

1.3000 CRANKSHAFT, OIL SEALS AND STABILIZERS

PART		NAME AND DESCRIPTION		TYPES													
FIG	NUMBER			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	8	10		10			8		
	8920538	=	BOLT, 9/16"-12 X 5.60"				4	4	4	10		10			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		*	NOT SERVICED, SUPERSEDED BY 5107071 AND TO INSURE INTERCHANGEABILITY REPLACE ALL CORRESPONDING GEARS.														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	47	48	59	68	70	73	79
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.									
3A	5143305	CRANKSHAFT ASSY., 4-53 (SPLINED)	1						
3B	5136592	CRANKSHAFT ASSY., 8V53		1					
3A	5116448	+ CRANKSHAFT ASSY., 4-53			1				
3A	5104549	CRANKSHAFT ASSY., 4-53				1	1		
3A	5106709	CRANKSHAFT ASSY., 3-53T						1	
3A	5144617	CRANKSHAFT ASSY., 6V53 (SPLINED)							1
3A	8924380	PLUG, 1/8" PIPE (12.9550)	4	5	4	4	4	3	
3A	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
3A,4B	5116224	SEAL	1			1	1	1	1
	5115454	SEAL		1					
	5148314	SEAL (W/EXCLUDER LIP)			1				
1.3055 - SPACER, CRANKSHAFT FRONT OIL SEAL									
3B	5136567	SPACER (SLEEVE)		1					
1.3056 - SLEEVE, CRANKSHAFT FRONT OIL SEAL SPACER									
	5198502	SLEEVE (USE WITH 5198503 SEAL)	1		1	1	1	1	1
1.3060 - SEAL, CRANKSHAFT OIL-REAR									
3A,5A	5116229	SEAL (SINGLE LIP, STANDARD)	1		1	1	1	1	1
3A,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
3A,5A	5196852	SEAL (SINGLE LIP, O.S., USE WITH 5196851 SLEEVE)	AR	AR	AR	AR	AR	AR	AR
3A,5A	5127821	SEAL (DOUBLE LIP, STANDARD)		1					
3A,5A	5199477	SEAL (DOUBLE LIP, O.S., USE WITH 5196851 SLEEVE)	AR	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	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	4 8	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									
3A	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									
3A, 7C	5116195	* GEAR, 2, 3, 4, 6V53 (R.H. HELIX; 97 TEETH)	1		1	1	1	1			
3A, 7C	8924986	+ GEAR, 3-53 (R.H. HELIX; 111 TEETH; STAMPED 8924986)						1			
3A, 7C	5132648	GEAR, 8V53 (R.H. HELIX; 97 TEETH)		1							
3A, 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		
	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

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
1.3161 - 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	
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)					12	12	12					
	103341	WASHER, 3/8" (12.9190)											AR	
	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.														
4D	5197415	COVER ASSY., 2,3,4-53	1	1	1	1					1	1		
4D	5136274	COVER ASSY., 6V-53					1	1	1					
4D	5108734	* COVER ASSY., 2-53								1				
4D	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														
4A	5121082	GASKET, UPPER 2,3,4-53	1	1	1	1				1	1	1		
4B	5124055	GASKET, UPPER, 8V-53					1	1	1				1	
4D	5116386	GASKET, LOWER 2,3,4-53	1	1	1	1				1	1	1		
4D	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												
5109496	* GASKET (7.8040) * REQUIRED WITH FRONT COVER 5142043.											1	1

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	
1.3160 - 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											
	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.														
4A	5119428	COVER ASSY., 2,3,4-53									1			
4A	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	

1.3000A CRANKSHAFT FRONT COVER

PART		TYPES															
FIG	NUMBER	NAME AND DESCRIPTION	80	82	85	86	89	90	92	93	95	104	110				
		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															
4A	5121082	GASKET, 2,3,4-53 (UPPER)		1					1	1	1						
4B	5124055	GASKET, 6V53 (UPPER)			1							1	1				
4D	5116386	GASKET, 2,3,4-53 (LOWER)							1	1	1	1	1				
4D	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 ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES								
			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		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			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

PART		TYPES																
FIG	NUMBER	NAME AND DESCRIPTION																
		1 8	1 9	1 0	1 2 3	1 2 5	1 2 6	1 2 8	1 3 5	1 3 8								
	1.3162 - 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 ..FIG ... NUMBER		NAME AND DESCRIPTION		TYPES											
				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			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	1	1	1	1
			7	1	1	1	2	1	2	1	3	1	3	1
			1	1	2	1	2	6	2	0	1	3	2	3
			1	1	7	2	4	7						
1.3280 - PULLEY, CRANKSHAFT														
	NPN	PULLEY (CUSTOMER FURNISHED)				1								
4F	5169905	PULLEY (9" DIA, 2 GROOVES) (ITEM 3)	1											
3A	5116484	PULLEY (5.38" DIA., 2 GROOVES)		1										
4F	5121196	* PULLEY (5" DIA., 1 GROOVE) (ITEM 1)			1									
4F	5123551	+ PULLEY (5.38" DIA., 2 GROOVES) (ITEM 2)				1								
4F	5124180	* PULLEY (5.16" DIA., 1 GROOVE) (ITEM 1)					1							
4F	5125112	# PULLEY (5.38" DIA., 2 GROOVES, 7.50" DIA., 1 GROOVE) (ITEM 13)						1						
4F	5127065	& PULLEY (5.38" DIA., 2 GROOVES) (ITEM 9) (SD-68)							1					
4F	5126500	PULLEY (6.14" DIA., 2 GROOVES) (ITEM 12)								1				
3A	5119326	PULLEY (5.38" DIA., 2 GROOVES)									1			
4F	5125247	PULLEY (5" DIA., 1 GROOVE) (ITEM 1)										1		
4F	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														
3A	5180291	RETAINER (WASHER)		1	1	1	1	1	1	1	1	1	1	1
3A	5124182	RETAINER						1						
	8922884	DECAL (CR/SHF TORQUE SPEC.)	1	1	1	1	1	1	1	1	1	1	1	1
3A	5180629	% BOLT, 3/8"-16X1 3/4" L.		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	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											2	
		@ NOT SERVICED USE 5128078.												
		+ OBSOLETE.												
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
	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	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)											1	
		* OPTIONAL HAS COUNTERBORE FOR HAND TACHOMETER.												
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.														
4F	NPN 5170484	PULLEY (CUSTOMER FURNISHED) PULLEY (5.38" DIA., 4 GROOVES) (ITEM 18)		1										
4F	5129995	PULLEY (5.38" DIA., 2 GROOVES, 7.50" DIA., 1 GROOVE) (ITEM 13)	1		1									
4F	5170452	PULLEY (5.38" DIA., 2 GROOVES) (ITEM 7)				1								
4F	5128152	+ PULLEY (9" DIA., 4 GROOVES) (ITEM 17)					1							
4F	5131385	PULLEY (5.38" DIA., 2 GROOVES) (ITEM 7)						1						
3A	5135994	PULLEY (7.5" DIA., 2 GROOVES)							1					
4F	5170454	PULLEY (6.25" DIA., 2 GROOVES) (ITEM 4)								1				
4F	5131935	# PULLEY (5.38" DIA., 2 GROOVES) (ITEM 8)									1			
4F	5131326	& PULLEY (5.38" DIA., 2 GROOVES) (ITEM 12) (SD-44)										1		
3A	5147168	PULLEY ASSY. (7.5" DIA., 3 GROOVES)											1	
3A	5134386	+ PULLEY (7.5" DIA., 3 GROOVES)												1
	5170514	FLANGE (SPINED BORE)		1										
	5131724	KEY, 3/8" X 1" WOODRUFF (12.9350) # NOT SERVICED USE 5146323 PLUS (2) 5119189 CONES. & NOT SERVICED USE 5119326. + OBSOLETE.							2				2	2
1.3290 - RETAINER, CRANKSHAFT PULLEY														
3A	5180291	RETAINER (WASHER)	1		1	1	1	1		1	1	1		
3A	5170513	RETAINER (WASHER)		2										
3A	5157930	RETAINER (WASHER)							1				1	1
	5133608	SPACER											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		1			1	1		
3A	223752	BOLT, 3/4"-16X2" (12.9001)					1			1				
3A	223761	BOLT, 3/4"-16X4 1/4" (12.9001)		1										
3A	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.														
4F	NPN 5133939	PULLEY (CUSTOMER FURNISHED) % PULLEY (5.38" DIA., 2 GROOVES) (ITEM 7)	1									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 * OBSOLETE. % NOT SERVICED. USE 5170452 AND SD-290.			2		2	2	2	2	2		2	2
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
	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	260	261	273	275	276	278	280	283	290	291	312	313
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									
4F	5137477	PULLEY ASSY. (5.38" DIA., 2 GROOVES)												
		(ITEM 7)					1							
4F	5138171	PULLEY ASSY. (5.38" DIA., 2 GROOVES)												
		(ITEM 12)						1						
	5139346	PULLEY (7.50" DIA., 3 GROOVES)							1	1			1	
4F	5138715	+ PULLEY ASSY. (5.38" DIA., 2 GROOVES)												
		(ITEM 12)									1			
4F	5139663	PULLEY ASSY. (6.88" DIA., 12 POLY-VEE GROOVES) (ITEM 22)										1		
	5143288	* PULLEY ASSY. (7.50" DIA., 5 GROOVES)												1
	5136388	* FLANGE (2.88" B.C.)				1								
	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														
3A	5157930	RETAINER (WASHER)	1	1	1				1	1			1	
3A	5180291	RETAINER (WASHER)				1	1	1			1	1		1
3B	5187760	SPACER (1.3275)		1	1					1				
3A	271632	BOLT, 3/4"-16X1 3/4" (12.9001)				1	1				1			
	5180629	BOLT, 3/4"-16X1 3/4" (12.9001)												1
3A	223753	BOLT, 3/4"-16X2 1/4" (12.9001)										1		
3A	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														
4F	5145047	INSULATOR (ITEM 23) (1.3280)	1						1	1				1
4F	5172771	INSULATOR (ITEM 23) (1.3280)		1										

1.3000C CRANKSHAFT PULLEY

			TYPES									
FIG	PART 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							

1.3000D CRANKSHAFT PULLEY BELT

PART
 ..FIG ... NUMBER NAME AND DESCRIPTION

TYPES

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".

