1 3/4" I.D. X 2" L. 2, 6V53						4						
6B	5199776	# HOSE, 1 3/4" I.D. X 2.76" L. 8V53	4						4					
6B	5136327	TUBE, 6,8V53 (1 3/4" I.D. X 7.66" L.)	1					1	1					
6B	5137327	TUBE, 6,8V53 (1 3/4" I.D. X 8.40" L.)	1					1	1					
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
	5.3300	CLAMP, RADIATOR INLET HOSE												
	2337379	CLAMP, HOSE				1								
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)				1								
	5.3305	CLAMP, HEAT EXCHANGER FRESH WATER INLET HOSE												
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	8					8	8					
	5.3310	CONNECTION, RADIATOR OUTLET												
	5125061	TUBE, 3-53				1								

5.3000B WATER CONNECTIONS

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		2 2 8	2 2 9	2 3 4	2 4 1	2 4 2	2 4 4	2 4 5	2 4 7	2 5 1	2 5 2	2 5 3	2 5 7
5.3312 - CONNECTION, HEAT EXCHANGER FRESH WATER OUTLET														
6B	5135127	ELBOW, 8V53	1								1			
6B	5135396	ELBOW, 6V53						1	1	1	1			
	186277	BOLT, 3/8"-16X2 3/8" (12.9001)						2	2	2	2			
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	2									2		
	103321	LOCKWASHER, 3/8" (12.9200)	2					2	2	2	2	2		
5.3314 - CONNECTION, HEAT EXCHANGER FRESH WATER INLET														
	5135138	CONNECTOR	2					2	2					
	5138114	ELBOW											1	
	186629	BOLT, 5/16"-18X1" (12.9001)											2	
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	4					4	4					
	103320	LOCKWASHER, 5/16" (12.9200)											2	
	103321	LOCKWASHER, 3/8" (12.9200)	4					4	4					
5.3323 - GASKET, HEAT EXCHANGER FRESH WATER INLET CONNECTION														
	5123660	GASKET, 6.8V53 (4.1300)	2					2	2					
	5132474	GASKET, 8V53 (1.1070)											1	
5.3325 - GASKET, HEAT EXCHANGER FRESH WATER OUTLET CONNECTION														
6A,B	5134679	GASKET, 4.8V,8V53	1					1	1	1	1	1		
5.3330 - HOSE, RADIATOR OUTLET														
	5199776	# HOSE, 1 3/4" I.D. X 2.76" L (5.3295)	2											
	5199778	# HOSE, 2" I.D. X 2" L (3.1270)												
	5110373	# HOSE, 2" I.D. X 3" L (5.3330)					1							
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
5.3334 - HOSE, HEAT EXCHANGER TO FRESH WATER PUMP														
6A,B	5199778	# HOSE, 2" I.D. X 2" L (3.1270)						1		1				
6B	5199779	# HOSE, 2 1/4" I.D. X 2.24" L (5.3290)							1		1			
6B	5199780	# HOSE, 2 3/8" I.D. X 2.12" L (5.3365)	1									1		
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												

5.3000B WATER CONNECTIONS

PART		NAME AND DESCRIPTION	TYPES										
FIG	NUMBER		2 2 8	2 2 9	2 3 4	2 4 1	2 4 2	2 4 4	2 4 5	2 4 7	2 5 1	2 5 2	2 5 3
		5.3340 - CLAMP, RADIATOR OUTLET HOSE											
@	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660) @ FIG. 4A OF 4.0000.	4			4							
		5.3341 - CLAMP, HEAT EXCHANGER TO WATER PUMP HOSE											
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)					2		2		2		
	9139809	CLAMP, 2 1/2" DIA. HOSE (12.9660)							2		2		
		5.3420 - ELBOW, OIL COOLER WATER OUTLET											
5B	5135259	* ELBOW, 6V53 (WITH 3/8" P.T. HOLE)		1									
1A	5119026	& ELBOW, 3-53			1								
1A	5138275	ELBOW, 3-53				1							
5B	5135565	# ELBOW, 6V53					1		1		1		
5B	5119385	@ ELBOW, 6V53						1		1			
5B	5128153	ELBOW, 6V53											1
	5145014	PLUG, 3/8" PIPE SQ. HD. (12.9550)	2			3	1						
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	2	2	2	2	2	2	2	2	2		2
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2	2		2
		* NOT SERVICED; USE 5135679 PLUS (1) 115226 BUSHING AND (1) 5145014 PLUG.											
		& NOT SERVICED; USE 5138275 PLUS (2) 5145014 PLUGS.											
		# NOT SERVICED; USE 5135679 PLUS (1) 5103185 PLUG.											
		@ NOT SERVICED; USE 5135679 PLUS (1) 5163824 HOSE AND (1) 5103185 PLUG.											
		5.3421 - GASKET, OIL COOLER WATER OUTLET ELBOW											
	5116357	GASKET, 2,3,4,6V53 (1.1070)		1	1	1	1	1	1	1	1		1
		5.3422 - HOSE, OIL COOLER WATER OUTLET ELBOW											
5B	5199777	% HOSE, 1 7/8" I.D. X 2" L, 6V53						1		1			1
	5199777	% HOSE, 1 7/8" I.D. X 4 3/4" L-2, 3, 4-53			1	1							

5.3000B WATER CONNECTIONS

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		2 2 8	2 2 9	2 3 4	2 4 1	2 4 2	2 4 4	2 4 5	2 4 7	2 5 1	2 5 2	2 5 3	2 5 7
		5.3422 - HOSE, OIL COOLER WATER OUTLET ELBOW (CONT'D)												
5B	5199778	% HOSE, 2" I.D. X 2" L., 8V53 (3.1270)		1		1		1		1				
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)			2	2	2	2	2	2		2	2	
	111625	CLAMP, 2 3/8" DIA. HOSE (12.9660)		2										
		% STD. LENGTH HOSE; CUT TO LENGTH SHOWN.												
		* FIG. 4A OF 4.0000.												
		5.3430 - CONNECTOR, EXHAUST MANIFOLD FRESH WATER INLET												
	5130451	ELBOW, 2,3,4,6,8V53 (RIGHT BANK OR A & B ENGINE)	1					1	1	1	1	1		
	5130450	ELBOW, 3,4,6V,8V53 (LEFT BANK OR B & C ENGINE)	1					1	1	1	1	1		
	5121182	PLUG, 1/4" PIPE (2.4015)						2	2	2	2	2		
	5145014	PLUG, 3/8" PIPE (12.9550)	2					2	2	2	2	2		
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)	4					4	4	4	4	4		
	103321	LOCKWASHER, 3/8" (12.9200)	4					4	4	4	4	4		
		5.3431 - GASKET, EXHAUST MANIFOLD FRESH WATER INLET CONNECTION												
	5116242	GASKET, 2,3,4,6,8V53 (1.2044)	2					2	2	2	2	2		
		5.3432 - HOSE, EXHAUST MANIFOLD FRESH WATER INLET												
5A,B	5199776	% HOSE, 1 3/4" I.D. X 2" L. (5.3295)						2	2	2	2	2		
		% STD LENGTH HOSE; CUT TO LENGTH SHOWN.												
		5.3434 - CLAMP, EXHAUST MANIFOLD FRESH WATER INLET HOSE												
7A	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)						4	4	4	4	4		
		5.3465 - VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE												
5B	5136635	* TUBE ASSY., 6,8V53 (DEV. L 15.26")	1					1	1	1	1	1		
5B	5134169	@ TUBE ASSY., 6,8V53 (DEV. L 15.40")	1					1	1	1	1	1		
		* NOT SERVICED; USE 5131604 HOSE PLUG (2) 118753 ELBOWS.												

5.3000B WATER CONNECTIONS

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		2 2 8	2 2 9	2 3 4	2 4 1	2 4 2	2 4 4	2 4 5	2 4 7	2 5 1	2 5 2	2 5 3	2 5 7
	5.3465	- VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE (CONT'D)											
		@ NOT SERVICED, USE 5131604 HOSE PLUS (2) 118748 CONNECTORS.											
	5.3480	- TUBE, CYLINDER HEAD VENT											
5136658	* TUBE ASSY., 6.8V53 (DEV. L 6.22") (5.3465)	1					1	1	1	1			
5136659	* TUBE ASSY., 6.8V53 (DEV. L 7.34") (5.3465)	1					1	1	1	1			
178685	TEE, 1/4" INV. FL. TUBE (12.9490)	2					2	2	2	2			
442321	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)	2					2	2	2	2			
	* NOT SERVICED; USE 5137938 PLUS (1) 9409946 TEE AND (1) 118748 CONNECTOR.												

5.30008 WATER CONNECTIONS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2 6 0	2 6 1	2 6 3	2 6 5	2 6 6	2 7 0	2 7 5	2 7 8	2 7 9	2 8 8	3 0 8	3 1 4
		5.3270 - CONNECTION, RADIATOR INLET												
	5139873	TUBE, 6V53									1			
	5139909	TUBE, 6V53									1			
		5.3290 - HOSE, RADIATOR INLET												
	5199776	# HOSE, 1 3/4" I.D. X 4 7/8", 2-53 (5.3295)						1						
	5199776	# HOSE, 1 3/4" I.D. X 3.21", 6V53 (5.3295)									4			
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		5.3295 - HOSE, HEAT EXCHANGER FRESH WATER INLET												
6B	5136327	TUBE, 6.8V53 (1 3/4" O.D. X 7.66" L)			1	1			1				1	
6B	5137327	TUBE, 6.8V53 (1 3/4" O.D. X 8.40" L)			1	1			1				1	
6B	5199776	# HOSE, 1 3/4" I.D. X 2 3/4" L 6, 8V53 # STD. LENGTH HOSE, CUT TO LENGTH SHOWN.			4	4			4				4	
		5.3300 - CLAMP, RADIATOR INLET HOSE												
6B	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)			8	8			8		8		8	
	111622	CLAMP, 2 1/8" HOSE						2						
		5.3310 - CONNECTION, RADIATOR OUTLET												
	5125238	+ ELBOW, 2-53						1						
	103647	DRAINCOCK, 1/4" (12.9510) + OBSOLETE.						1						
		5.3312 - CONNECTION, HEAT EXCHANGER FRESH WATER OUTLET												
6B	5138742	CONNECTOR, 4-53	1	1										
6B	5135396	ELBOW, 6V53			1	1								
6B	5136727	ELBOW, 6V53							1					
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)											2	2
	179839	BOLT, 3/8"-16X1" (12.9001)	2	2										
	186277	BOLT, 3/8"-16X2 3/8" (12.9001)							2					
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)			2	2								

5.3000B WATER CONNECTIONS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	2 6 0	2 6 1	2 6 3	2 6 5	2 6 6	2 7 0	2 7 5	2 7 8	2 7 9	2 8 8	3 0 8	3 1 4
		5.3312 - CONNECTION, HEAT EXCHANGER FRESH WATER OUTLET (CONT'D)												
	103320	LOCKWASHER, 5/16" (12.9200)											AR	AR
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2			2					
		5.3314 - CONNECTION, HEAT EXCHANGER FRESH WATER INLET												
5A	5135138	CONNECTOR, 6V53				2	2							
	5136864	CONNECTOR, 6V53							2				2	
	5138741	+ ELBOW, 4-53	1											
	5138667	+ ELBOW, 4-53		1										
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	4	4	4	4			4					
	103321	LOCKWASHER, 3/8" (12.9200)	4	4	4	4			4					
		+ OBSOLETE												
		5.3323 - GASKET, HEAT EXCHANGER FRESH WATER INLET CONNECTION												
	5123660	GASKET, 4,6V53 (4.1300)	2	2		2			2					
	5146137	GASKET, 4,6,8V53 (4.1300)			1								2	2
		5.3325 - GASKET, HEAT EXCHANGER FRESH WATER OUTLET CONNECTION												
6B	5134679	GASKET, 4,6,8V53	1	1	1	1			1				1	1
		5.3330 - HOSE, RADIATOR OUTLET												
	5199776	% HOSE, 1 3/4" I.D. X 2" L., 4, 8V53 (5.3295)	1	1										
	5110373	% HOSE, 2" I.D. X 3" L., 6V53 (5.3330)									2			
	5139881	@ TUBE, 6V53									1			
		% STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		@ OBSOLETE.												
		5.3333 - COVER, HEAT EXCHANGER TANK OUTLET												
	5123661	COVER, 6,8V53												
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)												2
	103320	LOCKWASHER, 5/16" (12.9200)												4
														AR
		5.3334 - HOSE, HEAT EXCHANGER TO FRESH WATER PUMP												
6A	5141193	% HOSE, 2" I.D. X 2 1/2" L., 4-53 (5.2165)	2	2										
	5199779	% HOSE, 2 1/4" I.D. X 2.24" L., 6V53 (5.3290)				1			1				1	1
6A,B	5199778	% HOSE, 2 1/2" I.D. X 2" L., 3, 6V53 (3.1270)					1	2			1			

