

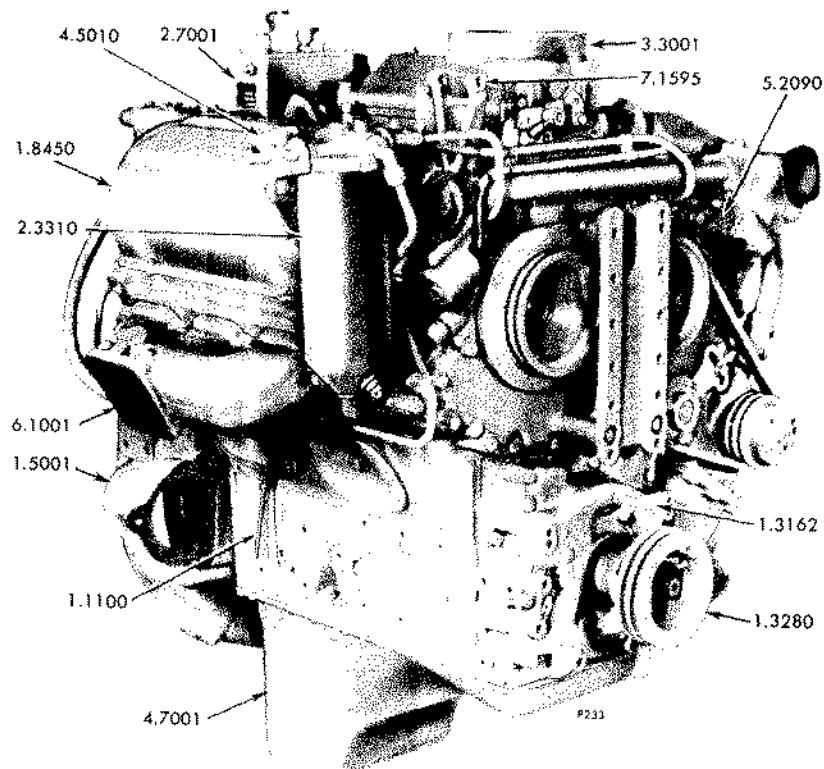
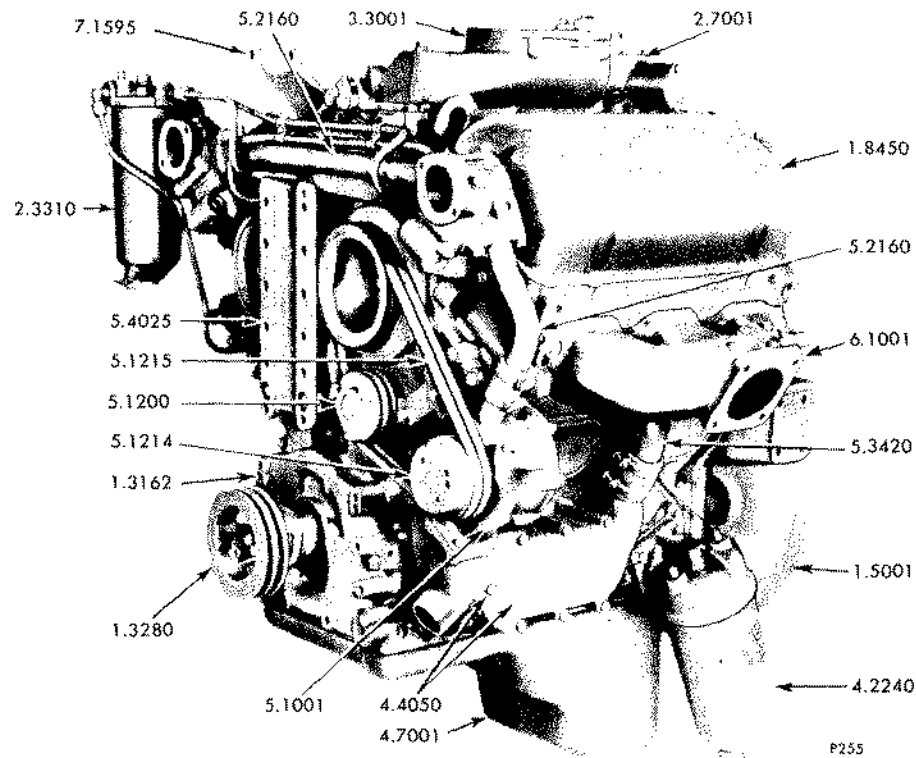


FIG. 10J TYPICAL 6 CYLINDER FAN TO FLYWHEEL INDUSTRIAL UNIT

Fig. 10J of 1.0000

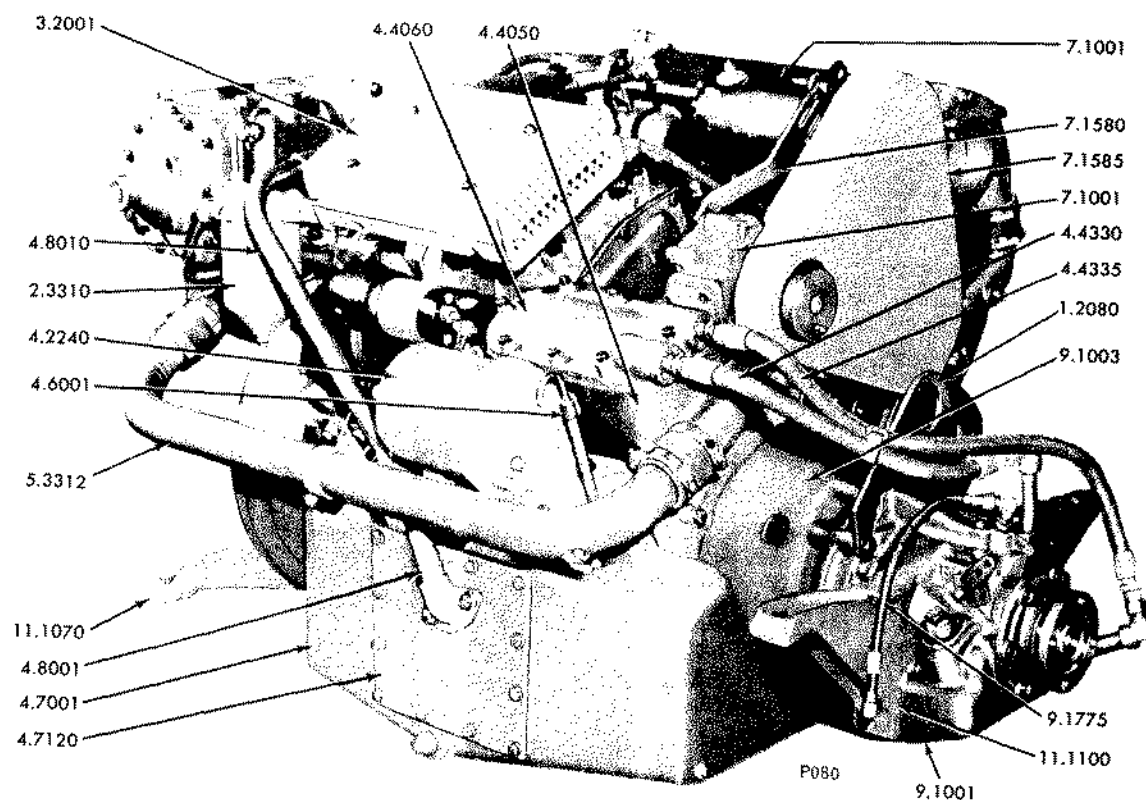
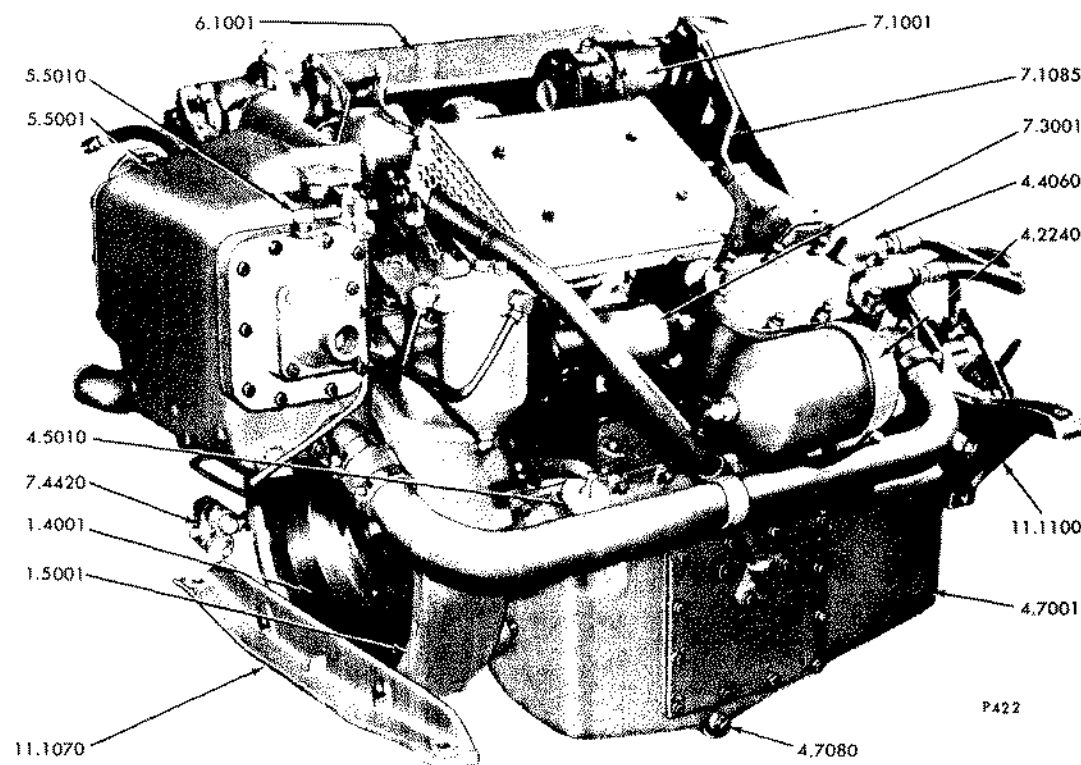


FIG. 10K TYPICAL INCLINED MARINE UNIT

Fig. 10K of 1.0000

OCT., 1978

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1.1000 CYLINDER BLOCK

PART		TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	2	3	3	4	4	5	5	5	
			8	0	1	3	5	6	3	5	
			9			8	4			6	
1.1001 - BLOCK, CYLINDER											
FOR COMPONENTS OF SERVICE CYLINDER BLOCK ASSEMBLIES REFER TO ASSEMBLY BREAKDOWN PAGES AS INDICATED BELOW.											
	5196489	BLOCK ASSY., 2-53 (PAGE A1)	1			1					
	5196490	BLOCK ASSY., 3-53 (PAGE A1)		1			1	1		1	1
	5196491	BLOCK ASSY., 4-53 (PAGE A1)			1		1		1		
1A	5196821	BLOCK ASSY., 6V53 (PAGE A1)			1						
	8924380	PLUG, 1/8" PIPE W/SEAL (12.9550)	6								1
	8923847	PLUG, 1/4" PIPE (4.7001)			1	1					1
	5103045	PIN, 5/16"X7 3/8" DOWEL			3						
	8923313	PLUG, 3/4" PIPE W/SEAL (12.9550)			1						
	5132634	DECAL (DRAIN)		AR		AR	AR		AR	AR	
	443762	EXTENSION TUBE (12.9540)	1								
1.1002 - GASKET KIT, ENGINE OVERHAUL											
A GASKET KIT CONSISTS OF GASKETS NECESSARY FOR ONE ENGINE OVERHAUL. GASKET KITS DO NOT INCLUDE THE ADDITIONAL GASKETS REQUIRED FOR TURBOCHARGED ENGINES.											
	5199790	GASKET KIT, 2-53	AR								
	5199791	GASKET KIT, 3-53		AR				AR			
	5199792	GASKET KIT, 4-53			AR		AR	AR			
	5199793	GASKET KIT, 6V53				AR			AR	AR	AR
	5199789	GASKET KIT, 2-53 (JOHN DEERE)				AR					
1.1020 - PLATE, CYLINDER BLOCK END-REAR											
A PLATE ASSY. INCLUDES PLUG NUTS.											
1A,7C	5121365	PLATE ASSY., 2,3-53 RA-RB-LA-LB ENG.	1	1				1			1
1A,7C	5121366	PLATE ASSY., 2,3-53 RC-RD-LC-LD ENG.	1	1				1		1	1
1A,7C	5121367	PLATE ASSY., 4-53 (RA-RB-LA-LB ENG.)			1		1				
1A,7C	5121368	PLATE ASSY., 4-53 (RC-RD-LC-LD ENG.)			1		1		1		
1B,7D	5126194	PLATE ASSY., 6V53				1					
1A,7C	5121233	PLATE ASSY., 2-53 (RC ENG.)				1					
1A,7C	5109795	PLATE ASSY., 4-53 (RA-RB-LA-LB ENG.)						1			
	5131699	COVER (GOVERNOR DRIVE HOLE)							1	1	
1A,1B	5121459	PLUG, 3/8"-24 NUT	8	8	9	2	6	9	9	8	8
1A,B	180120	BOLT, 3/8"-16X3/4" (12.9001)				13					
1A,B	9409079	BOLT, 3/8"-16X7/8" (12.9001)	13	13	13		13	13	13	13	13
1A,B	179839	BOLT, 3/8"-16X1" (12.9001)				10				2	2
1A,B	181360	BOLT, 3/8"-24X3/4" (12.9001)								3	3
1A,B	186725	BOLT, 1/2"-13X1 1/2" (12.9001)			2						
1A,B	5188274	WASHER, 1/2" BEVELED (6.1020)			2						
1A,B	5152148	WASHER, 3/8" SEAL (COPPER) (2.4050)								3	3
1A,B	103321	LOCKWASHER, 3/8" (12.9200)	13	13	13	10	13	13	13	15	13
1.1030 - GASKET, CYLINDER BLOCK END PLATE-FRONT											
1A	5116354	GASKET, 2,3,4-53	1	1	1		1	1	1	1	1
1B	5133397	GASKET, 6V53			1						
	5116336	GASKET (GOVERNOR HOLE) (2.7010)								1	1

1.1000 CYLINDER BLOCK

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	28	29	30	31	33	38	44	45	46	53	55	56
1.1040 - COVER, CYLINDER BLOCK HAND HOLE														
1C	5116372	COVER, 2-53 (ITEM 6)	1				1							
1C	5116373	COVER, 3-53 (ITEM 5)		1						1			1	
1A,1C	5116374	COVER, 4-53 (ITEM 4)			1				1		1	1		
1B,1C	8921313	COVER, 6V53 (ITEM 3)				4								
	5127874	% COVER, 4-53 (RA-RD-LA-LD ENG.)						1						
	5127875	% COVER, 4-53 (RB-RC-LB-LC ENG.)						1						
1C	5199509	COVER, 3-53 (RB-RC-LB-LC ENG.) (ITEM 5)												1
	5132573	# COVER, 3-53 (RA-RD-LA-LD ENG.)												1
	5107440	CLAMP				4								
	105451	GASKET, 3/8" COPPER (12.9360)				4								
	8924380	@ PLUG, 1/8" PIPE W/SEAL (12.9550)					1							
	114672	@ SCREW, 3/8"-16X1" FLAT HEAD SLOTTED (12.9030)	2				2							
	180120	BOLT, 3/8"-16X3/4" (12.9001)		6	6			6	6		6	6		6
	179839	BOLT, 3/8"-16X1" (12.9001)								6			6	
	181365	BOLT, 3/8"-24X1 1/8" (12.9001)				4								
	103341	WASHER, 3/8" (12.9190)				4								
	114618	@ LOCKWASHER, 3/8" (12.9200)					4							
	103321	@ LOCKWASHER, 3/8" (12.9200)		6	6			6	6	6	6	6	6	6
		# NOT SERVICED; USE 5199509 COVER PLUS (1) 5121182 PLUG.												
		@ THRU 2D-4009 ON TYPES 28 AND 33. USED ALSO WITH SERVICE BLOCK.												
		% NOT SERVICED; USE 5199508 COVER PLUS (1) 5121182 PLUG.												
1.1050 - GASKET, CYLINDER BLOCK HAND HOLE COVER														
1C	5116379	GASKET, 2-53 (ITEM 6)	1				1							
1C	5116380	GASKET, 3-53 (ITEM 5)		1						1			1	1
1A,1C	5116381	GASKET, 4-53 (ITEM 4)			1			1	1		1	1		
1B,1C	5107441	GASKET, 6V53 (ITEM 3)				4								
1.1060 - COVER, CYLINDER BLOCK WATER HOLE														
1A,B	5123918	COVER, 1/8" TAPPED HOLE	1			1	1							
1A,B	5164190	* COVER, 1/4" TAPPED HOLE	1	1	1		1	1			1	1	1	1
1A,B	5115097	COVER, 3/8" TAPPED HOLE	1	1	1						1	1	1	
1A,B	5189143	* COVER, 1/2" TAPPED HOLE		1	1						1	1	1	
1A,B	5134342	COVER, 1/2" NPT. MALE												
1A,B	5150023	COVER, PLAIN (3 10/32" L.)		1	1				1	1	1	1	1	
	8924380	PLUG, 1/8" PIPE W/SEAL (12.9550)					1							
1B	114981	DRAINCOCK, 1/8" (12.9510)	1			1		1						
1B	8924140	DRAINCOCK, 1/4" (12.9510)						1						1
1A,B	186618	BOLT, 5/16"-18X5/8" (12.9001)	2	2			2	2	2	2	2	2	2	2
1A,B	179816	BOLT, 5/16"-18X3/4" (12.9001)			2	2								
1A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	2	2		2					2	2	2	
1A,B	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2	2	2	2	2
		* USE WITH AUTOMATIC SHUTDOWN.												
1.1070 - GASKET, CYLINDER BLOCK WATER HOLE COVER														
1A,B	5116357	GASKET	1	1	1	1	1	1	1	1	1	1	1	1

1.1000 CYLINDER BLOCK

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	5 9	6 3	6 5	6 9	7 2	8 2	8 3	8 6	9 1	9 9	1 0 5	1 4 4
1.1001 - BLOCK, CYLINDER														
FOR COMPONENTS OF SERVICE CYLINDER BLOCK ASSEMBLIES REFER TO ASSEMBLY BREAKDOWN PAGES AS INDICATED BELOW.														
1C	5197164	BLOCK ASSY., 6V53 (PAGE A1)	1											
1A,B	5198692	BLOCK ASSY., 3-53 (ALUM.) (PAGE A1)		1										
1C	5198148	BLOCK ASSY., 8V53 (PAGE B1)			1									
1B	5134842	% BLOCK ASSY., 4-53 MALL CAP (PAGE A1)				1								
1C	5198292	BLOCK ASSY., 6V53 (ALUM.) (PAGE A1)					1							
1A,B	5136343	# BLOCK ASSY., 3-53 MALL CAP(PAGE A1)						1						
1A,B	5135252	# BLOCK ASSY., 3-53 (PAGE A1)							1					
	5136802	* BLOCK ASSY., 6V53 (ALUM.) (PAGE B1)										1		
1A,B	5196491	BLOCK ASSY., 4-53 (PAGE A1)								1	1			
	5149296	BLOCK ASSY., 8V53 (PAGE B1)											1	
1B	5149390	BLOCK ASSY., 3-53 (PAGE B1)												1
	5146331	ELBOW, OIL GALLERY		1										
	5146620	GASKET, OIL GALLERY		1										
	5146332	CAP, OIL GALLERY ELBOW		1										
1A	8924380	PLUG, 1/8" PIPE W/SEAL (12.9550)	4			7			6	1	1		4	6
	8923847	PLUG, 1/4" PIPE (4.7001)	1			1			1	1			1	
	5150130	PLUG, 5/16" CUP										1	2	
	5150131	PLUG, 7/16" CUP												2
	5115214	PLUG, 1/2" PIPE (12.9550)	3									1		
	5121316	PLUG, .6275"x.40" CUP		2		2			2					
	5119218	PLUG, 7/8" CUP (5.1030)	1											
	8923313	PLUG, 3/4" PIPE W/SEAL (12.9550)	1											2
	5138184	PLUG, .984"/.980" CUP										2	2	
	5138183	PLUG, 1.580"/1.576" CUP										2	2	
	141346	PIN, 3/16"x1/2" DOWEL (12.9290)	4			4			4	4	4	4	4	4
	141212	PIN, 5/16"x5/16" DOWEL (12.9290)			4							2	4	
	5103045	PIN, 5/16"x3/8" DOWEL	2		2							2	2	
	5146900	PIN, 3/8"x1 1/8" DOWEL (12.9290)	4	4					4			2		4
	114981	DRAINCOCK, 1/8" (12.9510)	2	2		2			1			2	2	2
	139191	SCREW, 5/8"-11X1/2" HEX. SKT. SET (12.9076)											2	
	5135548	INSERT, .80" DIA.		4			8							
	5135663	INSERT, .455" DIA.		4			8							
	5135547	SLEEVE, .434" DIA.		4			8							
	5135662	SLEEVE, .299" DIA.		4			8							
		# NOT SERVICED, USE 5196490.												
		* OBSOLETE												
		% NOT SERVICED, USE 5196491.												
1.1002 - GASKET KIT, ENGINE OVERHAUL														
A GASKET KIT CONSISTS OF GASKETS NECESSARY FOR ONE ENGINE OVERHAUL. GASKET KITS DO NOT INCLUDE THE ADDITIONAL GASKETS REQUIRED FOR TURBOCHARGED ENGINES.														
	5199791	GASKET KIT, 3-53							AR					AR
	5199792	GASKET KIT, 4-53								AR	AR			
	5199793	* GASKET KIT, 6V53					AR					AR		
	5199814	GASKET KIT, 6V53	AR											
	8927743	GASKET KIT (5063-5299)	AR											
	5199813	GASKET KIT, 3-53 (ALUM.)		AR										
	5199794	GASKET KIT, 8V53				AR								
	5198176	GASKET KIT, 8V53 MARINE SUPPLEMENTAL				AR								

1.1000 CYLINDER BLOCK

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	5 9	6 3	6 5	6 9	7 2	8 2	8 3	8 6	9 1	9 9	1 0 5	1 4 4
1.1002 - GASKET KIT, ENGINE OVERHAUL (CONT'D)														
	5199816	GASKET KIT, 6V53 (ALUM.)					AR							
	5149150	GASKET KIT, 8V53											AR	
		* SIX (6) ADDITIONAL PART NO. 5121256 SEALS IN 1.6190 ARE ALSO REQUIRED FOR TYPE 99.												
1.1020 - PLATE, CYLINDER BLOCK END-REAR														
A PLATE ASSY. INCLUDES PLUG NUTS.														
1A,7C	5121365	PLATE ASSY., 2,3-53 A AND B ENG.				1								1
1A,7C	5121366	PLATE ASSY., 2,3-53 C AND D ENG.							1					
1A,7C	5121367	PLATE ASSY., 4-53 A AND B ENG.								1	1			
1A,7C	5121368	PLATE ASSY., 4-53 C AND D ENG.				1								
1B,7D	5126194	PLATE ASSY., 6V53	1				1					1		
1A,7C	5137469	PLATE ASSY., 3-53 (ALUM.)		1										
1A,7C	5146886	PLATE ASSY., 8V53			1								1	
1A,B	5121459	PLUG, 3/8"-24 NUT	2	8	2	9	2		8	9	9	2	2	8
1A,B	9409079	BOLT, 3/8"-16X7/8" (12.9001)		1		13			13	13	13			13
1A,B	179839	BOLT, 3/8"-16X1" (12.9001)	12		4							12	4	
1A,B	9409028	BOLT, 3/8"-16X1" (12.9001)		12										
1A,B	186619	BOLT, 3/8"-16X1 1/8" (12.9001)					4							
1A,B	186725	BOLT, 1/2"-13X1 1/2" (12.9001)	2		2							2	2	
1A,B	179886	BOLT, 1/2"-13X1 5/8" (12.9001)					1							
1A,B	5188274	WASHER, 1/2" BEVELED (6.1020)	2		2							2	2	
1A,B	103341	WASHER, 3/8" (12.9190)												
1A,B	103321	LOCKWASHER, 3/8" (12.9200)	AR		AR	AR	AR		AR	AR	AR	AR	AR	AR
1.1030 - GASKET, CYLINDER BLOCK END PLATE-FRONT														
1A	5116354	GASKET, 2,3,4-53		1		1			1	1	1			1
1B	5133397	GASKET, 6V53	1		1		1			1		1		
	5147302	GASKET, 8V53 REAR			1								1	
	5132931	GASKET, 8V53 CENTER											1	
1.1040 - COVER, CYLINDER BLOCK HAND HOLE														
1A,1C	5116373	COVER, 3-53 (ITEM 5)							1					1
1A,1C	5116374	COVER, 4-53 (ITEM 4)				1					1			
1B,1C	8921313	COVER, 6V53 (ITEM 3)	4											
	5127875	% COVER, 4-53 (RB-RC-LB-LC ENG.)								1				
1C	5132458	COVER, 6, 8V53 (ALUM.) (ITEM 2)			6		4					4	6	
1B	5107440	CLAMP	4											
	105451	GASKET, 3/8" COPPER (12.9360)	4											
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)			12		8					8	12	
	180120	BOLT, 3/8"-16X3/4" (12.9001)				6			6	6	6			6
	181365	BOLT, 3/8"-24X1 1/8" (12.9001)	4											
	103341	WASHER, 3/8" (12.9190)	4											
	103320	LOCKWASHER, 5/16" (12.9200)			12		8					8	12	
	103321	LOCKWASHER, 3/8" (12.9200)				6			6	6	6			6
		% NOT SERVICED; USE 5199508 COVER AND 1-5121182 PLUG.												