FIG	NUMBER	NAME AND DESCRIPTION	90	91	92	95	101	102	110	111	112	113	114	115
10A	5139026	BELT SET (2 BELTS) (42.00"L., .500"W.)	1											
10A	5137300	BELT SET (2 BELTS) (39.00"L., .500"W.)		1										
10A	5126763	BELT SET (2 BELTS) (40.00"L., .500"W.)			1									
10C	9433645	BELT (47.50"L., .380"W.)				1								
10A	5132591	BELT SET (2 BELTS) (46.00"L., .380"W.) (7.1575)					1							
10C	9433624	BELT (37.00"L., .380"W.)						1						
10A	5126447	BELT SET (2 BELTS) (35.00"L., .500"W.)							1					
10A	5136272	BELT SET (2 BELTS) (52.00"L., .500"W.)								1				
10A	5126764	BELT SET (2 BELTS) (44.80"L., .500"W.)									1			1
10A	5134212	BELT SET (2 BELTS) (48.00"L., .500"W.)										1		
10A	5126761	BELT SET (2 BELTS) (43.76"L., .500"W.)											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".														
10A	5134212	BELT SET (2 BELTS) (48.00"L., .500"W.)	1											
10A	5130524	BELT SET (2 BELTS) (40.50"L., .500"W.)		1										
10A	5131363	BELT SET (2 BELTS) (55.25"L., .500"W.)			1									
10A	5130529	BELT SET (2 BELTS) (45.50"L., .500"W.)				1								
10A	5139026	BELT SET (2 BELTS) (42.00"L., .500"W.)					1							
10A	5136267	BELT SET (2 BELTS) (64.00"L., .500"W.)						1						
10A	5132386	BELT SET (2 BELTS) (30.00"L., .500"W.)							1					
10A	5173880	BELT SET (2 BELTS) (32.00"L., .500"W.)								1				
10A	5130528	BELT SET (2 BELTS) (45.14"L., .500"W.)									1			
10A	5130526	BELT SET (2 BELTS) (43.00"L., .500"W.)										1		
10A	5136265	BELT SET (2 BELTS) (69.00"L., .500"W.)											1	
10A	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
FIG . . . NUMBER NAME AND DESCRIPTION

TYPES

			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		1					
5A,B	5120753	PLATE, SCUFF (BOLT RETAINER)	1	1	1							1			1					
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)					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	9410925	BOLT, LOCK (2 1/4" L.) (12.9001)			6	6													6	
5A,B	9412018	BOLT, LOCK (2 1/4" L.)					6	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

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	86	93	239	293	294	296	297	300	305	319	320	321
		1.4045 - RETAINER, CLUTCH PILOT BEARING												
5109008		RETAINER (PRESSED IN CRANKSHAFT) (1.4001)			1									

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	340	346	347	348	349	350	356	357	360	362	363	364
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

PART		NAME AND DESCRIPTION	TYPES									
FIG	NUMBER		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)		1								
		(5138224)										
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.												
5A	5128082	FLYWHEEL ASSY. (SAE #2) (NC)	1											
5A	5127017	* FLYWHEEL ASSY. (SAE #3) (NC)		1										
5A	5125195	FLYWHEEL ASSY. (SAE #3) (NC)			1									
5A	5129196	FLYWHEEL ASSY. (SAE #3) (NC)				1								
5B	5129275	FLYWHEEL ASSY. (SAE #2) (NC)					1							
5A	5129521	@ FLYWHEEL ASSY. (SAE #2) (NC) (SD-87)						1						
5A	5129356	FLYWHEEL ASSY. (SAE #2) (NC)							1					
	5127241	FLYWHEEL (POWER TAKE-OFF) (8.1009)								1				
5A	5147092	FLYWHEEL ASSY. (SAE #3) (NC)									1			
5A	5119213	FLYWHEEL ASSY. (SAE #4) (NC)										1		
5A	5108557	FLYWHEEL ASSY. (SAE #4) (NC)											1	
5A,B	5108514	FLYWHEEL ASSY. (SAE #3) (NC)												1
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1		1	1	1			1	1	1
5A,B	5127252	+ PLATE, SCUFF (BOLT RETAINER)								1				
5A,B	5143270	PLATE, SCUFF (BOLT RETAINER)									1			
5A,B	9415527	BOLT, LOCK (1 3/8" L.) (8.1009)								4				
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
5A,B	9412019	BOLT, LOCK (2 5/8" L.)				6								
5A,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												
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	5116289	GEAR (SAE #4 - 111 TEETH)										1	1	
		1.4040 - BEARING, CLUTCH PILOT												
		FOR CLUTCH PILOT BEARING NOT LISTED												
		HERE, REFER TO 8.1450.												
5A	907302	BEARING (N.D. Z99605X1978)			1									
5A	904983	BEARING (N.D. Z99505X1C)					1				1			
	5126667	BUSHING		1										

1.4000A FLYWHEEL

PART			TYPES										
FIG	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	498	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

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			5 0 5	5 0 7	5 1 0	5 1 2	5 1 3	5 1 5	5 1 6	5 1 7	5 2 6	5 2 7	5 3 0	5 3 2
		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				

DETROIT DIESEL

TYPES

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

1.4000A FLYWHEEL

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	535	536	538	540	542	549	551	553	555	559	562	564
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
	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.												
5A	5134216	FLYWHEEL ASSY. (SAE #2) (NC)	1											
5A	5131075	+ FLYWHEEL ASSY. (SAE #2) (NC)		1										
5B	5134417	FLYWHEEL ASSY. (SAE #2) (NC)			1									
5B	5134743	+ FLYWHEEL ASSY. (SAE #2) (NC)				1								
5A	5135215	FLYWHEEL ASSY. (SAE #2) (NC)					1							
5A	5131391	+ FLYWHEEL ASSY. (SAE #3) (NC)						1						
5A	5135264	FLYWHEEL ASSY. (SAE #3) (NC)							1					
5A	5135237	+ FLYWHEEL ASSY. (SAE #3) (NC)								1				
5B	5135433	+ FLYWHEEL ASSY. (SAE #2) (C)									1			
5A	5135744	FLYWHEEL ASSY. (SAE #3) (NC)										1		
5A	5181673	FLYWHEEL ASSY. (SAE #2) (NC)											1	
5A	5136139	FLYWHEEL ASSY. (SAE #3) (NC)												1
	5133530	COUPLING ASSY., FLEX. DRIVE											1	
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1			1	1	1	1			1	1
5A,B	5120753	PLATE, SCUFF (BOLT RETAINER)			1	1					1		1	
5A,B	5143270	PLATE, SCUFF (BOLT RETAINER)										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				
	9410925	BOLT, LOCK (2 1/4" L) (12.9001)			6									
5A,B	9411631	BOLT, LOCK (2 3/4" L) (12.9001)				6								
	9412020	BOLT, LOCK (3" L)						6						
5A,B	9415174	BOLT, LOCK (3 1/2" L)		6								6		
	9409079	BOLT, 3/8"-16X7/8" (12.9001)											8	
5A,B	9409532	BOLT, 9/16"-18X2" (12.9001)											6	
5A,B	9409606	BOLT, 9/16"-18X2 7/8" (12.9001)									6			
		+ OBSOLETE.												
	1.4010 - GEAR, FLYWHEEL RING													
5A,B	5116302	GEAR (SAE #2 - 138 TEETH)	1				1							
5A,B	5116301	GEAR (SAE #3 - 126 TEETH)		1				1	1	1		1		1
5A,B	5188030	GEAR (SAE #2 - 102 TEETH)			1	1							1	
5A,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.												
5A	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)												
= 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											1	
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)											6	
	103321	LOCKWASHER, 3/8" (12.9200)											6	
		+ OBSOLETE												
		1.4060 - COUPLING, ENGINE DRIVE SHAFT FLEXIBLE												
	5136909	COUPLING												1
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)												6

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)												1	
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)												1	
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			TYPES											
			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.														
5B	5139383	FLYWHEEL ASSY. (SAE #3) (NC)	1											
5B	5162984	FLYWHEEL ASSY. (SAE #2) (NC)		1										
5A	5140791	* FLYWHEEL ASSY. (SAE #2) (NC)			1									
5B	5140335	* FLYWHEEL ASSY. (SAE #2) (NC)				1								
5A	5140731	* FLYWHEEL ASSY. (SAE #4) (NC)					1							
5A	5142071	= FLYWHEEL ASSY. (SAE #2) (NC)						1						
5A,B	5124805	@ FLYWHEEL ASSY. (SAE #2) (NC) (5138224)							1					
5B	5137697	FLYWHEEL ASSY. (SAE #1) (NC)								1				
5A	5125960	FLYWHEEL ASSY. (SAE #3) (NC)									1			
5A	5132807	FLYWHEEL ASSY. (SAE #3) (NC)										1		
5A	5141677	FLYWHEEL ASSY. (SAE #3) (NC)											1	
5A	5142963	+ FLYWHEEL ASSY. (SAE #3) (NC)												1
5A,B	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1	1	1	1	1	1	1	1	1	1
5A,B	5120753	PLATE, SCUFF (BOLT RETAINER)								1				
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
5A,B	9410925	BOLT, LOCK (2 1/4" L)								6				
5A,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														
5A,B	5130545	GEAR (SAE #3 - 93 TEETH) (R.H. BENDIX CHAMFER)	1											
5A,B	5116302	GEAR (SAE #2 - 138 TEETH)		1	1	1		1	1					
5A,B	5116289	GEAR (SAE #4 - 111 TEETH)					1							
5A,B	5184773	GEAR (SAE #1 - 118 TEETH)								1				
5A,B	5116301	GEAR (SAE #3 - 126 TEETH)									1	1	1	1
1.4040 - BEARING, CLUTCH PILOT														
5A	906986	BEARING (N.D. Z99506PLR1C)		1					1					
5A	907084	BEARING (N.D. Z99507L1C)								1				
5A	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) (C)					1							
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						

PART		TYPES
.FIG .	NUMBER NAME AND DESCRIPTION	
	1.4075 - DISC, FLYWHEEL FLEXIBLE COUPLING	
5170518	DISC	7 2 8
5122072	DISC ASSY.	7 3 5
5107769	DISC	7 3 6
		7 4 4
		7 5 8
		7 6 6
		3 1
		7 6 9
		7 8 0
		7 8 7
		8 0 1
		8 0 2
		8 0 3
		1