5.3000B WATER CONNECTIONS

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	2 6 0	2 6 1	2 6 3	2 6 5	2 6 6	2 7 0	2 7 5	2 7 8	2 7 9	2 8 8	3 0 8	3 1 4
5.3334 - HOSE, HEAT EXCHANGER OUTLET CONNECTION TO WATER PUMP (CONT'D)														
5138775		TUBE, 4-53 (DEV. L. 44.50")		1										
5138800		TUBE, 4-53 (DEV. L. 44.50")	1											
5185410	+	BRACKET, 4-53 (7.7380)	1	1										
5110881		CLIP (5.2190)	1	1										
103647		DRAINCOCK, 1/4" (12.9510)	1	1										
179816		BOLT, 5/16"-18X3/4" (12.9001)	1	1										
120393		WASHER, 5/16" (12.9190)	1	1										
103320		LOCKWASHER, 5/16" (12.9200)	1	1										
120376		NUT, 5/16"-18 (12.9120)	1	1										
		% STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		+ OBSOLETE.												
5.3335 - ELBOW, WATER PUMP INLET														
5142283		ELBOW, 8V53										1		
5142281		ELBOW, 8V53										1		
5199782	*	HOSE, 2 3/4"X2.26", 8V53 (5.3330)										1		
5188036		CLAMP, 2 9/16"-3 1/2" HOSE (12.9660)										2		
186679		BOLT, 3/8"-16X1 1/4" (12.9001)										4		
120393		WASHER, 5/16" (12.9190)										6		
103341		WASHER, 3/8" (12.9190)										4		
103320		LOCKWASHER, 5/16" (12.9200)										6		
103321		LOCKWASHER, 3/8" (12.9200)										4		
114493		NUT, 5/16"-24 (12.9120)										6		
		* STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
5.3337 - GASKET, WATER PUMP INLET AND OUTLET ELBOW														
5176286		GASKET, 8V53										1		
5176676		GASKET, 8V53 (BETWEEN INLET ELBOWS)										1		
5.3340 - CLAMP, RADIATOR OUTLET HOSE														
8920537		CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	4	4										
		* FIG. 4A OF 4.0000.												
5.3341 - CLAMP, HEAT EXCHANGER TO WATER PUMP HOSE														
8920537		CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	2	2		2					6			
111625		CLAMP, 2 3/8" DIA. HOSE (12.9660)						4						
9139809		CLAMP, 2 1/2" DIA. HOSE (12.9660)				2			2				2	2

5.3000B WATER CONNECTIONS

PART		TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	2 6 0	2 6 1	2 6 3	2 6 5	2 6 6	2 7 0	2 7 5	2 7 8	2 7 9	2 8 8	3 0 8	3 1 4	
		5.3365 - HOSE, OIL COOLER WATER INLET CONNECTION													
	5131375	HOSE, #6X28" L. 8V53 (2.5210)											1		
	5139289	* HOSE, #6X30" L. 8V53 (2.5001)											1		
	5171509	CLIP, 5/8" HOSE (9.1591)											1		
	9409943	TEE, 1/8" PIPE											1		
	444134	TEE, 1/4" PIPE (12.9490)											1		
	442322	CONNECTOR, 5/16" TUBE (12.9460)											1		
	9432266	CONNECTOR, 3/8" TUBE (12.9460)											1		
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)											1		
	112877	BUSHING, 1/4"X1/8" RED. (12.9570)											2		
	189060	BUSHING, 1/4"X1/8" RED. (12.9570)											1		
	144050	BUSHING, 1/2"X1/8" RED. (12.9570)											1		
	225815	ELBOW, 90 DEG. (12.9480)											1		
	114981	DRAINCOCK, 1/8" (12.9510)											1		
	103647	DRAINCOCK, 1/4" PIPE (12.9510)											1		
		* NOT SERVICED; USE 5199575 HOSE PLUS (2) EACH OF 5199583 FITTINGS AND 2488022 CLIPS.													
		5.3420 - ELBOW, OIL COOLER WATER OUTLET													
1A	5126637	+ ELBOW, 4-53	1	1											
5B	5135679	ELBOW, 6V53			1	1							1	1	
5B	5135685	# ELBOW, 6V53					1				1				
1A	5138275	ELBOW, 2,3,4-53						1		1					
5B	5143194	ELBOW, 8V53										1			
	5176933	STUD, 5/16"-18-24X1.44" (12.9117)										2			
	5145014	PLUG, 3/8" PIPE (12.9550)	1	1											
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	2	2	2	2	2	2		2	2		2	2	
	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2		2	2		2	2	
	114493	NUT, 5/16"-24 (12.9120)										2			
		+ OBSOLETE.													
		# NOT SERVICED; USE 5135679 PLUS (1) 103185 PLUG.													
		5.3421 - GASKET, OIL COOLER WATER OUTLET ELBOW													
	5116357	GASKET, 2,3,4,6V53 (1.1070)	1	1	1	1	1	1		1	1		1	1	
	5132474	GASKET, 8V53										1			
		5.3422 - HOSE, OIL COOLER WATER OUTLET ELBOW													
5B	5199777	# HOSE, 1 7/8" I.D. X 2" L. 6V53				1									
	5199777	# HOSE, 1 7/8" I.D. X 4 3/4" L. 2, 3, 4-53	1	1				1		1					

5.3000B WATER CONNECTIONS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2 6 0	2 6 1	2 6 3	2 6 5	2 6 6	2 7 0	2 7 5	2 7 8	2 7 9	2 8 8	3 0 8	3 1 4
		5.3422 - HOSE, OIL COOLER WATER OUTLET ELBOW (CONTD)												
5B	5199778	# HOSE (2" I.D. X 2" L) 6V53 (3.1270)			1	1	1						1	1
	5199781	# HOSE, 2 1/2" I.D. X 2 1/4" L 8V53 (5.2165)										2		
	5142413	TUBE, 8V53 2 1/2" O.D. X 7.88" L										1		
	111625	CLAMP, 2 3/8" DIA. HOSE (12.9660)						2						
5B	8920537	CLAMP, 1 9/16"-2 1/2" HOSE (12.9660)	2	2	2	2	2			2			2	2
5B	5188036	CLAMP, 2 9/16"-3 1/2" DIA. HOSE (12.9660)										4		
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		5.3430 - CONNECTOR, EXHAUST MANIFOLD FRESH WATER INLET												
5B	5130450	ELBOW, 4,6,8V53 (LEFT BANK)		1	1	1	1		1				1	1
	5130451	ELBOW, 4,6,8V53 (RIGHT BANK)	1		1	1	1		1				1	1
	5121182	PLUG, 1/4" PIPE (2.4015)	2	2		2			2				2	2
	5145014	PLUG, 3/8" PIPE (12.9550)	1	1	2	2	2		2	2				
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)	2	2										
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)			4	4	4		4				4	4
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR		AR				AR	AR
		5.3431 - GASKET, EXHAUST MANIFOLD FRESH WATER INLET CONNECTION												
	5116242	GASKET, 4,6,8V53 (1.2044)	1	1	2	2	2		2				2	2
		5.3432 - HOSE, EXHAUST MANIFOLD FRESH WATER INLET												
5A,B	5199776	# HOSE (1 3/4" I.D. X 2" L) 4, 6, 8V53 (5.3295)	1	1		2	2		2				2	2
	5199776	# HOSE (1 3/4" I.D. X 2 3/4" L) 6, 8V53 (5.3295)			4									
		# STANDARD LENGTH HOSE, CUT TO LENGTH SHOWN.												
		5.3434 - CLAMP, EXHAUST MANIFOLD FRESH WATER INLET HOSE												
7A	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	2	2	4	4	4		4				4	4

5.3000B WATER CONNECTIONS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2 6 0	2 6 1	2 6 3	2 6 5	2 6 6	2 7 0	2 7 5	2 7 8	2 7 9	2 8 8	3 0 8	3 1 4
5.3465 - VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE														
5B	5136635	@ TUBE ASSY., 6V53 (DEV. L 15.26")			1	1	1		1					
5B	5134169	# TUBE ASSY., 6V53 (DEV. L 15.40")			1	1	1		1					
	5129867	% HOSE (1/4" I.D. X 8" L) 4-53 (7.4075)	1	1										
5B	5131604	HOSE ASSY., 6.8V53 (DEV. L 15.65")											2	2
	5113629	FITTING (1/4" HOSE X 1/8" PIPE) (3.1002)	1	1										
	5111277	FITTING (1/4" HOSE X 1/4" TUBE SWIVEL) (8.1017)	1	1										
	116453	ELBOW, 1/4" FL. TUBE X 1/4" P.T. 90 DEG. (12.9390)	1	1										
	118753	ELBOW, 1/4" FL. TUBE X 1/8" P.T. 90 DEG. (12.9390)											2	2
	144045	BUSHING, 1/2" X 1/4" RED. PIPE (12.9570)	1	1										
		@ NOT SERVICED; USE 5131604 HOSE ASSY. AND (2) 118753 ELBOWS. # NOT SERVICED; USE 5131604 HOSE ASSY. AND (2) 118748 CONNECTOR. STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
5.3480 - TUBE, CYLINDER HEAD VENT														
	5136658	& TUBE ASSY., 6V53 (DEV. L 6.22") (5.3465)			1	1	1		1					
	5136659	& TUBE ASSY., 6V53 (DEV. L 7.34") (5.3465)			1	1	1		1					
	5137938	HOSE ASSY. (DEV. L 8") 6.8V53											2	2
	9409946	TEE, 1/8" INV. FL. TUBE											2	2
	178685	TEE, 1/4" INV. FL. TUBE (12.9490)			2	2	2		2					
	118748	CONNECTOR, 1/8" INV. FL. TUBE (12.9460)											2	2
	442321	CONNECTOR, 1/4" INV. FL. TUBE (12.9460)			2	2	2		2					
		& NOT SERVICED; USE 5137938 PLUS (1) 9409946 TEE AND (1) 118748 CONNECTOR.												

5.3000B WATER CONNECTIONS

PART		TYPES															
FIG	NUMBER	NAME AND DESCRIPTION	3 1 5	3 1 6	3 1 7	3 1 8	3 1 9	3 5 1	3 5 2	3 5 6	3 5 8	3 5 9	3 6 2	3 6 4	3 6 5	3 6 7	
		5.3275 - CONNECTION, THERMOSTAT HOUSING WATER OUTLET															
	5107653	ELBOW (LEFT BANK) (4.2220)										1					
	5107652	ELBOW (RIGHT BANK) (4.2220)										1					
	5128492	ELBOW (LEFT BANK) (5.2035)													1		
	5128493	ELBOW (RIGHT BANK) (5.2035)													1		
	186622	BOLT, 3/8"-16 X 1 1/4" (12.9001)										4			4		
	103321	LOCKWASHER, 3/8" (12.9200)										4			4		
		5.3281 - GASKET, THERMOSTAT HOUSING WATER OUTLET CONNECTION															
	5122437	GASKET										2			2		
		5.3290 - HOSE, RADIATOR INLET															
	5129251	HOSE, 1 5/8" I.D.								1	1						
	5199779	# HOSE, 2 1/4" X 2 1/4" L.										1			1		
		# STD. LENGTH HOSE; CUT TO LENGTH SHOWN.															
		5.3295 - HOSE, HEAT EXCHANGER FRESH WATER INLET															
6B	5136327	TUBE, 6.8V53 (1 3/4" O.D.X7.66"L.)	1	1													
6B	5137327	TUBE, 6.8V53 (1 3/4" O.D.X8.40"L.)	1	1													
6B	5199776	# HOSE, 1 3/4" I.D. X 2 3/4" L. 6, 8V53	4	4													
		# STD. LENGTH HOSE; CUT TO LENGTH SHOWN.															
		5.3300 - CLAMP, RADIATOR INLET HOSE															
6B	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	8	8													
	2337379	CLAMP, 1 1/2" HOSE (12.9660)								2	2						
	9139809	CLAMP, 2 1/2" HOSE (12.9660)										2			2		
		5.3310 - CONNECTION, RADIATOR OUTLET															
	5125061	TUBE, 4-53									1						
	5129251	HOSE, 1 5/8" I.D. (5.3290)								1							
		5.3312 - CONNECTION, HEAT EXCHANGER WATER OUTLET															
6B	5136727	ELBOW, 6V53	1														
	5135127	ELBOW, 8V53		1			1										
	5145288	ELBOW, 4-53			1	1											
	5135396	ELBOW, 6V53										1			1		
	5138775	TUBE, 4-53					1										
	180082	BOLT, 5/16"-18X1 3/8" (12.9001)			2	2											
	179828	BOLT, 5/16"-18X2 1/2" (12.9001)	2														
	179829	BOLT, 5/16"-18X2 3/4" (12.9001)		2				2									
	186277	BOLT, 3/8"-16 X 2 3/8" (12.9001)										2			2		
	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR	AR	AR										
	103321	LOCKWASHER, 3/8" (12.9200)										AR			AR		