1.1000 CYLINDER BLOCK

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	5 9	6 3	6 5	6 9	7 2	8 2	8 3	8 6	9 1	9 9	1 0 5	1 4 4
1.1050 - GASKET, CYLINDER BLOCK HAND HOLE COVER														
1C	5116380	GASKET, 3-53 (ITEM 5)							1					1
1A	5116381	GASKET, 4-53 (ITEM 4)				1				1	1			
1B,1C	5107441	GASKET, 6V53 (ITEM 3)	4											
1C	5106688	GASKET, 6, 8V53 (ITEM 2)			6		4					4	6	
1.1060 - COVER, CYLINDER BLOCK WATER HOLE														
1A,B	5123918	COVER, 1/8" TAPPED HOLE	1											
1A,B	5164190	* COVER, 1/4" TAPPED HOLE								1	1			
1A,B	5150023	COVER, PLAIN (3 10/32" L.)				1			1	1				1
1A,B	5132473	COVER, PLAIN (4.30" L.)										1	1	
1B	114981	DRAINCOCK, 1/8" (12.9510)	1											
1B	8924140	DRAINCOCK, 1/4" (12.9510)								1				
1A,B	186618	BOLT, 5/16"-18X5/8" (12.9001)				2	2		2	2	2		2	2
1A,B	179816	BOLT, 5/16"-18X3/4" (12.9001)	2						2				2	2
1A,B	186629	BOLT, 5/16"-18X1" (12.9001)										2	2	2
1A,B	103320	LOCKWASHER, 5/16" (12.9200)	2			2			2	2	2	2	2	2
* USE WITH AUTOMATIC SHUTDOWN.														
1.1065 - COVER, CYLINDER BLOCK OIL HOLE														
	5132470	COVER (PLAIN)												1
	179816	BOLT, 5/16"-18X3/4" (12.9001)												2
	103320	LOCKWASHER, 5/16" (12.9200)												2
1.1066 - GASKET, CYLINDER BLOCK OIL HOLE COVER														
	5132471	GASKET												1
1.1070 - GASKET, CYLINDER BLOCK WATER HOLE COVER														
1A,B	5116357	GASKET	1			1			1	1	1			1
1A,B	5132474	GASKET										1	1	

1.1000 CYLINDER BLOCK

PART, NUMBER		NAME AND DESCRIPTION	TYPES											
FIG			1 4 5	1 4 6	1 4 7	1 6 3	1 6 6	1 6 8	1 6 9	1 8 9	2 0 3	2 1 4	2 3 0	2 3 6
1.1001 - BLOCK, CYLINDER														
FOR COMPONENTS OF SERVICE CYLINDER BLOCK ASSEMBLIES REFER TO ASSEMBLY BREAK DOWN PAGES AS INDICATED BELOW.														
	5149389	BLOCK ASSY, 4-53 (PAGE B1)	1		1	1								
	5149428	BLOCK ASSY., 6V-53 (PAGE B1) (TURBO OR NON-TURBO)		1										
	5149781	BLOCK ASSY., 6V-53 (PAGE B1) (TURBO)							1		1			
	5149390	BLOCK ASSY., 3-53 (PAGE B1)					1			1		1		
	5196490	+ BLOCK ASSY., 3-53 (PAGE A1)						1						
	8926997	BLOCK ASSY., 6V-53 (TURBO) (PAGE A1)											1	
	8927003	BLOCK ASSY., 6V-53 (TURBO) (PAGE A1)												1
1A	8924380	PLUG, 1/8" PIPE W/SEAL (12.9550)	7		7	7	7	4		6		6	4	4
	8923847	PLUG, 1/4" PIPE (4.7001)	1		1	1				1		1		
	8923313	PLUG, 3/4" PIPE W/SEAL (12.9550)		2						2			1	1
	5121316	PLUG, .6275"X.40" CUP			2					2				
	5101601	PLUG, .7525"X.40" CUP	2		2	2	2			2				
	5150130	PLUG, 5/16" CUP		1					1		1		1	1
	5150131	PLUG, 7/16" CUP	2		2	2	2	2		2		2		
	5103045	PIN, 5/16"X3/8" DOWEL		3									5	5
	141346	PIN, 3/16"X1/2" DOWEL (12.9290)	4	4	4	4	4			4		4		
	5146900	PIN, 3/8"X1 1/8" DOWEL (12.9290)	4		4	4	4			4		4		
	8926979	DRAINCOCK, 1/8" (12.9510)	2		2	2	2	1		1		1		
	5135548	INSERT, .80" DIA.						4						
	5135663	INSERT, .455" DIA.						4						
	5135547	SLEEVE, .434" DIA.						4						
	5135662	SLEEVE, .299" DIA.						4						
		+ NOT SERVICED. USE 5149390.												
1.1002 - GASKET KIT, ENGINE OVERHAUL														
A GASKET KIT CONSISTS OF GASKETS NECESSARY FOR ONE ENGINE OVERHAUL. GASKET KITS DO NOT INCLUDE THE ADDITIONAL GASKETS REQUIRED FOR TURBOCHARGED ENGINES.														
	5199792	GASKET KIT, 4-53	AR		AR	AR								
	5199793	GASKET KIT, 6V53		AR										
	5199791	GASKET KIT, 3-53					AR			AR		AR		
	5199813	GASKET KIT, 3-53 (ALUM.)						AR						
	5199814	GASKET KIT, 6V53 (TURBO)							AR		AR			
	8928522	GASKET KIT, 6V53 (TURBO)											AR	AR
1.1020 - PLATE, CYLINDER BLOCK END-REAR														
A PLATE ASSY. INCLUDES PLUG NUTS.														
1A,7C	5121367	PLATE ASSY, 4-53 A AND B ENG.	1											
1B,7D	5126194	PLATE ASSY, 6V53		1					1		1		1	1
1A,7C	5121368	PLATE ASSY, 4-53 C AND D ENG.			1	1								
1A,7C	5121366	PLATE ASSY, 3-53					1			1				
1A,7C	5137469	* PLATE ASSY, 3-53 (ALUM.)						1						
1A,7C	5121365	PLATE ASSY, 3-53												
1A,1B	5121459	PLUG, 3/8"-24 NUT	9	2	9			8	2	8		1	2	2
1A,B	454813	BOLT, 1/4"-20X7/8" (12.9001)	13		13	13						8	2	2
1A,B	8927580	BOLT, 3/8"-16X1.015" (12.9001)					13	1		13		13		
1A,B	179839	BOLT, 3/8"-16X1" (12.9001)		12					10		10		10	10
1A,B	8927581	BOLT, 3/8"-16X1" (12.9001)						12						
1A,B	186725	BOLT, 1/2"-13X1 1/2" (12.9001)		2					2		2		2	2
1A,B	5188274	WASHER, 1/2" BEVELED (6.1020)		2					2		2		2	2

1.1000 CYLINDER BLOCK

			TYPES											
PART	FIG	NUMBER	NAME AND DESCRIPTION	1	4	1	1	1	1	1	2	2	2	
				4	1	4	1	6	6	6	0	1	3	
				5	4	7	6	3	8	9	3	4	0	
					6									
1.1020 - PLATE, CYLINDER BLOCK END-REAR (CONT'D)														
1A,B	103321		LOCKWASHER, 3/8" (12.9200) * NOT SERVICED. USE 5121365.	13	12	13	13	13		10	13	10	13	10
1.1030 - GASKET, CYLINDER BLOCK END PLATE-FRONT														
1A	5116354		GASKET, 2,3,4-53	1		1	1	1	1	1	1	1	1	1
1B	5133397		GASKET, 6V-53		1					1	1		1	1
1.1040 - COVER, CYLINDER BLOCK HAND HOLE														
1A,1C	5116374		COVER, 4-53 (ITEM 4)	1			1							
1C	5121027		COVER, 4-53 ALUM. (ITEM 1)			1								
1C	5116373		COVER, 3-53 (ITEM 5)					1				1		
	8923455		COVER, 3-53T (ITEM 5)							1				
1C	8921313		COVER, 6V-53T (ITEM 3)		4					4	4		3	4
	8921314		COVER, 6V-53T										1	
	5107028		STIFFENER, 6.54" L. (UPPER)							1				
	5107029		STIFFENER, 6.54" L. (LOWER)							1				
	5130590	@	CLAMP		4					4				
	5107440		CLAMP								4		4	4
	105451		GASKET, 3/8" COPPER (12.9360)		4					4	4		4	4
	8924380		PLUG, 1/8" PIPE W/SEAL (12.9550)			1							1	
	8923355		SCREW, 3/8"-16X7/8" (12.9027)							2				
	180120		BOLT, 3/8"-16X3/4" (12.9001)	6			6	6				6		
	179839		BOLT, 3/8"-16X1" (12.9001)			6				4	4		4	4
	181365		BOLT, 3/8"-24X1 1/8" (12.9001)		4					4	4		4	4
	103341		WASHER, 3/8" (12.9190)		4	6				4	4		4	4
	103321		LOCKWASHER, 3/8" (12.9200)	6		6	6	6		4		6		
			@ NOT SERVICED, USE 5130589 AND SD-245.											
1.1050 - GASKET, CYLINDER BLOCK HAND HOLE COVER														
1A,1C	5116381		GASKET, 4-53 (ITEM 4)	1		1	1			4		4	4	4
1B,1C	5107441		GASKET, 6V-53 (ITEM 3)		4						4			
1A,1C	5116380		GASKET, 3-53 (ITEM 5)					1						
1A	5106629		GASKET, 3-53T (ITEM 5)							1				
1.1060 - COVER, CYLINDER BLOCK WATER HOLE														
1A,B	5150023		COVER, PLAIN (3 10/32" L.)	1		1	1	1	1	1	1	1	1	1
1A,B	5123918		COVER, 1/8" TAPPED HOLE		1					1	1		1	2
1B	8926979		DRAINCOCK, 1/8" (12.9510)		1					1			1	2
1A,B	179816		BOLT, 5/16"-18 X3/4" (12.9001)	2	2	2	2	2	2	2	2	2	2	2
1A,B	103320		LOCKWASHER, 5/16" (12.9200)	2	2	2	2	2	2	2	2	2	2	2
1.1070 - GASKET, CYLINDER BLOCK WATER HOLE COVER														
1A,B	5116357		GASKET	1	1	1	1	1	1	1	1	1	1	1

PART			TYPES			
FIG	NUMBER	NAME AND DESCRIPTION	2 3 7	2 4 0	2 6 9	3 0 3
1.1060 - COVER, CYLINDER BLOCK WATER HOLE						
1A,B	5123918	COVER, 1/8" TAPPED HOLE	1	1	1	1
1B	114981	DRAINCOCK, 1/8" (12.9510)	1	1	1	1
1A,B	179816	BOLT, 5/16"-18X3/4" (12.9001)	2	2	2	2
1A,B	103320	LOCKWASHER, 5/16" (12.9200)	2	2	2	2
1.1070 - GASKET, CYLINDER BLOCK WATER HOLE COVER						
1A,B	5116357	GASKET	1	1	1	1

1.1000 CYLINDER BLOCK

PART		COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M
		1.1001 - BLOCK, CYLINDER													
	5196489	* BLOCK ASSY., 2-53	1												
	5196490	# * BLOCK ASSY., 3-53		1											
	5198692	* BLOCK ASSY., 3-53 (ALUM.)			1										
	5136343	# * BLOCK ASSY., 3-53 (MALLEABLE CAP)				1									
	5135252	# * BLOCK ASSY., 3-53 (TURBO)					1								
	5196491	# * BLOCK ASSY., 4-53						1							
	5134842	# * BLOCK ASSY., 4-53 (MALLEABLE CAP)							1						
	5196821	# @ BLOCK ASSY., 6V53								1					
	5197164	# @ BLOCK ASSY., 6V53									1				
	5198292	+ @ BLOCK ASSY., 6V53 (ALUM.)										1			
	8926997	@ BLOCK ASSY., 6V-53 (TURBO)											1		
	8927003	@ BLOCK ASSY., 6V-53 (TURBO)												1	
3A	5116142	CAP, MAIN BEARING 2,3,4-53 (UNFINISHED) (1.3110)	3	4		4	4	5	5						
3A	5133620	CAP, MAIN BEARING 3-53 (UNFINISHED) (1.3110)				4									
3A	5132479	CAP (INTERMEDIATE) 6V53 (UNFINISHED) (1.3110)								4	4		4	4	
3A	5137937	CAP, MAIN BEARING 6V53 (UNFINISHED) (1.3110)										4			
	5196965	+ SPACER, MAIN BEARING CAP BOLT (SHIPPING)				8				8	8		8	8	
	5136277	SPACER, MAIN BEARING SUPPORT (1.3112)										8			
7A	5198431	BEARING SET, CAMSHAFT 2-53 (1.7010)	1												
7A	5198209	BEARING SET, CAMSHAFT 3-53 (1.7010)		1	1	1	1								
7A	5198984	BEARING SET, CAMSHAFT 4-53 (1.7010)						1	1						
7B	5197944	BEARING SET, CAMSHAFT 6V53 (1.7010)								1	1	1	1	1	
	5119022	% COVER, AIR BOX	1												
	5128482	+ COVER, AIR BOX (1/4" TAPPED HOLE)	1												
	141212	PIN, 5/16"x5/16" DOWEL (12.9290)							3			2			
	5103045	PIN, 5/16"x3/8" DOWEL							2		2	2			
	141214	PIN, 5/16"x7/16" DOWEL (12.9290)										2			
	5146900	PIN, 3/8"x1 1/8" DOWEL (12.9290)										2			
	8928531	BUSHING, RED 3/4"-1/2"											1		
	8924380	PLUG, 1/8" PIPE W/SEAL (12.9550)							4			8			
	5150130	PLUG, 5/16" CUP							1		1	1			
	5115214	PLUG, 1/2" PIPE (12.9550)							4		1	1			
	5119218	PLUG, 7/8" CUP (5.1030)									1				
	5109157	PLUG, 1 1/4" CUP (5.5001)							2		2	8	2	2	
	5117186	PLUG, 2" CUP (1.2001)										2			
	5138184	PLUG, .984"/.980" CUP										2			
	5138183	PLUG, 1.580"/1.576" CUP										2			
3A	5116199	BOLT, MAIN BEARING CAP (1.3140)	6	8		8	8		10						
3A	5141701	BOLT, MAIN BEARING CAP (1.3140)			8					8	8		8	8	
3A	5135523	BOLT, 1/2"-12X7.94" (1.3140)										16			
3A	8921876	WASHER, 14.8 MM (12.9190)			8					8	8		8	8	
3A	5132715	WASHER, .53" (1.3140)										16			
		THE FOLLOWING ITEMS ARE SHIPPED LOOSE WITH THE CYLINDER BLOCK.													
	5146437	ELBOW, AIR BOX DRAIN TEE	1	1	1			1							
	8925004	TEE, 1/4" INV. FL. (7.4586)	1	1	1			1							
	141346	PIN, 3/16"x1/2" DOWEL (12.9290)	4	4	4			4		4	4	4	4	4	
	141212	PIN, 5/16"x5/16" DOWEL (12.9290)							4		3		3	3	
	5103045	PIN, 5/16"x3/8" DOWEL									2		2	2	
	5146900	PIN, 3/8"x1 1/8" DOWEL (12.9290)	4	4				4		4	4		4	4	
	8926979	DRAINCOCK, 1/8" (12.9510)		1				2		3	3	2	3	2	
	8924380	PLUG, 1/8" PIPE W/SEAL (12.9550)	4		4			7		4	4		4	4	
	5121182	PLUG, 1/4" PIPE (2.4015)	1	1	1			1		1					

DETROIT DIESEL

53 MPC ENGINES

1.1000 CYLINDER BLOCK

PART
 .FIG . . . NUMBER NAME AND DESCRIPTION

**1.1001 - BLOCK, CYLINDER
 (CONT'D)**

8923847 PLUG, 1/4" PIPE (4.7001)
5150130 PLUG, 5/16" CUP
5150131 PLUG, 7/16" CUP (OIL HOLES)
5115214 PLUG, 1/2" PIPE (12.9550)
5121316 PLUG, .6275"X.40" CUP
5142549 PLUG, 3/4"-14 PIPE (12.9550)
5101601 PLUG, .7525"X.40 CUP
5119218 PLUG, 7/8" CUP (5.1030)
186624 BOLT, 5/16"-18X1 1/4" (12.9001)
8927581 BOLT, 3/8"-16X1" AA LOCK (12.9001)
9414523 BOLT, 7/16"-14X1" AA LOCK (12.9001)
5133981 WASHER, 19/32"
5108435 WASHER, 3/8" (12.4010)
5125608 WASHER, 7/16" (1.3112)

% THRU 2D-4009 ON TYPE 28 AND 33.

+ OBSOLETE

* PLUGGING CHART 18SP86, INLINE 53.

NOT SERVICED, SHOWN FOR
 REFERENCE ONLY.

@ PLUGGING CHART 18SP87, V53.

COLUMN													
A	B	C	D	E	F	G	H	I	J	K	L	M	N
								2		2	1		
						1	1			1	1		
3	2	2			2			3		4	4		
2	2	1			2								
						1						2	
							1	1		1	1		
		2											
		2											
		6											
		8											
		2											
		6											

1.1000 CYLINDER BLOCK

PART
FIG . . . NUMBER NAME AND DESCRIPTION

COLUMN

		A	B	C	D	E	F	G	H	I	J	K	L	M	N
	1.1001 - BLOCK, CYLINDER														
	5136802 + * BLOCK ASSY., 6V53 ALUMINUM	1													
	5198148 * BLOCK ASSY., 8V53		1												
	5149296 * BLOCK ASSY., 8V53			1											
	5149389 * BLOCK ASSY., 4-53				1										
	5149390 * BLOCK ASSY., 3-53					1									
	5149428 * BLOCK ASSY., 6V53						1								
	5106542 + * BLOCK ASSY., 6V53							1							
	5149781 * BLOCK ASSY., 6V53								1						
3A	5137937 CAP, MAIN BEARING 6V53														
	(UNFINISHED) (1.3110)	4													
3A	5132479 CAP, MAIN BEARING 6V, 8V53														
	INTERMEDIATE (UNFINISHED)														
	(1.3110)		5					4	4	4					
3A	5135258 CAP, MAIN BEARING 8V53 (MALLEABLE														
	IRON) (1.3110)			5											
3A	5116142 CAP, MAIN BEARING, INLINE 53 (1.3110)														
	(UNFINISHED)				5	4									
7B	5197944 BEARING SET, CAMSHAFT 6V53														
	(1.7010)	1						1	1	1					
7B	5197930 BEARING SET, CAMSHAFT 8V53														
	(1.7010)		1	1											
7B	5198984 BEARING SET, CAMSHAFT 4-53														
	(1.7010)					1									
7A	5198209 BEARING SET, CAMSHAFT 3-53														
	(1.7010)						1								
	452672 INSERT, 5/16"-18X5/8" HELICOIL														
	(12.9118)	28													
	452696 INSERT, 3/8"-16X3/4" HELICOIL														
	(12.9118)	1													
	5179611 + INSERT, HELICOIL (12.9118)	27													
	141346 PIN, 3/16"X1/2" DOWEL (12.9290)		4												
	5103045 PIN, 5/16"X3/8" DOWEL (PLATED)		6												
	8924380 PLUG, 1/8" PIPE W/SEAL (12.9550)		4		7	6									
	5150130 PLUG, 5/16" CUP		2												
	5150131 PLUG, 7/16" CUP				2	2									
	5109157 PLUG, 1 1/4" CUP (5.5001)	8	10	6			2	2	2						
	9427118 PLUG, 1 3/4" CUP (12.9320)			2											
	5117186 PLUG, 2" CUP (1.2001)	2	3	5											
	139191 SCREW, 5/8"-11X1/2" SKT. HD. SET														
	(12.9076)		2												
3A	5135523 BOLT, 1/2"-12 X 7.94" (1.3140)	8													
3A	5141701 BOLT, MAIN BEARING CAP (1.3140)		10	10			8	8	8						
3A	5116199 BOLT, MAIN BRG. CAP (1.3140)				10	8									
3A	5132715 WASHER, .53" (1.3140)	8													
3A	5133981 WASHER, 19/32"		10	10											
3A	8921876 WASHER, 14.8 MM (12.9190)						8	8	8						
	THE FOLLOWING ITEMS ARE SHIPPED														
	LOOSE WITH THE CYLINDER BLOCK.														
	5146437 ELBOW, AIR BOX DRAIN				1	1									
	8925004 TEE, AIR BOX DRAIN (7.4586)				1	1									
	5103045 PIN, 5/16"X3/8" DOWEL (PLATED)		2				2	2	2						
	141212 PIN, 5/16"X5/16" DOWEL (12.9290)						3	3	3						
	5146900 PIN, 3/8"X1 1/8" DOWEL (12.9290)		2		4	4	4	4	4						
	141346 PIN, 3/16" X1/2" DOWEL (12.9290)				4	4	4	4	4						
	8924380 PLUG, 1/8" PIPE W/SEAL (12.9550)		2				4	4	4						
	8923847 PLUG, 1/4" PIPE (4.7001)		1		1	1	1	1	1						
	5150130 PLUG, 5/16" CUP						1	1	1						
	5119218 PLUG, 7/8" CUP (5.1030)						1	1	1						
	5115214 PLUG, 1/2" PIPE (12.9550)						4	4	4						
	5138184 PLUG, .984"/.980" CUP		2												
	5101601 PLUG, .7525"X.40" CUP (4.53T)				2	2		2	2						
	5138183 PLUG, 1.578" CUP		2												
	114981 DRAINCOCK, 1/8" (12.9510)		2		2	1	2	2	2						

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

[illegible]

* SEE BLOCK PLUGGING CHART 18SP86
FOR INLINE 53, & 18SP87 FOR V53
ENGINES.
+ NOT SERVICED, SHOWN FOR
REFERENCE ONLY.