1.4000A FLYWHEEL

PART			TYPES															
FIG	NUMBER	NAME AND DESCRIPTION	807	808	809	843	858	861	862	865	871	944	945	946	947	978		
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	5147927	FLYWHEEL ASSY. (SAE #3) (NC)	1															
5B	5124627	FLYWHEEL ASSY. (SAE #3) (NC)			1													
5B	5162984	FLYWHEEL ASSY. (SAE #2) (NC)				1												
5A	5102444	FLYWHEEL ASSY. (SAE #2) (NC)						1										
5A	5102486	+ FLYWHEEL ASSY. (SAE #2) (NC)							1									
5A	5102308	FLYWHEEL ASSY. (SAE #3) (NC)								1								
5A	5102920	FLYWHEEL ASSY. (SAE #3) (NC)									1							
5A	5102011	FLYWHEEL ASSY. (SAE #4) (NC)										1						
5B	5133512	FLYWHEEL ASSY. (SAE #3) (NC)											1					
5A	5103818	FLYWHEEL ASSY. (SAE #3) (NC)												1				
5B	5104456	FLYWHEEL ASSY. (SAE #2) (NC)													1			
5A,B	5148093	FLYWHEEL ASSY. (SAE #2) (NC)			1													
5A	5105297	FLYWHEEL ASSY. (SAE #3) (NC)														1		
	5126671	PLATE, SCUFF (BOLT RETAINER)		1	1	1	1	1	1	1	1	1	1	1	1	1		
	456390	PIN, ROLL (.75" L.)	1															
5A	9412018	BOLT, LOCK (2 1/4" L.)	6	6			6	6	6		6	6		6	6	6		
	9409512	BOLT, 1/2"-20X2" AA LOCK				6	6			6								
	9409129	BOLT, LOCK 1/2"-20X1 3/4" (12.9001)											6					
	5111467	WASHER (1.8360)	6															
		+ OBSOLETE.																
1.4010 - GEAR, FLYWHEEL RING																		
5A	5116301	GEAR (SAE #3 - 126 TEETH)	1		1					1	1		1	1		1		
5A	5116302	GEAR (SAE #2 - 138 TEETH)		1		1		1	1						1			
	5116289	GEAR (SAE #4-111 TEETH)										1						
1.4040 - BEARING, CLUTCH PILOT																		
5A	907302	BEARING (N.D. Z99605X1978)				1												
1.4072 - PLATE, FLYWHEEL INPUT DRIVE																		
	5148011	PLATE		1														
	5148012	ADAPTOR		1														
	9409131	BOLT, 3/8"-24 X 3/4" (12.9001)		6														
	6836873	* PACKAGE (6 PCS.) 3/8"-24 HEX. CONE LOCKNUT (9.4002)			1													
		* SHOWN IN TYPE 808 FOR REFERENCE ONLY. PART OF TRANSMISSION ASSEMBLIES IN 9.4001.																
1.4075 - DISC, FLYWHEEL FLEXIBLE COUPLING																		
	5102584	DISC ASSY.												1				
	8927580	BOLT, 3/8"-16X1.015" LOCK (12.9001)												8				

1.4000A FLYWHEEL

PART			TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	9	1	1	1	1	1	1	1	1	1
			2	0	0	0	0	0	0	0	0	0
			5	5	8	9	9	8	9	8	8	2
1.4001 - FLYWHEEL ASSY.												
INCLUDES GEAR IN 1.4010.												
"C" INDICATES A CHAMFERED ASSY.												
"NC" IS NON-CHAMFERED.												
5A	8921740	FLYWHEEL ASSY. (SAE #2) (C)	1									
5A	8922607	FLYWHEEL ASSY. (SAE #3) (NC)		1								
5A	8923208	FLYWHEEL ASSY. (SAE #3) (NC)			1							
5B	5137449	FLYWHEEL ASSY. (SAE #1) (NC)				1						
5A	8924053	FLYWHEEL ASSY. (SAE #3) (NC)					1					
	8922974	FLYWHEEL ASSY. (SAE #3) (NC)						1				
	8925278	FLYWHEEL ASSY. (SAE #3) (NC)							1			
	23502311	FLYWHEEL ASSY. (SAE #3) (NC)								1		
	5126671	PLATE, SCUFF (BOLT RETAINER)	1	1	1	1	1	1	1	1		
	9409129	BOLT, 1/2"-20X1 3/4" AA LOCK (12.9001)						6		6		
5A	9409512	BOLT, 1/2"-20X2" AA LOCK		6			6					
5A	9412018	BOLT, 1/2"-20X2 1/4" AA LOCK	6		6	6			6			
1.4010 - GEAR, FLYWHEEL RING												
	5116301	GEAR (SAE #3-126 TEETH)		1	1		1	1	1	1		
	5116302	GEAR (SAE #1-138 TEETH)	1			1						
1.4040 - BEARING, CLUTCH PILOT												
	907084	BEARING (N.D. Z99507L1C) (8.1450)				1						
1.4055 - CARRIER, FLYWHEEL PILOT BEARING												
	8923091	CARRIER				1						
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)				6						
	103321	LOCKWASHER, 3/8" (12.9200)				6						
1.4080 - HUB, FLYWHEEL FLEXIBLE COUPLING												
	23046150	HUB, ADAPTOR									1	
	6882685	ADAPTOR (1.5130)									1	
	190149	BOLT, 3/8"-24X7/8" HEX SOC. HD. (12.9027)									12	
	9423490	BOLT, 3/8"-16X2" (12.9001)									12	
	9419871	LOCKWASHER, 3/8" (12.9200)									12	
1.4085 - PLATE, FLYWHEEL FLEXIBLE COUPLING												
	23046149	FLEXPLATE ASSY.									1	
	23046151	PLATE, SCUFF									1	
	23046427	BOLT, 1/2"-20X1 5/8" 12 PT. HD. (12.9005)									6	
	9409056	BOLT, 1/2"-20X3/4" (12.9001)									6	

1.5000A FLYWHEEL, HOUSING

PART		TYPES												
..FIG	NUMBER	NAME AND DESCRIPTION	1 7 5	1 7 7	1 7 8	1 8 1	1 8 3	1 8 5	1 8 6	1 9 3	1 9 5	1 9 6	1 9 8	1 9 9
1.5001 - HOUSING ASSY., FLYWHEEL														
5A	5119355	@ HOUSING, (SAE #2) 2,3,4-53 (TYPE 357)		1										
5A	5119356	@ HOUSING (SAE #2) 2,3,4-53 (TYPE 360)									1		1	
5A	5119353	@ HOUSING, (SAE #3) 2,3,4-53 (TYPE 345)	1											
5A	5119354	@ HOUSING, (SAE #3) 2,3,4-53 (TYPE 344)					1							1
5A	5119351	# HOUSING, (SAE #4) 4-53			1									
5A	5119352	# HOUSING, (SAE #4) 3,4-53					1							
5A	5116060	@ HOUSING, (SAE #4) 2,3,4-53 (TYPE 330)								1				
5A	5124207	@ HOUSING, (SAE #4) 2,3,4-53 (TYPE 333)										1		
5A	5119430	@ HOUSING, (SAE #4) 2,3,4-53 (TYPE 342)							1					
10C	5121179	* HOUSING, 2-53				1								
	5124266	STUD (1/2"-13-20X2.8")				4								
5A,B	5145014	PLUG, 3/8" PIPE (12.9550)	1	1				1	1	1	1	1		1
5A,B	5115214	PLUG, 1/2 PIPE (12.9550)												
	9409126	& BOLT, 5/16 -18X2 1/2 (12.9001)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	9409079	BOLT, 3/8 -16X7/8 (12.9001)	1	1	1	1	1	1	1	1	1	1	1	1
	5101779	BOLT, 3/8"-16X7/8" (12.9001)						1						
	179838	+ BOLT, 3/8 -16X7/8 (12.9001)	7	AR	5	5	5	5	5	5	AR	AR	5	5
	9414215	% BOLT, 3/8 -16X2 1/2 (12.9001)	4	4	4	4	4	4	4	4	4	4	5	4
5A,B	427588	BOLT, 3/8 -16X2 1/2 (12.9001)	6	6	6		6	6	6	6	6	6	6	6
5A,B	179850	BOLT, 3/8 -16X2 3/4 (12.9001)				6								
5A,B	5170491	BOLT, 3/8 -24X2 21/32 LOCK (12.9001)				3								
5A,B	5170489	BOLT, 3/8 -24X3 9/16 LOCK (12.9001)	3	3	3	3	3	3	3	3	3	3	3	3
5A,B	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
@ NOT SERVICED, CONVERT TO TYPE SHOWN IN PARENTHESES.														
# REQUIRES SPACER AND BOLT IN 1.7260.														
& QUANTITY OF 6 REQUIRED WITH 2D-902, 3D-010, 4D-102. QUANTITY OF 2 REQUIRED EFFECTIVE WITH 2D-903, 3D-011, 4D-103.														
+ USE A QUANTITY OF "5" FOR A TWO, "5" FOR A THREE AND "7" FOR A FOUR.														
% EFFECTIVE WITH 2D-903, 3D-011, 4D-103.														
* OBSOLETE														
1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE														
5123802	= SHIM				1			1						
	= EFFECTIVE WITH UNIT 2D-465 FOR TYPE 181.													

1.5000A FLYWHEEL, HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 7 5	1 7 7	1 7 8	1 8 1	1 8 3	1 8 5	1 8 6	1 9 3	1 9 5	1 9 6	1 9 8	1 9 9
1.5010 - GASKET, FLYWHEEL HOUSING														
5A,B	5121334	GASKET, 2,3,4-53	1	1	1		1	1	1	1	1	1	1	1
	5121234	GASKET, 2-53				1								
1.5030 - COVER, FLYWHEEL HOUSING LARGE HOLE														
5A,B	5122281	COVER (PLAIN)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	179857	BOLT, 7/16"-14X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8	8	8	8	8	8	8	8	8	8
5A,B	5150568	WASHER, 7/16" COPPER (2.4050)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	103323	LOCKWASHER, 1/2" (12.9200)	8	8	8	8	8	8	8	8	8	8	8	8
1.5040 - GASKET, FLYWHEEL HOUSING LARGE HOLE COVER														
5A,B	5104506	GASKET	2	2	2		2	2	2	2	2	2	2	2
1.5050 - COVER, FLYWHEEL HOUSING SMALL HOLE														
5A,B	5116411	COVER	2	2	2		2	2	2	2	2	2	2	2
5A,B	5155815	COVER (TACHOMETER HOLE) (1.7490)				1								
5A,B	9419648	SCREW, 5/16"-18X3/4" SELF-TAP (12.9066)				2								
5A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	4	4	4		4	4	4	4	4	4	4	4
5A,B	103320	LOCKWASHER, 5/16" (12.9200)	4	4	4	2	4	4	4	4	4	4	4	4
1.5060 - GASKET, FLYWHEEL HOUSING SMALL HOLE COVER														
5A,B	5116391	GASKET	2	2	2		2	2	2	2	2	2	2	2
5A,B	5135935	GASKET (7.4455)				1								
1.5075 - GASKET, STARTING MOTOR HOLE COVER														
5A,B	5130995	GASKET (7.3004)	AR	AR	AR		AR	AR	AR	AR	AR	AR	AR	AR
1.5096 - HOSE, FLYWHEEL HOUSING DRAIN														
	5124238	* HOSE, 3/8" I.D. X 14" L. (1.1060)					1							
	5113689	* HOSE, 3/8" I.D. X 12" L.								1			1	
	5120998	ELBOW, HOSE CONNECTOR 90 DEG. (1.1100)								1			1	
	8924158	BUSHING, RED. (1/2"X3/8") (12.9570)					1			1			1	
		* STD. LENGTH HOSE. CUT TO LENGTH SHOWN.												