5.3000B WATER CONNECTIONS

PART			TYPES													
.FIG	NUMBER	NAME AND DESCRIPTION	3 1 5	3 1 6	3 1 7	3 1 8	3 1 9	3 5 1	3 5 2	3 5 6	3 5 8	3 5 9	3 6 2	3 6 4	3 6 5	3 6 7
5.3314 - CONNECTION, HEAT EXCHANGER INLET																
5136864	CONNECTOR, 6,8V53		2	2												
5135138	CONNECTOR, 6V53											2				
5144031	ELBOW, 4-53				1											
5145291	ELBOW, 4-53					1										
5123361	COVER, 6V53														2	
186624	BOLT, 5/16"-18X1 1/4" (12.9001)		4	4												
180082	BOLT, 5/16"-18X1 3/8" (12.9001)				2	2										
186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)											4			4	
103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR	AR											
103321	LOCKWASHER, 3/8" (12.9200)											4			4	
5.3315 - BRACKET, EXPANSION TANK INLET CONNECTION																
5185410	+ BRACKET, 4-53				1	1										
179816	BOLT, 5/16"-18X3/4" (12.9001)				1	1										
120393	WASHER, 5/16" (12.9190)				1	1										
103320	LOCKWASHER, 5/16" (12.9200)				AR	AR										
120376	NUT, 5/16"-18 (12.9130)				1	1										
	+ OBSOLETE.															
5.3323 - GASKET, HEAT EXCHANGER TANK INLET CONNECTION																
5146137	GASKET, 4,6,8V53 (4.1300)		2	2	1	1	2					2			2	
5.3325 - GASKET, HEAT EXCHANGER TANK OUTLET CONNECTION																
5134679	GASKET, 4,6,8V53 (4.1300)		1	1	1	1	1					1			1	
5116242	GASKET, 6V53 (1.2044)														2	
5.3330 - HOSE, RADIATOR OUTLET																
5199776	% HOSE, 1 3/4" I.D. X 2" L, 4, 8V53 (5.3295)					1	1									
5199778	% HOSE, 2" I.D. X 2" L, 4-53 (3.1270)											1	1			
5110373	% HOSE, 2" I.D. X 3" L															
5199780	% HOSE, 2 3/8" I.D. X 2.12" L, 8V53 (5.3365)															
8920537	CLAMP, 1 9/16" X 2 1/2" DIA. HOSE (12.9660)			1			1									
	% STD. LENGTH HOSE, CUT TO LENGTH SHOWN.									2						
5.3333 - COVER, HEAT EXCHANGER TANK OUTLET																
5123661	COVER, 6,8V53						2									
5136610	COVER, 6V53															
186624	BOLT, 5/16"-18X1 1/4" (12.9001)						4								2	
179839	BOLT, 3/8" 16 X 1" (12.9001)														4	
103320	LOCKWASHER, 5/16" (12.9200)							AR								
103321	LOCKWASHER, 3/8" (12.9200)														4	

5.3000B WATER CONNECTIONS

PART		TYPES														
FIG	NUMBER	NAME AND DESCRIPTION	3 1 5	3 1 6	3 1 7	3 1 8	3 1 9	3 5 1	3 5 2	3 5 6	3 5 8	3 5 9	3 6 2	3 6 4	3 6 5	3 6 7
		5.3334 - HOSE, HEAT EXCHANGER OUTLET CONNECTION TO WATER PUMP														
6A	5141193	HOSE (2" I.D. X 2 1/2" L.) 4-53 (5.2165)			2	2										
	5199779	+ HOSE, 2 1/4" I.D. X 2.24" L. 6V53 (5.3290)	1													
	5138800	TUBE, 4-53 (DEV. L. 44.50")			1											
	5110881	CLIP (5.2190)			1	1										
	103647	DRAINCOCK, 1/4" (12.9510)			1	1										
		+ STD. LENGTH HOSE, CUT TO LENGTH SHOWN.														
		5.3338 - HOSE, WATER PUMP INLET AND BYPASS TUBE														
	5199778	+ HOSE, 2" X 2" L. (3.1270)								1						
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)								2						
		+ STD. LENGTH HOSE, CUT TO LENGTH SHOWN.														
		5.3340 - CLAMP, RADIATOR OUTLET HOSE														
*	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)			4	4					4					
		* FIG. 4A OF 4.0000.														
		5.3341 - CLAMP, HEAT EXCHANGER TO WATER PUMP HOSE														
	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)				2										
	9139809	CLAMP, 2 1/2" DIA. HOSE (12.9660)	2	2			2									
		5.3360 - GASKET, OIL COOLER WATER INLET CONNECTION														
	5120540	GASKET (4.5007)											1			
		5.3418 - ELBOW, OIL COOLER WATER-INLET														
	5104815	ELBOW											1			
	5142160	ELBOW											1			
	5105256	ELBOW														
	5145014	PLUG, 3/8"-18 PIPE (12.9550)											1	1		
	179819	BOLT, 5/16"-18 X 1 1/8" (12.9001)											2			
	179816	BOLT, 5/16"-18 X 3/4" (12.9001)												2		
	179850	BOLT, 3/8"-16 X 2 3/4" (12.9001)											2			
	103341	WASHER, 3/8" (12.9190)											2			
	103320	LOCKWASHER, 5/16" (12.9200)											2	2		
	103321	LOCKWASHER, 3/8" (12.9200)											2			

5.3000B WATER CONNECTIONS

PART		TYPES														
FIG	NUMBER	NAME AND DESCRIPTION	3 1 5	3 1 6	3 1 7	3 1 8	3 1 9	3 5 1	3 5 2	3 5 6	3 5 8	3 5 9	3 6 2	3 6 4	3 6 5	3 6 7
5.3420 - ELBOW, OIL COOLER WATER-OUTLET																
1A	5126637	+ ELBOW, 4-53			1	1				1						
	5128153	ELBOW, 6V53														
	5104102	ELBOW, 4-53														
5B	5135665	# ELBOW, 6V53	1													
	5138275	ELBOW, 3-53								1	1					
	5107017	ELBOW, 6V53										1			1	
	5133535	ELBOW, 6V53														1
	5145014	PLUG, 3/8" PIPE (12.9550)			1	1				2	2					
	5115214	PLUG, 1/2" PIPE (12.9550)						1								
	5103185	PLUG, 1" PIPE (12.9550)	1													
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	2		2	2		2	2	2	2	2			2	1
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)														1
	120393	WASHER, 5/16" (12.9190)														2
	103320	LOCKWASHER, 5/16" (12.9200)	2		2	2		2	2	2	2	2			2	2
		+ OBSOLETE.														
		# NOT SERVICED, USE 5135679 AND (1) 5103185 PLUG.														
5.3421 - GASKET, OIL COOLER WATER OUTLET ELBOW																
	5116357	GASKET, 2,3,4,6V53 (1.1070)	1		1	1		1	1	1	1	1			1	1
5.3422 - HOSE, OIL COOLER WATER OUTLET																
5B	5199777	# HOSE, 1 7/8" X 4 3/4" L. 2, 3, 4-53			1	1										
	5199778	# HOSE, 2" X 2" L. 6V53 (3.1270)	1													
	5199777	# HOSE, 1 7/8" X 2 3/4" L.							1							
	5199777	# HOSE, 1 7/8" X 2" L.						1				2				
	5141193	# HOSE, 2" X 2 1/2" (5.2165)										1			1	
	8921826	HOSE, 1 7/8"X2.76" (5.3244)														1
	9139809	CLAMP, 2 1/2" HOSE (12.9660)										2			2	
5B	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	2		2	2		2	2			4				2
	5145014	PLUG, 3/8"-18 (12.9550)														1
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.														
5.3430 - CONNECTOR, EXHAUST MANIFOLD FRESH WATER INLET																
5B	5130450	ELBOW, 4,6,8V53 (LEFT BANK)	1	1		1	1									
	5130451	ELBOW, 4,6,8V53 (RIGHT BANK)	1	1	1		1									
	5122663	ELBOW, 4, 6, 8V53 (LEFT BANK AND RIGHT BANK)														
	5175683	ELBOW, WATER HOLE COVER (5.1235)											2		2	
	5124946	COVER, WATER HOLE (5.2160)											1		1	
	5121182	PLUG, 1/4" PIPE (2.4015)	2	2	2	2	2					2			1	
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)			2	2										
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)	4	4			4									
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR									
5.3431 - GASKET, EXHAUST MANIFOLD FRESH WATER INLET																
	5116242	GASKET, 4,6,8V53 (1.2044)	2	2	1	1	2									
	5116357	GASKET, 6V53 (1.1070)											1	1		

5.3000B WATER CONNECTIONS

PART			TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	3 1 5	3 1 6	3 1 7	3 1 8	3 1 9	3 5 1	3 5 2	3 5 6	3 5 8	3 5 9	3 6 2	3 6 4	3 6 5	3 6 7
5.3432 - HOSE, EXHAUST MANIFOLD FRESH WATER INLET																
5A,B	5199776	# HOSE (1 3/4" I.D. X 2" L.) 4, 6, 8V53 (5.3295)	2		1	1	2									
	5199777	# HOSE (1 7/8" I.D. X 2" L.) 6V53 (5.3422)											1			
	5199778	# HOSE (2" I.D. X 2" L.) 2, 3, 4-53 (3.1270)												1		
	5199776	# HOSE (1 3/4" I.D. X 2 3/4" L.) 6, 8V53 (5.3295)		2											1	
	5118149	# HOSE (1" X 2" L.) 6V53 (4.1642)														2
	5118149	# HOSE (1" X 2 1/2" L.) 6V53 (4.1642)										2				
	5118149	# HOSE (1" X 3 1/2" L.) 6V53 (4.1642)										1				1
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.														
5.3434 - CLAMP, EXHAUST MANIFOLD FRESH WATER INLET HOSE																
7A	8920537	CLAMP, 1 9/16"-2 1/2" DIA. HOSE (12.9660)	4	4	2	2	4						2	2		
7A	5186840	CLAMP, 1" HOSE (12.9660)										6				6
5.3445 - CLAMP, EXHAUST MANIFOLD FRESH WATER OUTLET HOSE																
	5186840	CLAMP, 1" HOSE (12.9660)										8				8
5.3446 - HOSE, FRESH WATER OUTLET																
	5118149	# HOSE, 1" X 2 1/2" L. (4.1642)										4				2
	5118149	# HOSE, 1" X 2" L. (4.1642)														2
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.														
5.3447 - TUBE, EXHAUST MANIFOLD FRESH WATER OUTLET																
	5107650	TUBE, LEFT BANK										1				1
	5107651	TUBE, RIGHT BANK										1				1
	5106999	TUBE, RIGHT BANK										1				1
	5177218	CONNECTOR (5.1235)										1				1
	5107996	CONNECTOR, RED. 1/2" TO 1" (5.1235)										2				2
	5127041	CONNECTOR (5.1235)										2				2
5.3465 - VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE																
5B	5129867	% HOSE, 1/4" I.D. X 8" L. (7.4075)	2	2	1	1	2									
	5131604	HOSE ASSY., DEV. L. 15.65" 6, 8V53														
	5113629	FITTING, 1/4" HOSE X 1/8" PIPE (3.1002)			1	1										
	5111277	FITTING, 1/4" HOSE X 1/4" TUBE SWIVEL (8.1017)			1	1										

5.3000B WATER CONNECTIONS

PART		TYPES													
..FIG ..	NUMBER	NAME AND DESCRIPTION													
		3 1 5	3 1 6	3 1 7	3 1 8	3 1 9	3 5 1	3 5 2	3 5 6	3 5 8	3 5 9	3 6 2	3 6 4	3 6 5	3 6 7
	5.3465 - VENT, EXHAUST MANIFOLD WATER OUTLET FLANGE (CONT'D)														
8924146	ELBOW, 1/4" FL. TUBE X 1/4" P.T. 90 DEG. (12.9390)				1	1									
8924149	ELBOW, 1/4" FL. TUBE X 1/8" P.T. 90 DEG. (12.9390)	2	2			2									
144045	BUSHING, 1/2"X1/4" RED. PIPE (12.9570)				1	1									
	% STD. LENGTH HOSE, CUT TO LENGTH SHOWN.														
	5.3480 - TUBE, CYLINDER HEAD VENT														
5137938	HOSE ASSY., DEV. L. 8" 6, 8V53	2	2			2									
9409946	TEE, 1/8" INV. FL. TUBE	2	2			2									
118748	CONNECTOR, 1/8" INV. FL. TUBE (12.9460)	2	2			2									

5.3000B WATER CONNECTIONS

PART		NAME AND DESCRIPTION	TYPES											
..FIG	NUMBER		3	8	8	3	9	2						
		5.3350 - CONNECTION, OIL COOLER WATER INLET												
	5104102	ELBOW, 4-53T	1											
	5142160	ELBOW, 6V53				1								
	5115214	PLUG, 1/2" PIPE (12.9550)	1											
	5145014	PLUG, 3/8" PIPE (12.9550)				1								
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)	2			2								
	103320	LOCKWASHER, 5/16" (12.9200)	2			2								
		5.3421 - GASKET, OIL COOLER WATER OUTLET ELBOW												
6A,B	5116357	GASKET, 4,6V53 (1.1070)	1			1								
		5.3422 - HOSE, OIL COOLER WATER OUTLET												
5B	5199777	@ HOSE, 4-53 (1 7/8" I.D.X4 1/4")	1											
5B	5199777	@ HOSE, 6V53 (1 7/8" I.D.X2")				1								
6B	8920537	CLAMP (1 9/16"X2 1/2" DIA. HOSE) (12.9660)	2			2								
		@ STD. LENGTH HOSE; CUT TO LENGTH SHOWN.												