[illegible]

1.1000A AIR BOX DRAINS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 2	4 4	4 8	4 9	5 3	6 2	6 3	6 6	6 8	7 0	7 1	7 7
		1.1100 - TUBE, AIR BOX DRAIN												
DB	5126681	% TUBE, DEV. L. 2 7/16"		1										
DB	5132918	TUBE, DEV. L. 3.62"								1	2	2		
DB	5127651	@ TUBE, DEV. L. 4.20"			2									
DB	5134195	TUBE, DEV. L. 7.08"											2	
DB	5132287	& TUBE, DEV. L. 9.74"						2						
DB	5134753	# TUBE, DEV. L. 10.18"						2						
DB	5132917	TUBE, DEV. L. 11.76"								2		1		
DB	5132286	TUBE, DEV. L. 12.00"				1	1		1					
DB	5134832	TUBE, DEV. L. 12.06"										1		
DB	5154970	TUBE, DEV. L. 14 3/8"	1											
	5129458	HOSE, 1/4" I.D. X 24" L.					1							
	5134905	HOSE, 1/4" I.D. X 1/2" L.											1	
	5134906	HOSE, 1/4" I.D. X 20 1/4" L.											1	
	9139801	CLAMP, 11/16" DIA. HOSE (12.9660)					1							
	5146838	CLAMP, 1/2" HOSE (12.9660)											2	
	8925726	ELBOW, 1/8"-45 DEG. STREET (12.9590)												1
	224425	ELBOW, 3/16" INV. FL. TUBE 90 DEG. (12.9480)	1	1										
	8925719	ELBOW, 3/16" INV. FL. TUBE 45 DEG. (12.9480)			2									
	8925128	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)				1								
	8925032	# ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)					2	2	1	3	2	2	2	
	8925023	& ELBOW, 1/4" INV. FL. TUBE 45 DEG. (12.9480)						2						2
	2140049	VENT ASSY.												
	8926232	ADAPTOR, 1/8" P.T. BR. (12.9570)									1	1		
	442346	TEE, 3/8" INV. FL. TUBE, 1/8" P.T. (12.9490)								1	2	1		
	178685	TEE, 1/4" INV. FL. TUBE, 1/8" P.T. (R. ANGLE) (12.9490)										1		
	8924517	PLUG, 3/8"-18 SQ. SOC. PIPE (12.9550)						1						
	137396	NUT, 3/16" INV. FL. TUBE (12.9460)	1											
	137397	NUT, 1/4" INV. FL. TUBE (12.9500)				1	1		1					
		@ NOT SERVICED, CONVERT TO TYPE 62. & THRU 6D-6339.												
		# EFFECTIVE WITH 6D-6340 IN TYPE 62.												
		% OBSOLETE.												
		1.1145 - CLIP, AIR BOX DRAIN TUBE												
DB	140580	CLIP, 3/8" DIA. (12.9630)											4	
DB	5176668	CLIP, 13/32"-3 HOLES (1.1100)	1		2						2	2		
		1.1150 - TANK ASSY., AIR BOX AND FUEL PUMP DRAIN												
	5134825	TANK											1	
		1.1155 - HOSE, ROCKER COVER DRAIN												
	5134824	HOSE, 36" L.											1	
	272853	CLAMP, HOSE (12.9660)											1	
	5181415	CLIP, 1 1/8" DIA. (5.5390)											2	

DETROIT DIESEL

53 MPC ENGINES

1.1000A AIR BOX DRAINS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	3 2	4 4	4 8	4 9	5 3	6 2	6 3	6 6	6 8	7 0	7 1	7 7
		1.1180 - ELEMENT, DRAIN TANK												
	5135721	ELEMENT											1	
		1.1240 - BRACKET, DRAIN TANK MOUNTING												
	5134826	BRACKET											1	

1.1000A AIR BOX DRAINS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	7 8	7 9	8 0	8 1	8 2	8 3	8 4	8 5	8 6	9 6	9 8	1 1 4
1.1100 - TUBE, AIR BOX DRAIN														
JB	5132918	TUBE, DEV. L. 3.62"		2			1	1	2	1	1	2		
JB	5134195	TUBE, DEV. L. 7.08"												2
	5137968	TUBE, DEV. L. 9.90"								1				
JB	5137692	TUBE, DEV. L. 10.18"			1									
JB	5137728	TUBE, DEV. L. 10.18"			1									
JB	5132917	TUBE, DEV. L. 11.76"		1			2	1	2	1	1	2		
JB	5136320	TUBE, DEV. L. 11.84" (WITH CLIP)	1											
JB	5132286	TUBE, DEV. L. 12.00"											1	
JB	5134832	TUBE, DEV. L. 12.06"								1				
JB	5136173	TUBE, DEV. L. 12.74"		1				1			1			
JB	5137969	% TUBE, DEV. L. 14.76"					1	1	1	1	1	1		
	442328	CONNECTOR, 1/4" FL. TUBE (12.9460)	1		2					1				
	8924170	CONNECTOR, 1/4" FL. TUBE (12.9460)							1	1				
	8925726	ELBOW, 1/8"-45 DEG. STREET (12.9590)				1								
	5146437	ELBOW, 1/8" PIPE (1.1001)											1	
	5197259	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (2.8180)	2	2	2	1	3	3	2	3		3		2
	8925024	& ELBOW, 1/4" INV. FL. TUBE 45 DEG. (12.9390)		2										
	2140049	VENT ASSY.	1	1	1									
	8926232	ADAPTOR, 1/8" PIPE (12.9570)		1			1	1	1	1	1	1		
	8925004	TEE, 1/8" INV. FL. TUBE (7.4586)											1	
	442346	TEE, 3/8" INV. FL. TUBE, 1/8" P.T. (12.9490)		2			1	3	2		1	2		
	8924380	PLUG, 1/8" PIPE W/SEAL (12.9550)	1				2	2		2	2	1		
	137397	NUT, 1/4" INV. FL. TUBE (12.9500) & THRU 6D-6339. % OBSOLETE.											1	
1.1145 - CLIP, AIR BOX DRAIN TUBE														
JB	5163442	CLIP, 1/4" DIA., 3/4" W. (2.9428)		1				1			1			
JB	3290442	CLIP, 1/4" DIA., 5/8" W. (7.4085)							1					
JB	5176668	CLIP, 13/32"-3 HOLES (1.1100)	1			3	2	3	3	2		1		
1.1150 - TANK ASSY., AIR BOX AND FUEL PUMP DRAIN														
	5134825	TANK												1
1.1155 - HOSE, ROCKER COVER DRAIN														
	5145678	HOSE, 54" L. (1.1000)												1
	272853	CLAMP, HOSE												1
	5181415	CLIP (5.5390)												2
1.1180 - ELEMENT, DRAIN TANK														
	5135721	ELEMENT												1

1.1000A AIR BOX DRAINS

PART		TYPES									
..FIG	NUMBER	NAME AND DESCRIPTION	1 8	1 2 9	1 5 6	1 7 9	1 9 0				
		1.1100 - TUBE, AIR BOX DRAIN									
5137692		TUBE, DEV. L. 10.18"	1		1						
5137728		TUBE, DEV. L. 10.18"	1		1						
5103742		TUBE, 5/16"X18" L.		2							
8926595		TUBE, DEV. L. 4.81"				1					
8926291		TUBE, DEV. L. 7.86"				1					
8926290		TUBE, DEV. L. 9.68"				1					
5134195		TUBE, DEV. L. 7.08"					2				
8926596		TUBE, DEV. L. 12.36"				1					
8996207		VALVE, AIR BOX CHECK				2					
2140049		VENT ASSY.	2		2						
5100136		ADAPTOR, 1/8" PIPE (12.9570)		1							
5104370		ADAPTOR, AIR BOX DRAIN				2					
442328		CONNECTOR, 1/4" FL. TUBE (12.9460)	2		2						
9432266		CONNECTOR, 3/8" TUBE (12.9460)				1					
8925048		CONNECTOR, 3/8" TUBE (12.9460)				1					
8925726		ELBOW, 45 DEG. 1/8" (12.9590)				1					
8925032		ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)	2			1	2				
8925128		ELBOW, 90 DEG. 1/4" (12.9480)				1					
8924215		ELBOW, 90 DEG.- 5/16" INV. FL. TUBE (12.9480)		4							
8924153		ELBOW, 90 DEG. INV. FL. TUBE (12.9480)		2							
5196119		SPACER, 13/32" I.D.X7/8" O.D. (3.4001)				1					
179816		BOLT, 5/16"-18X3/4" (12.9001)		1		1					
186629		BOLT, 5/16"-18X1" (12.9001)				1					
103320		LOCKWASHER, 5/16" (12.9200)		1		2					
5151921		WASHER, 9/16"X13/16" COPPER (3.3270)				4					
		1.1145 - CLIP, AIR BOX DRAIN TUBE									
140579		CLIP, 5/16" DIA. (12.9630)		1							
5176668		CLIP, 13/32"-3 HOLES	2		2						
5124802		CLIP, 1/4" TUBE (3.3270)				1					
5151883		CLIP, 3/8" TUBE (2.5070)				1					

1.1000A AIR BOX DRAINS

PART		TYPES			
FIG	NUMBER	NAME AND DESCRIPTION			
		1 1 8	1 2 9	1 5 6	1 7 9
1.1100 - TUBE, AIR BOX DRAIN					
5137692	TUBE, DEV. L. 10.18"	1		1	
5137728	TUBE, DEV. L. 10.18"	1		1	
5103742	TUBE, 5/16"X18" L		2		
8926595	TUBE, DEV. L. 4.81"				1
8926291	TUBE, DEV. L. 7.86"				1
8926290	TUBE, DEV. L. 9.68"				1
8926596	TUBE, DEV. L. 12.36"				1
8996207	VALVE, AIR BOX CHECK				2
2140049	VENT ASSY.	2		2	
5100136	ADAPTOR, 1/8" PIPE (12.9570)		1		
5104370	ADAPTOR, AIR BOX DRAIN				2
442328	CONNECTOR, 1/4" FL. TUBE (12.9460)	2		2	
9432266	CONNECTOR, 3/8" TUBE (12.9460)				1
8925048	CONNECTOR, 3/8" TUBE (12.9460)				1
444052	ELBOW, 45 DEG. 1/8" (12.9590)				1
8925032	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)	2			1
8925128	ELBOW, 90 DEG. 1/4" (12.9480)				1
8924215	ELBOW, 90 DEG.- 5/16" INV. FL. TUBE (12.9480)		4		
8924153	ELBOW, 90 DEG. INV. FL. TUBE (12.9480)		2		
5196119	SPACER, 13/32" I.D.X7/8" O.D. (3.4001)				1
179816	BOLT, 5/16"-18X3/4" (12.9001)		1		1
186629	BOLT, 5/16"-18X1" (12.9001)				1
103320	LOCKWASHER, 5/16" (12.9200)		1		2
5151921	WASHER, 9/16"X13/16" COPPER (3.3270)				4
1.1145 - CLIP, AIR BOX DRAIN TUBE					
140579	CLIP, 5/16" DIA. (12.9630)		1		
5176668	CLIP, 13/32"-3 HOLES	2		2	
5124802	CLIP, 1/4" TUBE (3.3270)				1
5151883	CLIP, 3/8" TUBE (2.5070)				1

1.2000 CYLINDER HEAD

PART			TYPES											
..FIG	NUMBER	NAME AND DESCRIPTION	2 1	2 2	2 3	2 4	2 5	2 6	3 0	5 7	6 1	6 2	6 8	7 5
1.2001 - HEAD ASSY., CYLINDER														
FOR COMPONENTS OF SERVICE CYLINDER HEAD ASSEMBLIES REFER TO ASSEMBLY BREAKDOWN PAGE A1.														
2A	5196033	HEAD ASSY. (2 VALVE) 2-53	1						1					
2A	5197949	+ HEAD ASSY. (2 VALVE) 3-53		1										
2A	5198203	HEAD ASSY. (4 VALVE) 3,6V53			1			2				1	2	
2A	5198204	+ HEAD ASSY. (2 VALVE) 4-53				1								
2A	5198202	HEAD ASSY. (4 VALVE) 4,8V53					1			1	2			
	5198438	HEAD ASSY. (4 VALVE) 3, 6V53												1
	5135548	GASKET (1.1001)											8	
	5135663	GASKET (1.1001)											8	
	5135547	SLEEVE (1.1001)											8	
	5135662	SLEEVE (1.1001)											8	
	5144425	ADAPTOR, FUSE PLUG	1	1	1	1			1				2	1
	5198655	PLUG, FUSE PLUG	1	1	1	1			1	1	1		1	1
2A	8924380	PLUG, 1/8" PIPE (12.9550)	1	2	2	2		4	1	2	4	2	4	2
2A	8923847	PLUG, 1/4" HEX. SKT. PIPE (2.4015)	7	7	6	2	6	12		7	10	6	9	1
2A	5125237	PLUG, 1/4" PIPE	2	2		4					2			5
2A	5154453	PLUG, 3/8"-16 SL. HDLS.	3	3	3	3	3	8	3	3	8	4	8	4
2A	5151449	PLUG, 13/16" CUP (1.1001)	3	3	3	3	3	6	3	3	6	3		3
	5139997	PLUG, 7/8" DIA. CUP (STAINLESS) + OBSOLETE.			3									
1.2002 - GASKET KIT, CYLINDER HEAD OVERHAUL														
CONSISTS OF ALL GASKETS NECESSARY TO REPLACE ONE CYLINDER HEAD.														
	5199809	GASKET KIT, 2-53	AR						AR					
	5199811	GASKET KIT, 3,6V53		AR	AR			AR						AR
	5199812	GASKET KIT, 4-53				AR	AR			AR				
	5199815	GASKET KIT, 8V53									AR			
	5199820	GASKET KIT, 3-53										AR		
	5199817	GASKET KIT, 6V53											AR	
1.2005 - NOZZLE, CYLINDER HEAD WATER														
	5119293	NOZZLE			4					6	12	4	8	4
1.2010 - GASKET, CYLINDER HEAD COMPRESSION														
1B,C	5121254	GASKET	2	3	3	4	4	6	2	4	8	3	6	3
1.2022 - GASKET, CYLINDER HEAD WATER AND OIL														
1A	5116291	RING, SEAL	1						1					
1A	5116290	RING, SEAL (END WATER HOLE)	4	4	4	4	4	8	4	4	8	4		4
1A,C	5121207	RING, SEAL (CENTER WATER HOLE)	2	4	4	6	6	8	2	6	12	4	4	4
1B,C	5116122	RING, SEAL (OIL HOLE)	1	2	2	2	2	4	1	2	4	2	4	3
1A,C	5116292	RING, SEAL		1	1			2				1	2	1
1A	5116293	RING, SEAL				1	1			1	2			

1.2000 CYLINDER HEAD

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2 1	2 2	2 3	2 4	2 5	2 6	3 0	5 7	6 1	6 2	6 8	7 5
1.2030 - STUD, CYLINDER HEAD														
A	5121263	BOLT, 5/8"-11X6 1/4" (12 PT. HD.)	6	8	8	10	10	16	6	10	20			8
	5130926	BOLT, 5/8"-11X6 1/2" (12 PT. HD.)										8	9	
	5135954	BOLT, 5/8"-11X7.38" (12 PT. HD.)											7	
1.2040 - NUT, CYLINDER HEAD STUD														
	5150013	NUT, 5/8"-18										4		
1.2043 - COVER, CYLINDER HEAD WATER HOLE														
A	5136610	COVER (PLAIN) (USE 3/8"-16X1" BOLT)	1	1	1		1	2			2		2	1
OC	5123168	COVER, 1/8" PIPE TAP, CENTERED	1	1	1	1	1	2				1		
OC	5127837	COVER, 1/8" PIPE TAP, OFF CENTER	1	1	1	1	1	2			2			
OC	5139226	COVER, 1/8" X 3/8" PIPE TAP (1.1060)				1								
	5129019	COVER, 1/4" PIPE TAP	1	1	1	1	1	2						
	5141136	COVER, 1/4" X 3/8" PIPE TAP						2						
OC	5123352	COVER, 3/8" PIPE TAP	1	1	1	1	1	2	1					
OC	5109707	COVER, 1/4" AND 1/2" PIPE TAPS	1	1	1	1	1	2		1				
OC	5135525	COVER, 1/2" PIPE TAP, BOSS			1									
	5109916	COVER, 1/2" PIPE TAP (.38" THICK)						2						
OC	8924380	PLUG, 1/8" PIPE SQ. HD. (12.9550)	1	1	1	1	1	2			2	1		
OC	8923847	PLUG, 1/4" PIPE (2.4015)	1	1	2	1	1	2		1				
OC	8924517	PLUG, 3/8" PIPE SQ. HD. (12.9550)	1	1	1	1	1	2						
OC	5115214	PLUG, 1/2" PIPE SQ. HD. (12.9550)	1	1	1	1	1	2						
	5146648	PLUG, 1/2" PIPE SOC. HD. (1.3162)					1							
A	8927580	BOLT, 3/8"-16X7/8" (12.9001)	2	2		2	2			2	4			
	179839	BOLT, 3/8"-16X1" (12.9001)		2	2	2	2	4	2		4	2	4	2
A	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2	2	4	2	2	4	2	4	2
1.2044 - GASKET, CYLINDER HEAD WATER HOLE COVER														
A	5116242	GASKET	1	1	1	1	1	2	1	1	2	1	2	1
1.2045 - TUBE, INJECTOR HOLE														
A	8925981	KIT, INJECTOR HOLE TUBE (INCLUDES SEAL RING 5104701) TUBE IS STAMPED "606" FOR IDENTIFICATION	2	3	3	4	4	6	2	4	8		6	
1.2046 - RING, INJECTOR HOLE TUBE SEAL														
A	5104701	RING (PART OF KIT IN 1.2045) (2.1300)	2	3	3	4	4	6	2	4	8		6	3

1.2000 CYLINDER HEAD

PART			TYPES													
..FIG ..	NUMBER ..	NAME AND DESCRIPTION ..	8 4	8 6	9 2	9 3	1 2 2	1 2 3	1 3 1	1 3 2	1 4 7	1 4 8	1 5 0	1 5 1		
1.2001 - HEAD ASSY., CYLINDER																
FOR COMPONENTS OF SERVICE CYLINDER HEAD ASSEMBLIES REFER TO ASSEMBLY BREAKDOWN PAGE A1.																
2A	5198203	HEAD ASSY. (4 VALVE) 3,6V53	2										1			
	5133047	* HEAD ASSY. (4 VALVE) 4, 8V53		1												
2A	5134202	+ HEAD ASSY. (2 VALVE) 3-53			1		1									
2A	5134203	+ HEAD ASSY. (2 VALVE) 4-53				1		1								
	5102500	% HEAD ASSY. (4-VALVE) 3, 6V53												2		
	5149426	HEAD ASSY. (4 VALVE TURBO) 4-53							1			1				
	5149425	HEAD ASSY. (4 VALVE TURBO) 3-53; 6V-53								2	1					
	5135663	GASKET (1.1001)	8													
	5135548	GASKET (1.1001)	8													
	5135547	SLEEVE (1.1001)	8													
	5135662	SLEEVE (1.1001)	8													
	5144425	ADAPTOR, FUSE PLUG	2	1			1	1								
	5198655	PLUG, FUSE PLUG	1	1	1	1	1	1								
2A	8924380	PLUG, 1/8" PIPE (12.9550)	4	2	2	2	2	2	2	4	2	2	2	4		
2A	5125237	PLUG, 1/4" PIPE	17	5	5	5	4	4				4	4			
	8923847	PLUG, 1/4" PIPE (2.4015)	4	2	1	2	2	2	6	11	6	2	2	12		
2A	5154453	PLUG, 3/8"-16 SL. HDLS.	8	3	3	3	3	3	3	8	4	3	3	8		
2A	5151449	PLUG, 13/16" CUP (1.1001)	6	3	3	3	5	2	3	6	3	3	3	6		
	5139997	PLUG, 7/8" DIA. CUP (STAINLESS)					3	5								
	452664	INSERT, 5/16"-18X5/16" STAINLESS (12.9118)	4													
		+ OBSOLETE.														
		% NOT SERVICED; FOR SERVICE USE 5149425.														
		* NOT SERVICED. USE 5198202 (16) 8921502 INSERTS AND (4) 5131615 TUBES.														
1.2002 - GASKET KIT, CYLINDER HEAD OVERHAUL																
CONSISTS OF ALL GASKETS NECESSARY TO REPLACE ONE CYLINDER HEAD.																
	5199811	GASKET KIT, 3,6V53	AR		AR		AR		AR	AR	AR		AR	AR		
	5199812	GASKET KIT, 4-53		AR		AR		AR	AR			AR				
1.2005 - NOZZLE, CYLINDER HEAD WATER																
	5119293	NOZZLE	8	6												
1.2010 - GASKET, CYLINDER HEAD COMPRESSION																
1B,C	5121254	GASKET	6	4	3	4	3	4	4	6	3	4	3	6		
1.2022 - GASKET, CYLINDER HEAD WATER AND OIL																
1A	5116290	RING, SEAL (END WATER HOLE)		4	4	4	4	4	4	8	4	4	4	8		
1A,C	5121207	RING, SEAL (CENTER WATER HOLE)		6	4	6	4	6	6	8	4	6	4	8		
1B,C	5116122	RING, SEAL (OIL HOLE)	4	2	2	2	2	2	2	4	2	2	2	4		
1A,C	5116292	RING, SEAL			1		1			2	1		1	2		
1A	5116293	RING, SEAL	2	1		1		1	1			1				

1.2000 CYLINDER HEAD

			TYPES											
PART			8	9	1	1	1	1	1	1	1	1	1	
FIG . . . NUMBER NAME AND DESCRIPTION			4	2	2	3	3	4	4	5	5	5	5	
			8	8	9	2	2	3	3	7	8	0	1	
			6	6	3	2	3	2	2	8	8	1	1	
1.2030 - STUD, CYLINDER HEAD														
2A	5121263	BOLT, 5/8"-11X6 1/4" (12 PT. HD.)		10	8	10	8	10	10	16	8	10	8	16
	5130926	BOLT, 5/8"-11X6 1/2" (12 PT. HD.)	9											
	5135954	BOLT, 5/8"-11X7.38" (12 PT. HD.)	7											
	5137275	WASHER, .68" I.D.X1.00" O.D. X .12"	16											
1.2043 - COVER, CYLINDER HEAD WATER HOLE														
2A	5136610	COVER (PLAIN) (USE 3/8"-16X1" BOLT)		1	1	1	1	1	1	2				
10C	5139226	COVER, 1/8"X3/8" PIPE TAP (1.1060)											1	
10C	5123352	COVER, 3/8" PIPE TAP	2								1	1		
10C	5109916	COVER, 1/2" PIPE TAP												
10C	5127837	COVER, 1/8" PIPE TAP, OFF CENTER												2
10C	8924380	PLUG, 1/8" PIPE SQ. HD. (12.9550)											1	
10C	8924517	PLUG, 3/8" PIPE SQ. HD. (12.9550)	2								1	1	1	
	179839	BOLT, 3/8"-16X1" (12.9001)	4	2	2	2	2	2	2	4	2	2	2	4
2A	103321	LOCKWASHER, 3/8" (12.9200)	4	2	2	2	2	2	2	4	2	2	2	4
1.2044 - GASKET, CYLINDER HEAD WATER HOLE COVER														
1A	5116242	GASKET	2	1	1	1	1	1	1	2	1	1	1	2
1.2045 - TUBE, INJECTOR HOLE														
1A	8925981	KIT, INJECTOR HOLE TUBE (INCLUDES SEAL RING 5104701) TUBE IS STAMPED "606" FOR IDENTIFICATION	6	4	3	4	3	4	4	6	3	4	3	6
1.2046 - RING, INJECTOR HOLE TUBE SEAL														
A	5104701	RING (PART OF KIT IN 1.2045) (2.1300)	6	4	3	4	3	4	4	6	3	4	3	6

1.2000 CYLINDER HEAD

PART			TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	1	5	2	1	1					
			2	8	5							
1.2001 - HEAD ASSY., CYLINDER												
FOR COMPONENTS OF SERVICE CYLINDER HEAD ASSEMBLIES REFER TO ASSEMBLY BREAKDOWN PAGE A1.												
2A	5198203	HEAD ASSY. (4 VALVE) 3,6V53	2									
	5102500	% HEAD ASSY. (4-VALVE) 3, 6V53			2	1						
2A	8924380	PLUG, 1/8" PIPE (12.9550)	4		4	2						
	8923847	PLUG, 1/4" PIPE (2.4015)	12		12	6						
2A	5154453	PLUG, 3/8"-16 SL. HDLS.	8		8	4						
2A	5151449	PLUG, 13/16" CUP (1.1001)	6		6	3						
% NOT SERVICED; FOR SERVICE USE 5149425.												
1.2002 - GASKET KIT, CYLINDER HEAD OVERHAUL												
CONSISTS OF ALL GASKETS NECESSARY TO REPLACE ONE CYLINDER HEAD.												
	5199811	GASKET KIT, 3,6V53	AR		AR	AR						
1.2010 - GASKET, CYLINDER HEAD COMPRESSION												
1B,C	5121254	GASKET	6		6	3						
1.2022 - GASKET, CYLINDER HEAD WATER AND OIL												
1A	5116290	RING, SEAL (END WATER HOLE)	8		8	4						
1A,C	5121207	RING, SEAL (CENTER WATER HOLE)	8		8	4						
1B,C	5116122	RING, SEAL (OIL HOLE)	4		4	2						
1A,C	5116292	RING, SEAL	2		2	1						
1.2030 - STUD, CYLINDER HEAD												
2A	5121263	BOLT, 5/8"-11X6 1/4" (12 PT. HD.)	16		16	8						
1.2043 - COVER, CYLINDER HEAD WATER HOLE												
2A	5136610	COVER (PLAIN) (USE 3/8"-16X1" BOLT)			1	1						
10C	5123352	COVER, 3/8" PIPE TAP	1									
10C	5109916	COVER, 1/2" PIPE TAP	1		1							
10C	8924380	PLUG, 1/8" PIPE SQ. HD. (12.9550)	1		1							
10C	8924517	PLUG, 3/8" PIPE SQ. HD. (12.9550)	1									
10C	5115214	PLUG, 1/2" PIPE SQ. HD. (12.9550)	1		1							
	8927581	BOLT, 3/8"-16X1" (12.9001)	4		4	2						
2A	103321	LOCKWASHER, 3/8" (12.9200)	4		4	2						
1.2044 - GASKET, CYLINDER HEAD WATER HOLE COVER												
2A	5116242	GASKET	2		2	1						

1.2000 CYLINDER HEAD

PART		NAME AND DESCRIPTION	TYPES										
FIG	NUMBER		1	2	3	4	5	6	7	8	9	10	11
			5	1	2								
			2	6	5								
				8									
		1.2045 - TUBE, INJECTOR HOLE											
1A	8925981	KIT, INJECTOR HOLE TUBE (INCLUDES SEAL RING 5104701) TUBE IS STAMPED "606" FOR IDENTIFICATION	6	6	3								
		1.2046 - RING, INJECTOR HOLE TUBE SEAL											
1A	5104701	RING (PART OF KIT IN 1.2045) (2.1300)	6	6	3								