1.5000A FLYWHEEL, HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	201	202	203	204	205	207	208	209	211	212	213	216
1.5001 - HOUSING ASSY., FLYWHEEL														
5A	5125268	* HOUSING, (SAE #2)4-53 (USE TYPE 359)	1											
5A	5125269	* HOUSING, (SAE #2) 2,3,4-53 (USE TYPE 312)					1							
5B	5123717	* HOUSING, (SAE #2)6V53(USE TYPE 361)									1			
5B	5123718	* HOUSING, (SAE #2)6V53(USE TYPE 340)										1		
5A	5119431	* HOUSING, (SAE #3)4-53(USE TYPE 349)		1										
5A	5124965	@ HOUSING, (SAE #3) 3-53				1								
5A	5116062	* HOUSING, (SAE #3) 2,3,4-53 (USE TYPE 328)						1						
5B	5123719	# HOUSING, (SAE #3) 6V53							1					
5A	5126541	* HOUSING, (SAE #3)4-53(USE TYPE 388)											1	
5A	5116060	* HOUSING, (SAE #4) 2,3,4-53 (USE TYPE 330)				1				1				
	5125652	HOUSING, (AUTOMOTIVE) 3,4-53												1
	141195	PIN, 1/4"X5/8" DOWEL (12.9290)							1		1	1		
5A,B	5145014	PLUG, 3/8" PIPE (12.9550)		1		1							1	
5A,B	5115214	PLUG, 1/2" PIPE (12.9550)			1		1	1	1	1	1	1		
	9409126	& BOLT, 5/16"-18X2 1/2" (12.9001)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	9409079	BOLT, 3/8"-16X7/8" (12.9001)	1	1	1	1	1	1	1	1	1	1	1	1
	179838	% BOLT, 3/8"-16X7/8" (12.9001)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	9414215	+ BOLT, 3/8"-16X2 1/2" (12.9001)	4	4		4	4	4	4	4	4	4	4	4
5A,B	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	6	6	6	6	6	8	6		8	8	6	
5A,B	179850	BOLT, 3/8"-16X2 3/4" (12.9001)									2	6		
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)							6					
	5170491	BOLT, 3/8"-24X2 21/32" LOCK (12.9001)												3
	186309	BOLT, 3/8"-24X3 1/4" (12.9001)							2		2	2		
	186310	BOLT, 3/8"-24X3 1/2" (12.9001)							2		2	2		
5A,B	5170489	BOLT, 3/8"-24X3 9/16" LOCK (12.9001)	3	3	3	3	3	3	AR	3	AR	AR	3	AR
5A,B	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	117049	NUT, 3/8"-24 (12.9120)							2		2	2		
* NOT SERVICED, CONVERT TO TYPE SHOWN IN PARENTHESES.														
@ NOT SERVICED, REPLACE WITH 5132259 AND INCLUDE 1-5123803 SHIM.														
# REQUIRES SPACER AND BOLT IN 1.7260.														
& QUANTITY OF "6" REQUIRED WITH 2D-902, 3D-010, 4D-102. QUANTITY OF "2" REQUIRED EFFECTIVE WITH 2D-903, 3D-011, 4D-103.														
% USE "5" FOR A TWO, "5" FOR A THREE, AND "7" FOR A FOUR.														
+ EFFECTIVE WITH 2D-903, 3D-011, 4D-103.														
1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE														
	5123802	SHIM							1					1

1.5000A FLYWHEEL, HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	201	202	203	204	205	207	208	209	211	212	213	216
1.5010 - GASKET, FLYWHEEL HOUSING														
5A,B	5121334	GASKET, 2,3,4-53	1	1	1	1	1	1		1			1	1
5A,B	5137470	GASKET, 6V53							1		1	1		
	5175882	GASKET, (7/8" DIA.) 6,8V53(4.4115)							1		1	1		
1.5030 - COVER, FLYWHEEL HOUSING LARGE HOLE														
5A,B	5122281	COVER (PLAIN)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	179857	BOLT, 7/16"-14X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8	8	8	8	8	8	8	8	8	8
5A,B	5150568	WASHER, 7/16" COPPER (2.4050)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	103323	LOCKWASHER, 1/2" (12.9200)	8	8	8	8	8	8	8	8	8	8	8	8
1.5040 - GASKET, FLYWHEEL HOUSING LARGE HOLE COVER														
5A,B	5104506	GASKET	2	2	2	2	2	2	2	2	2	2	2	2
1.5050 - COVER, FLYWHEEL HOUSING SMALL HOLE														
5A,B	5116411	COVER	2	2	2	2	2	2	1	2			2	
5A,B	5155815	COVER (TACHOMETER HOLE) (1.7490)												1
5A,B	5152716	* COVER (3.4223)							2		2	2		
	5130992	@ PLUG, CUP (3.4223)							AR		AR	AR		
5A,B	9419648	SCREW, 5/16"-18X3/4" SELF-TAP (12.9086)												2
5A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	4	4	4	4	4	4	6	4	6	6	4	2
	446202	WASHER, 5/16" COPPER (12.9190)												2
5A,B	103320	LOCKWASHER, 5/16" (12.9200)	4	4	4	4	4	4	6	4	6	6	4	
* QUANTITY OF ONE FOR MARINE UNITS.														
@ NOT SERVICED, REPLACE WITH COVER, GASKETS AND BOLTS.														
1.5060 - GASKET, FLYWHEEL HOUSING SMALL HOLE COVER														
5A,B	5116391	GASKET	2	2	2	2	2	2	1	2			2	
5A,B	5135935	GASKET (7.4455)												1
5A,B	5150193	* GASKET (5.1010)							2		2	2		
* QUANTITY OF ONE FOR MARINE UNITS.														
1.5075 - GASKET, STARTING MOTOR HOLE COVER														
5A,B	5130995	GASKET (7.3004)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

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

[illegible]

5125233	COVER
181309	BOLT, 1/4"-28X1/2" (12.9001)
103319	LOCKWASHER, 1/4" (12.9200)

TYPES	
201	
202	
203	
204	244
205	
207	
208	
209	
211	
212	
213	
216	

1.5000A FLYWHEEL, HOUSING

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	2 2 7	2 3 7	2 3 8	2 4 1	2 4 5	2 4 6	2 5 2	2 5 3	2 5 4	2 6 3	2 6 4	2 6 7
1.5001 - HOUSING ASSY., FLYWHEEL														
5B	5123720	* HOUSING, (SAE #3) 6V53 (TYPE 350)	1											
5A	5108391	* HOUSING, (SAE #3) 3,4-53 (TYPE 375)		1										
5A	5121460	@ HOUSING, (SAE #1) 6V53 (5132249)			1									
5B	5108946	* HOUSING, (SAE #1) 6V53 (TYPE 363)				1								
5A	5111760	# HOUSING, (SAE #2) 3,4-53					1							
5B	5108802	* HOUSING, (SAE #2) 6V53 (TYPE 393)						1						
5B	5109102	* HOUSING, (SAE #2) 6V53 (TYPE 358)							1					
5A	5111706	# HOUSING, (AUTOMOTIVE) 4-53								1				
5B	5173777	* HOUSING, (SAE #3) 6V53 (TYPE 337)									1			
5A	5130646	* HOUSING, (SAE #3) 3,4-53 (TYPE 348)										1		
5A	5130727	* HOUSING, (SAE #3) 3,4-53 (TYPE 343)											1	
5A	5173789	* HOUSING (SAE #3) 4-53 (TYPE 351)												1
	141195	PIN, 1/4"X5/8" DOWEL (12.9290)	1		1	1		1	1		1			
5A,B	5145014	PLUG, 3/8" PIPE (12.9550)		1								1	1	1
5A,B	5115214	PLUG, 1/2" PIPE (12.9550)	1		1	1		1		1				
5A,B	5111798	PLUG, 1" SQ. SKT. (12.9550)											1	
5A,B	5146646	PLUG, 1 1/4" PIPE (12.9550)							1					
5A,B	9409126	BOLT, 5/16"-18X2 1/2" (12.9001)	2	2	2	2		2	2	2	2	2	2	2
	179838	& BOLT, 3/8"-16X7/8" (12.9001)		AR			AR			AR		AR	AR	AR
	9409079	BOLT, 3/8"-16X7/8" (12.9001)		1								1	1	1
5A,B	9414216	BOLT, 3/8"-16X2 1/2" (12.9001)	4	4	4	4	4	4	4	4	4	4	4	4
5A,B	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	8	6	8	8	6	8	8	8	8	6	6	6
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)	2		2	2		2	2	6	2			
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)	6		6	6		6	6					
	5170491	BOLT, 3/8"-24X2 21/32" LOCK (12.9001)								3				
	5170492	BOLT, 3/8"-24X2 29/32" LOCK (12.9001)					3							
	186309	BOLT, 3/8"-24X3 1/4" (12.9001)	2		2	2		2	2		2			
	186310	BOLT, 3/8"-24X3 1/2" (12.9001)	2		2	2		2	2		2			
	5170489	BOLT, 3/8"-24X3 9/16" LOCK (12.9001)												
5A,B	103321	LOCKWASHER, 3/8" (12.9200)	AR	3	AR	AR	AR	AR	AR	AR	AR	3	3	3
	117049	NUT, 3/8"-24 (12.9120)	2	AR	2	2		2	2		2			
		* NOT SERVICED; CONVERT TO TYPE SHOWN IN PARENTHESES.												
		@ NOT SERVICED; USE PART NUMBER IN PARENTHESES PLUS (1) 5123802												
		SHIM.												
		# OBSOLETE.												
		& USE "5" FOR A THREE AND "7" FOR A FOUR.												
1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE														
	5123802	SHIM					1			1				
1.5010 - GASKET, FLYWHEEL HOUSING														
5A,B	5137470	GASKET, 6V53	1		1	1		1	1		1			
	5175882	GASKET (7/8" DIA.) 6,8V53 (4.4115)	1		1	1		1	1		1			
5A,B	5121334	GASKET, 2,3,4-53		1			1					1	1	1

1.5000A FLYWHEEL HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2 2 7	2 3 7	2 3 8	2 4 1	2 4 5	2 4 6	2 5 2	2 5 3	2 5 4	2 6 3	2 6 4	2 6 7
	1.5010	- GASKET, FLYWHEEL HOUSING (CONT'D)												
5A,B	5109650	GASKET, 4-53								1				
	1.5030	- COVER, FLYWHEEL HOUSING LARGE HOLE												
5A,B	5122281	COVER	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	179857	BOLT, 7/16"-14X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8	8	8	8	8	8	8	8	8	8
5A,B	5150568	WASHER, 7/16" COPPER (2.4050)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	103323	LOCKWASHER, 1/2" (12.9200)	8	8	8	8	8	8	8	8	8	8	8	8
	1.5040	- GASKET, FLYWHEEL HOUSING LARGE HOLE COVER												
5A,B	5104506	GASKET	2	2	2	2	2	2	2	2	2	2	2	2
	1.5050	- COVER, FLYWHEEL HOUSING SMALL HOLE												
5A,B	5152716	COVER (3.4223)	2					2	2		2			
5A,B	5116411	COVER		2								2	2	2
5A,B	5155815	COVER (TACHOMETER HOLE) (1.7490)								1				
	5130992	* PLUG, CUP (3.4223)	AR						AR		AR			
5A,B	9419648	SCREW, 5/16"-18X3/4" (12.9066)								2				
5A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	6	4				6	6	6	6	4	4	4
5A,B	103320	LOCKWASHER, 5/16" (12.9200)	6	AR				6	6	1	6	AR	4	AR
		* NOT SERVICED, REPLACE WITH COVER, GASKET AND BOLTS.												
	1.5060	- GASKET, FLYWHEEL HOUSING SMALL HOLE COVER												
5A,B	5150193	GASKET (5.1010)	2					2	2		2			
5A,B	5116391	GASKET		2								2	2	2
5A,B	5135935	GASKET (7.4455)								1				
	1.5075	- GASKET, STARTING MOTOR HOLE COVER												
5A,B	5130995	GASKET (7.3004)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	1.5080	- COVER, FLYWHEEL HOUSING INSPECTION HOLE												
	5125233	COVER		2										
	5108939	COVER				2					2	2		2
	181309	BOLT, 1/4"-28X1/2" (12.9001)		4		4					4	4		4