5.4000A FAN

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	273	275	276	277	278	279	280	281	282	288	290	291
5.4010 - BLADE, FAN														
	NPN	BLADE, CUSTOMER FURNISHED											1	
4A	5146844	BLADE, 17"-6 BLADE, SUCTION		1										
4A	5146845	BLADE, 17"-6 BLADE, BLOWER					1							
1B	5188243	BLADE, 18"-5 BLADE, SUCTION	1											
1B	5145773	BLADE, 18"-6 BLADE, SUCTION								1				
4A	5147710	BLADE, 18"-6 BLADE, BLOWER									1			
1B	5162837	BLADE, 22"-5 BLADE, R.H. SUCTION, L.H. BLOWER			1								1	
1B	5119011	BLADE, 22"-5 BLADE, SUCTION				1								
1B	5119014	BLADE, 22"-5 BLADE, BLOWER					1							
1B	5106199	BLADE, 22"-5 BLADE, BLOWER							1					1
	186625	BOLT, 5/16"-18X7/8" (12.9001)	4	4		4	4	4	4					
	186629	BOLT, 5/16"-18X1" (12.9001)			4					4	4			
	179824	BOLT, 5/16"-18X1 3/4" (12.9001)												4
	186648	BOLT, 5/16"-18X1 7/8" (12.9001)											4	
	103320	LOCKWASHER, 5/16" (12.9200)	4	4	4	4	4	4	4	4	4		4	4
5.4015 - PULLEY & HUB ASSY., FAN														
SEE ASSEMBLY BREAKDOWN PAGES AS INDICATED.														
NOTE: WHEN CONVERTING TO NEW TYPES REQUIRED TO REPLACE 5126241 & 5126242 INCLUDE ITEMS THAT MAY DIFFER IN 5.4010.														
	5122870	PULLEY ASSY. (PAGE A1)	1											
	5122868	PULLEY ASSY. (PAGE A1)		1		1	1	1		1	1			
	5122869	PULLEY ASSY. (PAGE A1)			1				1				1	1
	5123279	+ PULLEY ASSY. (PAGE B1)										1		
+ OBSOLETE.														
5.4025 - SUPPORT, FAN MOUNTING														
4A	5126868	SUPPORT	1	1	1	1	1	1	1	1	1		1	1
	5164294	SPACER, 7/8" X 13/32 X 1/8" (7.1581)			3		3							
	179839	BOLT, 3/8"-16X1" (12.9001)												4
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2	2	2	2	2	2	2	2	2		2	
	186282	SPACER, 13/32" X 7/8" X 1/8" (7.1581)	2	2	2	2	2	2	2	2	2		2	
	103321	LOCKWASHER, 3/8" (12.9200)	4	4	4	4	4	4	4	4	4	4	4	4
5.4090 - BRACKET, FAN SHAFT														
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)										2		
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	3	3	3	3	3	3	3	3	3		3	3
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)										1		
	103341	WASHER, 3/8" (12.9190)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

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

D E T R O I T D I E S E L

5.4000A FAN

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	273	275	276	277	278	279	280	281	282	288	290	291
	5.4180	- CAP AND SPACER, FAN HUB												
	5125022	CAP & SPACER ASSY. (INCLUDES CAP)											1	1
	5125021	CAP											1	1

5.4000A FAN

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		2 9 2	2 9 3	3 0 5	3 0 8	3 0 8	3 1 0	3 2 2	3 2 8	3 3 0	3 3 1	3 3 2	
5.4010 - BLADE, FAN														
	NPN	BLADE, CUSTOMER FURNISHED				1	1			1	1			
4A	5128457	BLADE, 14"-6 BLADE, BLOWER			1									
4A	5146844	BLADE, 17"-6 BLADE, SUCTION	1											
4A	5146845	BLADE, 17"-6 BLADE, BLOWER		1										
1B	5145773	BLADE, 18"-6 BLADE, SUCTION						1	1					
1B	5162837	BLADE, 22"-5 BLADE, R.H. SUCTION, L.H. BLOWER										1		
4A	5124701	BLADE, 24"-6 BLADE, SUCTION					1							
4A	186625	BOLT, 5/16"-18X7/8" (12.9001)			4		4	4						
4A	186629	BOLT, 5/16"-18X1" (12.9001)							4					
4A	179824	BOLT, 5/16"-18X1 3/4" (12.9001)	4	4								4		
4A	103320	LOCKWASHER, 5/16" (12.9200)	4	4	4		4	4	4			4		
5.4015 - PULLEY & HUB ASSY., FAN														
SEE ASSEMBLY BREAKDOWN PAGES AS INDICATED.														
NOTE: WHEN CONVERTING TO NEW TYPES REQUIRED TO REPLACE 5126241 & 5126242 INCLUDE ITEMS THAT MAY DIFFER IN 5.4010.														
	5122868	PULLEY ASSY. (PAGE A1)	1	1						1				
	5122869	PULLEY ASSY. (PAGE A1)					1							
	5123335	+ PULLEY ASSY. (PAGE B1)			1	1								
	5125116	+ PULLEY ASSY. (PAGE B1)					1							
	5126242	# PULLEY ASSY. (PAGE A1)						1						
	5126502	PULLEY ASSY. (PAGE A1)							1		1			
	5126241	& PULLEY ASSY. (PAGE A1)										1		
+ OBSOLETE														
# NOT SERVICED, CONVERT TYPE 322 TO 874.														
& NOT SERVICED, CONVERT TYPE 332 TO 875.														
5.4025 - SUPPORT, FAN MOUNTING														
4A	5126868	SUPPORT	1	1			1		1	1	1			
	8921343	SUPPORT						2				2		
	5164294	SPACER, 7/8" X 13/32" X 1/8" (7.1581)							3				4	
	179839	BOLT, 3/8"-16X1" (12.9001)		4										
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2				2		2	2	2			
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)										2		
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)	2				2		2	2	2			
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)						4					4	
	450517	BOLT, 3/8"-16X4 3/4" (12.9001)									2			
	103321	LOCKWASHER, 3/8" (12.9200)	4	4			4	4	4	4	4	4		

5.4000A FAN

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	292	293	305	306	308	310	322	328	330	331	332
5.4090 - BRACKET, FAN SHAFT													
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)			2	2	2						
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	3	3				3	4	3	3	3	4
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)			1	1	1						
	103341	WASHER, 3/8" (12.9190)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	
5.4180 - CAP AND SPACER, FAN HUB													
48.C	5125022	CAP & SPACER ASSY. (INCLUDES CAP)	1	1									
48	5125021	CAP	1	1									1

5.4000A FAN

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 3 8	3 3 9	3 4 4	3 4 6	3 4 7	3 5 1	3 5 2	3 5 3	3 5 4	3 5 5	3 6 2	3 6 8
5.4010 - BLADE, FAN														
	NPN	BLADE (CUSTOMER FURNISHED)				1	1			1				
1B	5145773	BLADE, 18"-5 BLADE, SUCTION											1	
4A	5147710	BLADE, 18"-6 BLADE, BLOWER		1										1
4A	5145212	BLADE, 20"-6 BLADE, BLOWER									1			
1B	5162837	BLADE, 22"-5 BLADE, SUCTION						1					1	
1B	5106199	BLADE, 22"-5 BLADE, BLOWER							1					
4A	5126795	BLADE, 24"-6 BLADE, SUCTION	1											
4A	5124701	BLADE, 24"-6 BLADE, SUCTION					1							
4A	186625	BOLT, 5/16"-18X7/8" (12.9001)	4	4		4	4	4				4		
4A	186629	BOLT, 5/16"-18X1" (12.9001)												4
4A	179824	BOLT, 5/16"-18X1 3/4" (12.9001)							4		4		4	
4A	103320	LOCKWASHER, 5/16" (12.9200)	4	4		4	4	4	4		4	4	4	4
5.4015 - PULLEY & HUB ASSY., FAN														
SEE ASSEMBLY BREAKDOWN PAGES AS INDICATED.														
NOTE: WHEN CONVERTING TO NEW TYPES REQUIRED TO REPLACE 5126241 & 5126242 INCLUDE ITEMS THAT MAY DIFFER IN 5.4010.														
	5122870	PULLEY ASSY. (PAGE A1)	1											
	5126242	# PULLEY ASSY. (PAGE A1)		1										
1B	5162786	% PULLEY ASSY. (PAGE C1)						1	1				1	
	5122868	PULLEY ASSY. (PAGE A1)								1	1			
	5126241	* PULLEY ASSY. (PAGE A1)										1		
	5122869	PULLEY ASSY. (PAGE A1)												1
# NOT SERVICED, CONVERT TYPE 339 TO 863.														
* NOT SERVICED, USE 5103512 HUB ASSY. PLUS 5145773 FAN BLADE AND 2-179824 BOLTS.														
% OBSOLETE														
5.4025 - SUPPORT, FAN MOUNTING														
4A	5126868	SUPPORT	1		1					1	1			1
4A	8921343	SUPPORT										2		
4A	5108946	SUPPORT		2										
4B	5127072	# SUPPORT				1	1	1	1				1	
	5156404	SPACER (4.8040)								4	4			
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2		2									2
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)								2	2			
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)				2	2	2	2				2	
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)	2		2									2
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)		4								4		

5.4000A FAN

PART
..FIG .. NUMBER NAME AND DESCRIPTION

TYPES

			3 3 8	3 3 9	3 4 4	3 4 6	3 4 7	3 5 1	3 5 2	3 5 3	3 5 4	3 5 5	3 6 2	3 6 6		
	5.4025 - SUPPORT, FAN MOUNTING (CONT'D)															
	450517	BOLT, 3/8"-16X4 3/4" (12.9001)								2	2					
	427567	BOLT, 7/16"-14X1 3/4" (12.9001)				2	2	2	2					2		
	103321	LOCKWASHER, 3/8" (12.9200)	4	4	4	2	2			4	4	4			4	
	103322	LOCKWASHER, 7/16" (12.9200)				2	2	2	2					2		
		# NOT SERVICED: USE 5141945 PLUS (2) 179871 AND (2) 450517 BOLTS.														
	5.4090 - BRACKET, FAN SHAFT															
4B	5127071	* BRACKET				1	1									
	5164294	SPACER, 7/8" X 13/32" X 1/8" (7.1581)		4				4	4				4	4	4	
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	3	4						3	3		4		3	
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)				4	4	4	4					4		
	103341	WASHER, 3/8" (12.9190)	AR	AR	AR	4	4			AR	AR	AR	AR			
	103321	LOCKWASHER, 3/8" (12.9200)	AR			4	4	AR	AR	AR	AR	AR	AR	4	AR	
		* OBSOLETE														
	5.4100 - SHAFT, FAN															
4B	5162783	* SHAFT				1	1									
4B	103385	PIN, 1/8"X1" COTTER (12.9250)				1	1									
4B	142534	* PIN, 5/16"X1 3/4" GROOVE (12.9270)				1	1									
4B	5130823	* NUT, 1/2"-20 SLOTTED (12.9130)				1	1									
		* OBSOLETE														
	5.4110 - BEARING, FAN SHAFT															
4B	7461373	* BEARING				2	2									
		* OBSOLETE														
	5.4140 - RETAINER, FAN SHAFT BEARING															
4B	5130822	WASHER, 33/64" I.D. X 1/8" W. (12.9190)				1	1									
	5.4150 - SEAL, FAN SHAFT															
4B	5127119	* SEAL				1	1									
		* OBSOLETE														
	5.4180 - CAP AND SPACER, FAN HUB															
4B,C	5125022	CAP AND SPACER ASSY. (INCLUDES CAP)							1		1			1		
4B	5144798	CAP (PULLEY)				1	1									
4B,C	5125021	CAP (SPACER)							1		1			1		