1.2000 CYLINDER HEAD

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES													
			8 4	8 6	9 2	9 3	1 2 2	1 2 3	1 3 1	1 3 2	1 4 7	1 4 8	1 5 0	1 5 1	1 5 2	2 1 5
1.2001 - HEAD ASSY., CYLINDER																
FOR COMPONENTS OF SERVICE CYLINDER HEAD ASSEMBLIES REFER TO ASSEMBLY BREAKDOWN PAGE A1.																
2A	5198203	HEAD ASSY. (4 VALVE) 3,6V53	2										1		2	
	5133047	* HEAD ASSY. (4 VALVE) 4, 8V53		1												
2A	5134202	+ HEAD ASSY. (2 VALVE) 3-53			1		1									
2A	5134203	+ HEAD ASSY. (2 VALVE) 4-53				1		1								
	5102500	% HEAD ASSY. (4-VALVE) 3, 6V53												2		1
	5149426	HEAD ASSY. (4 VALVE TURBO) 4-53							1			1				
	5149425	HEAD ASSY. (4 VALVE TURBO) 3-53; 6V-53								2	1					
	5135663	GASKET (1.1001)	8													
	5135548	GASKET (1.1001)	8													
	5135547	SLEEVE (1.1001)	8													
	5135662	SLEEVE (1.1001)	8													
	5144425	ADAPTOR, FUSE PLUG	2	1			1	1								
	5198655	PLUG, FUSE PLUG	1	1	1	1	1	1								
2A	8924380	PLUG, 1/8" PIPE (12.9550)	4	2	2	2	2	2	2	4	2	2	2	4	4	2
2A	5125237	PLUG, 1/4" PIPE (1.2001)	17	5	5	5	4	4				4	4			
	8923847	PLUG, 1/4" (2.4015)	4	2	1	2	2	2	6	11	6	2	2	12	12	6
2A	5154453	PLUG, 3/8"-16 SL. HDLS.	8	3	3	3	3	3	3	8	4	3	3	8	8	4
2A	5151449	PLUG, 13/16" CUP (1.1001)	6	3	3	3	5	2	3	6	3	3	3	6	6	3
	5139997	PLUG, 7/8" DIA. CUP (STAINLESS)					3	5								
	452664	INSERT, 5/16"-18X5/16" STAINLESS (12.9118)	4													
		+ OBSOLETE.														
		% NOT SERVICED; FOR SERVICE USE 5149425.														
		* NOT SERVICED. USE 5198202 (16) 5131614 INSERTS AND (4) 5131615 TUBES.														
1.2002 - GASKET KIT, CYLINDER HEAD OVERHAUL																
CONSISTS OF ALL GASKETS NECESSARY TO REPLACE ONE CYLINDER HEAD.																
	5199811	GASKET KIT, 3,6V53	AR		AR		AR		AR		AR	AR		AR	AR	AR
	5199812	GASKET KIT, 4-53		AR		AR		AR	AR			AR				
1.2005 - NOZZLE, CYLINDER HEAD WATER																
	5119293	NOZZLE	8	6												
1.2010 - GASKET, CYLINDER HEAD COMPRESSION																
1B,C	5121254	GASKET	6	4	3	4	3	4	4	6	3	4	3	6	6	3
1.2022 - GASKET, CYLINDER HEAD WATER AND OIL																
1A	5116290	RING, SEAL (END WATER HOLE)		4	4	4	4	4	4	8	4	4	4	8	8	4
1A,C	5121207	RING, SEAL (CENTER WATER HOLE)		6	4	6	4	6	6	8	4	6	4	8	8	4
1B,C	5116122	RING, SEAL (OIL HOLE)	4	2	2	2	2	2	2	4	2	2	2	4	4	2

TYPES

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1.2000 CYLINDER HEAD

PART		COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION													
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
1.2001 - HEAD ASSY., CYLINDER															
5196033	HEAD ASSY. (2 VALVE) 2-53	1													
5197949	% HEAD ASSY. (2 VALVE) 3-53		1												
5198203	HEAD ASSY. (4 VALVE) 3.6V53			1											
5198204	% HEAD ASSY. (2 VALVE) 4-53				1										
5198202	HEAD ASSY. (4 VALVE) 4.8V53					1									
5198438	HEAD ASSY. (4 VALVE) 3. 6V53						1								
5198370	% HEAD ASSY. (4 VALVE) (ALUMINUM) 3, 6V53							1							
5133047	% HEAD ASSY. (4 VALVE) 4. 8V53								1						
5134202	% HEAD ASSY. (2 VALVE) 2-53									1					
5134203	% HEAD ASSY. (2 VALVE) 4-53										1				
5102500	% HEAD ASSY. (4 VALVE) 3.6V53											1			
5149425	HEAD ASSY., 3-53, 6V53, 4-VALVE												1		
5149426	HEAD ASSY., 4-53, 4-VALVE													1	
THE FOLLOWING ITEMS ARE ASSEMBLED TO THE CYLINDER HEAD.															
5139997	PLUG, 7/8" DIA. CUP			3					5	3	5	3	3	5	
8926347	PLUG, FUSE		1	1	1	1	1	1	1	1	1	1	1	1	
5154453	PLUG, 3/8"-16 SPECIAL	4	4	4	4	4	4	4	4	4	4	4	4	4	
8924380	PLUG, 1/8" PIPE (12.9550)	1	2	2	2	2	2	2	2	2	2	2	2	2	
5150041	TUBE, INJECTOR HOLE (1.2045)			3				3				3			
5131615	TUBE, INJECTOR HOLE (1.2045)						3		4						
8925981	KIT, INJECTOR HOLE TUBE (INCLUDES SEAL RING 5104701) TUBE IS STAMPED "606" FOR IDENTIFICATION	2	3	3	4	4		3		3	4	3	3	4	
5104701	RING (1.2046)	2	3	3	4	4	3	3	4	3	4	3	3	4	
8921502	INSERT, EXHAUST VALVE (1.8330)						12		16			12	12	16	
5116196	INSERT, EXHAUST VALVE (1.8330)	4	6		8					6	8				
8921501	INSERT, EXHAUST VALVE (1.8330)			12		16		12							
5131961	GUIDE, EXHAUST VALVE (1.8320)			12		16	12	12	16			12	12	16	
5129919	GUIDE, EXHAUST VALVE (1.8320)	4	6		8					6	8				
5119293	NOZZLE, WATER (DOUBLE OUTLET) (1.2005)			4		6	4	4	6			4	4	6	
5144425	ADAPTOR, CYL. HD. FUSE PLUG			1											
THE FOLLOWING ITEMS ARE SHIPPED LOOSE WITH THE CYLINDER HEAD.															
8923847	PLUG, 1/4" PIPE (4.7001)	5	6	6	6	6	6	6				6	6	6	
5151449	PLUG, 13/16" CUP SPECIAL	3	3	3	3	3	3					3	3	3	
5144425	ADAPTOR, CYLINDER HEAD FUSE PLUG (1.2001)								1	1	1	1	1	1	
5116262	ADAPTOR, CYLINDER HEAD GOVERNOR CONTROL LINK (2.7830)	1	1	1	1	1	1					1	1	1	
5121252	ADAPTOR, CYLINDER HEAD GOVERNOR CONTROL LINK (2.7830)	1	1	1	1	1	1					1	1	1	
5111467	SEAT, EXHAUST VALVE SPRING (1.8360)			12		16	12	12				12	12	16	
% NOT SERVICED; SHOWN FOR REFERENCE ONLY.															

1.2000A ENGINE, LIFTER BRACKET

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 0	4 0	4 1	4 2	4 3	4 4	4 6	4 8	5 1	5 2	5 3	5 6
1.2070 - BRACKET, ENGINE LIFTER-FRONT														
B	5129750	BRACKET (ITEM 1)	1	1					1				1	1
B	5100428	BRACKET (LIFTER & GENERATOR MTG.) (ITEM 3)			1									
B	5100429	BRACKET (LIFTER & GENERATOR MTG.) (ITEM 3)				1	1							
B	5125488	BRACKET (LEFT BANK) (ITEM 2)						1		1				
B	5127949	BRACKET (RIGHT BANK) (ITEM 2)						1						
B	5128824	BRACKET, RH (ITEM 23) (1.2080)									1			
B	5128823	BRACKET, LH (ITEM 23) (1.2080)										1		
	5164294	SPACER, 1/8" THICK (7.1581)	2	2	2	2	2		2				2	2
	179838	BOLT, 3/8"-16X7/8" (12.9001)								2				
	179839	BOLT, 3/8"-16X1" (12.9001)			3	2	3	4						
	5101377	BOLT, 3/8"-16 X 1" (W/SEAL AND LOCKING PATCH) (5.2020)				1								
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	2	2					2				2	2
	180176	BOLT, 1/2"-13X1 3/8" (12.9001)									2	2		
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	2	2	AR	AR
	103323	LOCKWASHER, 1/2" (12.9200)									2	2		
1.2080 - BRACKET, ENGINE LIFTER-REAR														
FOR ENGINES EQUIPPED WITH A THROTTLE CONTROL CROSS SHAFT, REFER TO 2.9305 FOR THE COMBINATION THROTTLE CONT ROL CROSS SHAFT AND REAR ENGINE LIFTER BRACKET.														
B	5119379	BRACKET (ITEM 7) (1.2070)	1		1	1								1
B	5124985	BRACKET (ITEM 17)		1									1	
B	5125227	BRACKET (ITEM 5)					1							
B	5116474	BRACKET (ITEM 5)							1					
B	5128068	BRACKET (ITEM 7)								1				
B	5128091	BRACKET (ITEM 15) (1.2070)									1	1		
	5123429	SPACER, 13/32 X 13/16 X 19/32 (2.3530)					1							
	9409028	BOLT, 3/8"-16X1" LOCK (12.9001)	2		2	2								2
	179844	BOLT, 3/8"-16X1 5/8" (12.9001)					2							
	5170492	BOLT, 3/8"-24X2 29/32" LOCK (12.9001)							AR					
	5170490	% BOLT, 3/8"-24X3 13/16" LOCK (12.9001)							1					
	186312	BOLT, 3/8"-24X4" (12.9001)							2					
	179872	BOLT, 7/16"-14X3 1/2" (12.9001)									2	2		
	180175	BOLT, 1/2"-13X1 1/4" (12.9001)								2			2	
	180176	BOLT, 1/2"-13X1 3/8" (12.9001)		2						2			2	
	103321	LOCKWASHER, 3/8" (12.9200)					AR		AR					
	103322	LOCKWASHER, 7/16" (12.9200)									2	2		
	103323	LOCKWASHER, 1/2" (12.9200)		2						2			2	
		% OBSOLETE.												

1.2000A ENGINE, LIFTER BRACKET

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	61	63	65	69	72	75	78	80	90	95	97	98
1.2070 - BRACKET, ENGINE LIFTER-FRONT														
2B	5129750	BRACKET (ITEM 1)			1	1								
2B	5100428	BRACKET (LIFTER & GENERATOR MTG.) (ITEM 3)		1										
2B	5125488	BRACKET (LEFT BANK) (ITEM 3)											1	
2B	5162868	+ BRACKET (LIFTER & FUEL FILTER MTG.) (ITEM 3)	1											
2B	5132119	BRACKET (LIFTER & GENERATOR MTG.) (ITEM 18)					1							
2B	5135180	BRACKET (RIGHT BANK) (ITEM 10)							1					
2B	5134161	BRACKET (LEFT BANK) (ITEM 10)							1					
2B	5133606	BRACKET (ITEM 21)								2				
2B	5137761	BRACKET (ITEM 7)									1			
2B	5133584	+ BRACKET (ITEM 4)										1		
	5164294	SPACER, 1/8" THICK (7.1581)	2	2	2	2	2							
	179839	BOLT, 3/8"-16X1" (12.9001)	3	3			3		6	4				
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)				2	2							
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)										2		
	180147	BOLT, 7/16"-14X1 1/4" (12.9001)									2	2		
	103341	WASHER, 3/8" (12.9190)												
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	3		AR	AR		AR		
	103322	LOCKWASHER, 7/16" (12.9200)								2				
		+ OBSOLETE.												
1.2080 - BRACKET, ENGINE LIFTER-REAR														
FOR ENGINES EQUIPPED WITH A THROTTLE CONTROL CROSS SHAFT, REFER TO 2.9305 FOR THE COMBINATION THROTTLE CONTROL CROSS SHAFT AND REAR ENGINE LIFTER BRACKET.														
2B	5119379	BRACKET (ITEM 7) (1.2070)				1	1	2						
2B	5116474	BRACKET (ITEM 5)	1	1	1									
2B	5127949	BRACKET (ITEM 2) (1.2070)							1					
2B	5137761	BRACKET (ITEM 7)								1	2	2	2	1
	9409028	BOLT, 3/8"-16X1" LOCK (12.9001)				2	2	4						
	179844	BOLT, 3/8"-16 X1 5/8" (12.9001)												4
	5170492	BOLT, 3/8"-24X2 29/32" LOCK (12.9001)		3										
	5170493	+ BOLT, 3/8"-24X3 5/32" LOCK (12.9001)			3									
	5170490	+ BOLT, 3/8"-24X3 13/16" LOCK (12.9001)	1											
	180147	BOLT, 7/16"-14X1 1/4" (12.9001)								2	4	4	4	
	103342	WASHER, 7/16" (12.9190)								2	4	4	4	
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR					4	4	4	4	AR
	103322	LOCKWASHER, 7/16" (12.9200)												
		+ OBSOLETE.												

1.2000A ENGINE, LIFTER BRACKET

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

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	100	103	108	111	114	116	117	120	122	123	133	138
1.2070 - BRACKET, ENGINE LIFTER-FRONT														
FOR TYPES 104 & 107 USE TYPE 103.														
2B	5136176	BRACKET (ITEM 13)	1						1					
2B	5129750	BRACKET (ITEM 1)		1	1						1	1		1
2B	5137032	BRACKET (ITEM 14)				1								
2B	5125488	BRACKET (ITEM 3)					1	1					1	
2B	5127949	BRACKET (ITEM 2)								1				
	5164294	SPACER, 1/8" THICK (7.1581)		2	2						2	2		2
	179838	BOLT, 3/8"-16 X 7/8" (12.9001)				2							2	
	179839	BOLT, 3/8"-16X1" (12.9001)	2				2	2	4					
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)		2	2	3				2	2			2
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	3	2	2	4	2	2	2	2	2
1.2080 - BRACKET, ENGINE LIFTER-REAR														
FOR ENGINES EQUIPPED WITH A THROTTLE CONTROL CROSS SHAFT, REFER TO 2.9305 FOR THE COMBINATION THROTTLE CONTROL CROSS SHAFT AND REAR ENGINE LIFTER BRACKET.														
2B	5136166	BRACKET (ITEM 11)	1											
2B	5119379	BRACKET (ITEM 7)		1				1						
OA,B	5137035	BRACKET				1								
2B	5116474	BRACKET (ITEM 5)							1					
2B	5107464	BRACKET (ITEM 6)									1			
2B	5139567	BRACKET (ITEM 8)										1		
2B	5109942	BRACKET (ITEM 19)											1	
2B	5125227	BRACKET (ITEM 9)												1
	5175882	GASKET (4.4115)							2		1	2		
	5123429	SPACER, 13/32" X 13/16" X 19/32" (2.3530)												1
	186612	BOLT, 3/8"-16X3/8" (12.9001)											3	
	179838	BOLT, 3/8"-16X7/8" (12.9001)									3	4		
	9409028	BOLT, 3/8"-16X1" (12.9001)		2										
	5170492	BOLT, 3/8"-24X29/32" LOCK (12.9001)	3					2		3				
	427564	BOLT, 7/16"-14X1 3/8" (12.9001)				2								
	180176	BOLT, 1/2"-13X1 3/8" (12.9001)												2
	103321	LOCKWASHER, 3/8" (12.9200)									1	2	3	2
	103322	LOCKWASHER, 7/16" (12.9200)				2								
		+ OBSOLETE.												

1.2000A ENGINE, LIFTER BRACKET

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 4 4	1 4 5	1 5 9	1 6 3	1 7 5	1 8 7	1 8 8	1 8 9	1 9 0	2 0 3	2 1 2	2 3 2
1.2070 - BRACKET, ENGINE LIFTER-FRONT														
2B	5137032	BRACKET (ITEM 14)				1								
2B	5135500	BRACKET (ITEM 12)		1										
2B	5144998	BRACKET (ITEM 7)			3									
2B	5129750	BRACKET (ITEM 1)					1							
2B	5100428	* BRACKET (R.H.) (ITEM 3)						1	1		1			
2B	5100429	* BRACKET (L.H.) (ITEM 3)	1							1		1		
2B	5127949	BRACKET (R.H.) (ITEM 2)											1	1
2B	5125488	BRACKET (L.H.) (ITEM 3)											1	
2B	5134161	BRACKET (L.H.) (ITEM 1)												1
	5116242	GASKET (1.2044)		1										
2A	5164294	SPACER, 1/8" THICK (7.1581)	2				2	2	2	2	2			
	8927580	BOLT, 3/8"-16X1.015" (12.9001)			6								4	
	179839	BOLT, 3/8"-16X1" (12.9001)	2					2	2	2	2			4
	8927581	BOLT, 3/8"-16X1" LOCK (12.9001)					2							
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)				3								
	5101377	BOLT, 3/8"-16X1" (W/SEAL PATCH) (5.2020)	1					1	1	1	1	3		
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)		2										
	103341	WASHER, 3/8" (12.9190)									2			
	103321	LOCKWASHER, 3/8" (12.9200)	3		6	3		3	3	3	3	3	4	4
* INCLUDES GENERATOR MOUNTING.														
1.2080 - BRACKET, ENGINE LIFTER-REAR														
FOR ENGINES EQUIPPED WITH A THROTTLE CONTROL CROSS SHAFT. REFER TO 2.9305 FOR THE COMBINATION THROTTLE CONTROL CROSS SHAFT AND REAR ENGINE LIFTER BRACKET.														
2B	5119379	BRACKET (ITEM 7) (1.2070)		1		1	1				1			
2B	5116474	BRACKET (ITEM 5)	1					1						
2B	5125488	BRACKET (ITEM 3)			2									
2B	5124985	BRACKET (ITEM 17)							1	1				
2B	5101634	BRACKET (ITEM 6) (2.9305)										1		
2B	5107174	BRACKET (ITEM 16)											2	
2B	5134161	BRACKET (ITEM 1)												1
	5175882	GASKET (4.4115)										2		
2B	179839	BOLT, 3/8"-16X1" (12.9001)												2
	454813	BOLT, 3/8"-16X7/8" (12.9001)			4		2							
	8927581	BOLT, 3/8"-16X1" (12.9001)		2		2	2				2	3		
	5170492	BOLT, 3/8"-24X2 29/32" LOCK (12.9001)	3					3						
	186310	BOLT, 3/8"-24X3 1/2" (12.9001)											2	
	186312	BOLT, 3/8"-24X4" (12.9001)											2	
	442733	BOLT, 1/2"-13X1 1/4" (12.9001)							2	2				
	180176	BOLT, 1/2"-13X1 3/8" (12.9001)							2	2				
	103321	LOCKWASHER, 3/8" (12.9200)			4									2

1.3000 CRANKSHAFT, OIL SEALS AND STABILIZERS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 9	2 0	2 1	2 2	3 0	3 5	3 6	3 9	4 0	4 1	4 3	4 4
1.3001 - CRANKSHAFT ASSY.														
A CRANKSHAFT ASSY. INCLUDES PLUG AND DOWEL IN 1.3001. WHEN REPLACING A CRANKSHAFT ASSY. INCLUDE AN OIL PUMP DRIVE GEAR IN 4.1310 FOR A 2, 3, 4 & 6V.														
IA	5116446	CRANKSHAFT ASSY; 2-53	1											
IA	5106709	+ CRANKSHAFT ASSY. (8926897) 3-53		1								1		
IA	5104549	+ CRANKSHAFT ASSY. (8926898) 4-53			1									
IA	5144616	CRANKSHAFT ASSY; 6V-53				1				1			1	1
IA	5144617	CRANKSHAFT ASSY; 6V-53 (SPLINED)					1							
IA	5199320	* CRANKSHAFT ASSY; 3-53 (5106709)						1						
IB	5198291	# CRANKSHAFT ASSY; 8V-53 INCLS SLEEVE							1					
IB	5136592	CRANKSHAFT ASSY; 8V-53									1			
IB	5198290	BEARING, CRANKSHAFT FRONT SUPPORT							1					
	5177528	DOWEL							2		2			
IA	8924380	PLUG, 1/8" PIPE (12.9550)	2	3	4	9	3	3	5	3	5	9	3	3
IA	141355	PLUG, 1/4"x1/4" DRIVE							2					
* NOT SERVICED; USE CRANKSHAFT SHOWN IN PARENTHESES AND INCLUDE A 5142713 OIL PUMP DRIVE GEAR.														
# REQUIRES USE OF 5198289 SEAL AND 5136567 SPACER.														
+ NOT SERVICED. USE PART NUMBER IN PARENTHESES.														
1.3040 - SEAL, CRANKSHAFT OIL-FRONT														
IA,4B	5116224	SEAL	1	1	1	1	1			1		1		
	5115454	SEAL						1			1			
	5198289	SEAL, 8V-53, USE WITH SLEEVE BRG IN GRP 1.3056							1					
	5138796	SEAL											1	1
	5198503	SEAL, SINGLE LIP O.S.- USE WITH 5198502 SLEEVE IN 1.3001.	1	1	1	1	1						1	1
	5148314	SEAL (W/EXCLUDER LIP)		1										
1.3055 - SPACER, CRANKSHAFT FRONT OIL SEAL														
B	5136567	SPACER (SLEEVE)							1					
	5138786	SPACER								1			1	1
	5180291	RETAINER (WASHER) (1.3290)								1			1	1
	271632	BOLT, 3/4"-16X1 3/4" (12.9001)								1			1	1
1.3056 - SLEEVE, CRANKSHAFT FRONT OIL SEAL SPACER														
B	5198502	SLEEVE, 2,3,4,6V53 (USE WITH 5198503 SEAL IN GRP 1.3040)	1	1	1	1	1						1	1
	5138945	SLEEVE, 6V53 (1.3055)								1			1	1

1.3000 CRANKSHAFT, OIL SEALS AND STABILIZERS

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		1 9	2 0	2 1	2 2	3 0	3 5	3 6	3 9	4 0	4 1	4 3	4 4
1.3060 - SEAL, CRANKSHAFT OIL-REAR													
3A,5A	5116229	1	1	1	1	1	1				1	1	1
3A,5A	5128917		1	1	1								1
	8926902					AR	AR		AR			AR	AR
	8924374								AR			AR	AR
3A,5A	5196852	AR	AR	AR	AR	AR			AR			AR	AR
3A,5A	5114335							1		1			
	5197860							AR		AR			
3A,5A	5199477		AR	AR	AR								AR
	@ USED ONLY ON UNITS WITH OIL IN FLYWHEEL HOUSING.												
1.3065 - SPACER, CRANKSHAFT REAR OIL SEAL													
	5192496							AR		AR			
	* USED ONLY WITH SINGLE LIP OIL SEAL.												
1.3066 - SLEEVE, CRANKSHAFT REAR OIL SEAL													
	5196851	AR	AR	AR	AR	AR	AR		AR		AR	AR	AR
	5198908							AR		AR			
1.3090 - SHELL, CRANKSHAFT MAIN BEARING													
	A SHELL SET CONSISTS OF ONE UPPER AND ONE LOWER SHELL.												
	8924357	AR	AR	AR				AR					
	8924358	AR	AR	AR				AR					
	8924359	AR	AR	AR				AR					
	8924360	AR	AR	AR				AR					
	5196663	AR	AR	AR				AR					
	5107802	AR	AR	AR				AR					
	5107803	AR	AR	AR				AR					
	5195927					AR	AR			AR		AR	
	5196684					AR	AR			AR		AR	
	5196685					AR	AR			AR		AR	
	5196686					AR	AR			AR		AR	
	5196687					AR	AR			AR		AR	
	5107810					AR	AR			AR		AR	
	5107811					AR	AR			AR		AR	
	5198410									AR			AR
	5198411												AR
	5198412												AR
	5198413												AR
	5198414												AR
	5107812												AR
	5107813												AR
	* THRU 8D-4610.												
	+ EFF. WITH 8D-4611.												