1.5000A FLYWHEEL HOUSING

PART		TYPES												
.FIG .	NUMBER	NAME AND DESCRIPTION												
		2 2 7	2 3 7	2 3 8	2 4 1	2 4 5	2 4 6	2 5 2	2 5 3	2 5 4	2 6 3	2 6 4	2 6 7	
	1.5080 - COVER, FLYWHEEL HOUSING INSPECTION HOLE (CONT'D)													
	103319 LOCKWASHER, 1/4" (12.9200)		4		4					4	4		4	

1.5000A FLYWHEEL HOUSING

PART		NAME AND DESCRIPTION	TYPES											
FIG	NUMBER		280	281	288	290	301	303	306	310	311	312	314	
1.5001 - HOUSING ASSY., FLYWHEEL														
5A	5132014	* HOUSING, (SAE #3) 4-53 TYPE 380	1											
5A	5119353	* HOUSING, (SAE #3) 4-53 TYPE 345		1										
5A	5132554	@ HOUSING, (SAE #3) 4-53 (5132579)			1									
5A	5121460	@ HOUSING, (SAE #1) 6V53 (5132249)				1								
5A	5132965	HOUSING, (SAE #3) 3,4-53					1							
5A	5133141	* HOUSING, (SAE #2) 4-53 TYPE 357						1						
5A	5133471	HOUSING, (SAE #3) 4-53							1					
5B	5123720	* HOUSING, (SAE #3) 6V53 TYPE 350								1				
5A	5119352	# HOUSING, (SAE #4) 3-53									1			
5A	5132256	HOUSING, (SAE #2) 2,3,4-53										1		
5B	5132252	HOUSING, (SAE #3) 6V53											1	
	141195	PIN, 1/4"x5/8" DOWEL (12.9290)				1				1			1	
5A,B	5145014	PLUG, 3/8" PIPE (12.9550)	1	1	1		1		1					
5A,B	5115214	PLUG, 1/2" PIPE (12.9550)				1		1		1	1	1	1	
5A,B	9409126	BOLT, 5/16"-18X2 1/2" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	
	179838	BOLT, 3/8"-16X7/8" (12.9001)	AR	AR	AR		AR	AR	AR		AR	AR		
	5101779	BOLT, 3/8"-16X7/8" (12.9001)										1		
	9409079	BOLT, 3/8"-16X7/8" (12.9001)	1	1	1		1	1	1		1			
5A,B	9414215	BOLT, 3/8"-16X2 1/2" (12.9001)	4	4	4	4	4	4	4	4	4	4	4	
5A,B	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	6	6	6	8	6	6	6	8	6	6	8	
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)				2				2			2	
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)				6				6			6	
	186309	BOLT, 3/8"-24X3 1/4" (12.9001)				2				2			2	
	186310	BOLT, 3/8"-24X3 1/2" (12.9001)				2				2			2	
	5170489	BOLT, 3/8"-24X3 9/16" LOCK (12.9001)	3	3	3	3	3	3	3		3	3		
5A,B	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	
	117049	NUT, 3/8"-24 (12.9120)				2				2			2	
* NOT SERVICED; CONVERT TO TYPE SHOWN IN PARENTHESES.														
@ NOT SERVICED; USE PART NUMBER IN PARENTHESES PLUS 1-5123802 SHIM.														
# REQUIRES SPACER AND BOLT IN 1.7260.														
1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE														
	5123802	SHIM							1			1	1	
1.5010 - GASKET, FLYWHEEL HOUSING														
5A,B	5137470	GASKET, 6V53				1				1			1	
	5175882	GASKET (7/8" DIA.) 6,8V53 (4.4115)				1				1			1	
5A,B	5121334	GASKET, 2,3,4-53	1	1	1		1	1	1		1	1		
1.5020 - GASKET, FLYWHEEL HOUSING BELL														
	5127184	GASKET, 4,6V53		1						1			1	
	5108426	GASKET, 6V53 (1.5135)				1								
	5133899	GASKET, 3-53									1			

1.5000A FLYWHEEL HOUSING

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	2 8 0	2 8 1	2 8 8	2 9 0	3 0 1	3 0 3	3 0 6	3 1 0	3 1 1	3 1 2	3 1 4
		1.5030 - COVER, FLYWHEEL HOUSING LARGE HOLE											
5A,B	5122281	COVER	2	2	2	2	2	2	2	2	2	2	2
5A,B	179857	BOLT, 7/16"-14X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2
5A,B	122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8	8	8	8	8	8	8	8	8
5A,B	5150568	WASHER, 7/16" COPPER (2.4050)	2	2	2	2	2	2	2	2	2	2	2
5A,B	103323	LOCKWASHER, 1/2" (12.9200)	8	8	8	8	8	8	8	8	8	8	8
		1.5040 - GASKET, FLYWHEEL HOUSING LARGE HOLE COVER											
5A,B	5104506	GASKET	2	2	2	2	2	2	2	2	2	2	2
		1.5050 - COVER, FLYWHEEL HOUSING SMALL HOLE											
5A,B	5116411	COVER	2	2	2		2	2	2		2	2	
	5130992	* PLUG, CUP (3.4223)				AR				AR			AR
5A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	4	4	4		4	4	4		4	4	
5A,B	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR		AR	AR	AR		4	AR	
		* NOT SERVICED, REPLACE WITH COVER, GASKET AND BOLTS.											
		1.5060 - GASKET, FLYWHEEL HOUSING SMALL HOLE COVER											
5A,B	5116391	GASKET	2	2	2		2	2	2		2	2	
		1.5075 - GASKET, STARTING MOTOR HOLE COVER											
5A,B	5130995	GASKET (7.3004)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
		1.5080 - COVER, FLYWHEEL HOUSING INSPECTION HOLE											
	5125233	COVER	2										
	181309	BOLT, 1/4"-28X1/2" (12.9001)	4										
	103319	LOCKWASHER, 1/4" (12.9200)	4										

1.5000A FLYWHEEL, HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 1 5	3 1 7	3 2 1	3 2 2	3 2 5	3 2 6	3 2 7	3 2 8	3 3 0	3 3 1	3 3 3	3 3 4
1.5001 - HOUSING ASSY., FLYWHEEL														
5B	5135608	HOUSING, (SAE #2) 8V53	1											
5A	5135024	* HOUSING, (SAE #2) 6V53 (TYPE 327)		1										
5A	5119355	* HOUSING, (SAE #2) 4-53 (TYPE 357)			1									
5B	5132282	HOUSING, (SAE #2) 6V53				1								
5B	5101505	HOUSING, (SAE #3) 6V53 (ALUM.)					1	1						
5B	5134099	HOUSING, (SAE #2) 6V53							1					
5A	5132258	HOUSING, (SAE #3) 2,3,4-53								1				
5A	5132263	HOUSING, (SAE #4) 2,3,4-53									1			
5B	5132249	HOUSING, (SAE #1) 6V53										1		
5A	5132265	HOUSING, (SAE #4) 2,3,4-53											1	
5B	5135787	HOUSING, (SAE #2) 8V53												1
	444044	ELBOW, 1/2"-90 DEG. STREET (12.9590)											1	
	108686	ELBOW, 1/2"-90 DEG. STREET (12.9590)											1	
	452696	INSERT, HELICOIL 3/8"-16X3/4" (12.9118)											1	
	452736	INSERT, HELICOIL 1/2"-14X3/4" (12.9118)						10	10					
	5123802	SHIM, IDLER PAD (1.5002)						4	4					
	5164294	SPACER, 1/8" (7.1581)						1	1					
5A,B	5145014	PLUG, 3/8" PIPE (12.9550)						2						
	5115214	PLUG, 1/2" PIPE (12.9550)	1	1	1	1	1	1	1	1	1	1	1	1
	141195	PIN, 1/4"X5/8" DOWEL (12.9290)		1		1	1	1	1					
5A,B	9409126	BOLT, 5/16"-18X2 1/2" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
	179838	BOLT, 3/8"-16X7/8" (12.9001)			5					5	5			
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)			1					1				
	5101779	BOLT, 3/8"-16X7/8" (12.9001)									1	1		
5A,B	9414215	BOLT, 3/8"-16X2 1/2" (12.9001)	4	4	4	4	4		4	4	4	4	4	4
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)		8	6	8	8		8	6		8		
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)	8	2		2		8	2			2		8
	9409071	BOLT, 3/8"-16X2 3/4" (12.9001)						4						
	186283	BOLT, 3/8"-16X3 1/2" (12.9001)	3	3										3
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)	6	6		6	8		6		6		6	
	272473	BOLT, 3/8"-16X3 7/8" (12.9001)						1						
	455537	BOLT, 3/8"-16X4" (12.9001)	2	1			1	7						2
	192884	BOLT, 3/8"-16X6 3/4" (12.9001)	2											2
	186309	BOLT, 3/8"-24X3 1/4" (12.9001)	2	2		2	2	2	2			2		2
	186310	BOLT, 3/8"-24X3 1/2" (12.9001)	2	2		2	2	2	2			2		2
	5170489	BOLT, 3/8"-24X3 9/16" LOCK (12.9001)			3					3	3		3	
	9425364	BOLT, 3/8"-24X4 1/2" (12.9001)						1						
	103341	WASHER, 3/8" (12.9490)	1	25			25	25						1
	120393	WASHER, 5/16" PLAIN CAD. (12.9190)					2	2						
5A,B	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	102635	NUT, 3/8"-16 (12.9120)					1							
	117049	NUT, 3/8"-24 (12.9120)	2	2		2	2	2	2			2		2
* NOT SERVICED; CONVERT TO TYPE SHOWN IN PARENTHESES.														