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

TYPES

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5.4000A FAN

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

			TYPES									
			369	373	378	379	384	401	407	408	428	431
5.4010 - BLADE, FAN												
	NPN	BLADE (CUSTOMER FURNISHED)		1	1				1			
4A	5128457	BLADE, 14"-6 BLADE, BLOWER				1						
4A	5147710	BLADE, 18"-6 BLADE, BLOWER										1
4A	5146212	BLADE, 20"-6 BLADE, BLOWER	1									
1B	5106199	BLADE, 22"-5 BLADE, BLOWER						1		1		
1B	5100158	BLADE, 22"-5 BLADE, SUCTION					1					
4A	186625	BOLT, 5/16"-18X7/8" (12.9001)	4			4						
4A	186629	BOLT, 5/16"-18X1" (12.9001)										4
4A	179824	BOLT, 5/16"-18X1 3/4" (12.9001)						4		4		
4A	179858	BOLT, 7/16"-14X1" (12.9001)					4					
4A	103320	LOCKWASHER, 5/16" (12.9200)	4			4		4		4		4
4A	103322	LOCKWASHER, 7/16" (12.9200)					4					
5.4015 - PULLEY & HUB ASSY., FAN												
SEE ASSEMBLY BREAKDOWN PAGES AS INDICATED.												
NOTE: WHEN CONVERTING TO NEW TYPES REQUIRED TO REPLACE 5126241 & 5126242 INCLUDE ITEMS THAT MAY DIFFER IN 5.4010.												
	5126242	# PULLEY ASSY. (PAGE A1)			1							
	5122868	PULLEY ASSY. (PAGE A1)	1									
	5126241	* PULLEY ASSY. (PAGE A1)							1	1		
	5122869	PULLEY ASSY. (PAGE A1)		1				1				
	5129637	+ PULLEY ASSY. (PAGE B1)				1						
	5126502	PULLEY ASSY. (PAGE A1)										1
# NOT SERVICED, CONVERT TYPE 378 TO 868.												
* NOT SERVICED, CONVERT TYPE 407 TO 876 AND TYPE 408 TO 869.												
+ OBSOLETE.												
5.4025 - SUPPORT, FAN MOUNTING												
4A	5126868	SUPPORT	1	1				1				1
4A	5108945	SUPPORT			2				2	2		
4C	5109640	SUPPORT									1	
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)										
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)	2	2		2		2				2
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)				2						
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)	2	2				2				2
	450517	BOLT, 3/8"-16X4 3/4" (12.9001)			4				4	4		
	427567	BOLT, 7/16"-14X1 3/4" (12.9001)									2	
	103321	LOCKWASHER, 3/8" (12.9200)									2	
	103322	LOCKWASHER, 7/16" (12.9200)	4	4	4	4		4	4	4		4
											2	

5.4000A FAN

PART			TYPES															
FIG	NUMBER	NAME AND DESCRIPTION	3 6 9	3 7 3	3 7 8	3 7 9	3 8 4	4 0 1	4 0 7	4 0 8	4 2 8	4 3 1						
5.4090 - BRACKET, FAN SHAFT																		
	5164294	SPACER, 7/8" X 13/32" X 1/8" (7.1581)		4	4			4	4	4		3						
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	3	3	4			3	4	4		3						
	103341	WASHER, 3/8 (12.9190)	AR			AR												
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR			4	AR	AR		AR						
5.4140 - RETAINER, FAN SHAFT BEARING																		
48	5130822	WASHER, 33/64" I.D. X 1/8" W. (12.9190)				1	1											
5.4150 - SEAL, FAN SHAFT																		
48	5127119	* SEAL				1	1											
		* OBSOLETE																
5.4180 - CAP AND SPACER, FAN HUB																		
48,C	5125022	CAP AND SPACER ASSY. (INCLUDES CAP)							1		1							
48	5144798	CAP (PULLEY)				1	1											
48,C	5125021	CAP (SPACER)						1		1								
5.4235 - PULLEY, FAN																		
48	5127042	* PULLEY (5.38" DIA.)				1	1											
		* OBSOLETE																

5.4000A FAN

PART		NAME AND DESCRIPTION	TYPES													
FIG	NUMBER		4 3 4	4 3 5	4 3 6	4 3 8	4 4 3	4 4 5	4 6 4	4 6 5	4 6 6	4 6 8	4 6 9	4 7 0		
5.4010 - BLADE, FAN																
	NPN	BLADE (CUSTOMER FURNISHED)			1		1			1						
4A	5128457	BLADE, 14"-6 BLADE, BLOWER									1					
1B	5109566	BLADE, 18"-5 BLADE, SUCTION	1													
1B	5145773	BLADE, 18"-6 BLADE, SUCTION		1		1										
4A	5145211	BLADE, 20"-6 BLADE, SUCTION							1			1				
1B	5162837	BLADE, 22"-5 BLADE, SUCTION						1					1			
4A	186625	BOLT, 5/16"-18X7/8" (12.9001)		4							4					
4A	186629	BOLT, 5/16"-18X1" (12.9001)							4			4				
4A	179824	BOLT, 5/16"-18X1 3/4" (12.9001)											4			
4A	179828	BOLT, 5/16"-18X2 1/2" (12.9001)						6								
4A	179858	BOLT, 7/16"-14X1" (12.9001)	4													
4A	103320	LOCKWASHER, 5/16" (12.9200)		AR				AR	AR		AR	AR	AR			
4A	103322	LOCKWASHER, 7/16" (12.9200)	4													
5.4015 - PULLEY & HUB ASSY., FAN																
SEE ASSEMBLY BREAKDOWN PAGES AS INDICATED.																
NOTE: WHEN CONVERTING TO NEW TYPES REQUIRED TO REPLACE 5126241 & 5126242 INCLUDE ITEMS THAT MAY DIFFER IN 5.4010.																
	5126242	# PULLEY ASSY. (PAGE A1)		1												
1B	5162786	= PULLEY ASSY. (PAGE C1)			1											
	5122868	PULLEY ASSY. (PAGE A1)				1			1		1					
	5170456	% PULLEY ASSY. (PAGE A1)					1									
1B	5131211	* PULLEY ASSY. (PAGE C1) (5103350)						1								
1B	5131207	* PULLEY ASSY. (PAGE C1) (5103347)								1						
	5170472	PULLEY ASSY. (PAGE B1)										1				
	5126241	+ PULLEY ASSY. (PAGE A1)											1			
# NOT SERVICED, CONVERT TYPE 435 TO 867.																
% NOT SERVICED, USE 5116483 PULLEY PLUS 905619 BEARING AND 5140234 BRACKET.																
+ NOT SERVICED, FOR TYPE 469 USE 5145534 HUB ASSY. PLUS 5162837 FAN BLADE AND (2) 186625 BOLTS.																
= OBSOLETE																
* NOT SERVICED, USE PART NUMBER IN PARENTHESES.																
5.4025 - SUPPORT, FAN MOUNTING																
1A	5108945	SUPPORT		2									2			
4B	5127072	# SUPPORT			1											
4A	5126868	SUPPORT				1	1		1		1	1				

5.4000A FAN

PART		TYPES													
..FIG ..	NUMBER ..	NAME AND DESCRIPTION ..													
		4 3 4	4 3 5	4 3 6	4 3 8	4 4 3	4 4 5	4 6 4	4 6 5	4 6 6	4 6 8	4 6 9	4 7 0		
5.4025 - SUPPORT, FAN MOUNTING (CONT'D)															
4C	5109640	SUPPORT						1	1				1		
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)						2		2	2				
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)													
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)						2		2	2				
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)						4				4			
	450517	BOLT, 3/8"-16X4 3/4" (12.9001)											2		
	427567	BOLT, 7/16"-14X1 3/4" (12.9001)						2	2				2		
	103321	LOCKWASHER, 3/8" (12.9200)						2	2				2		
	103322	LOCKWASHER, 7/16" (12.9200)						4	4	4	4	4			
	# NOT SERVICED; USE 5141945 PLUS (2) 179871 AND (2) 450517 BOLTS.														
5.4090 - BRACKET, FAN SHAFT															
	5164294	SPACER, 7/8" X 13/32" X 1/8" (7.1581)						4	4	3	3		3	3	4
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)						4		3	3		3	4	
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)							4						
	103321	LOCKWASHER, 3/8" (12.9200)						AR	AR	AR	AR		AR	AR	AR
5.4100 - SHAFT, FAN															
	FOR SHAFT SEE PULLEY AND HUB ASSY. BREAKDOWN.														
4C	427564	BOLT, 7/16"-14X1 3/8" (12.9001)													
4C	5108436	WASHER, 15/32" (7.1598)						4		4					
4C	103322	LOCKWASHER, 7/16" (12.9200)						4		4					
5.4180 - CAP & SPACER, FAN HUB															
4C	5111071	* CAP & SPACER ASSY. (INCLUDES CAP)						1							
4B	5125022	CAP & SPACER ASSY. (INCLUDES CAP)										1			
4C	5176204	+ CAP & SPACER ASSY. (INCLUDES CAP)												1	
4B	5125021	CAP (SPACER)													
4C	5172852	CAP (SPACER)										1		1	
	NPN	SPACER (CUSTOMER FURNISHED)						1							
	* NOT SERVICED USE (3) 5103676 AND (1) 5103460.														
	+ NOT SERVICED, USE 5103718 PLUS 1-5144798 CAP.														
5.4290 - SCREW, FAN BRACKET ADJUSTING															
4C	5109641	BRACKET						1		1					
4C	5109642	BOLT, 5/16"-18X7" ADJ.						1		1					
4C	179837	BOLT, 3/8"-16X3/4" (12.9001)								2					

5.4000A FAN

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	4 3 4	4 3 5	4 3 6	4 3 8	4 4 3	4 4 5	4 6 4	4 6 5	4 6 6	4 6 8	4 6 9	4 7 0
5.4290 - SCREW, FAN BRACKET ADJUSTING (CONT'D)														
179856		BOLT, 7/16"-14X3/4" (12.9001)						2		2				
120393		WASHER, 5/16" (12.9190)								1				
103321		LOCKWASHER, 3/8" (12.9200)								2				
103322		LOCKWASHER, 7/16" (12.9200)						2		2				

5.4000A FAN

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	471	475	479	481	482	488	491	494	499	503	510	
5.4010 - BLADE, FAN														
	NPN	BLADE (CUSTOMER FURNISHED)				1	1	1						
4A	5146845	BLADE, 17"-6 BLADE, BLOWER									1			
4A	5145773	BLADE, 18"-6 BLADE, SUCTION	1											
4A	5145211	BLADE, 20"-6 BLADE, SUCTION		1										
4A	5145212	BLADE, 20"-6 BLADE, BLOWER											1	
4A	5106199	BLADE, 22"-5 BLADE, BLOWER			1				1					
4A	5162837	BLADE, 22"-5 BLADE, SUCTION								1				
4A	5173872	BLADE, 22"-6 BLADE, SUCTION										1		
4A	186625	BOLT, 5/16"-18X7/8" (12.9001)	4	4	4				4	4				
4A	186629	BOLT, 5/16"-18X1" (12.9001)											4	
4A	180082	BOLT, 5/16"-18X1 3/8" (12.9001)										6		
4A	426444	BOLT, 5/16"-18X3 1/4" (12.9001)									4			
4A	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR				AR	AR	AR	AR	AR	
5.4015 - PULLEY & HUB ASSY., FAN														
SEE ASSEMBLY BREAKDOWN PAGES AS INDICATED.														
NOTE: WHEN CONVERTING TO NEW TYPES REQUIRED TO REPLACE 5126241 & 5126242 INCLUDE ITEMS THAT MAY DIFFER IN 5.4010.														
	NPN	PULLEY ASSY. (CUSTOMER FURNISHED)				1	1							
	5162786	= PULLEY ASSY. (PAGE C1)							1					
	5122868	PULLEY ASSY. (PAGE A1)			1									
	5170456	% PULLEY ASSY. (PAGE A1)	1							1				
	5131207	* PULLEY ASSY. (PAGE C1) (5103347)										1		
	5170472	PULLEY ASSY. (PAGE B1)						1					1	
	5122869	PULLEY ASSY. (PAGE A1)		1							1			
% NOT SERVICED, USE 5116483 PULLEY PLUS 905619 BEARING AND 5140234 BRACKET.														
= OBSOLETE														
* NOT SERVICED, USE PART NUMBER IN PARENTHESES.														
5.4025 - SUPPORT, FAN MOUNTING														
	5108945	SUPPORT				2								
4B	5127072	# SUPPORT							1					
4A	5126868	SUPPORT	1	1	1			1		1	1		1	
4C	5109640	SUPPORT					1					1		
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2	2	2			2		2	2		2	
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)							2					
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)	2	2	2			2		2	2		2	
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)				4								
	450517	BOLT, 3/8"-16X4 3/4" (12.9001)					2					2		