1.3000 CRANKSHAFT, OIL SEALS AND STABILIZERS

PART FIG . . . NUMBER NAME AND DESCRIPTION			TYPES											
			1 9	2 0	2 1	2 2	3 0	3 5	3 6	3 9	4 0	4 1	4 3	4 4
1.3100 - WASHER, CRANKSHAFT MAIN BEARING THRUST														
A	5116197	WASHER, STD. INLINE 53	4	4	4			4				4		
A	5196755	WASHER (.005" O.S.)	AR	AR	AR			AR	AR			AR		
A	5196756	WASHER (.010" O.S.)	AR	AR	AR			AR				AR		
A	5159353	WASHER, STD 6,8V53				4	4		4	4	4		4	4
A	5160542	WASHER (.005" O.S.)				AR	AR		AR		AR		AR	AR
A	5192111	WASHER (.010" O.S.)				AR	AR		AR		AR		AR	AR
A	141346	PIN, 3/16"X1/2" DOWEL (12.9290)	4	4	4	4	4	4	4	4	4	4	4	4
A	5149149	PIN, 7/32"X1/2" DOWEL (1/32" O.S.)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
1.3110 - CAP, CRANKSHAFT MAIN BEARING														
A	5133620	CAP, GAMA GOAT (CAST IRON) (UNFINISHED)						AR						
A	5116142	CAP, INLINE 53 (CAST IRON) (UNFINISHED)	AR	AR	AR							AR		
A	5135258	CAP, V-53 (MALLEABLE IRON) (UNFINISHED)				AR	AR		AR		AR		AR	AR
A	5132479	CAP, V-53 (CAST IRON) (UNFINISHED)				AR	AR		AR		AR		AR	AR
A	5137937	CAP, 6V53 (CAST IRON) (AL BLOCK) (UNFINISHED)								AR				
A	5197345	CAP, REAR MAIN, GAMA GOAT (CAST IRON) (FINISHED)						AR						
A	5195935	CAP, REAR MAIN, INLINE 53 (CAST IRON) (FINISHED)	AR	AR	AR							AR		
A	5195936	* CAP, REAR MAIN (CAST IRON) (FINISHED)				AR	AR							AR
A	5199506	CAP, REAR MAIN, V-53 (MALLEABLE IRON) (FINISHED)				AR	AR		AR		AR		AR	AR
A	5198147	CAP, REAR MAIN, V-53 (CAST IRON) (FINISHED)				AR	AR		AR	AR	AR		AR	AR
A	5149930	CAP, INTERMEDIATE GAMA GOAT (CAST IRON) (FINISHED)						AR						
A	5149929	CAP, INTERMEDIATE, INLINE 53 (CAST IRON) (FINISHED)	AR	AR	AR							AR		
A	5149932	CAP, INTERMEDIATE, V-53 (MALLEABLE IRON) (FINISHED)				AR	AR		AR		AR		AR	AR
A	5149931	CAP, INTERMEDIATE, V-53 (CAST IRON) (FINISHED)				AR	AR		AR	AR	AR		AR	AR
* NOT SERVICED; USE 5198147 CAP AND INCLUDE 2-179837 BOLT, 2-5138619 WASHER AND 2-103321 LOCKWASHER IN 4.15 10.														
1.3112 - STABILIZER, CRANKSHAFT MAIN BEARING CAP														
	5138768	% STABILIZER, 4-53			1									
	5132695	+ STABILIZER, 6, 8V53 (FRONT ON 8V)				4	4		2		2			4
	5132695	@ STABILIZER, 6V53				2	2							2
	5133675	STABILIZER, 3-53						1						
	5132902	STABILIZER, 8V53 (LEFT REAR)							1		1			
	5132903	STABILIZER, 8V53 (RIGHT REAR)							1		1			
	5136179	STABILIZER, 6V53								4				1

1.3000 CRANKSHAFT, OIL SEALS AND STABILIZERS

PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	1 9	2 0	2 1	2 2	3 0	3 5	3 6	3 9	4 0	4 1	4 3	4 4
		1.3112 - STABILIZER, CRANKSHAFT MAIN BEARING CAP (CONT'D)												
	5138578	% * SPACER, 4-53			2									
	5136277	SPACER, 6V-53							8					1
	220427	% BOLT, 5/16"-18X2 1/4" LOCK (12.9001)			2									
	9409028	BOLT, 3/8"-16X1" (12.9001)						2						
	9414523	BOLT, 7/16"-14X1" (12.9001)				8	8	6	8		8			8
	5108435	WASHER, 3/8" (12.4010)						2						
	5125608	WASHER, 7/16"				8	8	6	8		4			4
		% THRU 4D-29138 FOR MODELS 5042-2302, 8302.												
		+ FOR 6V53 TURBO & MILITARY ENGINES.												
		@ FOR 6V-53 NON-TURBO & NON-MILITARY ENGINES.												
		* NOT SERVICED, USE 5111462 SPACER AND CHART 5111462.												
		1.3140 - BOLT, CRANKSHAFT MAIN BEARING CAP												
3A	5116199	BOLT, 2,3,4-53	6	8	10							8		
	5138581	% BOLT, 4-53			9									
	5141701	# BOLT, 9/16"-12 X 6.24"				8	8	8	10		10			8
1C	5125945	+ BOLT				8	8		10		10			8
	8920538	= BOLT, 9/16"-12 X 5.60"				4	4	4						4
	5135523	BOLT, 6V-53											16	
	5133981	WASHER (1.1001)				8	8	8	10		10			8
	5132715	WASHER, .53 I.D. X 1" X .12								16				
	5138577	% SPACER (1.3112)			9									
	9420350	NUT, 9/16"-18 (12.9120)						8						
		% THRU 4D-29138 FOR MODELS 5042-2302, 8302.												
		+ NOT SERVICED; USE 5141701 BOLT AND 5133981 WASHER.												
		# FOR 6V53 TURBO & MILITARY ENGINES.												
		= FOR 6V53 NON-TURBO & NON-MILITARY ENGINES.												
		1.3145 - GEAR, CRANKSHAFT TIMING												
3A,7C	5116195	* GEAR, 2, 3, 4, 6V53 (R.H. HELIX: 97 TEETH)	1	1	1	1	1	1		1		1	1	1
3A,7C	5132648	GEAR, 8V53 (R.H. HELIX: 97 TEETH)							1		1			
	138253	BOLT, 3/8"X3/4" HEX. SOC. HD. (12.9027)							3		3			
	127559	KEY, 1/4"X3/4" WOODRUFF (12.9350)	1	1	1	1	1	1	1		1		1	1
		* NOT SERVICED, SUPERSEDED BY 5107071 AND TO INSURE INTERCHANGEABILITY REPLACE ALL CORRESPONDING GEARS.												

1.3000 CRANKSHAFT, OIL SEALS AND STABILIZERS

PART			TYPES						
FIG	NUMBER	NAME AND DESCRIPTION	4 7	5 9	6 8	7 0	7 3	7 9	
		1.3001 - CRANKSHAFT ASSY.							
		A CRANKSHAFT ASSY. INCLUDES PLUGS IN 1.3001. WHEN REPLACING A CRANKSHAFT ASSY. INCLUDE AN OIL PUMP DRIVE GE AR IN 4.1310 FOR A 2, 3, 4 & 6V.							
IA	5143305	CRANKSHAFT ASSY., 4-53 (SPLINED)	1						
IB	5136592	CRANKSHAFT ASSY., 8V53		1					
IA	5116448	+ CRANKSHAFT ASSY., 4-53			1				
IA	5104549	CRANKSHAFT ASSY., 4-53			1	1			
IA	5106709	CRANKSHAFT ASSY., 3-53T					1		
IA	5144617	CRANKSHAFT ASSY., 6V53 (SPLINED)						1	
IA	8924380	PLUG, 1/8" PIPE (12.9550)	4	5	4	4	3		
	8924749	PLUG, 1/8" PIPE (12.9550)						3	
		+ NOT SERVICED; USE 5104549.							
		1.3040 - SEAL, CRANKSHAFT OIL-FRONT							
	5198503	SEAL (SINGLE LIP O.S., USE WITH 5198502 SLEEVE)	1		1	1	1	1	
IA,4B	5116224	SEAL	1		1	1	1	1	
	5115454	SEAL		1					
	5148314	SEAL (W/EXCLUDER LIP)			1				
		1.3055 - SPACER, CRANKSHAFT FRONT OIL SEAL							
IB	5136567	SPACER (SLEEVE)		1					
		1.3056 - SLEEVE, CRANKSHAFT FRONT OIL SEAL SPACER							
	5198502	SLEEVE (USE WITH 5198503 SEAL)	1		1	1	1	1	
		1.3060 - SEAL, CRANKSHAFT OIL-REAR							
IA,5A	5116229	SEAL (SINGLE LIP, STANDARD)	1		1	1	1	1	
IA,5A	5128917	* SEAL (DOUBLE LIP, STANDARD)	1		1				
	8926902	SEAL AND SLEEVE KIT (SINGLE LIP, TEFLON, STANDARD) (6V53 R.H. ROTATING UNITS ONLY)							AR
	8924374	SEAL (SINGLE LIP, O.S., USE WITH 5196851 SLEEVE) (6V53 R.H. ROTATING UNITS ONLY, TEFLON)							AR
IA,5A	5196852	SEAL (SINGLE LIP, O.S., USE WITH 5196851 SLEEVE)	AR	AR	AR	AR	AR	AR	
IA,5A	5127821	SEAL (DOUBLE LIP, STANDARD)		1					
IA,5A	5199477	SEAL (DOUBLE LIP, O.S., USE WITH 5196851 SLEEVE)	AR	AR	AR	AR	AR	AR	
		* USED ONLY ON UNITS WITH OIL IN FLYWHEEL HOUSING.							
		1.3066 - SLEEVE, CRANKSHAFT REAR OIL SEAL							
	5196851	SLEEVE (WITH O.S. OIL SEAL)	AR	AR	AR	AR	AR	AR	

1.3000 CRANKSHAFT, OIL SEALS AND STABILIZERS

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 7	4 8	5 9	6 8	7 0	7 3	7 9				
1.3090 - SHELL, CRANKSHAFT MAIN BEARING													
A SHELL SET CONSISTS OF ONE UPPER AND ONE LOWER SHELL.													
	8924357	SHELL SET (STD. INLINE)	AR		AR		AR						
	8924358	SHELL SET (.002" U.S.)	AR		AR		AR						
	8924359	SHELL SET (.010" U.S.)	AR		AR		AR						
	8924360	SHELL SET (.020" U.S.)	AR		AR		AR						
	5196663	SHELL SET (.030" U.S.)	AR		AR		AR						
	5107802	SHELL SET (.010" O.S.O.D. W/STD. I.D.)	AR		AR		AR						
	5107803	SHELL SET (.020" O.S.O.D. W/STD. I.D.)	AR		AR		AR						
3A	5149447	SHELL SET, STD. INLINE TURBO					AR		AR				
3A	5149448	SHELL SET (.002" U.S.) INLINE TURBO					AR		AR				
3A	5149449	SHELL SET (.010" U.S.) INLINE TURBO					AR		AR				
3A	5149450	SHELL SET (.020" U.S.) INLINE TURBO					AR		AR				
3A	5149451	SHELL SET (.030" U.S.) INLINE TURBO					AR		AR				
	8922081	SHELL SET, TURBO (.010" O.S.O.D. W/STD. I.D.)					AR		AR				
	8922084	SHELL SET, TURBO (.020" O.S.O.D. W/STD. I.D.)					AR		AR				
	5198410	SHELL SET (STD. 6.8V53-7 HOLE)		AR					AR				
	5198411	SHELL SET (.002" U.S.)		AR					AR				
	5198412	SHELL SET (.010" U.S.)		AR					AR				
	5198413	SHELL SET (.020" U.S.)		AR					AR				
	5198414	SHELL SET (.030" U.S.)		AR					AR				
	5107812	SHELL SET (.010" O.S.O.D. W/STD. I.D.)		AR					AR				
	5107813	SHELL SET (.020" O.S.O.D. W/STD. I.D.)		AR					AR				
1.3100 - WASHER, CRANKSHAFT MAIN BEARING THRUST													
3A	5116197	WASHER (STD. INLINE 53)	4		4	4	4	4					
3A	5196755	WASHER (.005" O.S.)	AR		AR	AR	AR	AR					
3A	5196756	WASHER (.010" O.S.)	AR		AR	AR	AR	AR					
3A	5159353	WASHER (STD. 6.8V53)		4					4				
3A	5160542	WASHER (.005" O.S.)		AR					AR				
3A	5192111	WASHER (.010" O.S.)		AR					AR				
3A	141346	PIN, 3/16"X1/2" DOWEL (12.9290)	4	4	4	4	4	4	4				
3A	5149149	PIN, 7/32"X1/2" DOWEL (1/32" O.S.)	AR	AR	AR	AR	AR	AR	AR				
1.3110 - CAP, CRANKSHAFT MAIN BEARING													
3A	5116142	CAP, INLINE 53 (CAST IRON) (UNFINISHED)	AR		AR	AR	AR	AR					
3A	5135258	CAP, V-53 (MALLEABLE IRON) (UNFINISHED)		AR					AR				
3A	5132479	CAP, V-53 (CAST IRON) (UNFINISHED)		AR					AR				
3A	5195935	CAP, REAR MAIN, INLINE 53 (CAST IRON) (FINISHED)	AR		AR	AR	AR	AR					
3A	5199506	CAP, REAR MAIN, V-53 (MALLEABLE IRON) (FINISHED)		AR					AR				
3A	5198147	CAP, REAR MAIN, V-53 (CAST IRON) (FINISHED)		AR					AR				
3A	5149929	CAP, INTERMEDIATE, INLINE 53 (CAST IRON) (FINISHED)	AR		AR	AR	AR	AR					
3A	5149932	CAP, INTERMEDIATE, V-53 (MALLEABLE IRON) (FINISHED)		AR					AR				
3A	5149931	CAP, INTERMEDIATE, V-53 (CAST IRON) (FINISHED)		AR					AR				

1.3000 CRANKSHAFT, OIL SEALS AND STABILIZERS

PART		TYPES														
FIG	NUMBER	NAME AND DESCRIPTION	4 7	5 9	6 8	7 0	7 3	7 9								
		1.3112 - STABILIZER, CRANKSHAFT MAIN BEARING CAP														
	5138768	& STABILIZER, 4-53	1	1												
	5132695	STABILIZER, 6, 8V53 (FRONT ON 8V)	2					4								
	5132902	STABILIZER, 8V53 (LEFT REAR)	1													
	5132903	STABILIZER, 8V53 (RIGHT REAR)	1													
	5138578	& * SPACER	2													
	220427	& BOLT, 5/16"-18X2 1/4" LOCK (12.9001)	2													
	9414523	BOLT, 7/16"-14X1" (12.9001)		8				8								
	5125608	WASHER, 7/16"	4					8								
		& THRU 4D-29138 FOR MODELS 5042-2302, 8302.														
		* NOT SERVICED, USE 5111462 SPACER AND CHART 5111462.														
		1.3140 - BOLT, CRANKSHAFT MAIN BEARING CAP														
A	5116199	BOLT, 2, 3, 4-53		10	10	10	8									
	5141701	BOLT, 6, 8V53	10					8								
	5133981	WASHER (1.1001)	10					8								
	5138577	& SPACER (1.3112)	9													
		& THRU 4D-29138 FOR MODELS 5042-2302, 8302.														
		1.3145 - GEAR, CRANKSHAFT TIMING														
A,7C	5116195	* GEAR, 2, 3, 4, 6V53 (R.H. HELIX; 97 TEETH)	1	1	1	1	1									
A,7C	8924986	+ GEAR, 3-53 (R.H. HELIX; 111 TEETH; STAMPED 8924986)						1								
A,7C	5132648	GEAR, 8V53 (R.H. HELIX; 97 TEETH)		1												
A,7C	5107071	GEAR, 6V53 (R.H. HELIX; 111 TEETH)						1								
	138253	BOLT, 3/8"X3/4" HEX. SOC. HD. (12.9027)		3												
	127559	KEY, 1/4"X3/4" WOODRUFF (12.9350)	1	1	1	1	1	1								
		* NOT SERVICED, SUPERSEDED BY 5107071 AND TO INSURE INTERCHANGEABILITY REPLACE ALL CORRESPONDING GEARS.														
		+ EFFECTIVE WITH 3D-193526 FOR TURBO APPLICATIONS ONLY.														

1.3000A CRANKSHAFT FRONT COVER

PART			TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	4 8	4 9	5 4	5 7	6 3	6 5	6 6	6 7	6 9	7 0	7 8	7 9		
1.3160 - COVER, CRANKSHAFT FRONT																
A COVER ASSY. INCLUDES PLUGS, GASKETS, PINS AND STUDS IN 1.3160 AND ITEMS IN 1.3171, 1.3172, 4.1690 THRU 4. 1720.																
5197918	+	COVER ASSY. 8V53												1		
5113657		PLUG (18 MM. X 1.5 MM.) (4.1710)												2		
5132754		PLUG (VALVE SEAT)												2		
5197146		PLUG (1.139" DIA. CUP, OIL PASSAGE)												1		
5115214		PLUG, 1/2 PIPE (12.9550)												5		
5177773		GASKET (18 MM.) (4.4170)												2		
5157933		PIN, 5/16" X 7/8" DOWEL (3.4140)												2		
186679		BOLT, 3/8"-16X1 1/4" (12.9001)												6		
179844		BOLT, 3/8"-16X1 5/8" (12.9001)												4		
179848		BOLT, 3/8"-16X2 1/4" (12.9001)												10		
179851		BOLT, 3/8"-16X3" (12.9001)												6		
8921935		BOLT, 7/16"-14X1 1/8" (12.9001)												6		
103341		WASHER, 3/8" (12.9190)												4		
103321		LOCKWASHER, 3/8" (12.9200)												26		
103322		LOCKWASHER, 7/16" (12.9200)												6		
+ NOT SERVICED. FOR COMPLETE REPLACEMENT USE 1-5198389 COVER ASSY., 1-5136592 CRANKSHAFT, 1-5115454 SEAL, 1-5136454 SEAL, 1-5136546 SUPPORT, 1-5136567 SLEEVE, 1-5187760 SPACER, 6-8921935 BOLTS AND 6-103322 LOCKWASHERS.																
1.3161 - COVER, ENGINE FRONT-UPPER																
AN UPPER COVER ASSY. INCLUDES PINS, PLUGS AND NIPPLE IN 1.3161.																
4A	5119428	COVER ASSY. INLINE 53	1			1					1	1				
4B	5109807	COVER ASSY. 8V-53											1			
4A	5121373	COVER ASSY. 2-53		1	1					1						
4B	5126008	COVER ASSY. 6V-53					1									
4B	5128025	COVER ASSY. 6V-53						1								
4B	5128026	COVER ASSY. 6V-53							1							
	5119477	NIPPLE (5.2160)					1	1								
	5150829	PLUG, 7/8" CUP (4.8001)					1	1	2				2			
	5146900	PIN, 3/8"X1 1/8" DOWEL (12.9290)	2	2	2	2			2	2	2	2				
	5157933	PIN, 5/16" X 7/8" DOWEL (3.4140)					2	2	2				2			
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)	9			9					9	9				
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)		12	12					12						
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)				4					4	4				

1.3000A CRANKSHAFT FRONT COVER

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	4 8	4 9	5 4	5 7	6 3	6 5	6 6	6 7	6 9	7 0	7 8	7 9
1.3161 - COVER, ENGINE FRONT-UPPER (CONT'D)														
	179844	BOLT, 3/8"-16X1 5/8" (12.9001)	4				11	11	11				14	
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)					12	12	12				12	
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)					12	12	12				AR	
	103341	WASHER, 3/8" (12.9190)											23	
	103321	LOCKWASHER, 3/8" (12.9200)	13	12	12	13	23	23	23	12	13	13	23	
1.3162 - COVER, ENGINE FRONT-LOWER														
A LOWER COVER ASSY. INCLUDES ITEMS IN 4.1690 THRU 4.1720.														
ID	5197415	COVER ASSY., 2,3,4-53	1	1	1	1					1	1		
ID	5136274	COVER ASSY., 6V-53					1	1	1					
ID	5108734	* COVER ASSY., 2-53								1				
ID	5109946	COVER ASSY., 6V-53											1	
	5174085	SPACER, 15/32" I.D. X 3/8" L. (2.7960)			6									
	5157412	SPACER, 13/32" I.D. X 1/4" L. (7.4013)									4			
	8924380	PLUG, 1/8" PIPE (12.9550)	AR		AR	AR	AR	AR	AR	AR	AR	AR	AR	
	5115214	PLUG, 1/2" PIPE (12.9550)											2	
	8923916	PLUG, 1/2" PIPE (12.9550)	7	7	7	7					7	7		
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)					4	4	4					
	108608	BOLT, 3/8"-16X2 1/8" (12.9001)		5										
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)					5	5	4				4	
	179851	BOLT, 3/8"-16X3" (12.9001)		6										
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)	11		11	11				11	7	7		
	186283	BOLT, 3/8"-16X3 1/2" (12.9001)			4		2	2	2		4		4	
	455537	BOLT, 3/8"-16X4" (12.9001)					2	2	2				2	
	272429	BOLT, 3/8"-16X4 1/8" (12.9001)											4	
	180147	BOLT, 7/16"-14X1 1/4" (12.9001)			2									
	103341	WASHER, 3/8" (12.9190)											AR	
	103321	LOCKWASHER, 3/8" (12.9200)	11	9	11	11	12	12	12	11	11	11	12	
* OBSOLETE.														
1.3170 - GASKET, CRANKSHAFT FRONT COVER														
A	5121082	GASKET, UPPER 2,3,4-53	1	1	1	1				1	1	1		
B	5124055	GASKET, UPPER, 8V-53					1	1	1				1	
D	5116386	GASKET, LOWER 2,3,4-53	1	1	1	1				1	1	1		
D	5119368	GASKET, LOWER, 6V-53					1	1	1				1	
	5132916	GASKET (OUTLINE)												1
	5132915	GASKET (CENTER)												1
1.3171 - PLATE, CRANKSHAFT FRONT COVER														
	5197658	@ COVER											1	1
	179816	@ BOLT, 5/16"-18X3/4" (12.9001)											3	3
	446202	@ WASHER, 5/16" COPPER (12.9190)											3	3
@ REQUIRED WITH FRONT COVER 5142043.														

DETROIT DIESEL

53 MPC ENGINES

1.3000A CRANKSHAFT FRONT COVER

PART			TYPES											
.FIG	NUMBER	NAME AND DESCRIPTION	4 8	4 9	5 4	5 7	6 3	6 5	6 6	6 7	6 9	7 0	7 8	7 9
	1.3172	- GASKET, CRANKSHAFT FRONT COVER PLATE												
	5109498	* GASKET (7.8040) * REQUIRED WITH FRONT COVER 5142043.											1	1

1.3000A CRANKSHAFT FRONT COVER

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
1.3160 - COVER, CRANKSHAFT FRONT													
A COVER ASSY. INCLUDES PLUGS, GASKETS, PINS AND STUDS IN 1.3160 AND ITEMS IN 1.3171, 1.3172, 4.1690 THRU 4.1720.		8 0	8 2	8 5	8 6	8 9	9 0	9 2	9 3	9 5	1 0 4	1 1 0	
5197918	+ COVER ASSY., 8V53	1											
5198389	COVER ASSY., 8V53				1	1	1						
5142043	# COVER ASSY., 8V53											1	
5113657	PLUG, 18 MM. X 1.5 MM (4.1710)	2			2	2	2						
5132754	PLUG, .627" DRIVE (VALVE SEAT)	2			2	2	2						
5197146	PLUG (1.139" DIA. CUP, OIL PASSAGE)	1			1	1	1					1	
5115214	PLUG, 1/2" PIPE (12.9550)	5			5	5	5					3	
5177773	GASKET (18 MM.) (4.4170)	2			2	2	2						
5157933	PIN, 5/16" X 7/8" DOWEL (3.4140)	2			2	2	2					2	
186679	BOLT, 3/8"-16X1 1/4" (12.9001)	6			6	6	6					6	
179844	BOLT, 3/8"-16X1 5/8" (12.9001)	4			4	4	4					4	
179848	BOLT, 3/8"-16X2 1/4" (12.9001)	10			10	10	10					10	
179851	BOLT, 3/8"-16X3" (12.9001)	6			6	6	6					6	
8921935	BOLT, 7/16"-14X1 1/8" (12.9001)	6											
103341	WASHER, 3/8" (12.9190)	4			4	4	4					4	
106263	WASHER, 7/16" (12.9190)					2							
103321	LOCKWASHER, 3/8" (12.9200)	26			26	26	26						
103322	LOCKWASHER, 7/16" (12.9200)	6											
+ NOT SERVICED. FOR COMPLETE REPLACEMENT USE 1-5198389 COVER ASSY., 1-5136592 CRANKSHAFT, 1-5115454 SEAL, 1-5136454 SEAL, 1-5136546 SUPPORT, 1-5136567 SLEEVE, 1-5187760 SPACER, 6-8921935 BOLTS AND 6-103322 LOCKWASHERS.													
# DOES NOT INCLUDE ITEMS IN 1.3171, 1.3172.													
1.3161 - COVER, ENGINE FRONT-UPPER													
AN UPPER COVER ASSY. INCLUDES PINS, PLUGS AND NIPPLE IN 1.3161.													
5119428	COVER ASSY., 2,3,4-53										1		
5133674	COVER ASSY., 3,4-53	1						1	1				
5136143	COVER ASSY., 6V53			1							1		
5150362	STUD, 1 11/16"L	1											
5150021	STUD, 3 1/8"L	1											
5119477	NIPPLE (5.2160)										1		
5150829	PLUG, 7/8" CUP (4.8001)										3		

1.3000A CRANKSHAFT FRONT COVER

PART			TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION	8 0	8 2	8 5	8 6	8 9	9 0	9 2	9 3	9 5	1 0 4	1 1 0	
1.3161 - COVER, ENGINE FRONT-UPPER (CONT'D)														
	456378	PIN, 1/4"X2" SPRING (12.9270)		1					1	1				
	5146900	PIN, 3/8"X1 1/8" DOWEL (12.9290)		2					2	2	2			
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)		9					9	9	9			
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)							4	4	4			
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)			1									
	179844	BOLT, 3/8"-16X1 5/8" (12.9001)			3							3		
	179846	BOLT, 3/8"-16X1 7/8" (12.9001)		4										
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)			1							1		
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)			11							11		
	103341	WASHER, 3/8" (12.9190)			AR							AR		
	103321	LOCKWASHER, 3/8" (12.9200)			22				13	13	13	13		
1.3162 - COVER, ENGINE FRONT-LOWER														
A LOWER COVER ASSY. INCLUDES ITEMS IN 4.1690 THRU 4.1720.														
4D	5197415	COVER ASSY., 2,3,4-53				1			1		1			
4D	5137106	COVER ASSY., 3-53								1				
4D	5138830	COVER ASSY., 6V53			1									
	5136879	* COVER ASSY., 6V53										1		
	8924380	PLUG, 1/8" PIPE (12.9550)			AR				AR	AR				
	5115214	PLUG, 1/2" PIPE (12.9550)			2									
	8923916	PLUG, 1/2" PIPE (12.9550)				7			7	7	7			
	108608	BOLT, 3/8"-16X2 1/8" (12.9001)									5			
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)			4					2		2		
	179851	BOLT, 3/8"-16X3" (12.9001)									6			
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)							11	9				
	186283	BOLT, 3/8"-16X3 1/2" (12.9001)			4									
	272429	BOLT, 3/8"-16X4 1/8" (12.9001)			4							8		
	103341	WASHER, 3/8" (12.9190)			AR							AR		
	103321	LOCKWASHER, 3/8" (12.9200)			10				11	11		10		
		* OBSOLETE												
1.3163 - CRANKSHAFT, FRONT SUPPORT SEAL RING														
	5136454	RING, SEAL				1	1	1					1	
1.3164 - CRANKSHAFT, FRONT SUPPORT ASSY.														
INCLUDES BEARING IN 1.3165.														
3B	5136376	+ SUPPORT ASSY., 8V53 TRUNNION MOUNT						1						
3B	5136377	SUPPORT ASSY., 8V53 STATIONARY MOUNT												
3B	5136546	SUPPORT ASSY., 8V53 TRUNNION MOUNT					1						1	
3B	8921935	BOLT, 7/16"-14X1 1/8" (12.9001)			1	6	6	6					6	