1.5000A FLYWHEEL HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 1 5	3 1 7	3 2 1	3 2 2	3 2 5	3 2 6	3 2 7	3 2 8	3 3 0	3 3 1	3 3 3	3 3 4
		1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE												
	5123802	SHIM	1			1			1	1	1		1	
		1.5004 - SEAL, CRANKSHAFT OIL SEAL - REAR												
	5116229	SEAL (1.3060)					1							
		1.5010 - GASKET, FLYWHEEL HOUSING												
5A,B	5132947	GASKET, 8V53	1											1
	5175882	GASKET, (7/8" DIA.) 6,8V53 (4.4115)			1	1	1	1	1			1		1
5A,B	5137470	GASKET, 6V53		1		1	1	1	1			1		
5A,B	5121334	GASKET, 2,3,4-53			1					1	1		1	
		1.5020 - GASKET, FLYWHEEL HOUSING BELL												
	5134188	GASKET, 6,8V53				1	1							
	5108426	GASKET, 6V53 (1.5135)										1		
		1.5030 - COVER, FLYWHEEL HOUSING LARGE HOLE												
5A,B	5122281	COVER	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	179857	BOLT, 7/16"-14X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8	8	8	8	8	8	8	8	8	8
5A,B	5150568	WASHER, 7/16" COPPER (2.4050)	2	2	2	2	2	2	2	2	2	2	2	2
	5125108	WASHER, 7/16"X3/4" (2.4030)					2							
	106264	WASHER, 1/2" BRASS (12.9190)	8											
5A,B	103323	LOCKWASHER, 1/2" (12.9200)		8	8	8	8	8	8	8	8	8	8	8
		1.5040 - GASKET, FLYWHEEL HOUSING LARGE HOLE COVER												
5A,B	5104506	GASKET	2	2	2	2	2	2	2	2	2	2	2	2
		1.5050 - COVER, FLYWHEEL HOUSING SMALL HOLE												
	5133210	COVER (BLOWER DRIVE HOLE)	1											1
5A,B	5152716	COVER (3.4223)	AR	AR		AR	AR	AR	AR			AR		AR
5A,B	5116411	* COVER			AR					AR	AR		AR	
	5130992	@ PLUG, CUP (3.4223)	AR	AR		AR	AR	AR		AR	AR		AR	AR
5A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	AR	AR	2	AR	AR	AR	6	AR	AR		2	AR
	179823	BOLT, 5/16"-18X1 5/8" (12.9001)	4											4
	192883	BOLT, 3/8"-16X5 1/4" (12.9001)	1											1
	103341	WASHER, 3/8" (12.9190)	1											1
5A,B	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
		* USE "2" FOR A TWO, "2" FOR A THREE, AND "1" FOR A FOUR.												
		@ NOT SERVICED; REPLACE WITH (1) 5152716 COVER, (3) 186625 BOLTS, (3) 103320 LOCK WASHERS, (1) 5150193 GASK ET.												

1.5000A FLYWHEEL, HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	315	317	321	322	325	326	327	328	330	331	333	334
	1.5060	GASKET, FLYWHEEL HOUSING SMALL HOLE COVER												
5A,B	5133082	GASKET (BLOWER DRIVE HOLE COVER)	1											1
5A,B	5150193	GASKET (5.1010)	AR	AR		AR	AR	AR	AR			AR		AR
5A,B	5116391	GASKET			2					2	2		2	
	1.5075	GASKET, STARTING MOTOR HOLE COVER												
5A,B	5130995	GASKET (7.3004)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

1.5000A FLYWHEEL HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 3 7	3 3 8	3 3 9	3 4 0	3 4 2	3 4 3	3 4 4	3 4 5	3 4 6	3 4 7	3 4 8	3 4 9
1.5001 - HOUSING ASSY., FLYWHEEL														
5B	5132267	HOUSING, (SAE #3) 6V53	1											
5B	5135310	HOUSING, (SAE #1) 6V53		1										
5A	5132965	HOUSING, (SAE #3) 2,3,4-53			1					1		1		
5B	5132282	HOUSING, (SAE #2) 6V53				1								
5A	5132264	HOUSING, (SAE #4) 3-53					1							
5A	5132246	* HOUSING, (SAE #3) 2,3-53						1	1		1			
5A	5132269	HOUSING, (SAE #3) 6V53											1	
5A	8924582	HOUSING, (SAE #3) 2,3,4-53												1
5A,B	5145014	PLUG, 3/8" PIPE (12.9550)			1			1	1	1	1	1		1
	5115214	PLUG, 1/2" PIPE (12.9550)	1			1	1							1
	5142549	PLUG, 3/4" PIPE (12.9550)		1										
5A,B	5111798	PLUG, 1" SQ. SKT. (12.9550)						1						
5A,B	5146646	PLUG, 1 1/4" PIPE (12.9550)			1			1						
	141195	PIN, 1/4"X5/8" DOWEL (12.9290)	1	1		1								
5A,B	9409126	BOLT, 5/16"-18X2 1/2" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)	1			1					1	1		
	5101779	BOLT, 3/8"-16X7/8" LOCK (12.9001)			1		1			2			1	1
	179838	BOLT, 3/8"-16X7/8" (12.9001)								7				
5A,B	9414215	BOLT, 3/8"-16X2 1/2" (12.9001)	4	4	4	4	4	4	4	4	4	4	4	4
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	8	8	6	8	6	6	6	6	6	6	6	6
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)	2	2		2								
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)	6	6		6							6	
	186309	BOLT, 3/8"-24X3 1/4" (12.9001)	2	2		2								
	186310	BOLT, 3/8"-24X3 1/2" (12.9001)	2	2		2								
	5170489	BOLT, 3/8"-24X3 9/16" LOCK (12.9001)												
5A,B	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	3	AR	3	3	3	3	3	3	3	3
	117049	NUT, 3/8"-24 (12.9120)	2	2		2								
		* NOT SERVICED; USE 5146903 PLUS (1) 5145014, (1) 5142549, (1) 5146646 PLUGS.												
1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE														
	5123802	SHIM	1	1	1	1	1	1	1	1	1	1	1	1
1.5010 - GASKET, FLYWHEEL HOUSING														
5A,B	5175882	GASKET, 7/8" DIA. 6, 8V53 (4.4115)	1	1		1							1	
5A,B	5137470	GASKET, 6V53	1	1		1								
5A,B	5121334	GASKET, 2,3,4-53			1		1	1	1	1	1	1	1	1
1.5020 - GASKET, FLYWHEEL HOUSING BELL														
	5108426	GASKET, 6V53 (1.5135)		1										
	5127184	GASKET, 4-53									1	1		

1.5000A FLYWHEEL HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 3 7	3 3 8	3 3 9	3 4 0	3 4 2	3 4 3	3 4 4	3 4 5	3 4 6	3 4 7	3 4 8	3 4 9
1.5030 - COVER, FLYWHEEL HOUSING LARGE HOLE														
5A,B	5122281	COVER	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	179857	BOLT, 7/16"-14X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8	8	8	8	8	8	8	8	8	8
5A,B	5150568	WASHER, 7/16" COPPER (2.4050)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	103323	LOCKWASHER, 1/2" (12.9200)	8	8	8	8	8	8	8	8	8	8	8	8
1.5040 - GASKET, FLYWHEEL HOUSING LARGE HOLE COVER														
5A,B	5104506	GASKET	2	2	2	2	2	2	2	2	2	2	2	1
1.5050 - COVER, FLYWHEEL HOUSING SMALL HOLE														
5A,B	5152716	COVER (3.4223)	AR	AR		AR								
5A,B	5116411	* COVER			1		2	2	1	1	1	1	1	AR
5A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	AR	AR	2	AR	4	4	2	2	2	2	2	AR
5A,B	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	4	AR	4	4	4	4	4	4	4	4
* USE "2" FOR A TWO, "2" FOR A THREE, AND "1" FOR A FOUR.														
1.5060 - GASKET, FLYWHEEL HOUSING SMALL HOLE COVER														
5A,B	5150193	GASKET (5.1010)	AR	AR		AR								
5A,B	5116391	GASKET			2		2	2	2	2	2	2	2	2
1.5075 - GASKET, STARTING MOTOR HOLE COVER														
5A,B	5130995	GASKET (7.3004)	AR	AR	AR	AR	AR	AR		AR	AR	AR	AR	AR
1.5080 - COVER, FLYWHEEL HOUSING INSPECTION HOLE														
	5108939	COVER	2										2	
	181309	BOLT, 1/4"-28X1/2" (12.9001)	4										4	
	120392	WASHER, 9/32"X5/8" ZINC (12.9190)	4										4	
	120380	LOCKWASHER, 1/4" (12.9200)	4										4	

1.5000A FLYWHEEL, HOUSING

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	350	351	354	356	357	358	359	360	361	363	365	371
1.5001 - HOUSING ASSY., FLYWHEEL														
FOR TYPE 368 AND 369 USE TYPE 208.														
5B	5132252	HOUSING, (SAE #3) 6V53	1											
5A	5132268	HOUSING, (SAE #3) 4-53		1										
5B	5135961	* HOUSING, (SAE #2) 8V53			1									
5A	5136248	HOUSING, (SAE #3) 3-53				1								
5A	5132247	HOUSING, (SAE #2) 2,3,4-53					1							
5B	5132282	HOUSING, (SAE #2) 6V53						1						
5A	5132255	HOUSING, (SAE #2) 2,3,4-53							1					
5A	5132248	HOUSING, (SAE #2) 2,3,4-53								1				
5B	5132251	HOUSING, (SAE #2) 6V53									1			
5B	5132266	HOUSING, (SAE #1) 6V53										1		
5B	5133931	HOUSING, (SAE #3) 8V53											1	
5B	5140107	HOUSING, (SAE #1) 8V53												1
	141195	PIN, 1/4"X5/8" DOWEL (12.9290)	1					1			1	1		
5A,B	5145014	PLUG, 3/8" PIPE (12.9550)				1								
5A,B	5115214	PLUG, 1/2" PIPE (12.9550)	1		1		1	1	1	1	1	1	1	1
5A,B	5146646	PLUG, 1 1/4" PIPE (12.9550)						1						
5A,B	9409126	BOLT, 5/16"-18X2 1/2" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
	9409079	BOLT, 3/8"-16X7/8" (LOCK) (12.9001)				1								
	5101779	BOLT, 3/8"-16X7/8" (LOCK) (12.9001)		1			1		1	1				
	179838	BOLT, 3/8"-16X7/8" (12.9001)					5	5	5	5				
5A,B	9414215	BOLT, 3/8"-16X2 1/2" (LOCK) (12.9001)	4	4	4	4	4	4	4	4	4	4	4	4
5A,B	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	8	6		6	6	8	6	6	8	8		
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)	2		8			2			2	2	8	10
	186283	BOLT, 3/8"-16X3 1/2" (12.9001)			3								3	3
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)	6		6			6			6	6	6	6
	455537	BOLT, 3/8"-16X4" (12.9001)			2								2	2
	215510	BOLT, 3/8"-16X5 3/4" (12.9001)			2								2	
5A,B	192884	BOLT, 3/8"-16X6 3/4" (12.9001)			2									
	186309	BOLT, 3/8"-24X3 1/4" (12.9001)	2		2			2			2	2	2	2
	186310	BOLT, 3/8"-24X3 1/4" (12.9001)	2		2			2			2	2	2	2
5A,B	5170489	BOLT, 3/8"-24X3 9/16" (12.9001)		3		3	3		3	3				
5A,B	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	103341	WASHER, 3/8" (12.9190)			AR								AR	AR
	117049	NUT, 3/8"-24 (12.9120)	2		2			2			2	2	2	2
* OBSOLETE														
1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE														
5123802	SHIM		1	1	1	1	1	1	1	1	1	1	1	1
1.5010 - GASKET, FLYWHEEL HOUSING														
5A,B	5132947	GASKET, 8V53			1								1	1
5A,B	5137470	GASKET, 6V53	1					1			1	1		
5A,B	5121334	GASKET, 2,3,4-53		1		1	1		1	1				