5.4000A FAN

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	471	475	479	481	482	488	491	494	499	503	510
		5.4025 - SUPPORT, FAN MOUNTING (CONT'D)											
	427567	BOLT, 7/16"-14X1 3/4" (12.9001)					2		2			2	
	103321	LOCKWASHER, 3/8" (12.9200)	4	4	4	4		4	2	4	4	2	4
	103322	LOCKWASHER, 7/16" (12.9200)					2		2			2	
		# NOT SERVICED; USE 5141945 PLUS (2) 179871 AND (2) 450517 BOLTS.											
		5.4090 - BRACKET, FAN SHAFT											
	5164294	SPACER, 7/8" X 13/32" X 1/8" (7.1581)	3	3	3			3	4	3	3		3
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)						3		3	3		
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	3	3	3								3
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)							4				
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR			AR	AR	AR	AR		AR
		5.4100 - SHAFT, FAN											
		FOR SHAFT SEE PULLEY AND HUB ASSY. BREAKDOWN.											
4C	427564	BOLT, 7/16"-14X1 3/8" (12.9001)											4
4C	5108436	WASHER, 15/32" (7.1598)											4
4C	103322	LOCKWASHER, 7/16" (12.9200)											4
		5.4180 - CAP & SPACER, FAN HUB											
4B	5131536	CAP & SPACER ASSY. (INCLUDES CAP)									1		
4B	5125021	CAP (SPACER)								1			
4C	5108740	* SPACER										1	
		* NOT SERVICED USE 5103676 AND 5107293.											
		5.4290 - SCREW, FAN BRACKET ADJUSTING											
4C	5109641	BRACKET											1
4C	5109642	BOLT, 5/16"-18X7" ADJ.											1
4C	179837	BOLT, 3/8"-16X3/4" (12.9001)											2
4C	179856	BOLT, 7/16"-14X3/4" (12.9001)											2
4C	120393	WASHER, 5/16" (12.9190)											1
4C	103321	LOCKWASHER, 3/8" (12.9200)											2
4C	103322	LOCKWASHER, 7/16" (12.9200)											2

5.4000A FAN

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	5 1 3	5 1 6	5 2 2	5 2 8	5 2 9	5 3 3	5 3 7	5 3 9	5 4 3	5 5 0	5 5 1	5 5 8
5.4010 - BLADE, FAN														
	NPN	BLADE (CUSTOMER FURNISHED)										1		
4A	5128457	BLADE, 14"-6 BLADE, BLOWER												1
4A	5147710	BLADE, 18"-6 BLADE, BLOWER											1	
4A	5145211	BLADE, 20"-6 BLADE, SUCTION		1				1			1			
4A	5119011	BLADE, 22"-5 BLADE, SUCTION	1											
4A	5173872	BLADE, 22"-6 BLADE, SUCTION			1									
4A	5173871	BLADE, 22"-6 BLADE, BLOWER				1			1					
4A	5128608	BLADE, 24"-6 BLADE, SUCTION								1				
4A	5171229	BLADE, 26"-6 BLADE, BLOWER					1							
4A	186625	BOLT, 5/16"-18X7/8" (12.9001)	4			6	6	4	6		4			4
4A	186629	BOLT, 5/16"-18X1" (12.9001)		4									4	
4A	180082	BOLT, 5/16"-18X1 3/8" (12.9001)			6					6				
4A	103320	LOCKWASHER, 5/16" (12.9200)	4	4	6	6	6	4	6	6	4		4	4
5.4015 - PULLEY & HUB ASSY., FAN														
SEE ASSEMBLY BREAKDOWN PAGES AS INDICATED.														
	5122869	PULLEY ASSY. (PAGE A1)	1											
	5126502	PULLEY ASSY. (PAGE A1)		1										1
	5131207	* PULLEY ASSY. (PAGE C1) (5103347)			1	1	1		1	1				
	5126242	# PULLEY ASSY. (PAGE A1)									1			
	5132601	PULLEY ASSY. (PAGE A1)										1		
	5170472	PULLEY ASSY. (PAGE B1)											1	
# NOT SERVICED, CONVERT TYPE 543 TO TYPE 871.														
* NOT SERVICED, USE PART NUMBER IN PARENTHESES.														
5.4025 - SUPPORT, FAN MOUNTING														
4A	5126868	SUPPORT	1	1				1				1	1	1
4C	5109640	SUPPORT			1	1	1		1	1				
	5108945	SUPPORT									2			
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2	2				2				2	2	2
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)	2	2				2				2	2	2
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)									4			
	450517	BOLT, 3/8"-16X4 3/4" (12.9001)			2	2	2		2	2				
	427567	BOLT, 7/16"-14X1 3/4" (12.9001)			2	2	2		2	2				
	103321	LOCKWASHER, 3/8" (12.9200)	4	4	2	2	2	2	2	2	4	4	4	4
	103322	LOCKWASHER, 7/16" (12.9200)			2	2	2		2	2				
5.4090 - BRACKET, FAN SHAFT														
	NPN	BRACKET (CUSTOMER FURNISHED)						1						
	5164294	SPACER, 13/32" X 7/8" X 1/8" (7.1581)	3					3			4	3	3	
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)										2		

DETROIT DIESEL

53 MPC ENGINES

5.4000A FAN

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..		TYPES											
		5 1 3	5 1 6	5 2 2	5 2 8	5 2 9	5 3 3	5 3 7	5 3 9	5 4 3	5 5 0	5 5 1	5 5 8
5.4090 - BRACKET, FAN SHAFT (CONT'D)													
	186622 BOLT, 3/8"-16X1 1/4" (12.9001)	3					3			4	1	3	3
	186612 BOLT, 3/8"-16X1 3/8" (12.9001)		3										
	103341 WASHER, 3/8" (12.9190)		3										
	103321 LOCKWASHER, 3/8" (12.9200)	AR	AR				AR			AR	AR	AR	AR
5.4100 - SHAFT, FAN													
A SHAFT ASSY. INCLUDES BEARINGS.													
4A	905619 % SHAFT ASSY.						1						
4C	427564 BOLT, 7/16"-14X1 3/8" (12.9001)			4	4	4		4	4				
4C	5108436 WASHER, 15/32 (7.1598)			4	4	4		4	4				
4C	103322 LOCKWASHER, 7/16" (12.9200)			4	4	4		4	4				
% NOT SERVICED, FOR SERVICE USE 8922500 BEARING ASSY.													
5.4180 - CAP AND SPACER, FAN HUB													
4C	5108740 + SPACER			1					1				
+ NOT SERVICED. USE 5103676 PLUS (1) 5144798 CAP.													
5.4235 - PULLEY, FAN													
4A	5148420 PULLEY (4.30" DIA.) (2 GROOVES)						1						
5.4290 - SCREW, FAN BRACKET ADJUSTING													
4C	5109641 BRACKET			2	2	1		1	2				
4C	5109642 BOLT, 5/16"-18X7" ADJ.			1	1	1		1	1				
4C	179837 BOLT, 3/8"-16X3/4" (12.9001)							2	2				
4C	179856 BOLT, 7/16"-14X3/4" (12.9001)			4	4	2		2	4				
4C	120393 WASHER, 5/16" (12.9190)			1	1	1		1	1				
4C	103321 LOCKWASHER, 3/8" (12.9200)							2	2				
4C	103322 LOCKWASHER, 7/16" (12.9200)			AR	AR	AR		AR	AR				

5.4000A FAN

PART
 .FIG . . . NUMBER NAME AND DESCRIPTION

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	5 8 0	5 6 6	5 6 7	5 7 2	5 7 3	5 7 4	5 7 7	5 7 8	5 8 0	5 8 3	5 8 4
5.4010 - BLADE, FAN													
	NPN	BLADE (CUSTOMER FURNISHED)		1									
4A	5146845	BLADE, 17"-6 BLADE, BLOWER								1			
4A	5145773	BLADE, 18"-6 BLADE, SUCTION	1										
4A	5145211	BLADE, 20"-6 BLADE, SUCTION										1	
4A	5133548	BLADE, 22"-5 BLADE, SUCTION							1				
4A	5162837	BLADE, 22"-5 BLADE, SUCTION											1
4A	5100183	BLADE, 24"-6 BLADE, BLOWER									1		
4A	5171228	BLADE, 26"-6 BLADE, SUCTION			1	1							
4A	5177871	BLADE, 28"-6 BLADE, SUCTION					1						
4A	5175738	BLADE, 28"-6 BLADE, BLOWER						1					
4A	186629	BOLT, 5/16"-18X1" (12.9001)	4									4	
4A	180082	BOLT, 5/16"-18X1 3/8" (12.9001)						6	6		6		
4A	179824	BOLT, 5/16"-18X1 3/4" (12.9001)			6								
4A	179827	BOLT, 5/16"-18X2 1/4" (12.9001)				6		6					6
4A	179829	BOLT, 5/16"-18X2 3/4" (12.9001)					6						
4A	426444	BOLT, 5/16"-18X3 1/4" (12.9001)								4			
4A	103320	LOCKWASHER, 5/16" (12.9200)	4		6	6	6	6	6	4	6	4	6
5.4015 - PULLEY & HUB ASSY., FAN													
SEE ASSEMBLY BREAKDOWN PAGE AS INDICATED.													
	5122869	PULLEY ASSY. (PAGE A1)										1	
	5131207	* PULLEY ASSY. (PAGE C1) (5103347)							1		1		
	5170472	PULLEY ASSY. (PAGE B1)	1							1			
	5131209	* PULLEY ASSY. (PAGE C1) (5103346)			1								
	5131210	* PULLEY ASSY. (PAGE C1) (5103349)				1	1	1					
	5131208	* PULLEY ASSY. (PAGE C1) (5103345)											1
* NOT SERVICED; USE PART NUMBER IN PARENTHESES.													
5.4025 - SUPPORT, FAN MOUNTING													
4A	5126868	SUPPORT	1	1						1		1	
4C	5109640	SUPPORT			1				1		1		
4C	5133272	* SUPPORT					1	1					1
	5164294	SPACER, 13/32" X 7/8" X 1/8" (7.1581)				2							2
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2	2							2		
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)	2	2						2		2	
	450517	BOLT, 3/8"-16X4 3/4" (12.9001)			2	2	2	2	2		2		2
	427567	BOLT, 7/16"-14X1 3/4" (12.9001)			2				2				
	179871	BOLT, 7/16"-14X3 1/4" (12.9001)				2	2	2					2
	103341	WASHER, 3/8" (12.9190)					2						
	103321	LOCKWASHER, 3/8" (12.9200)	4	4	2	2	2	2	2	4	2	4	
	103322	LOCKWASHER, 7/16" (12.9200)			2	2	2	2	2		2		2
* OBSOLETE													