1.3000A CRANKSHAFT FRONT COVER

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	8 0	8 2	8 5	8 6	8 9	9 0	9 2	9 3	9 5	1 0 4	1 1 0
		1.3164 - CRANKSHAFT, FRONT SUPPORT ASSY. (CONT'D)											
	5131913	WASHER, 13/16" (3.4001)						6					6
	103322	LOCKWASHER, 7/16" (12.9200) + OBSOLETE.				6	6						
		1.3165 - CRANKSHAFT, FRONT SUPPORT BEARING											
3B	5136097	BEARING, 6V53			1								
3B	5137479	BEARING, 8V53				1	1	1					1
		1.3170 - GASKET, CRANKSHAFT FRONT COVER											
1A	5121082	GASKET, 2,3,4-53 (UPPER)		1					1	1	1		
1B	5124055	GASKET, 6V53 (UPPER)			1						1		
1D	5116386	GASKET, 2,3,4-53 (LOWER)							1	1	1		
1D	5119368	GASKET, 6V53 (LOWER)			1						1		
	5132916	GASKET, 8V53 (OUTLINE)	1			1	1	1					1
	5132915	GASKET, 8V53 (CENTER)	1			1	1	1					1
		1.3171 - PLATE, CRANKSHAFT FRONT COVER											
	5197658	@ COVER	1			1	1	1				1	1
	179816	@ BOLT, 5/16"-18X3/4" (12.9001)	3			3	3	3				3	3
	446202	@ WASHER, 5/16" COPPER (12.9190) @ REQUIRED WITH FRONT COVER 5142043.	3			3	3	3				3	3
		1.3172 - GASKET, CRANKSHAFT FRONT COVER PLATE											
	5109496	@ GASKET (7.8040) @ REQUIRED WITH FRONT COVER 5142043.	1			1	1	1				1	1

1.3000A CRANKSHAFT FRONT COVER

PART		NAME AND DESCRIPTION		TYPES									
FIG	NUMBER			1 8	1 9	1 0	1 2 3	1 2 5	1 2 6	1 2 8	1 3 5	1 3 8	
1.3161 - COVER, ENGINE FRONT-UPPER													
AN UPPER COVER ASSY. INCLUDES PINS AND PLUGS IN 1.3161.													
4B	5109807	COVER ASSY., 6V53		1					1			1	
	5101347	COVER ASSY., 3,4-53			1	1	1	1					
	5119428	COVER ASSY., 3,4-53								1	1		
	5101391	PLUG		1									
	5150829	PLUG, 7/8" CUP (4.8001)		2					2			2	
	5157933	PIN, 5/16"X7/8" DOWEL (3.4140)		2					2			2	
	5146900	PIN, 3/8"X1 1/8" DOWEL (12.9290)			2	2	2	2		2	2		
	180078	BOLT, 5/16"-18X7/8" (12.9001)		3									
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)			9	9	9	9		9	9		
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)					4	4					
	179844	BOLT, 3/8"-16X1 5/8" (12.9001)			4	4	11		11		4	11	
	179848	BOLT, 3/8"-15 X 2 1/4" (12.9001)		12								12	
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)							11				
	103341	WASHER, 3/8" (12.9190)		23	13	13	13	13	23			23	
	5155596	WASHER, 5/16" (4.7120)		3									
	103321	LOCKWASHER, 3/8" (12.9200)		23	13	13	13	13	23	13	13	23	
1.3162 - COVER, ENGINE FRONT-LOWER													
A LOWER COVER ASSY. INCLUDES ITEMS IN 4.1690 THRU 4.1720.													
4D	5109946	COVER ASSY., 6V53		1									
4D	5197415	COVER ASSY., 3,4-53			1	1		1		1			
	5138830	COVER ASSY.							1				
	5103834	COVER ASSY.					1						
	5119426	FLANGE (5.2120)							1			1	
	5126473	GASKET (4.1520)							1			1	
	138222	SCREW, 5/16"-18X1" (12.9027)							2			2	
	8924380	PLUG, 1/8 PIPE (12.9550)			1	1	1	1		1			
	5145014	PLUG, 3/8" PIPE (12.9550)				1			1	1		1	
	5146648	PLUG, 1/2" PIPE		4					4			4	
	8923916	PLUG, 1/2" PIPE (12.9550)			7	7	7	7		7			
	5139988	PLUG, 1" CUP (1.1001)							1			1	
	5173334	PLUG, 1/2" PIPE (12.9550)		2									
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)		4					4			4	
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)			11	11	11	11		11			
	186283	BOLT, 3/8"-16X3 1/2" (12.9001)		4					4			4	
	272429	BOLT, 3/8"-16X4 1/8" (12.9001)		4					4			4	
	103341	WASHER, 3/8" (12.9190)		12					12			12	
	103320	LOCKWASHER, 5/16" (12.9200)							2			2	

1.3000A CRANKSHAFT FRONT COVER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES															
			1 8	1 9	2 0	1 2 3	1 2 5	1 2 6	1 2 8	1 3 5	1 3 8							
		1.3162 - COVER, ENGINE FRONT-LOWER (CONT'D)																
	103321	LOCKWASHER, 3/8" (12.9200)	12	11	11	11	11	12	11		12							
		1.3170 - GASKET, CRANKSHAFT FRONT COVER																
	5124055	GASKET, 6V53 (UPPER)	1					1			1							
	5121082	GASKET, 3,4-53 (UPPER)		1	1	1	1		1	1								
	5119368	GASKET, 6V53 (LOWER)	1					1			1							
	5116386	GASKET, 3,4-53 (LOWER)		1	1	1	1		1									
		1.3171 - PLATE, CRANKSHAFT FRONT COVER																
	5109517	SEAL RING, AIR HEATER BODY (7.8040)	1					1			1							
	5101391	PLUG, AIRHEATER HOLE (1.3161)	1					1			1							
	180078	BOLT, 5/16"-18X7/8" (12.9001)	3					3			3							
	5155596	WASHER, 5/16" (4.7120)	3					3			3							
		1.3172 - GASKET, CRANKSHAFT FRONT COVER PLATE																
	5109496	GASKET (7.8040)	1					1			1							

1.3000B VIBRATION DAMPER

PART		TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	6								
			6								
		1.3210 - DAMPER, VIBRATION									
5107297		+ DAMPER (HEAVY, VISCOUS)	1								
181394		BOLT, 7/16"-20X7/8" (12.9001)	6								
103322		LOCKWASHER, 7/16" (12.9200)	6								
		+ NOT SERVICED, USE 8922491.									
		1.3230 - HUB ASSY., VIBRATION DAMPER									
5179243		HUB ASSY. (INCLUDES DOWELS)	1								
5156295		DOWEL	2								
		1.3240 - CONE, VIBRATION DAMPER FRONT									
5134917		CONE	1								
		1.3250 - CONE, VIBRATION DAMPER REAR									
5132653		* CONE (1.3240)	1								
		* NOT SERVICED, USE (1) ONE EACH OF									
		5100232 BUSHING AND 5133608									
		SPACER.									

1.3000C CRANKSHAFT PULLEY

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

		TYPES										
		1 7	1 1 1	1 2 7	1 2 2	1 2 4	1 2 6	1 2 7	1 3 0	1 3 1	1 3 2	1 3 3
1.3280 - PULLEY, CRANKSHAFT												
NPN	PULLEY (CUSTOMER FURNISHED)				1							
5169905	PULLEY (9" DIA, 2 GROOVES) (ITEM 3)	1										
5116484	PULLEY (5.38" DIA., 2 GROOVES)		1									
5121196	* PULLEY (5" DIA., 1 GROOVE) (ITEM 1)			1								
5123551	+ PULLEY (5.38" DIA., 2 GROOVES) (ITEM 2)				1							
5124180	* PULLEY (5.16" DIA., 1 GROOVE) (ITEM 1)					1						
5125112	# PULLEY (5.38" DIA., 2 GROOVES, 7.50" DIA., 1 GROOVE) (ITEM 13)						1					
5127065	& PULLEY (5.38" DIA., 2 GROOVES) (ITEM 9) (SD-68)							1				
5126500	PULLEY (6.14" DIA., 2 GROOVES) (ITEM 12)								1			
5119326	PULLEY (5.38" DIA., 2 GROOVES)									1		
5125247	PULLEY (5" DIA., 1 GROOVE) (ITEM 1)										1	
5126687	PULLEY (5.38" DIA., 2 GROOVES) (ITEM 12)											1
186612	BOLT, 3/8"-16X1 3/8" (12.9001)	6										
103321	LOCKWASHER, 3/8" (12.9200)	6										
	* NOT SERVICED CONVERT TO TYPE 132.											
	+ OBSOLETE.											
	# NOT SERVICED CONVERT TO TYPE 185.											
	& NOT SERVICED USE 5128078.											
1.3290 - RETAINER, CRANKSHAFT PULLEY												
5180291	RETAINER (WASHER)		1	1	1		1	1	1	1	1	1
5124182	RETAINER					1						
8922884	DECAL (CR/SHF TORQUE SPEC.)	1	1	1	1	1	1	1	1	1	1	1
5180629	% BOLT, 3/8"-16X1 3/4" L.		1	1	1	1	1	1	1	1	1	1
271632	BOLT, 3/4"-16X1 3/4" (12.9001)		1	1	1	1	1	1	1	1	1	1
	% OPTIONAL HAS COUNTERBORE FOR HAND TACHOMETER.											
1.3295 - CONE, CRANKSHAFT PULLEY												
5119189	CONE		2		2	1	2		2		2	

1.3000C CRANKSHAFT PULLEY

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 3 7	1 3 8	1 4 0	1 4 1	1 4 3	1 5 6	1 5 8	1 6 9	1 7 1	1 7 4	1 7 7	1 7 8
1.3280 - PULLEY, CRANKSHAFT														
4F	5127065	@ PULLEY (5.38" DIA., 2 GROOVES) (ITEM 11) (SD-68)	1											
3A	5127596	+ PULLEY (5.38" DIA., 2 GROOVES)		1										
4F	5128078	PULLEY (5.38" DIA., 3 GROOVES) (ITEM 16)			1									
4F	5127043	PULLEY (6.72" DIA., 2 GROOVES) (ITEM 10)				1						1		
4F	5127023	PULLEY ASSY. (5 1/2" DIA., 2 GROOVES, 8" DIA., 4 GROOVES)(INCLUDES INSULATOR)					1							
4F	5100008	PULLEY (5.50" DIA., 2 GROOVES) (ITEM 6)						1						
3A	5108363	+ PULLEY (5.38" DIA., 2 GROOVES)							1					
4F	5109347	+ PULLEY (5.38" DIA., 2 GROOVES) (ITEM 7)								1				
4F	5109638	PULLEY (5.38" DIA., 2 GROOVES) (ITEM 11)									1			
3A	5139346	PULLEY (7 1/2" DIA., 3 GROOVES)											1	
4F	5170453	PULLEY (5.38" DIA., 2 GROOVES) (ITEM 7)												1
4F	5172771	INSULATOR ASSY. (ITEM 23)					1							
	5109943	SPACER (1.3290)										1		
	5131724	KEY, 3/8" X 1" WOODRUFF @ NOT SERVICED USE 5128078. + OBSOLETE.											2	
1.3290 - RETAINER, CRANKSHAFT PULLEY														
3A	5180291	RETAINER (WASHER)	1	1	1	1	1	1	1	1	1	1		1
3A	5157930	RETAINER (WASHER)											1	
3A	5180629	* BOLT, 3/8"-16X1 3/4"L.	1	1	1	1	1	1	1	1	1	1	1	1
	8922884	DECAL (CR/SHE TORQUE SPEC.)	1	1	1	1	1	1	1	1	1	1	1	1
3A	271632	BOLT, 3/4"-16X1 3/4" (12.9001)	1	1	1	1	1	1	1	1				
3A	223752	BOLT, 3/4"-16X2" (12.9001)									1	1		
3A	5153623	BOLT, 1"-14X2 1/4" (12.9001) * OPTIONAL HAS COUNTERBORE FOR HAND TACHOMETER.											1	
1.3295 - CONE, CRANKSHAFT PULLEY														
	5119189	CONE					2		2	2				2

1.3000C CRANKSHAFT PULLEY

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 8 0	1 8 4	1 8 5	1 8 9	1 9 2	2 0 2	2 0 3	2 0 7	2 1 0	2 1 5	2 2 3	2 2 9
		1.3280 - PULLEY, CRANKSHAFT												
		A PULLEY ASSY. INCLUDES INSULATOR IN 1.3311.												
	NPN	PULLEY (CUSTOMER FURNISHED)		1										
F	5170484	PULLEY (5.38" DIA., 4 GROOVES) (ITEM 18)		1										
F	5129995	PULLEY (5.38" DIA., 2 GROOVES, 7.50" DIA., 1 GROOVE) (ITEM 13)			1									
F	5170452	PULLEY (5.38" DIA., 2 GROOVES) (ITEM 7)				1								
F	5128152	+ PULLEY (9" DIA., 4 GROOVES) (ITEM 17)					1							
F	5131385	PULLEY (5.38" DIA., 2 GROOVES) (ITEM 7)						1						
A	5135994	PULLEY (7.5" DIA., 2 GROOVES)							1					
F	5170454	PULLEY (6.25" DIA., 2 GROOVES) (ITEM 4)								1				
F	5131935	# PULLEY (5.38" DIA., 2 GROOVES) (ITEM 8)									1			
F	5131326	& PULLEY (5.38" DIA., 2 GROOVES) (ITEM 12) (SD-44)										1		
A	5147168	PULLEY ASSY. (7.5" DIA., 3 GROOVES)											1	
A	5134386	+ PULLEY (7.5" DIA., 3 GROOVES)												1
	5170514	FLANGE (SPLINED BORE)		1										
	5131724	KEY, 3/8" X 1" WOODRUFF (12.9350)							2				2	2
		# NOT SERVICED USE 5146323 PLUS (2) 5119189 CONES.												
		& NOT SERVICED USE 5119326.												
		+ OBSOLETE.												
		1.3290 - RETAINER, CRANKSHAFT PULLEY												
A	5180291	RETAINER (WASHER)	1		1	1	1	1		1	1	1		
A	5170513	RETAINER (WASHER)		2										
A	5157930	RETAINER (WASHER)							1				1	1
	5133608	SPACER											1	
	8922884	DECAL (CR/SHE TORQUE SPEC.)	1	1	1	1	1	1	1	1	1	1	1	1
A	271632	BOLT, 3/4"-16X1 3/4" (12.9001)	1		1	1	1	1		1	1	1		
A	223752	BOLT, 3/4"-16X2" (12.9001)					1			1				
A	223761	BOLT, 3/4"-16X4 1/4" (12.9001)		1										
A	5153623	BOLT, 1"-14X2 1/4" (12.9001)							1				1	1
		1.3295 - CONE, CRANKSHAFT PULLEY												
	5119189	CONE				2		2				2		

1.3000C CRANKSHAFT PULLEY

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2 3 1	2 3 2	2 3 4	2 3 6	2 3 9	2 4 0	2 4 3	2 4 9	2 5 6	2 5 7	2 5 8	2 5 9
1.3280 - PULLEY, CRANKSHAFT														
		A PULLEY ASSY. INCLUDES INSULATOR IN 1.3311.												
	NPN	PULLEY (CUSTOMER FURNISHED)										1		
4F	5133939	% PULLEY (5.38" DIA., 2 GROOVES) (ITEM 7)	1											
3A	5131109	* PULLEY (6.25" DIA., 2 GROOVES)		1										
4F	5136421	PULLEY (7.5" DIA., 2 GROOVES, 9" DIA., 2 GROOVES) (ITEM 20)			1		1				1			1
4F	5134223	PULLEY (8 DIA., 2 GROOVES) (ITEM 5)				1								
3A	5147168	PULLEY ASSY. (7.5" DIA., 3 GROOVES)					1							
3A	5132656	PULLEY (7.5" DIA., 3 GROOVES)							1					
	5135992	PULLEY ASSY. (7.5" DIA., 5 GROOVES)								1				
	5136438	PULLEY ASSY. (7.5" DIA., 2 GROOVES)											1	
	5131724	KEY, 3/8" X 1" WOODRUFF			2		2	2	2	2	2		2	2
		* OBSOLETE.												
		% NOT SERVICED. USE 5170452 AND SD-290.												
1.3290 - RETAINER, CRANKSHAFT PULLEY														
3A	5180291	RETAINER (WASHER)	1	1		1						1		
3A	5157930	RETAINER (WASHER)			1		1	1	1	1	1		1	1
	5133608	SPACER			1					1	1			
	5135037	SPACER							1					
3B	5109215	SPACER (1.3055)											1	
3B	5129109	SPACER (1.3280)											1	
3B	5187760	SPACER (1.3275)											1	1
	8922884	DECAL (CR. SHF. TORQUE SPEC.)	1	1	1	1	1	1	1	1	1	1	1	1
3A	271632	BOLT, 3/4"-16X1 3/4" (12.9001)	1			1						1		
3A	223752	BOLT, 3/4"-16X2" (12.9001)		1										
3A	5153623	BOLT, 1"-14X2 1/4" (12.9001)			1		1	1		1	1		1	1
3A	5120016	BOLT, 1"-14 X 3 1/2"							1					
1.3295 - CONE, CRANKSHAFT PULLEY														
	5119189	CONE	2	2										
1.3310 - HUB, CRANKSHAFT PULLEY														
	5131107	HUB		1										
1.3311 - INSULATOR ASSY., CRANKSHAFT PULLEY HUB														
4F	5172771	INSULATOR (1.3280) (ITEM 23)						1		1				
4F	5145047	INSULATOR (1.3280) (ITEM 23)											1	

1.3000C CRANKSHAFT PULLEY

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		2 6 0	2 6 1	2 7 3	2 7 5	2 7 6	2 7 8	2 8 0	2 8 3	2 9 0	2 9 1	3 1 2	3 1 3
	1.3280 - PULLEY, CRANKSHAFT												
	A PULLEY ASSY. INCLUDES INSULATOR IN 1.3311.												
NPN	PULLEY (CUSTOMER FURNISHED)				1								
5136438	PULLEY ASSY. (7.50" DIA., 2 GROOVES)	1											
5147168	PULLEY ASSY. (7.50" DIA., 3 GROOVES)		1										
5135992	PULLEY ASSY. (7.50" DIA., 5 GROOVES)			1									
5137477	PULLEY ASSY. (5.38" DIA., 2 GROOVES) (ITEM 7)					1							
5138171	PULLEY ASSY. (5.38" DIA., 2 GROOVES) (ITEM 12)						1						
5139346	PULLEY (7.50" DIA., 3 GROOVES)							1	1			1	
5138715	+ PULLEY ASSY. (5.38" DIA., 2 GROOVES) (ITEM 12)									1			
5139663	PULLEY ASSY. (6.88" DIA., 12 POLY- VEE GROOVES) (ITEM 22)										1		
5143288	* PULLEY ASSY. (7.50" DIA., 5 GROOVES)				1								1
5136388	* FLANGE (2.88" B.C.)												
5131724	KEY, 3/8"X1 1/4" WOODRUFF (12.9350)	2	2	2				2	2			2	
	* OBSOLETE.												
	+ NOT SERVICED, USE 5126687 PULLEY, 5103073 SPACER AND 4-179816 BOLTS.												
	1.3290 - RETAINER, CRANKSHAFT PULLEY												
5157930	RETAINER (WASHER)	1	1	1				1	1			1	
5180291	RETAINER (WASHER)				1	1	1			1	1		1
5187760	SPACER (1.3275)		1	1					1				
271632	BOLT, 3/4"-16X1 3/4" (12.9001)				1	1				1			
5180629	BOLT, 3/4"-16X1 3/4" (12.9001)												1
223753	BOLT, 3/4"-16X2 1/4" (12.9001)										1		
5153623	BOLT, 1"-14X2 1/4" (12.9001)	1	1	1				1				1	
5160266	BOLT, 1"-14X2 3/4" (12.9001)								1				
	1.3295 - CONE, CRANKSHAFT PULLEY												
5119189	CONE				2	2	2			2			
	1.3311 - INSULATOR ASSY., CRANKSHAFT PULLEY HUB												
5145047	INSULATOR (ITEM 23) (1.3280)	1						1	1				1
5172771	INSULATOR (ITEM 23) (1.3280)		1										

1.3000C CRANKSHAFT PULLEY

PART			TYPES									
..FIG	NUMBER	NAME AND DESCRIPTION	3 1 6	3 1 7	3 2 1	3 2 2	3 3 6	3 6 9	3 7 9	3 8 0	3 8 1	4 0 7
		1.3280 - PULLEY, CRANKSHAFT										
		A PULLEY ASSY. INCLUDES INSULATOR IN 1.3311.										
	NPN	PULLEY (CUSTOMER FURNISHED)		1	1							
4F	5142222	PULLEY (5.38" DIA., 2 GROOVES) (SPLINED) (ITEM 7)	1									
4F	5143901	PULLEY (5.38" DIA., 2 GROOVES; 7.75" DIA., 1 GROOVE) (ITEM 15)				1						
4F	5144806	PULLEY (7.75" DIA., 1 GROOVE; 5.38" DIA., 2 GROOVES) (ITEM 14)					1					
	5106817	PULLEY (7.86" DIA., 4 GROOVES)						1				
4F	8926787	PULLEY, DAMPER (5.50" DIA., 2 GROOVES) (ITEM 8)							1			
4F	8926388	PULLEY (5.38" DIA., 4 GROOVES) (ITEM 11)								1		
		1.3290 - RETAINER, CRANKSHAFT PULLEY										
3A	5180291	RETAINER (WASHER)				1	1	1	1	1		1
	5170513	RETAINER (FLANGE)	2									
	5130480	SPACER		1								
	5138786	SPACER (1.3055)										1
	9409231	BOLT, 3/8"-16 X 1-1/2" (12.9001)						10				
	9430221	BOLT, 3/8"-24 X 4-3/4" (1.2080)						2				
	9412018	BOLT, 1/2"-20 X 2-1/4" (1.4001)						4				
3A	271632	BOLT, 3/4"-16X1 3/4" (12.9001)					1		1			
	223752	BOLT, 3/4"-16X2" (12.9001)						1		1		1
3A	223753	BOLT, 3/4"-16X2 1/4" (12.9001)				1						
	223761	BOLT, 3/4"-16X4 1/4" (12.9001)	1									
	5130479	BOLT, 1"-14 X 1.840"		1								
	23014462	KIT, 6 PCS. 3/8"-24 HEX. CONE LOCKNUT (9.4002)						2				
		1.3295 - CONE, CRANKSHAFT PULLEY										
	5119189	CONE					2	2			2	2
		1.3310 - HUB, CRANKSHAFT PULLEY										
	5131107	HUB			1							
	23500432	HUB, FLANGED										1
		1.3311 - INSULATOR ASSY., CRANKSHAFT PULLEY HUB										
	5172771	INSULATOR (ITEM 23) (1.3280)			1							

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

[illegible]

SIZES GIVEN ARE EFFECTIVE LENGTH AT WIDTH SHOWN. ALL BELTS ARE "PREMIUM" POLYESTER BELTS, UNLESS INDICATED (M.S.) "MILITARY STANDARD".

QA	5139026	BELT SET (2 BELTS) (42.00"L., .500"W.)
QA	5137300	BELT SET (2 BELTS) (39.00"L., .500"W.)
QA	5126763	BELT SET (2 BELTS) (40.00"L., .500"W.)
OC	9433645	BELT (47.50"L., .380"W.)
QA	5132591	BELT SET (2 BELTS) (46.00"L., .380"W.)
		(7.1575)
OC	9433624	BELT (37.00"L., .380"W.)
QA	5126447	BELT SET (2 BELTS) (35.00"L., .500"W.)
QA	5136272	BELT SET (2 BELTS) (52.00"L., .500"W.)
QA	5126764	BELT SET (2 BELTS) (44.80"L., .500"W.)
QA	5134212	BELT SET (2 BELTS) (48.00"L., .500"W.)
QA	5126761	BELT SET (2 BELTS) (43.76"L., .500"W.)