1.5000A FLYWHEEL, HOUSING

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			3 5 0	3 5 1	3 5 4	3 5 6	3 5 7	3 5 8	3 5 9	3 6 0	3 6 1	3 6 3	3 6 5	3 7 1
		1.5010 - GASKET, FLYWHEEL HOUSING (CONT'D)												
	5175882	GASKET, 7/8" DIA. 6, 8V53 (4.4115)	1		1			1			1	1	1	1
		1.5030 - COVER, FLYWHEEL HOUSING LARGE HOLE												
5A,B	5122281	COVER (PLAIN)	2	2	2	2	2	2	2	2	2	2	2	2
	5135572	COVER												2
5A,B	179857	BOLT, 7/16"-14X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	10
5A,B	122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8	8	8	8	8	8	8	8	8	8
5A,B	5125108	WASHER, 7/16" COPPER (2.4050)	2	2	2	2	2	2	2	2	2	2	2	10
	103343	WASHER, 1/2" (12.9190)	1		8								8	8
5A,B	103323	LOCKWASHER, 1/2" (12.9200)	8	8		8	8	8	8	8	8	8		
		1.5040 - GASKET, FLYWHEEL HOUSING LARGE HOLE COVER												
5A,B	5104506	GASKET	2	2	2	2	2	2	2	2	2	2	2	2
	5135600	GASKET												2
		1.5050 - COVER, FLYWHEEL HOUSING SMALL HOLE												
5A,B	5116411	COVER		2		2	2			2				
	5133210	COVER (BLOWER DRIVE HOLE)			1								1	1
5A,B	5152716	COVER (3.4223)	2		2			2			2	2		
5A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	6	4	6	4	4	6	4	4	6	6		
	179823	BOLT, 5/16"-18X1 5/8" (12.9001)			4								4	4
	192883	BOLT, 3/8"-16X5 1/4" (12.9001)			1								1	1
	103341	WASHER, 3/8" (12.9190)			1								1	1
5A,B	103320	LOCKWASHER, 5/16" (12.9200)	6	4	10	4	4	6	4	4	6	6	10	10
		1.5060 - GASKET, FLYWHEEL HOUSING SMALL HOLE COVER												
5A,B	5150193	GASKET (5.1010)	2		2			2			2	2		
5A,B	5116391	GASKET (5.1010)		2		2	2		2	2				
	5133082	GASKET (BLOWER DRIVE HOLE COVER)			1								1	1
		1.5075 - GASKET, STARTING MOTOR HOLE COVER												
5A,B	5130995	GASKET (7.3004)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
		1.5080 - COVER, FLYWHEEL HOUSING INSPECTION HOLE												
	5108939	COVER		2								2		
	181309	BOLT, 1/4"-28X1/2" (12.9001)		4								4		
	120380	LOCKWASHER, 1/4" (12.9200)		4								4		
	120392	WASHER, 9/32"X5/8" ZINC (12.9190)		4								4		

1.5000A FLYWHEEL HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 7 4	3 7 5	3 7 6	3 7 8	3 7 9	3 8 0	3 8 1	3 8 4	3 8 6	3 8 7	3 8 8	3 8 9
1.5001 - HOUSING ASSY., FLYWHEEL														
5B	5137293	HOUSING, (SAE #3) 6V53	1											
5A	8924580	HOUSING, (SAE #3) 3-53		1										
5A	5136997	HOUSING, (SAE #3) 3-53			1									
5A	5132247	HOUSING, (SAE #2) 3-53				1				1				
5A	5132246	* HOUSING, (SAE #3) 2-53					1							
5A	5132261	HOUSING, (SAE #3) 3,4-53						1						
5B	5135608	HOUSING, (SAE #2) 8V53							1					
5A	5136769	+ HOUSING, (SAE #3) 3-53									1			
5B	5132249	@ HOUSING, (SAE #1) 6V53										1		
5A	5132773	HOUSING, (SAE #3) 3-53											1	1
	141195	PIN, 1/4"X5/8" DOWEL (12.9290)	1									1		
5A,B	5145014	PLUG, 3/8" PIPE (12.9550)		1	1			1					1	1
5A,B	5115214	PLUG, 1/2" PIPE (12.9550)	1						1			1		
5A,B	5146646	PLUG, 1 1/4" PIPE (12.9550)	1											
5A,B	9409126	BOLT, 5/16"-18X2 1/2" (12.9001)	2	1	2	2	2	2	2	2	2	2	2	2
	9409079	BOLT, 3/8"-16X7/8" (LOCK) (12.9001)		2			1			1	1			1
	5101779	BOLT, 3/8"-16X7/8" (LOCK) (12.9001)			1			1					1	
	179838	BOLT, 3/8"-16X7/8" (12.9001)			5	5	5	5	5	5	5	5	5	5
5A,B	9414215	BOLT, 3/8"-16X2 1/2" (LOCK) (12.9001)	4	4	4	4	4	4	4	4	4	4	4	4
5A,B	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	8	6	6	6	6			6	6		6	6
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)	2						8			2		
	186283	BOLT, 3/8"-16X3 1/2" (12.9001)							3					
5A,B	191249	BOLT, 3/8"-16X3 3/4" (12.9001)	6						4			6		
5A,B	455537	BOLT, 3/8"-16X4" (12.9001)							4					
5A,B	192884	BOLT, 3/8"-16X6 3/4" (12.9001)							2					
	186309	BOLT, 3/8"-24X3 1/4" (12.9001)	2			2			2					
	186310	BOLT, 3/8"-24X3 1/4" (12.9001)	2			2			2					
	5170489	BOLT, 3/8"-24X3 9/16" (12.9001)		3	3	3	3	3		3			3	3
5A,B	5135321	BOLT, 3/8"-24X3 11/16"									3		2	
5A,B	120393	WASHER, 5/16" (12.9190)									2		13	
	103341	WASHER, 3/8" (12.9190)							13		13			
5A,B	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	117049	NUT, 3/8"-24 (12.9120)	2						2			2		
		* NOT SERVICED, REPLACE WITH 5146903 HOUSING, PLUS 1-5145014, 1-5142549 AND 1-5146646 PLUGS.												
		@ INCLUDES INTEGRAL IDLER GEAR HOLE SPACER IN 1.7260 EFFECTIVE WITH 3D-54115.												
		+ OBSOLETE.												
1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE														
	5123802	SHIM	1	1				1	1			1	1	
1.5010 - GASKET, FLYWHEEL HOUSING														
5A,B	5132947	GASKET, 8V53							1					
5A,B	5137470	GASKET, 6V53	1									1		
5A,B	5121334	GASKET, 2,3,4-53	1	1	1	1	1	1		1	1		1	1

1.5000A FLYWHEEL, HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 7 4	3 7 5	3 7 6	3 7 8	3 7 9	3 8 0	3 8 1	3 8 4	3 8 6	3 8 7	3 8 8	3 8 9
	1.5010	GASKET, FLYWHEEL HOUSING (CONT'D)												
	5175882	GASKET, (7/8" DIA.) 6,8V53 (4.4115)	1						1			1		
	1.5020	GASKET, FLYWHEEL HOUSING BELL												
	5108426	GASKET, 6V53										1		
	1.5030	COVER, FLYWHEEL HOUSING LARGE HOLE												
5A,B	5122281	COVER (PLAIN)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	5132184	COVER	1									1		
5A,B	179857	BOLT, 7/16"-14X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8	8	8	8	8	8	8	8	8	8
5A,B	5150568	WASHER, 7/16" COPPER (2.4050)	2	2	2	2	2	2		2	2	2	2	2
5A,B	5125108	WASHER, 7/16" STEEL (2.4030)							2					
	103343	WASHER, 1/2" (12.9190)							8					
5A,B	103323	LOCKWASHER, 1/2" (12.9200)	8	8	8	8	8	8		8	8	8	8	8
	1.5040	GASKET, FLYWHEEL HOUSING LARGE HOLE COVER												
5A,B	5104506	GASKET	2	2	2	2	2	2	2	2	2	2	2	2
	1.5050	COVER, FLYWHEEL HOUSING SMALL HOLE												
5A,B	5116411	COVER		2	2	2	2	2		2			2	
5A,B	5152716	COVER (3.4223)	2									2		
5A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	6	4	4	4	4	4		4		6	4	4
	179823	BOLT, 5/16"-18X1 5/8" (12.9001)							4					
	192883	BOLT, 3/8"-16X5 1/4" (12.9001)							1					
	103341	WASHER, 3/8" (12.9190)							1					
5A,B	103320	LOCKWASHER, 5/16" (12.9200)	6	4	4	4	4	4	10	4		6	4	4
	1.5060	GASKET, FLYWHEEL HOUSING SMALL HOLE COVER												
5A,B	5150193	GASKET (5.1010)	2									2		
5A,B	5116391	GASKET (5.1010)		2	2	2	2	2		2			2	2
	1.5075	GASKET, STARTING MOTOR HOLE COVER												
5A,B	5130995	GASKET (7.3004)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

1.5000A FLYWHEEL, HOUSING

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	3 7 4	3 7 5	3 7 6	3 7 8	3 7 9	3 8 0	3 8 1	3 8 4	3 8 6	3 8 7	3 8 8	3 8 9
1.5080 - COVER, FLYWHEEL HOUSING INSPECTION HOLE														
5125233	COVER		2					2						
181309	BOLT, 1/4"-28X1/2" (12.9001)		4					4						
120380	LOCKWASHER, 1/4" (12.9200)		4					4						
1.5096 - HOSE, FLYWHEEL HOUSING DRAIN														
5124238	HOSE, 3/8" I.D. X 50" L. (1.1060)						1							
5120998	CONNECTOR, 3/8"-90 DEG. HOSE (1.1100)				1	1				1				
8924158	BUSHING, 1/2" X 3/8" (12.9570)				1					1				