5.4000A FAN

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	5 6 0	5 6 6	5 6 7	5 7 2	5 7 3	5 7 4	5 7 7	5 7 8	5 8 0	5 8 3	5 8 4
5.4090 - BRACKET, FAN SHAFT													
	5164294	SPACER, 13/32" X 7/8" X 1/8" (7.1581)	3	3						4		3	
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	3							3		3	
	103321	LOCKWASHER, 3/8" (12.9200)	AR							AR		AR	
5.4100 - SHAFT, FAN													
A SHAFT ASSY. INCLUDES BEARINGS.													
4A	905619	+ SHAFT ASSY.		1									
4C	427564	BOLT, 7/16"-14X1 3/8" (12.9001)			4	4	4	4	4		4		4
4C	5108436	WASHER, 15/32" (7.1598)			4	4	4	4	4		4		4
4C	103322	LOCKWASHER, 7/16" (12.9200)			4	4	4	4	4		4		4
+ NOT SERVICED, FOR SERVICE USE 8922500 BEARING ASSY.													
5.4180 - CAP AND SPACER, FAN HUB													
4C	5111071	+ CAP AND SPACER ASSY. (INCLUDES CAP)					1						
4C	5109034	* CAP AND SPACER ASSY. (INCLUDES CAP)				1							
4C	5176204	? CAP AND SPACER ASSY. (INCLUDES CAP)			1								
4B	5131536	CAP AND SPACER ASSY. (INCLUDES CAP)			1								
4C	5172852	CAP (SPACER)			1	1	1	1		1			1
4B	5125021	CAP (SPACER)								1			
4C	5108740	= SPACER						1	1		1		
* NOT SERVICED USE 5144798 CAP PLUS 2-5103676 SPACERS.													
= NOT SERVICED USE 5103676 PLUS 1-5107293 CAP.													
+ NOT SERVICED, USE 5103676 PLUS 1-5144798 CAP.													
? NOT SERVICED, USE 5103718 PLUS 1-5144798 CAP.													
5.4235 - PULLEY, FAN													
4A	5148420	PULLEY (4.30" DIA.) (2 GROOVES)		1									
5.4290 - SCREW, FAN BRACKET ADJUSTING													
4C	5109641	BRACKET			1	1	1	1	1		1		2
4C	5109642	BOLT, 5/16"-18X7" ADJ.			1	1	1	1			1		1
4C	179856	BOLT, 7/16"-14X3/4" (12.9001)			2	2	2	2	2		2		4
4C	120393	WASHER, 5/16" (12.9190)			1	1	1	1			1		1
4C	103322	LOCKWASHER, 7/16" (12.9200)			AR				AR		AR		AR

5.4000A FAN

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	585	586	587	590	594	598	600	601	602	603	604	605
5.4010 - BLADE, FAN														
FOR TYPE 593 USE TYPE 906.														
	NPN	BLADE (CUSTOMER FURNISHED)	1				1					1		
4A	5145773	BLADE, 18"-5 BLADE, SUCTION											1	1
4A	5145211	BLADE, 20"-6 BLADE, R.H. SUCTION				1								
4A	5134366	BLADE, 22"-6 BLADE, R.H. SUCTION			1									
4A	5173872	BLADE, 22"-6 BLADE, SUCTION							1		1			
4A	5173871	BLADE, 22"-6 BLADE, BLOWER								1				
4A	5171228	BLADE, 26"-6 BLADE, SUCTION		1										
4A	5135654	BLADE, 26"-6 BLADE, BLOWER						1						
4A	186625	BOLT, 5/16"-18X7/8" (12.9001)								6			4	4
4A	186629	BOLT, 5/16"-18X1" (12.9001)						6						
4A	180082	BOLT, 5/16"-18X1 3/8" (12.9001)							6					
4A	179822	BOLT, 5/16"-18X1 1/2" (12.9001)									6			
4A	179827	BOLT, 5/16"-18X2 1/4" (12.9001)		6										
4A	426444	BOLT, 5/16"-18X3 1/4" (12.9001)				4								
	179858	BOLT, 7/16"-14X1" (12.9001)			4									
4A	103320	LOCKWASHER, 5/16" (12.9200)		6		4		6	6	6	6		4	4
	103322	LOCKWASHER, 7/16" (12.9200)			4									
5.4015 - PULLEY AND HUB ASSY., FAN														
SEE ASSEMBLY BREAKDOWN PAGE AS INDICATED.														
1B	5100984	* PULLEY ASSY. (PAGE D1) (5103345)	1								1			
1B	5131210	* PULLEY ASSY. (PAGE C1) (5103349)		1										
	5132601	PULLEY ASSY. (PAGE A1)				1								
1B	5131207	* PULLEY ASSY. (PAGE C1) (5103347)						1	1	1				
1B	5132421	* PULLEY ASS. (PAGE C1) (5103967)										1		
	5122868	PULLEY ASSY. (PAGE A1)											1	
	5126242	# PULLEY ASSY. (PAGE A1)												1
# NOT SERVICED, USE 5145535 HUB ASSY. PLUS 5145773 FAN BLADE AND (2) 186625 BOLTS.														
* NOT SERVICED, USE PART NUMBER IN PARENTHESES.														
5.4025 - SUPPORT, FAN MOUNTING														
4C	5109640	SUPPORT	1					1	1	1	1			
4C	5133272	+ SUPPORT		1										
4A	5126868	SUPPORT				1	1						1	
	5134819	+ SUPPORT										1		
	8921343	SUPPORT												2
	5164294	SPACER, 13/32" X 7/8" X 1/8" (7.1581)		2										
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)				2	2						2	

5.4000A FAN

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	5 8 5	5 8 6	5 8 7	5 9 0	5 9 4	5 9 8	6 0 0	6 0 1	6 0 2	6 0 3	6 0 4	6 0 5
5.4025 - SUPPORT, FAN MOUNTING (CONT'D)														
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)				2	2						2	
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)												4
	450517	BOLT, 3/8"-16X4 3/4" (12.9001)	2	2				2	2	2	2	2		
	427567	BOLT, 7/16"-14X1 3/4" (12.9001)	2					2	2	2	2			
	179871	BOLT, 7/16"-14X3 1/4" (12.9001)		2								2		
	186725	BOLT, 1/2"-13X1 1/2" (12.9001)										4		
	103341	WASHER, 3/8" (12.9190)		2										
	103343	WASHER, 1/2" (12.9190)										4		
	103321	LOCKWASHER, 3/8" (12.9200)	2	2		2	2						4	4
	103322	LOCKWASHER, 7/16" (12.9200)	2	2				2	2	2	2	2		
	103323	LOCKWASHER, 1/2" (12.9200)										4		
		+ OBSOLETE.												
5.4090 - BRACKET, FAN SHAFT														
	5135224	+ # BRACKET ASSY.					1							
	5164294	SPACER, 13/32" X 7/8" X 1/8" (7.1581)				3	3						3	4
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)				2								
	186612	BOLT, 3/8"-16 X 1 3/8" (12.9001)				1							3	4
	103321	LOCKWASHER, 3/8" (12.9200)				AR							AR	AR
		# INCLUDES SHAFT ASSY. IN 5.4100.												
		+ OBSOLETE.												
5.4100 - SHAFT, FAN														
		A SHAFT ASSY. INCLUDES BEARINGS.												
4A	905619	# SHAFT ASSY.					1							
4C	427564	BOLT, 7/16"-14X1 3/8" (12.9001)	4	4				4	4	4	4			
4C	5108436	WASHER, 15/32" (7.1598)	4	4				4	4	4	4			
4C	103322	LOCKWASHER, 7/16" (12.9200)	4	4				4	4	4	4			
		# NOT SERVICED, FOR SERVICE USE												
		8922500 BEARING ASSY.												
5.4180 - CAP AND SPACER, FAN HUB														
4C	5109034	* CAP AND SPACER ASSY. (INCLUDES												
		CAP)		1										
4B	5131536	CAP AND SPACER ASSY. (INCLUDES												
		CAP)				1								
4C	5176204	+ CAP AND SPACER ASSY. (INCLUDES												
		CAP)									1			
4C	5172852	CAP (SPACER)		1										
4B	5125021	CAP (SPACER)				1								
4C	5108740	@ SPACER							1					
		* NOT SERVICED, USE 5144798 CAP												
		PLUS (2) 5103676 SPACERS.												
		@ NOT SERVICED USE 5103676 PLUS (1)												
		5107293.												
		+ NOT SERVICED, USE 5103718 PLUS												
		(1) 5144798 CAP.												

5.4000A FAN

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		5 8 5	5 8 6	5 8 7	5 9 0	5 9 4	5 9 8	6 0 0	6 0 1	6 0 2	6 0 3	6 0 4	6 0 5
5.4290 - SCREW, FAN BRACKET ADJUSTING														
4C	5109641	BRACKET	1	2			4			1				
	5134618	BRACKET						1	1					
4C	5109642	BOLT, 5/16"-18X7" ADJ.	1	1			1							
	5108434	BOLT, 5/16 -18X5 ADJ.						1	1	1				
	179856	BOLT, 7/16"-14X3/4" (12.9001)	2	4			4			2	2			
	193221	BOLT, 7/16"-14X1 1/4" (12.9001)						2	2					
	120393	WASHER, 5/16" (12.9190)	1	1			1			1				
	103343	WASHER, 1/2" (12.9190)										1		
	103342	WASHER, 7/16" (12.9190)							2	2				
	103322	LOCKWASHER, 7/16" (12.9200)	AR	AR			AR	AR	AR	AR				
	103323	LOCKWASHER, 1/2" (12.9200)										1		

5.4000A FAN

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES										
			6 0 6	6 0 9	6 1 5	6 1 7	6 2 1	6 2 6	6 2 7	6 3 2	6 3 4	6 3 5	6 3 6
5.4010 - BLADE, FAN													
	NPN	BLADE (CUSTOMER FURNISHED)				1		1		1	1		
4A	5145773	BLADE, 18"-6 BLADE, SUCTION	1					1					
4A	5145212	BLADE, 20"-6 BLADE, BLOWER											1
4A	5173872	BLADE, 22"-6 BLADE, SUCTION									1	1	
4A	5128508	BLADE, 24"-6 BLADE, SUCTION				1							
4A	5175738	BLADE, 28"-6 BLADE, BLOWER		1									
4A	186625	BOLT, 5/16"-18X7/8" (12.9001)	4					4					
4A	180082	BOLT, 5/16"-18X1 3/8" (12.9001)				6							
4A	179823	BOLT, 5/16"-18X1 5/8" (12.9001)									6		
4A	179827	BOLT, 5/16"-18X2 1/4" (12.9001)		6									
4A	179828	BOLT, 5/16"-18X2 1/2" (12.9001)										6	
4A	103320	LOCKWASHER, 5/16" (12.9200)	4	6		6		4			6	6	
5.4015 - PULLEY AND HUB ASSY., FAN													
		SEE ASSEMBLY BREAKDOWN PAGE AS INDICATED.											
	NPN	PULLEY ASSY. (CUSTOMER FURNISHED)				1		1					1
	5131208	* PULLEY ASSY. (PAGE C1) (5103345)								1			
	5131210	* PULLEY ASSY. (PAGE C1) (5103349)		1									
	5131207	* PULLEY ASSY. (PAGE C1) (5103347)				1			1		1	1	
	5126242	# PULLEY ASSY. (PAGE A1)	1										
	5122869	PULLEY ASSY. (PAGE A1)						1					
		# NOT SERVICED, CONVERT TYPE 606 TO TYPE 867.											
		* NOT SERVICED, USE PART NUMBER IN PARENTHESES.											
5.4025 - SUPPORT, FAN MOUNTING													
4C	5109640	SUPPORT				1			1	1	1	1	
4C	5133272	* SUPPORT		1									
4A	5126868	SUPPORT			1		1	1					1
	5108945	SUPPORT	2										
	5164294	SPACER, 13/32" X 7/8" X 1/8" (7.1581)		2	3		3	3					
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)			2		2	2					2
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)			2		2	2					2
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)	4										
	450517	BOLT, 3/8"-16X4 3/4" (12.9001)			2		2			2	2	2	2
	427567	BOLT, 7/16"-14X1 3/4" (12.9001)				2			2	2	2	2	
	179871	BOLT, 7/16"-14X3 1/4" (12.9001)		2									
	103321	LOCKWASHER, 3/8" (12.9200)	4		2		2	4					2
	103322	LOCKWASHER, 7/16" (12.9200)		2		2			2	2	2	2	
		* OBSOLETE											

5.4000A FAN

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	606	609	615	617	621	626	627	632	634	635	636	
5.4090 - BRACKET, FAN SHAFT														
4A	5100201	+ BRACKET (W/INTEGRAL SHAFT) (5.4100)					1							
	5140234	BRACKET											1	
	5164294	SPACER, 13/32" X 7/8" X 1/8" (7.1581)	4										3	
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	4					3					3	
	103321	LOCKWASHER, 3/8" (12.9200)	AR					AR					AR	
		+ NOT SERVICED, REFER TO 5.4015 FOR ASSY. REPLACEMENT.												
5.4100 - SHAFT, FAN														
		A SHAFT ASSY. INCLUDES BEARINGS.												
4A	905619	% SHAFT ASSY.			1			1						
4C	427564	BOLT, 7/16"-14X1 3/8" (12.9001)		4		4			4	4	4	4		
4C	5108436	WASHER, 15/32" (7.1598)		4		4			4	4	4	4		
4C	103322	LOCKWASHER, 7/16" (12.9200)		4		4			4	4	4	4		
		% NOT SERVICED, FOR SERVICE USE 8922500 BEARING ASSY.												
5.4110 - BEARING, FAN SHAFT														
4C	9415132	BEARING ASSY. (FRONT)					1							
4C	7450630	BEARING (REAR)					1							
4C	5131095	RETAINER, GREASE					1							
	5131124	SHIM (.015")					AR							
	5131205	SHIM (.020")					AR							
	5131206	SHIM (.025")					AR							
5.4140 - RETAINER, FAN SHAFT BEARING														
	9409060	BOLT, 1/2"-20X1 1/2" LOCK (12.9001)					1							
	5131123	WASHER, 33/64" I.D. X .32" THICK					1							
5.4150 - SEAL, FAN SHAFT														
4C	5108219	SEAL					1							
5.4170 - SPACER, FAN SHAFT BEARING														
4C	5131122	SPACER					1							
5.4180 - CAP AND SPACER, FAN HUB														
4C	5109034	* CAP AND SPACER ASSY. (INCLUDES CAP)		1								1		
4C	5176204	+ CAP AND SPACER ASSY. (INCLUDES CAP)									1			
	5182861	+ CAP AND SPACER ASSY. (INCLUDES CAP)								1				