TYPES	
90	1
91	1
92	1
95	1
101	1
102	1
110	1
111	1
112	1
113	1
114	1
115	1

1.3000D CRANKSHAFT PULLEY BELT

PART			TYPES											
..FIG	.. NUMBER	NAME AND DESCRIPTION	1 1 6	1 1 7	1 1 8	1 2 1	1 2 2	1 2 3	1 2 6	1 2 7	1 3 2	1 3 4	1 3 7	1 3 9
1.3320 - BELT, CRANKSHAFT PULLEY DRIVE														
SIZES GIVEN ARE EFFECTIVE LENGTH AT WIDTH SHOWN. ALL BELTS ARE "PREMIUM" POLYESTER BELTS, UNLESS INDICATED (M.S.) "MILITARY STANDARD".														
10A	5126768	BELT SET (2 BELTS) (50.50"L., .500"W.)	1											
10A	5172384	BELT SET (2 BELTS) (47.00"L., .500"W.)		1	1				1					
10A	5126763	BELT SET (2 BELTS) (40.00"L., .500"W.)				1								
10A	5126760	BELT SET (2 BELTS) (41.50"L., .500"W.)					1							
10A	5126764	BELT SET (2 BELTS) (44.80"L., .500"W.)						1						
10A	5137637	BELT SET (2 BELTS) (53.00"L., .500"W.)								1				
10A	5128581	BELT SET (2 BELTS) (54.76"L., .500"W.)									1			
10C	5133517	BELT (39.00" L.) (7.1575)										1		
10A	5126771	BELT SET (2 BELTS) (49.00"L., .500"W.)											1	
10A	5135655	BELT SET (2 BELTS) (58.00"L., .500"W.)												1

1.3000D CRANKSHAFT PULLEY BELT

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 4 0	1 4 1	1 4 2	1 4 3	1 4 4	1 4 5	1 4 6	1 4 7	1 5 1	1 5 4	1 5 5	1 5 6
1.3320 - BELT, CRANKSHAFT PULLEY DRIVE														
SIZES GIVEN ARE EFFECTIVE LENGTH AT WIDTH SHOWN. ALL BELTS ARE "PREMIUM" POLYESTER BELTS, UNLESS INDICATED (M.S.) "MILITARY STANDARD".														
10A	5126758	BELT SET (2 BELTS) (33.00"L., .500"W.)	1											
10A	5140927	BELT SET (2 BELTS) (28.00"L., .500"W.)		1										
10A	5128580	BELT SET (2 BELTS) (51.24"L., .500"W.)			1									
10A	5128585	BELT SET (2 BELTS) (61.44"L., .500"W.)				1								
10A	5141154	BELT SET (2 BELTS) (50.00"L., .500"W.)					1							
10A	5126759	BELT SET (2 BELTS) (36.50"L., .500"W.)						1						
10A	5139212	BELT SET (2 BELTS) (59.00"L., .500"W.)							1					
10A	5135883	BELT SET (2 BELTS) (62.50"L., .500"W.)								1				
10A	5125514	BELT SET (2 BELTS) (44.18"L., .380"W.) (5.1215)									1			
10A	5100367	BELT SET (2 BELTS) (40.00"L., .500"W.) (M.S.)										1		
10A	5136270	BELT SET (2 BELTS) (56.00"L., .500"W.)											1	
10A	5135655	BELT SET (2 BELTS) (57.50"L., .500"W.)												1

1.3000D CRANKSHAFT PULLEY BELT

PART		TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	1 5 9	1 6 0	1 6 1	1 6 4	1 6 9	1 7 1	1 7 6	1 7 7	1 7 8	1 7 9	1 8 0	1 8 3	1 8 5
1.3320 - BELT, CRANKSHAFT PULLEY DRIVE															
SIZES GIVEN ARE EFFECTIVE LENGTH AT WIDTH SHOWN. ALL BELTS ARE "PREMIUM" POLYESTER BELTS, UNLESS INDICATED (M.S.) "MILITARY STANDARD".															
	3813277	* BELT SET (2 BELTS)	1												
10A	5136269	BELT SET (2 BELTS) (60.00"L., 500"W.)		1											
10A	5172384	BELT SET (2 BELTS) (47.00"L., 500"W.)			1										
10A	5136271	BELT SET (2 BELTS) (54.00"L., 500"W.)				1									
10A	5135882	BELT SET (2 BELTS) (57.00"L., 500"W.) (7.1575)					1								
10A	5130933	BELT SET (2 BELTS) (54.00"L., 500"W.) (M.S.)						1							
10A	5131395	BELT SET (2 BELTS) (41.00"L., 500"W.)							1						
10A	5126771	BELT SET (2 BELTS) (49.00"L., 500"W.)								1					
10A	5136264	BELT SET (2 BELTS) (70.00"L., 500"W.)									1				
10A	5135884	BELT SET (2 BELTS) (44.00"L., 500"W.)										1			
10A	5136268	BELT SET (2 BELTS) (61.00"L., 500"W.)											1		
10A	5146723	BELT SET (2 BELTS) (45.00"L., 500"W.)												1	
10A	5136273	BELT SET (2 BELTS) (51.00"L., 500"W.)													1
* PROCURE FROM GMPD.															

1.3000D CRANKSHAFT PULLEY BELT

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 8 7	1 8 8	1 8 9	1 9 0	1 9 1	1 9 2	1 9 3	1 9 4	1 9 5	1 9 6	1 9 7	1 9 8
1.3320 - BELT, CRANKSHAFT PULLEY DRIVE														
SIZES GIVEN ARE EFFECTIVE LENGTH AT WIDTH SHOWN. ALL BELTS ARE "PREMIUM" POLYESTER BELTS, UNLESS INDICATED (M.S.) "MILITARY STANDARD".														
0A	5134212	BELT SET (2 BELTS) (48.00"L., .500"W.)	1											
0A	5130524	BELT SET (2 BELTS) (40.50"L., .500"W.)		1										
0A	5131363	BELT SET (2 BELTS) (55.25"L., .500"W.)			1									
0A	5130529	BELT SET (2 BELTS) (45.50"L., .500"W.)				1								
0A	5139026	BELT SET (2 BELTS) (42.00"L., .500"W.)					1							
0A	5136267	BELT SET (2 BELTS) (64.00"L., .500"W.)						1						
0A	5132386	BELT SET (2 BELTS) (30.00"L., .500"W.)							1					
0A	5173880	BELT SET (2 BELTS) (32.00"L., .500"W.)								1				
0A	5130528	BELT SET (2 BELTS) (45.14"L., .500"W.)									1			
0A	5130526	BELT SET (2 BELTS) (43.00"L., .500"W.)										1		
0A	5136265	BELT SET (2 BELTS) (69.00"L., .500"W.)											1	
0A	5133198	BELT SET (2 BELTS) (29.00"L., .500"W.)												1

1.3000D CRANKSHAFT PULLEY BELT

PART		TYPES														
FIG	NUMBER	NAME AND DESCRIPTION	1 9 9	2 0 0	2 0 1	2 0 2	2 2 0	2 2 4	2 2 5	2 2 7	2 2 9	2 3 7	2 4 0	2 4 2	2 4 4	2 4 5
1.3320 - BELT, CRANKSHAFT PULLEY DRIVE																
SIZES GIVEN ARE EFFECTIVE LENGTH AT WIDTH SHOWN. ALL BELTS ARE "PREMIUM" POLYESTER BELTS, UNLESS INDICATED (M.S.) "MILITARY STANDARD".																
10A	5133319	BELT SET (2 BELTS) (48.00"L., .500"W.) (M.S.)	1													
10A	5130523	BELT SET (2 BELTS) (39.38"L., .500"W.)		1												
10A	5135299	BELT SET (2 BELTS) (36.00"L., .500"W.) (7.1575)			1											
10A	5136266	BELT SET (2 BELTS) (68.00"L., .500"W.)				1										
10A	5135883	BELT SET (2 BELTS) (63.00"L., .500"W.)					1									
10A	5135298	BELT SET (2 BELTS) (31.00"L., .500"W.) (7.1575)						1								
10A	5135655	BELT SET (2 BELTS) (58.00"L., .500"W.)							1							
10A	5134742	BELT SET (2 BELTS) (41.00"L., .380"W.) (M.S.) (7.1575)								1						
10A	5137457	BELT SET (2 BELTS) (41.00"L., .500"W.) (M.S.)									1					
10A	5135882	BELT SET (2 BELTS) (57.00"L., .500"W.)										1				
10A	5135942	BELT SET (2 BELTS) (55.00"L., .500"W.)											1			
10A	5135880	BELT SET (2 BELTS) (37.00"L., .500"W.) (7.1575)													1	
10A	5137300	BELT SET (2 BELTS) (39.00"L., .500"W.) (M.S.)														1
10A	5139026	BELT SET (2 BELTS) (42.00"L., .500"W.)														1

1.3000D CRANKSHAFT PULLEY BELT

PART			TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	2 4 6	2 4 7	2 5 1	2 5 4	2 5 5	2 5 6	2 5 8	2 6 0	2 6 1	2 7 1	2 7 6	2 7 8	2 7 9	3 6 6
1.3320 - BELT, CRANKSHAFT PULLEY DRIVE																
SIZES GIVEN ARE EFFECTIVE LENGTH AT WIDTH SHOWN. ALL BELTS ARE "PREMIUM" POLYESTER BELTS, UNLESS INDICATED (M.S.) "MILITARY STANDARD".																
10A	5139212	BELT SET (2 BELTS) (59.00"L., .500"W.)	1													
10A	5140186	BELT (50.00"L., 1.28"W.) (POLY-VEE)		1												
10A	5135884	BELT SET (2 BELTS) (44.00"L., .500"W.) (7.1575)			1											
10A	5141154	BELT SET (2 BELTS) (50.00"L., .500"W.)				1										
10A	5135880	BELT SET (2 BELTS) (37.00"L., .500"W.) (7.1575)					1									
10A	5137108	BELT SET (2 BELTS) (46.00"L., .500"W.) (M.S.)						1								
10A	5140747	BELT SET (3 BELTS) (67.00" L., .500" W.)							1							
10A	5121340	BELT SET (2 BELTS) (50.00"L., .500"W.) (M.S.) (12.4045)								1						
10A	5142322	BELT SET (2 BELTS) (44.00" L., .500" W.) (M.S.)									1					
10A	5144726	BELT SET (2 BELTS) (46.00"L., .500" W.)										1				
10A	5146723	BELT SET (2 BELTS) (45.00"L., .500"W.)											1			
10A	5143240	BELT SET (2 BELTS) (34.00"L., .500"W.)												1		
10A	5147900	BELT SET (2 BELTS) (45.00"L., .500"W.) (M.S.)													1	
10A	5104790	BELT SET (2 BELTS) (40.00" L., .500" W.)														1

1.4000A FLYWHEEL

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	8 6	9 3	2 3 9	2 9 3	2 9 4	2 9 6	2 9 7	3 0 0	3 0 5	3 1 9	3 2 0	3 2 1
1.4001 - FLYWHEEL ASSY.														
FOR TYPE 306 USE TYPE 378. INCLUDES GEAR IN 1.4010. "C" INDICATES A CHAMFERED ASSY., "NC" IS NON-CHAMFERED.														
5A	5145500	FLYWHEEL ASSY. (SAE #2) (C)	1											
5A	5177025	FLYWHEEL ASSY. (SAE #2) (NC)		1										
5A	3229333	FLYWHEEL ASSY. (SAE #1) (NC)			1									
5B	5121592	FLYWHEEL ASSY. (SAE #2) (NC)				1								
5A	5121047	FLYWHEEL ASSY. (SAE #3) (NC)					1							
5A	5116304	FLYWHEEL ASSY. (SAE #4) (NC)						1			1			
5A	5119213	FLYWHEEL ASSY. (SAE #4) (NC)							1					
5A	5116305	FLYWHEEL ASSY. (SAE #3) (NC)								1				
5B	5124362	* FLYWHEEL ASSY. (SAE #2) (5138586) (NC)										1		
5A	5124263	FLYWHEEL ASSY. (SAE #4) (NC)											1	
5A	5124264	+ FLYWHEEL ASSY. (SAE #4) (NC)												1
5A,B	5120753	PLATE, SCUFF (BOLT RETAINER)	1	1	1							1		
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)					1		1	1	1	1	1	1
5A,B	5143270	PLATE, SCUFF (BOLT RETAINER)						1						
5A,B	9409129	BOLT, LOCK (1 3/4" L.) (12.9001)												6
5A,B	9410925	BOLT, LOCK (2 1/4" L.) (12.9001)			6	6								
5A,B	9412018	BOLT, LOCK (2 1/4" L.)					6	6	6	6	6			6
5A,B	9410215	BOLT, LOCK (2 1/2" L.) (12.9001)		6										
5A,B	9411631	BOLT, LOCK (2 3/4" L.) (12.9001)										6		
5A,B	9409606	BOLT, LOCK (2 7/8" L.) (12.9001)		6										
5A,B	9412020	BOLT, LOCK (3" L.)											6	
* NOT SERVICED; USE ASSY. SHOWN IN PARENTHESES.														
+ OBSOLETE.														
1.4010 - GEAR, FLYWHEEL RING														
5A,B	5110894	GEAR (SAE #2-102 TEETH)	1											
5A,B	5188030	GEAR (SAE #2-102 TEETH)		1		1						1		
	5112743	GEAR (SAE #1-118 TEETH)			1									
5A,B	5116301	GEAR (SAE #3-126 TEETH)					1			1				
5A,B	5116289	GEAR (SAE #4-111 TEETH)						1	1		1		1	1
1.4040 - BEARING, CLUTCH PILOT														
FOR CLUTCH PILOT BEARINGS NOT LISTED HERE, REFER TO 8.1450.														
5A	907302	BEARING (N.D. Z99605X1978)	1											
5A	954421	% BEARING (N.D. 7605L1C)		1										
5A	906986	BEARING (N.D. Z99506PLR1C)				1		1	1					
% NOT SERVICED, USE 907302.														

1.4000A FLYWHEEL

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

1.4045 - RETAINER, CLUTCH PILOT BEARING

5109008 RETAINER (PRESSED IN CRANKSHAFT)
(1.4001)

TYPES

86	
93	
239	1
293	
294	
296	
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1.4000A FLYWHEEL

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 2 4	3 2 5	3 2 6	3 2 7	3 2 8	3 2 9	3 3 0	3 3 1	3 3 2	3 3 3	3 3 4	3 3 6
		1.4001 - FLYWHEEL ASSY.												
		INCLUDES GEAR IN 1.4010.												
		"C" INDICATES A CHAMFERED ASSY..												
		"NC" IS NON-CHAMFERED.												
5A	5119418	FLYWHEEL ASSY. (SAE #4) (NC)	1											
5A,B	5119225	FLYWHEEL ASSY. (SAE #3) (NC)		1										
5A	5119227	FLYWHEEL ASSY. (SAE #3) (NC)			1									
5A,B	5119495	FLYWHEEL ASSY. (SAE #3) (NC)				1								
5A,B	5119375	FLYWHEEL ASSY. (SAE #3) (NC)					1							
5A,B	5124929	FLYWHEEL ASSY. (SAE #3) (NC)						1						1
5A	5116359	= FLYWHEEL ASSY. (SAE #3) (NC)(SD-141)							1					
5A	5122954	FLYWHEEL ASSY. (SAE #2) (NC)								1				
5A	5119306	* FLYWHEEL ASSY. (SAE #3) (NC)									1			
5A	5119316	* FLYWHEEL ASSY. (SAE #3) (NC)										1		
5A	5124627	FLYWHEEL ASSY. (SAE #3) (NC)											1	
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)		1	1	1	1	1		1	1	1	1	1
5A,B	9409129	BOLT, LOCK (1 3/4"L.) (12.9001)							6					
5A,B	9409512	BOLT, LOCK (2"L.)											6	
5A,B	9412018	BOLT, LOCK (2 1/4" L.)	6	6	6	6	6	6		6	6	6		6
		* OBSOLETE												
		= NOT SERVICED, USE 5149152 AND 5116301.												
		1.4010 - GEAR, FLYWHEEL RING												
5A,B	5116301	GEAR (SAE #3-126 TEETH)		1	1	1	1	1	1		1	1	1	1
5A,B	5116289	GEAR (SAE #4-111 TEETH)	1											
5A,B	5116302	GEAR (SAE #2-138 TEETH)								1				

1.4000A FLYWHEEL

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 4 0	3 4 6	3 4 7	3 4 8	3 4 9	3 5 0	3 5 6	3 5 7	3 6 0	3 6 2	3 6 3	3 6 4
1.4001 - FLYWHEEL ASSY.														
INCLUDES GEAR IN 1.4010.														
"C" INDICATES A CHAMFERED ASSY.														
"NC" IS NON-CHAMFERED.														
5A,B	5124805	* FLYWHEEL ASSY. (SAE #2) (5138224) (NC)	1											
5A	5119184	FLYWHEEL ASSY. (SAE #2) (NC)		1										
5A,B	5125577	FLYWHEEL ASSY. (SAE #2) (NC)			1									
5A	5124473	+ FLYWHEEL ASSY. (SAE #2) (NC)				1								
5A	5125195	FLYWHEEL ASSY. (SAE #3) (NC)					1							
5B	5125346	FLYWHEEL ASSY. (SAE #3) (NC)						1						
5A	5126192	+ FLYWHEEL ASSY. (SAE #4) (NC)							1					
5B	5123831	FLYWHEEL ASSY. (SAE #2) (NC)								1				
5A	5103818	+ FLYWHEEL ASSY. (SAE #3) (NC)									1			
5A	5126527	FLYWHEEL ASSY. (SAE #3) (NC)										1		
5A	5126865	# FLYWHEEL ASSY. (SAE #4) (NC)											1	
5A	5126191	+ FLYWHEEL ASSY. (SAE #2) (NC)												1
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1		1	1	1		1	1	1	1
5A,B	5120753	PLATE, SCUFF (BOLT RETAINER)								1				
5A,B	9409129	BOLT, LOCK (1 3/4" L) (12.9001)						6					6	
5A,B	9412018	BOLT, LOCK (2 1/4" L)	6	6	6	6	6		6		6			6
5A,B	9412015	BOLT, LOCK (2 1/2" L)								6				
5A,B	9412019	BOLT, LOCK (2 5/8" L)										6		
* NOT SERVICED; USE ASSY. SHOWN IN PARENTHESES.														
+ OBSOLETE														
# NOT SERVICED; USE 5125756 PLUS SD-114.														
1.4010 - GEAR, FLYWHEEL RING														
5A,B	5116302	GEAR (SAE #2-138 TEETH)	1	1	1	1								1
5A,B	5116301	GEAR (SAE #3-126 TEETH)					1	1			1	1		
5A,B	5116289	GEAR (SAE #4-111 TEETH)							1				1	
5A,B	5188030	GEAR (SAE #2-102 TEETH)								1				
1.4040 - BEARING, CLUTCH PILOT														
FOR CLUTCH PILOT BEARINGS NOT LISTED HERE, REFER TO 8.1450.														
5A	906986	BEARING (N.D. Z99506PLR1C)		1										
5A	907594	BEARING (N.D. Z99606X1C)								1				

1.4000A FLYWHEEL

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES									
			3 6 5	3 7 2	3 7 4	3 7 5	3 7 6	3 7 7	3 7 8	3 8 4	3 8 5	3 8 8
		1.4001 - FLYWHEEL ASSY.										
		INCLUDES GEAR IN 1.4010.										
		"C" INDICATES A CHAMFERED ASSY.,										
		"NC" IS NON-CHAMFERED.										
5A	5126587	FLYWHEEL ASSY. (SAE #3) (NC)	1									
5A	5126414	% FLYWHEEL ASSY. (SAE #2) (NC) (5138224)		1								
5A	5127253	FLYWHEEL ASSY. (SAE #4) (NC)			1							
5A,B	5127040	FLYWHEEL ASSY. (SAE #2) (NC)				1						
5B	5109231	FLYWHEEL ASSY. (SAE #2) (NC)					1					
5A	5125960	FLYWHEEL ASSY. (SAE #3) (NC)						1				
5A	5125756	FLYWHEEL ASSY. (SAE #4) (NC)							1			
5A	5127468	+ FLYWHEEL ASSY. (SAE #4) (NC)								1		
5A	5127302	= FLYWHEEL ASSY. (SAE #3) (NC)									1	
5A,B	5119185	FLYWHEEL ASSY. (SAE #2) (NC)										1
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1	1	1		1	1	1	1
5A,B	5143270	PLATE, SCUFF (BOLT RETAINER)						1				
5A,B	9409129	BOLT, LOCK (1 3/4" L) (12.9001)							6			
5A,B	9409512	BOLT, LOCK (2" L)				6	6					
5A,B	9412018	BOLT, LOCK (2 1/4" L)	6	6	6						6	6
5A,B	9412020	BOLT, LOCK (3" L)								6		
5A,B	9415174	BOLT, LOCK (3 1/2" L)						6				
		+ OBSOLETE.										
		% NOT SERVICED; USE ASSY. SHOWN IN PARENTHESES.										
		= NOT SERVICED; EXPERIMENTAL PART ONLY.										
		1.4010 - GEAR, FLYWHEEL RING										
5A,B	5116302	GEAR (SAE #2 - 138 TEETH)		1		1	1					1
5A,B	5116301	GEAR (SAE #3 - 126 TEETH)	1					1			1	
5A,B	5116289	GEAR (SAE #4 - 111 TEETH)			1				1	1		
		1.4040 - BEARING, CLUTCH PILOT										
		FOR CLUTCH PILOT BEARINGS NOT LISTED HERE, REFER TO 8.1450.										
5A	907302	BEARING (N.D. 99605X1978)				1						
5A	954293	BEARING (N.D. 77502X1C)						1				

1.4000A FLYWHEEL

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	401	402	407	408	411	412	416	425	437	441	443	444
1.4001 - FLYWHEEL ASSY.														
INCLUDES GEAR IN 1.4010.														
"C" INDICATES A CHAMFERED ASSY.														
"NC" IS NON-CHAMFERED.														
SA	5128082	FLYWHEEL ASSY. (SAE #2) (NC)	1											
SA	5127017	* FLYWHEEL ASSY. (SAE #3) (NC)		1										
SA	5125195	FLYWHEEL ASSY. (SAE #3) (NC)			1									
SA	5129196	FLYWHEEL ASSY. (SAE #3) (NC)				1								
SB	5129275	FLYWHEEL ASSY. (SAE #2) (NC)					1							
SA	5129521	@ FLYWHEEL ASSY. (SAE #2) (NC) (SD-87)						1						
SA	5129356	FLYWHEEL ASSY. (SAE #2) (NC)							1					
	5127241	FLYWHEEL (POWER TAKE-OFF) (8.1009)								1				
SA	5147092	FLYWHEEL ASSY. (SAE #3) (NC)									1			
SA	5119213	FLYWHEEL ASSY. (SAE #4) (NC)										1		
SA	5108557	FLYWHEEL ASSY. (SAE #4) (NC)											1	
SA,B	5108514	FLYWHEEL ASSY. (SAE #3) (NC)												1
SA,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1		1	1	1			1	1	1
SA,B	5127252	+ PLATE, SCUFF (BOLT RETAINER)								1				
SA,B	5143270	PLATE, SCUFF (BOLT RETAINER)									1			
SA,B	9415527	BOLT, LOCK (1 3/8" L.) (8.1009)								4				
SA,B	9409129	BOLT, LOCK (1 3/4" L.) (12.9001)			6									
SA,B	9409512	BOLT, LOCK (2" L.)						6						
SA,B	9412018	BOLT, LOCK (2 1/4" L.)	6		6		6		6			6	6	6
SA,B	9412019	BOLT, LOCK (2 5/8" L.)				6								
SA,B	9415174	BOLT, LOCK (3 1/2" L.)									6			
* ALSO INCLUDES BUSHING IN 1.4040.														
@ NOT SERVICED: USE 5109231 PLUS														
1-954410 BEARING.														
+ OBSOLETE														
1.4010 - GEAR, FLYWHEEL RING														
SA,B	5116302	GEAR (SAE #2 - 138 TEETH)	1				1	1	1					
SA,B	5116301	GEAR (SAE #3 - 126 TEETH)		1	1	1					1			1
SA,B	5116289	GEAR (SAE #4 - 111 TEETH)										1	1	
1.4040 - BEARING, CLUTCH PILOT														
FOR CLUTCH PILOT BEARING NOT LISTED														
HERE, REFER TO 8.1450.														
A	907302	BEARING (N.D. Z99605X1978)			1									
A	904983	BEARING (N.D. Z99505X1C)						1			1			
	5126667	BUSHING		1										

1.4000A FLYWHEEL

			TYPES										
FIG	PART NUMBER	NAME AND DESCRIPTION	445	448	449	451	453	454	458	459	460	463	466
	1.4001 - FLYWHEEL ASSY.												
		FOR TYPE 447 USE TYPE 347.											
		INCLUDES GEAR IN 1.4010.											
		"C" INDICATES A CHAMFERED ASSY.,											
		"NC" IS NON-CHAMFERED.											
5B	5100173	FLYWHEEL ASSY. (SAE #1) (NC)	1										
5B	5109023	FLYWHEEL ASSY. (SAE #3) (C)		1									
5B	5109042	= FLYWHEEL ASSY. (SAE #1) (C) (SD-146)			1								
5A	5109238	FLYWHEEL ASSY. (SAE #3) (NC)				1							
5A	5109299	FLYWHEEL ASSY. (SAE #2) (NC)					1						
5A	5109029	+ FLYWHEEL ASSY. (SAE #3) (NC)						1					
5B	5109429	FLYWHEEL ASSY. (SAE #2) (NC)							1				
5A	5109436	+ FLYWHEEL ASSY. (SAE #2) (NC)								1			
5B	5109231	FLYWHEEL ASSY. (SAE #2) (NC)									1		
5B	5109628	* FLYWHEEL ASSY. (SAE #3) (NC)										1	
5A	5109405	# FLYWHEEL ASSY. (SAE #1) (NC)(SD-197)											1
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1	1	1	1	1	1	1	1	1
5A,B	9409129	BOLT, LOCK 1/2"-20X1 3/4" (12.9001)		6								6	
5A,B	9409512	BOLT, 1/2"-20X2"							6	6	6		
5A,B	9412018	BOLT, 1/2"-20X2 1/4"	6		6	6		6					6
		+ OBSOLETE, NO REPLACEMENT.											
		* NOT SERVICED; FOR SERVICE USE											
		1-5109023 FOR MODEL 5062-3000 OR											
		1-5130544 FOR MODEL 5062-7000.											
		= NOT SERVICED, USE (1) 5149152, (1)											
		5116302 AND SD-146.											
		# NOT SERVICED, USE FLYWHEEL BLANK											
		5149205 AND RING GEAR 5116302											
		AND SD-197.											
	1.4010 - GEAR, FLYWHEEL RING												
5A,B	5116302	GEAR (SAE #2 - 138 TEETH)	1		1		1	1	1	1	1		1
5A,B	5116301	GEAR (SAE #3 - 126 TEETH)				1							
5A,B	5109022	GEAR (SAE #3 - 93 TEETH) (L.H. BENDIX CHAMFER)		1								1	

1.4000A FLYWHEEL

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	471	475	476	480	481	482	483	489	493	496	499	503
1.4001 - FLYWHEEL ASSY.														
INCLUDES GEAR IN 1.4010.														
"C" INDICATES A CHAMFERED ASSY.														
"NC" IS NON-CHAMFERED.														
5B	5109460	- FLYWHEEL ASSY. (SAE #2) (NC)(SD-196)	1											
5A	5162720	# FLYWHEEL ASSY. (SAE #3) (NC)		1										
5A	5109989	FLYWHEEL ASSY. (SAE #3) (NC)			1									
5B	5109821	= FLYWHEEL ASSY. (SAE #3) (NC)(SD-236)				1								
5A,B	5170517	FLYWHEEL ASSY. (SAE #3) (NC)					1							
5B	5162984	FLYWHEEL ASSY. (SAE #2) (NC)						1						
5B	5109973	FLYWHEEL ASSY. (SAE #2) (NC)							1					
5A	5179194	# FLYWHEEL ASSY. (SAE #3) (NC)								1				
5A	5136522	FLYWHEEL ASSY. (SAE #3) (C)									1			
5B	5109028	FLYWHEEL ASSY. (SAE #2) (NC)										1		
5A	5130802	= FLYWHEEL ASSY. (SAE #3) (NC)(SD-235)											1	
5A	5179301	= FLYWHEEL ASSY. (SAE #3) (NC)(SD-234)												1
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1	1	1	1	1	1	1	1	1	
	9409129	BOLT, LOCK (1 3/4" L.) (12.9001)									6			
5A,B	9409512	BOLT, LOCK (2" L.)						6	6					
5A,B	9412018	BOLT, LOCK (2 1/4" L.)	6		6	6						6	6	6
5A,B	9412020	BOLT, LOCK (3" L.)		6										
5A,B	9415174	BOLT, LOCK (3 1/2" L.)								6				
5A,B	9409213	BOLT, LOCK (4" L.)					6							
# OBSOLETE.														
= NOT SERVICED, USE 5149203 AND 5116301.														
+ NOT SERVICED, USE 5149205 AND 5116302.														
1.4010 - GEAR, FLYWHEEL RING														
5A,B	5116302	GEAR (SAE #2 - 138 TEETH)	1					1	1					
5A,B	5116301	GEAR (SAE #3 - 126 TEETH)		1	1	1	1			1		1	1	1
	5136556	GEAR (SAE #3 - 126 TEETH)									1			
1.4075 - DISC, FLYWHEEL FLEXIBLE COUPLING														
	5122072	DISC					1							
	5136910	DISC									1			
	5170518	DISC					3							
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)									8			
	6836873	PACKAGE, 3/8"-24 HEX. CONE LOCK NUT (6 NUTS PER PKG.) (9.4002)					1							

1.4000A FLYWHEEL

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	505	507	510	512	513	515	516	517	526	527	530	532
1.4001 - FLYWHEEL ASSY.														
INCLUDES GEAR IN 1.4010.														
"C" INDICATES A CHAMFERED ASSY.,														
"NC" IS NON-CHAMFERED.														
5A	5130549	= FLYWHEEL ASSY. (SAE #3) (NC)(SD-149)	1											
5B	5109231	FLYWHEEL ASSY. (SAE #2) (NC)		1										
5A	5131386	FLYWHEEL ASSY. (SAE #4) (NC)			1									
5A	5131588	FLYWHEEL ASSY. (SAE #4) (NC)				1								
5B	5131635	# FLYWHEEL ASSY. (SAE #2) (NC)(SD-145)					1							
5B	5131810	+ FLYWHEEL ASSY. (SAE #2) (NC)						1						
5B	5131816	+ FLYWHEEL ASSY. (SAE #2) (NC)							1					
5B	5131382	+ FLYWHEEL ASSY. (SAE #2) (NC)								1				
5A	5197849	FLYWHEEL ASSY. (SAE #3) (INCLUDES PIN) (NC)									1			
5A	5132807	FLYWHEEL ASSY. (SAE #3) (NC)										1		
5A	5131322	+ FLYWHEEL ASSY. (SAE #3) (NC)											1	
5B	5129114	* FLYWHEEL ASSY. (SAE #3) (NC)												1
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1	1	1	1	1	1		1	1	1
	456360	PIN, 3/16"X3/8" ROLL (12.9275)									6			
	9409129	BOLT, LOCK (1 3/4" L) (12.9001)												1
5A,B	9409512	BOLT, LOCK (2" L)		6				6	6	6				
5A,B	9412018	BOLT, LOCK (2 1/4" L)	6		6		6				6	6	6	
5A,B	9415174	BOLT, LOCK (3 1/2" L)				6								
	5111467	WASHER (1.8360)									6			
	5108435	WASHER, 3/8" (12.4010)												6
+ OBSOLETE.														
* RING GEAR NOT AVAILABLE SEPARATELY.														
= NOT SERVICED, USE 5149152 AND 5116301.														
# NOT SERVICED, USE 5149152 AND 5116302.														
1.4010 - GEAR, FLYWHEEL RING														
5A,B	5116302	GEAR (SAE #2 - 138 TEETH)		1			1	1	1	1				
5A,B	5116301	GEAR (SAE #3 - 126 TEETH)	1								1	1	1	1
5A,B	5116289	GEAR (SAE #4 - 111 TEETH)			1	1								
1.4040 - BEARING, CLUTCH PILOT														
FOR CLUTCH PILOT BEARINGS NOT LISTED HERE, REFER TO 8.1450.														
5A	904983	BEARING (N.D. Z99505X1C)		1										
5A	954294	BEARING (N.D. 88026X1KE4)				1								
5A	907187	BEARING (N.D. Z99604X1C)								1				

1.4000A FLYWHEEL

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		505	507	510	512	513	515	516	517	526	527	530	532
	1.4060 - COUPLING, ENGINE DRIVE SHAFT FLEXIBLE												
	5181675 COUPLING					1		1					
	9409079 BOLT, 3/8"-16X7/8" LOCK (12.9001)					8		8					

1.4000A FLYWHEEL

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		5 3 5	5 3 6	5 3 8	5 4 0	5 4 2	5 4 9	5 5 1	5 5 3	5 5 5	5 5 9	5 6 2	5 6 4
1.4001 - FLYWHEEL ASSY.														
INCLUDES GEAR IN 1.4010.														
"C" INDICATES A CHAMFERED ASSY.,														
"NC" IS NON-CHAMFERED.														
NPN		FLYWHEEL ASSY. (CUSTOMER FURNISHED)	1											
5A	5132976	= FLYWHEEL ASSY. (SAE #3) (NC)(SD-150)		1										
5A	5129058	FLYWHEEL ASSY. (SAE #3) (NC)			1									
5B	5133512	FLYWHEEL ASSY. (SAE #3) (NC)				1								
5A	5132966	% FLYWHEEL ASSY. (SAE #3) (NC)					1							
5B	5133347	FLYWHEEL ASSY. (SAE #2) (NC)						1						
5B	5133503	+ FLYWHEEL ASSY. (SAE #2) (NC)							1					
5A	5138224	FLYWHEEL ASSY. (SAE #2) (NC)								1				
5A	5133624	FLYWHEEL ASSY. (SAE #3) (NC)									1			
5A	5134085	FLYWHEEL ASSY. (SAE #2) (NC)										1		
5A	5132978	= FLYWHEEL ASSY. (SAE #2) (NC)(SD-144)											1	
5A	5134183	+ FLYWHEEL ASSY. (SAE #2) (NC)												1
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)		1	1	1	1	1	1	1	1	1	1	1
	9409129	BOLT, LOCK (1 3/4" L.) (12.9001)				6								
5A,B	9409512	BOLT, LOCK (2" L.)									6	6		6
5A,B	9412018	BOLT, LOCK (2 1/4" L.)		6	6		6	6	6	6		6		
÷ OBSOLETE.														
= NOT SERVICED, USE 5149152 AND 5116301.														
% NOT SERVICED; USE 5136139.														
1.4008 - SEAL, FLYWHEEL OIL														
	5121748	SEAL											1	
	6525225	SEAL											1	
1.4010 - GEAR, FLYWHEEL RING														
5A,B	5116302	GEAR (SAE #2 - 138 TEETH)						1	1	1		1		1
5A,B	5116301	GEAR (SAE #3 - 126 TEETH)		1	1	1	1				1		1	
1.4040 - BEARING, CLUTCH PILOT														
FOR CLUTCH PILOT BEARINGS NOT LISTED HERE, REFER TO 8.1450.														
NPN		BEARING (CUSTOMER FURNISHED)								1				
5A	907302	BEARING (N.D. Z99605X1978)										1		
5A	904983	BEARING (N.D. Z99605X1978)												1
1.4060 - COUPLING, ENGINE DRIVE SHAFT FLEXIBLE														
	5133530	COUPLING ASSY.					1							
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)					8							

1.4000A FLYWHEEL

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	5 6 5	5 6 7	5 6 9	5 7 3	5 7 5	5 7 6	5 8 2	5 8 6	5 8 8	5 9 0	5 9 8	5 9 9
1.4001 - FLYWHEEL ASSY.														
INCLUDES GEAR IN 1.4010.														
"C" INDICATES A CHAMFERED ASSY.,														
"NC" IS NON-CHAMFERED.														
A	5134216	FLYWHEEL ASSY. (SAE #2) (NC)	1											
A	5131075	+ FLYWHEEL ASSY. (SAE #2) (NC)		1										
B	5134417	FLYWHEEL ASSY. (SAE #2) (NC)			1									
B	5134743	+ FLYWHEEL ASSY. (SAE #2) (NC)				1								
A	5135215	FLYWHEEL ASSY. (SAE #2) (NC)					1							
A	5131391	+ FLYWHEEL ASSY. (SAE #3) (NC)						1						
A	5135264	FLYWHEEL ASSY. (SAE #3) (NC)							1					
A	5135237	+ FLYWHEEL ASSY. (SAE #3) (NC)								1				
B	5135433	+ FLYWHEEL ASSY. (SAE #2) (C)									1			
A	5135744	FLYWHEEL ASSY. (SAE #3) (NC)										1		
A	5181673	FLYWHEEL ASSY. (SAE #2) (NC)											1	
A	5136139	FLYWHEEL ASSY. (SAE #3) (NC)												1
	5133530	COUPLING ASSY., FLEX. DRIVE												
A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1			1	1	1	1			1	1
A,B	5120753	PLATE, SCUFF (BOLT RETAINER)			1	1					1		1	
A,B	5143270	PLATE, SCUFF (BOLT RETAINER)										1		
	9409129	BOLT, LOCK (1 3/4" L.) (12.9001)					6							
A,B	9409512	BOLT, LOCK (2" L.)	6						6					6
A,B	9412018	BOLT, LOCK (2 1/4" L.)								6				
	9410925	BOLT, LOCK (2 1/4" L.) (12.9001)			6									
A,B	9411631	BOLT, LOCK (2 3/4" L.) (12.9001)				6								
	9412020	BOLT, LOCK (3" L.)						6						
A,B	9415174	BOLT, LOCK (3 1/2" L.)		6								6		
	9409079	BOLT, 3/8"-16X7/8" (12.9001)											8	
A,B	9409532	BOLT, 9/16"-18X2" (12.9001)											6	
A,B	9409606	BOLT, 9/16"-18X2 7/8" (12.9001)									6			
		+ OBSOLETE.												
1.4010 - GEAR, FLYWHEEL RING														
A,B	5116302	GEAR (SAE #2 - 138 TEETH)	1				1							
A,B	5116301	GEAR (SAE #3 - 126 TEETH)		1				1	1	1		1		1
A,B	5188030	GEAR (SAE #2 - 102 TEETH)			1	1							1	
A,B	5110894	GEAR (SAE #2 - 102 TEETH) (R.H. BENDIX CHAMFER)									1			
1.4040 - BEARING, CLUTCH PILOT														
FOR CLUTCH PILOT BEARINGS NOT LISTED HERE, REFER TO 8.1450.														
A	904983	BEARING (N.D. Z99605X1978)	1									1		

1.4000A FLYWHEEL

PART FIG	NUMBER	NAME AND DESCRIPTION	TYPES											
			6 0 3	6 0 4	6 0 5	6 0 6	6 0 8	6 0 9	6 1 1	6 1 2	6 1 5	6 2 0	6 2 4	6 2 6
		1.4001 - FLYWHEEL ASSY.												
		INCLUDES GEAR IN 1.4010.												
		"C" INDICATES A CHAMFERED ASSY.												
		"NC" IS NON-CHAMFERED.												
5A	5132053	= FLYWHEEL ASSY. (SAE #3) (NC)(SD-145)	1											
5A	5136532	= FLYWHEEL ASSY. (SAE #3) (NC)(SD-153)		1										
5B	5135977	+ FLYWHEEL ASSY. (SAE #3) (NC)			1									
5A	5133478	FLYWHEEL ASSY. (SAE #2) (NC)				1								
5A	5136721	FLYWHEEL ASSY. (SAE #3) (NC)					1							
5B	5136542	FLYWHEEL ASSY. (SAE #2) (NC)						1						
5A	5136979	+ FLYWHEEL ASSY. (SAE #2) (NC)							1					
5A	5135770	FLYWHEEL ASSY. (SAE #2) (NC)								1				
5A	5137118	FLYWHEEL ASSY. (SAE #3) (NC)									1			
5B	5137449	FLYWHEEL ASSY. (SAE #1) (NC)										1		
5A	5136046	FLYWHEEL ASSY. (SAE #3) (NC)											1	
5B	5136889	FLYWHEEL ASSY. (SAE #3) (C)												1
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)		1			1	1	1		1	1	1	1
5A,B	5131990	PLATE, SCUFF (BOLT RETAINER)	1				1							
5A,B	5120753	PLATE, SCUFF (BOLT RETAINER)			1									
5A,B	5143270	PLATE, SCUFF (BOLT RETAINER)								1				
5A,B	9409129	BOLT, LOCK (1 3/4" L) (12.9001)												6
5A,B	9409512	BOLT, LOCK (2" L)						6	6					
5A,B	9412018	BOLT, LOCK (2 1/4" L)	6	6		6	6					6	6	
5A,B	9410925	BOLT, LOCK (2 1/4" L) (12.9001)			6									
5A,B	9412020	BOLT, LOCK (3" L)									6			
5A,B	9415174	BOLT, LOCK (3 1/2" L)								6				
		= NOT SERVICED, USE 5149152 AND 5116301.												
		+ OBSOLETE.												
		1.4010 - GEAR, FLYWHEEL RING												
5A,B	5116302	GEAR (SAE #2 - 138 TEETH)				1		1	1	1		1	1	
5A,B	5116301	GEAR (SAE #3 - 126 TEETH)	1	1			1				1		1	
5A,B	5109022	= GEAR (SAE #3 - 93 TEETH)			1									
5A,B	5130545	# GEAR (SAE #3 - 93 TEETH)												1
		= L.H. BENDIX CHAMFER.												
		# R.H. BENDIX CHAMFER.												
		1.4040 - BEARING, CLUTCH PILOT												
		FOR CLUTCH PILOT BEARINGS NOT LISTED HERE, REFER TO 8.1450.												
5A	907302	BEARING (N.D. Z99605X1978)							1					
5A	904983	BEARING (N.D. Z99505X1C)								1				
5A	907084	BEARING (N.D. Z99507L1C)										1		

1.4000A FLYWHEEL

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		603	604	605	606	608	609	611	612	615	620	624	626	
	1.4055	- CARRIER, FLYWHEEL PILOT BEARING												
5137511	+ CARRIER													
454906	BOLT, 3/8"-16X1 1/2" (12.9001)													
103321	LOCKWASHER, 3/8" (12.9200)													
	+ OBSOLETE													
	1.4060	- COUPLING, ENGINE DRIVE SHAFT FLEXIBLE												
5138909	COUPLING													
9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)													
											166			
													16	

1.4000A FLYWHEEL

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	6 2 7	6 3 3	6 3 7	6 3 8	6 3 9	6 4 1	6 4 2	6 4 4	6 4 5	6 4 7	6 5 7	6 6 0	6 6 7
1.4001 - FLYWHEEL ASSY.															
INCLUDES GEAR IN 1.4010.															
"C" INDICATES A CHAMFERED ASSY.,															
"NC" IS NON-CHAMFERED.															
5A	5137409	+ FLYWHEEL ASSY. (SAE #4) (NC)	1												
5A	5138023	FLYWHEEL ASSY. (SAE #3) (NC)		1											
5A	5136497	= FLYWHEEL ASSY. (SAE #3) (C)(SD-148)			1										
5A	5125195	FLYWHEEL ASSY. (SAE #3) (NC)				1									
5B	5133916	FLYWHEEL ASSY. (SAE #2) (NC)					1								
5A	5138224	FLYWHEEL ASSY. (SAE #2) (NC)						1	1						
5A,B	5138316	FLYWHEEL ASSY. (SAE #3) (NC)								1					
5B	5138063	FLYWHEEL ASSY. (SAE #4) (NC)									1				
5A	5138047	FLYWHEEL ASSY. (SAE #3) (NC)										1			
5A	5138530	FLYWHEEL ASSY. (SAE #2 W/2.4" PIL. BORE) (C)											1		
5A	5137641	+ FLYWHEEL ASSY. (SAE #3) (NC)													1
	5139025	FLYWHEEL ASSY. (SAE #3) (NC)													
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1	1	1	1	1	1	1	1	1	1	1
5A,B	5120753	PLATE, SCUFF (BOLT RETAINER)													
5A,B	9409512	BOLT, LOCK (2" L.)					6						6		
5A,B	9412018	BOLT, LOCK (2 1/4" L.)	6	6	6	6		6	6	6	6	6		6	
	9410925	BOLT, LOCK (2 1/4" L.)												6	
5A,B	9412019	BOLT, LOCK (2 5/8" L.)													6
+ OBSOLETE.															
= NOT SERVICED, USE 5149152 AND 5136556.															
1.4010 - GEAR, FLYWHEEL RING															
5A,B	5116302	GEAR (SAE #2 - 138 TEETH)					1	1	1				1		
5A,B	5116301	GEAR (SAE #3 - 126 TEETH)		1		1				1		1			1
5A,B	5136556	GEAR (SAE #3 - 126 TEETH)			1										
5A,B	5116289	GEAR (SAE #4 - 111 TEETH)	1								1				
5A,B	5110841	GEAR (SAE #3 - 94 TEETH)												1	
1.4040 - BEARING, CLUTCH PILOT															
FOR CLUTCH PILOT BEARINGS NOT LISTED HERE, REFER TO 8.1450.															
5A	906986	BEARING (N.D. Z99506PLR1C)				1		1							

1.4000A FLYWHEEL

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

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	6 6 9	6 8 6	6 9 0	6 9 6	7 0 3	7 0 4	7 0 5	7 1 0	7 1 4	7 1 9	7 2 3	7 2 5
1.4001 - FLYWHEEL ASSY.														
INCLUDES GEAR IN 1.4010.														
"C" INDICATES A CHAMFERED ASSY.,														
"NC" IS NON-CHAMFERED.														
B	5139383	FLYWHEEL ASSY. (SAE #3) (NC)	1											
B	5162984	FLYWHEEL ASSY. (SAE #2) (NC)		1										
A	5140791	* FLYWHEEL ASSY. (SAE #2) (NC)			1									
B	5140335	* FLYWHEEL ASSY. (SAE #2) (NC)				1								
A	5140731	* FLYWHEEL ASSY. (SAE #4) (NC)					1							
A	5142071	= FLYWHEEL ASSY. (SAE #2) (NC)						1						
A,B	5124805	@ FLYWHEEL ASSY. (SAE #2) (NC) (5138224)							1					
B	5137697	FLYWHEEL ASSY. (SAE #1) (NC)								1				
A	5125960	FLYWHEEL ASSY. (SAE #3) (NC)									1			
A	5132807	FLYWHEEL ASSY. (SAE #3) (NC)										1		
A	5141677	FLYWHEEL ASSY. (SAE #3) (NC)											1	
A	5142963	+ FLYWHEEL ASSY. (SAE #3) (NC)												1
A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1	1	1	1	1	1	1	1	1	1
A,B	5120753	PLATE, SCUFF (BOLT RETAINER)								1				
A,B	9409512	BOLT, LOCK (2" L)		6										
A,B	9412018	BOLT, LOCK (2 1/4" L)	6		6	6	6	6	6			6	6	6
A,B	9410925	BOLT, LOCK (2 1/4" L)								6				
A,B	9415174	BOLT, LOCK (3 1/2" L)									6			
* OBSOLETE														
= NOT SERVICED. USE 5149152 AND 5116302 PLUS SD-151.														
+ NOT SERVICED. USE 5149152 AND 5116301 PLUS SD-142.														
@ NOT SERVICED. USE PART NUMBER SHOWN IN PARENTHESES.														
1.4010 - GEAR, FLYWHEEL RING														
A,B	5130545	GEAR (SAE #3 - 93 TEETH) (R.H. BENDIX CHAMFER)	1											
A,B	5116302	GEAR (SAE #2 - 138 TEETH)		1	1	1		1	1					
A,B	5116289	GEAR (SAE #4 - 111 TEETH)					1							
A,B	5184773	GEAR (SAE #1 - 118 TEETH)								1				
A,B	5116301	GEAR (SAE #3 - 126 TEETH)									1	1	1	1
1.4040 - BEARING, CLUTCH PILOT														
	906986	BEARING (N.D. Z99506PLR1C)		1					1					
	907084	BEARING (N.D. Z99507L1C)								1				
	907302	BEARING (N.D. Z99605X1978)										1		

1.4000A FLYWHEEL

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	7 2 8	7 3 5	7 3 6	7 4 4	7 5 8	7 6 6	7 6 9	7 8 0	7 8 7	8 0 1	8 0 2	8 0 3
1.4001 - FLYWHEEL ASSY.														
INCLUDES GEAR IN 1.4010.														
"C" INDICATES A CHAMFERED ASSY.,														
"NC" IS NON-CHAMFERED.														
5B	5143417	+ FLYWHEEL ASSY. (SAE #2) (NC)	1											
5A	5130544	FLYWHEEL ASSY. (SAE #3) (C)		1										
5B	5142010	- FLYWHEEL ASSY. (SAE #2) (NC)			1									
5A	5141139	FLYWHEEL ASSY. (SAE #2) (C)				1								
5B	5144968	* FLYWHEEL ASSY. (SAE #1) (5147899)					1							
		(C)												
5B	5133512	FLYWHEEL ASSY. (SAE #3) (NC)						1	1					
5A	5146148	* FLYWHEEL ASSY. (SAE #3)(5147927)												
		(NC)								1				
5A	5146398	FLYWHEEL ASSY. (SAE #3) (NC)									1			
5A	5147092	FLYWHEEL ASSY. (SAE #3) (C)										1		
5B	5137449	FLYWHEEL ASSY. (SAE #1) (NC)											1	
5A	5147702	FLYWHEEL ASSY. (SAE #3) (NC)												1
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1		1		1	1		1	1	1	1
5A,B	5120753	PLATE, SCUFF (BOLT RETAINER)			1		1							
	456390	PIN, ROLL (.750" L)								1				
5A,B	9409512	BOLT, LOCK (2" L)									6			
5A,B	9412018	BOLT, LOCK (2 1/4" L)	6			6				6			6	
5A,B	9410925	BOLT, LOCK (2 1/4" L) (12.9001)					6							
5A,B	9411631	BOLT, LOCK (2 3/4" L) (12.9001)			6									
5A,B	9409129	BOLT, LOCK (3 1/4" L) (12.9001)		6				6	6					
5A,B	9415174	BOLT, LOCK (3 1/2" L)										6		6
	5111467	WASHER (1.8360)								6				
		- OBSOLETE.												
		* NOT SERVICED; USE ASSEMBLY SHOWN IN PARENTHESES.												
1.4010 - GEAR, FLYWHEEL RING														
5A,B	5130545	GEAR (SAE #3 - 93 TEETH) (R.H. BENDIX CHAMFER)		1										
5A,B	5116302	GEAR (SAE #2 - 138 TEETH)	1										1	
5A,B	5116301	GEAR (SAE #3 - 126 TEETH)						1	1	1	1			1
5A,B	5188030	GEAR (SAE #2 - 102 TEETH)			1									
5A,B	5110894	GEAR (SAE #2 - 102 TEETH)				1								
5A,B	5136556	GEAR (SAE #3 - 126 TEETH)										1		
5A,B	5166664	GEAR (SAE #1 - 118 TEETH)					1							
1.4040 - BEARING, CLUTCH PILOT														
5A	904983	BEARING (N.D. Z99505X1C)										1		
1.4060 - COUPLING, ENGINE DRIVE SHAFT FLEXIBLE														
	5133530	COUPLING ASSY.						1						
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)						8						