5.4000A FAN

PART		NAME AND DESCRIPTION	TYPES										
FIG	NUMBER		606	609	615	617	621	626	627	632	634	635	636
5.4180 - CAP AND SPACER, FAN HUB (CONT'D)													
4C	5172852	CAP (SPACER)		1									
4C	5108740	@ SPACER				1							
		* NOT SERVICED, USE 5144798 CAP PLUS (2) 5103676 SPACERS FOR TYPE 609 OR (3) 5103676 SPACERS FOR TYPE 635.											
		@ NOT SERVICED, USE 5103676 PLUS (1) 5107293.											
		+ NOT SERVICED, USE 5103718 PLUS (1) 5144798 CAP.											
5.4235 - PULLEY, FAN													
4A	5116483	PULLEY (5.38" DIA., 2 GROOVES)				1							
5.4290 - SCREW, FAN BRACKET ADJUSTING													
4C	5109641	BRACKET	2							1		2	
	5134618	BRACKET				1			1		1		
4C	5109642	BOLT, 5/16"-18X7" ADJ.	1							1		1	
	5108434	BOLT, 5/16"-18 X 5" ADJ.				1			1		1		
	5130037	BOLT, 1/2"-13 X 8 1/2" ADJ.										1	
	179837	BOLT, 3/8"-16X3/4" (12.9001)										2	
	179856	BOLT, 7/16"-14X3/4" (12.9001)	4							2		4	
	193221	BOLT, 7/16"-14X1 1/4" (12.9001)				2			2		2		
	120393	WASHER, 5/16" (12.9190)	1							1		1	
	103342	WASHER, 7/16" (12.9190)				2			2		2		
	103321	LOCKWASHER, 3/8" (12.9200)										2	
	103322	LOCKWASHER, 7/16" (12.9200)	4			4			4	AR	AR	4	

5.4000A FAN

PART
 .FIG . . . NUMBER NAME AND DESCRIPTION

TYPES

			6 3 7	6 4 1	6 4 2	6 4 4	6 4 5	6 4 6	6 4 8	6 5 2	6 5 6	6 5 9	6 6 0	6 6 6		
5.4010 - BLADE, FAN																
	NPN	BLADE (CUSTOMER FURNISHED)													1	
4A	5145212	BLADE, 20"-6 BLADE, BLOWER				1			1							
4A	5106199	BLADE, 22"-5 BLADE, BLOWER	1													
4A	5162837	BLADE, 22"-5 BLADE, BLOWER			1						1					
4A	5173872	BLADE, 22"-6 BLADE, SUCTION										1				
4A	5173871	BLADE, 22"-6 BLADE, BLOWER					1									
4A	5100183	BLADE, 24"-6 BLADE, BLOWER											1			
4A	5135654	BLADE, 25"-6 BLADE, BLOWER								1						
4A	5171229	BLADE, 26"-6 BLADE, BLOWER						1								
4A	5171228	BLADE, 26"-6 BLADE, SUCTION		1												
4A	186625	BOLT, 5/16"-18X7/8" (12.9001)	4			4	6				4		4			
4A	186629	BOLT, 5/16"-18X1" (12.9001)								6						
4A	186643	BOLT, 5/16"-18X2 1/16" (12.9001)			6			6								
4A	179827	BOLT, 5/16"-18X2 1/4" (12.9001)		6												
4A	179829	BOLT, 5/16"-18X2 3/4" (12.9001)										6				
4A	426444	BOLT, 5/16"-18X3 1/4" (12.9001)							4							
	103320	LOCKWASHER, 5/16" (12.9200)	4	6	6	4	6	6	4	6	4	6	4			
5.4015 - PULLEY AND HUB ASSY., FAN																
		SEE ASSEMBLY BREAKDOWN PAGES AS INDICATED.														
		NOTE: WHEN CONVERTING TO NEW TYPES REQUIRED TO REPLACE 5126242 INCLUDE ITEMS THAT MAY DIFFER IN 5.4010.														
	5136886	PULLEY ASSY. (PAGE C1)	1													
	5131210	* PULLEY ASSY. (PAGE C1) (5103349)		1												
	5131208	* PULLEY ASSY. (PAGE C1) (5103345)			1											
	5126242	@ PULLEY ASSY. (PAGE A1)				1										
	5131211	* PULLEY ASSY. (PAGE C1) (5103350)					1									
	5131209	* PULLEY ASSY. (PAGE C1) (5103346)						1								
	5132601	PULLEY ASSY. (PAGE A1)							1							
	5131207	* PULLEY ASSY. (PAGE C1) (5103347)								1		1		1		
	5122869	PULLEY ASSY. (PAGE A1)									1					
	5170456	# PULLEY ASSY. (PAGE A1)											1			
		@ NOT SERVICED: CONVERT TYPE 644 TO TYPE 877.														
		# NOT SERVICED: USE COMPONENTS. SEE ASSEMBLY BREAKDOWN.														
		* NOT SERVICED, USE PART NUMBER IN PARENTHESES.														
5.4025 - SUPPORT, FAN MOUNTING																
4A	5126868	SUPPORT	1						1		1		1			
4C	5133272	@ SUPPORT		1	1											
	8921343	SUPPORT				2										

5.4000A FAN

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	637	641	642	644	645	646	648	652	656	659	660	666
5.4025 - SUPPORT, FAN MOUNTING (CONT'D)														
4C	5109640	SUPPORT					1	1		1		1		
	5136366	* SUPPORT												1
	5164294	SPACER, 13/32" X 7/8" X 1/8" (7.1581)		2	2									
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2						2		2		2	
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)												2
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)	2						2		2		2	
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)				4								
	450517	BOLT, 3/8"-16X4 3/4" (12.9001)		2	2		2	2		2		2		
	427567	BOLT, 7/16"-14X1 3/4" (12.9001)					2	2		2		2		2
	179871	BOLT, 7/16"-14X3 1/4" (12.9001)		2	2									
	103321	LOCKWASHER, 3/8" (12.9200)	4			4			4		4			
	103322	LOCKWASHER, 7/16" (12.9200)		2	2		2	2		2		2		2
		* NOT SERVICED; USE 5141945 PLUS (2) 179850 AND (2) 179864 BOLTS. @ OBSOLETE												
5.4090 - BRACKET, FAN SHAFT														
	5164294	SPACER, 13/32" X 7/8" X 1/8" (7.1581)	4						3		3		3	
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)							2					
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	3			4			1		3		3	
	103321	LOCKWASHER, 3/8" (12.9200)	AR											
5.4100 - SHAFT, FAN														
		FOR SHAFT SEE PULLEY AND HUB ASSY. BREAKDOWN.												
4C	427564	BOLT, 7/16"-14X1 3/8" (12.9001)		4	4		4	4		4		4		4
4C	5108436	WASHER, 15/32" (7.1598)		4	4		4	4		4		4		4
4C	103322	LOCKWASHER, 7/16" (12.9200)		4	4		4	4		4		4		4
5.4180 - CAP & SPACER, FAN HUB														
	5109034	# CAP & SPACER ASSY. (INCLUDES CAP)		1	1			1						
	5131536	CAP & SPACER ASSY. (INCLUDES CAP)							1					
	5111071	* CAP & SPACER ASSY. (INCLUDES CAP)										1		
	5172852	CAP (SPACER)		1	1			1				1		
	5125021	CAP (SPACER)							1					
		# NOT SERVICED; USE (2) 5103676 SPACER AND 5144798 CAP.												
		* NOT SERVICED; USE (3) 5103676 SPACER AND 5107293 CAP.												

5.4000A FAN

PART			TYPES													
..FIG ..	NUMBER ..	NAME AND DESCRIPTION ..	6 3 7	6 4 1	6 4 2	6 4 4	6 4 5	6 4 6	6 4 8	6 5 2	6 5 6	6 5 9	6 6 0	6 6 6		
5.4290 - SCREW, FAN BRACKET ADJUSTING																
4C	5109842	BOLT, 5/16"-18X7" ADJ.						1				1				
	5108434	BOLT, 5/16"-18 X 5" ADJ.		1	1		1			1				1		
	5134618	BRACKET		1	1		1			1				1		
4C	5109641	BRACKET						1				1				
4C	179837	BOLT, 3/8"-16X3/4" (12.9001)						2				2				
4C	179856	BOLT, 7/16"-14X3/4" (12.9001)						2				2				
	193221	BOLT, 7/16"-14X1 1/4" (12.9001)		2	2		2			2				2		
4C	120393	WASHER, 5/16" (12.9190)						1				1		1		
	103342	WASHER, 7/16" (12.9190)		2	2		2			2				2		
4C	103322	LOCKWASHER, 7/16" (12.9200)		2	2		2	2		2		2		2		
4C	103321	LOCKWASHER, 3/8" (12.9200)						2				2				
5.4325 - IDLER PULLEY, FAN BELT																
	5137548	GUIDE	1					1	1							
	181350	BOLT, 5/16"-24X2 3/4" (12.9001)	1					1	1							
	103320	LOCKWASHER, 5/16" (12.9200)	1					1	1							
	114493	NUT, 5/16"-24 (12.9120)	1					1	1							
5.4337 - BRACKET, FAN BELT IDLER PULLEY																
	5136445	BRACKET	1													
	5178895	SPACER, .40" X 7/8" X .40" (7.1585)	2													
	186654	BOLT, 5/16"-24X1 1/8" (12.9001)	1													
	455537	BOLT, 3/8"-16X4" (12.9001)	2													
	114493	NUT, 5/16"-24 (12.9120)	1													
5.4341 - SHAFT, FAN BELT IDLER PULLEY																
	5137625	HUB (5.4347)						1								
	5137031	SUPPORT, HUB (5.4347)						1								
	186654	BOLT, 5/16"-24X1 1/8" (12.9001)						1								
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)						1								
	187234	BOLT, 3/8"-24X2 7/8" (12.9001)						1								
	186626	BOLT, 7/16"-14X1 5/8" (12.9001)						1								
	191309	BOLT, 7/16"-14X2 1/8" (12.9001)						1								
	5137237	WASHER, 3/16" (5.4337)						1								
	103321	LOCKWASHER, 3/8" (12.9200)						2								
	103322	LOCKWASHER, 7/16" (12.9200)						2								
	114493	NUT, 5/16"-24 (12.9120)						1								
	103026	NUT, 3/8"-24 (12.9120)						1								
5.4343 - ARM, FAN BELT IDLER PULLEY ADJUSTING																
	5136623	ARM ASSY. (INCLUDES ARM, PULLEY, SHAFT AND BUSHING, NOT SOLD SEPARATELY)	1					1								

5.4000A FAN

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	6 3 7	6 4 1	6 4 2	6 4 4	6 4 5	6 4 6	6 4 8	6 5 2	6 5 6	6 5 9	6 6 0	6 6 6
	5.4343	ARM, FAN BELT IDLER PULLEY ADJUSTING (CONT'D)												
	5137740	DEFLECTOR ASSY. (INCLUDES 5144065 BUSHING)						1						
	5144065	BUSHING, 1/2" X .46" X 1"						1						
	5137609	SLEEVE, BELT DEFLECTOR						1						
	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)						1						
	5171344	WASHER, 5/16" (2.8830)						1						
	103320	LOCKWASHER, 5/16" (12.9200)						1						
	114493	NUT, 5/16"-24 (12.9120)						1						
	5.4347	SUPPORT ASSY., FAN BELT IDLER PULLEY												
	5136653	HUB	1											
	9418964	BOLT, 3/8"-16X5" (12.9001)	1											
	5139928	WASHER, .10" X 1 3/8" (5.4337)	1											
	5.4353	SPRING, FAN BELT IDLER PULLEY SUPPORT SHAFT												
	5136654	SPRING	1					1						
	5137768	SPRING						1						
	5136439	BRACKET, IDLER PULLEY SPRING	1											
	5137040	BRACKET, IDLER PULLEY SPRING						1						
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)						2						