1.5000A FLYWHEEL HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 9 2	3 9 3	3 9 6	3 9 7	3 9 9	4 0 4	4 0 5	4 0 6	4 0 7	4 1 0	4 1 2	4 1 5
1.5001 - HOUSING ASSY., FLYWHEEL														
5A	5198474	# HOUSING, (SAE #3) 4-53	1											
5B	5132270	HOUSING, (SAE #2) 6V53		1										
5A	5138568	= HOUSING, (SAE #3) 6V53 (SD-113)			1									
5B	5138882	HOUSING, (SAE #2) 6V53				1								
5A	5132247	HOUSING, (SAE #2) 4-53					1							
5A	5139315	HOUSING, (SAE #3) 4-53						1						
5B	5139154	HOUSING, (SAE #2) 6V53							1					
5A	5119351	HOUSING, (SAE #4) 2-53								1				
5A	5139568	HOUSING, (SAE #3) 3-53									1			
5A	5132259	HOUSING, (SAE #3) 3-53										1		
5B	5140393	HOUSING, (SAE #3) 6V53											1	
5A	5139908	* HOUSING, (SAE #3) 3-53												1
	5116220	SPACER (1.7260)								1				
	452664	INSERT, 5/16"-18X5/16" (12.9118)									6			
	452692	INSERT, 3/8"-16X9/16" (12.9118)									3			
	452696	INSERT, 3/8"-16X3/4" (12.9118)									10			
	452788	INSERT, 5/8"-11X15/16" (12.9118)									3			
	5145014	PLUG, 3/8" PIPE (12.9550)	1					1				1		1
	5115214	PLUG, 1/2" PIPE (12.9550)			1	1	1		1	1			1	
	5103187	PLUG, 3/4" PIPE (12.9550)	1											
	5146646	PLUG, 1 1/4" PIPE (12.9550)	1					1						
	141195	PIN, 1/4"X5/8" DOWEL (12.9290)		1	1	1			1				1	
5A,B	9409126	BOLT, 5/16"-18X2 1/2" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
	179838	BOLT, 3/8"-16X7/8" (12.9001)	5				7	7		4	6	5		5
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)	1					1		1				1
	5101779	BOLT, 3/8"-16X7/8" LOCK (12.9001)					1					1		
	179839	BOLT, 3/8"-16X1" (12.9001)									6			
5A,B	5157244	BOLT, 3/8"-16X1 3/4" (12.9001)								1				
	9414215	BOLT, 3/8"-16X2 1/2" (12.9001)	4	4	4	4	4	4	4	4	4	4	4	4
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	6	8	8	8	6		6	6	6	6	8	6
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)		2	2	2			2				2	
	179851	BOLT, 3/8"-16X3" (12.9001)									6			
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)		6	6	6			6				6	
	5170491	BOLT, 3/8"-24X2 21/32" LOCK (12.9001)									3			
	5170489	BOLT, 3/8"-24X3 9/16" (12.9001)	3				3	3		3				3
	186309	BOLT, 3/8"-24X3 1/4" (12.9001)		2	2	2			2				2	
	186310	BOLT, 3/8"-24X3 1/2" (12.9001)		2	2	2			2				2	
	120393	WASHER, 5/16" (12.9190)									2			
	103341	WASHER, 3/8" (12.9190)									AR			
5A,B	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	117049	NUT, 3/8"-24 (12.9120)		2	2	2			2				2	
	# NOT SERVICED; SUPERSEDED BY													
	5146903 PLUS (1) 5145014, (1)													
	5142549 AND (1) 5146646 PLUGS.													
	* OBSOLETE													
	= NOT SERVICED, USE 5123719,													
	5116220 AND 5157244.													

1.5000A FLYWHEEL HOUSING

PART			TYPES											
..FIG	..NUMBER	NAME AND DESCRIPTION	3 9 2	3 9 3	3 9 6	3 9 7	3 9 9	4 0 4	4 0 5	4 0 6	4 0 7	4 1 0	4 1 2	4 1 5
		1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE												
	5123802	SHIM	1	1	1	1	1	1	1	1	1	1	1	1
		1.5004 - SEAL, CRANKSHAFT OIL SEAL - REAR												
	5116229	SEAL (1.3060)									1			
		1.5010 - GASKET, FLYWHEEL HOUSING												
5A,B	5175882	GASKET, (7/8" DIA.) 6,8V53 (4.4115)		1	1	1			1				1	
	5137470	GASKET, 6V53		1	1	1			1				1	
	5121334	GASKET, 2,3,4-53	1				1	1		1	1	1		1
		1.5020 - GASKET, FLYWHEEL HOUSING BELL												
	5134188	GASKET, 4-53					1							
	5133899	GASKET, 2-53								1				
		1.5030 - COVER, FLYWHEEL HOUSING LARGE HOLE												
5A,B	5122281	COVER	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	179857	BOLT, 7/16"-14X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8	8	8	8	8	8	8	8	8	8
5A,B	5150568	WASHER, 7/16" COPPER (2.4050)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	103323	LOCKWASHER, 1/2" (12.9200)	8	8	8	8	8	8	8	8	8	8	8	8
		1.5040 - GASKET, FLYWHEEL HOUSING LARGE HOLE COVER												
5A,B	5104506	GASKET	2	2	2	2	2	2	2	2	2	2	2	2
		1.5050 - COVER, FLYWHEEL HOUSING SMALL HOLE												
5A,B	5116411	COVER	2							2				
	5152716	COVER (3.4223)		2								1		
	5155815	COVER (TACHOMETER HOLE) (1.7490)										1		
	5130992	# PLUG, CUP (3.4223)			2	2								
	9419648	SCREW, 5/16"-18X3/4" SELF-TAP (12.9066)												
5A,B	179816	BOLT, 5/16"-18X1 5/16" (12.9001)										2		
5A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	4	6						4		3		
5A,B	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR						AR		AR		
		# NOT SERVICED; REPLACE WITH 2-5152716 COVERS, 2-5150193 GASKETS, 6-186625 BOLTS AND 6-103320 LOCKWASHERS.												
		1.5060 - GASKET, FLYWHEEL HOUSING SMALL HOLE COVER												
5A,B	5150193	GASKET (5.1010)		2								1		
	5116391	GASKET	2							2				
	5135935	GASKET (TACHOMETER COVER) (1.4455)										1		

DETROIT DIESEL

53 MPC ENGINES

1.5000A FLYWHEEL, HOUSING

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	3 9 2	3 9 3	3 9 6	3 9 7	3 9 9	4 0 4	4 0 5	4 0 6	4 0 7	4 1 0	4 1 2	4 1 5
	1.5075	- GASKET, STARTING MOTOR HOLE COVER												
	5130995	GASKET (7.3004)	AR											
	1.5080	- COVER, FLYWHEEL HOUSING INSPECTION HOLE												
	5108939	COVER			2								2	
	5125233	COVER										2		
	181309	BOLT, 1/4"-28X1/2" (12.9001)			4							4	4	
	103319	LOCKWASHER, 1/4" (12.9200)			4							4	4	

1.5000A FLYWHEEL HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 1 6	4 2 4	4 2 6	4 3 1	4 3 3	4 4 6	4 4 7	4 5 1	4 5 4	4 6 7	4 7 0	4 8 9
1.5001 - HOUSING ASSY., FLYWHEEL														
5A	5140558	HOUSING, (AUTOMOTIVE) 3,4-53	1											
5A	5137813	# HOUSING (SAE #3) 4-53		1										
5B	5136838	+ HOUSING, (SAE #3) 8V53			1									
5B	5140370	HOUSING (SAE #2) 6V53				1								
5A	5132247	HOUSING (SAE #2) 4-53					1							
5A	5142479	+ HOUSING, (SAE #3) 4-53						1						
5B	5141887	HOUSING, (SAE #2) 8V53							1					
5B	5143807	HOUSING, (SAE #3) 8V53								1				
5A	5142630	HOUSING, (SAE #2) 4-53									1			
5A	5145038	HOUSING, (SAE #2) 4-53										1		
5A	5144952	HOUSING, (SAE #3) 3-53											1	
5A	8924510	HOUSING, (SAE #3) 2-53												1
	452664	INSERT, 5/16"-18X5/16" (12.9118)			4									
	452692	INSERT, 3/8"-16X9/16" (12.9118)			12									
	452720	INSERT, 7/16"-14X7/8" (12.9118)			2									
	452736	INSERT, 1/2"-13X3/4" (12.9118)			16									
	452788	INSERT, 5/8"-11X15/16" (12.9118)			3									
	5145014	PLUG, 3/8" PIPE (12.9550)						1					1	
	5115214	PLUG, 1/2" PIPE (12.9550)				1	1	1		1			1	
	5142549	PLUG, 3/4" PIPE (12.9550)												1
	5111798	PLUG, 1" PIPE (2.7001)									1			
	5146646	PLUG, 1 1/4" PIPE (12.9550)											1	1
	141195	PIN, 1/4"X5/8" DOWEL (12.9290)			1	1								
5A,B	9409126	BOLT, 5/16"-18X2 1/2" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
	9409079	BOLT, 3/8"-16X7/8" LOCK (12.9001)		1			1	1			1	1	1	1
	5101779	BOLT, 3/8"-16X7/8" (12.9001)										1		
5A,B	179838	* BOLT, 3/8"-16 X 7/8" (12.9001)	AR	7			5	5			7	5	5	5
	9414215	BOLT, 3/8"-16X2 1/2" (12.9001)	4	4	4	4	4	4	4	4	4	4	4	4
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)		8	6	8	6	6			6	6	6	6
	186278	BOLT, 3/8"-16X2 5/8" (12.9001)			2									
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)				2			8	8				
	186283	BOLT, 3/8"-16X3 1/2" (12.9001)							3	3				
	214265	+ BOLT, 3/8"-16X3 3/4" (12.9001)			6									
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)				6			4	6				
	455537	BOLT, 3/8"-16X4" (12.9001)								2				
	215510	BOLT, 3/8"-16X5 3/4" (12.9001)								2				
	192884	BOLT, 3/8"-16X6 3/4" (12.9001)												
	5170491	BOLT, 3/8"-24X2 21/32" LOCK (12.9001)	3											
	5170489	BOLT, 3/8"-24X3 9/16" (12.9001)		3			3	3			2	3	3	3
	186309	BOLT, 3/8"-24X3 1/4" (12.9001)			2	2			2	2	1			
	186310	BOLT, 3/8"-24X3 1/2" (12.9001)			2	2			2	2				
	8920763	SPACER, .385" I.D.X1.00" O.D.X.013" THK. (3.4137)								1				
5A,B	103341	WASHER, 3/8" (12.9190)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	103321	LOCKWASHER, 3/8" (12.9200)			2	2								
	117049	NUT, 3/8"-24 (12.9120)												
* USE 6 FOR A THREE CYLINDER AND 5 FOR A FOUR CYLINDER FOR TYPE 416.														
+ OBSOLETE.														
# NOT SERVICED, USE 5146903 AND ONE EACH OF 5145014 AND 5146046 PLUGS.														

1.5000A FLYWHEEL HOUSING

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	4 1 8	4 2 4	4 2 6	4 3 1	4 3 3	4 4 6	4 4 7	4 5 1	4 5 4	4 6 7	4 7 0	4 8 9
		1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE												
	5123802	SHIM	1	1	1	1		1	1	1	1	1	1	
		1.5004 - SEAL, CRANKSHAFT OIL-REAR												
	5116229	SEAL (1.3060)				1								
		1.5010 - GASKET, FLYWHEEL HOUSING												
5A,B	5175882	GASKET, 7/8" DIA. 6, 8V53 (4.4115)			1	1				1				
	5137470	GASKET, 6V53			1	1								
	5121334	GASKET, 2,3,4-53	1	1			1	1				1	1	1
	5132947	GASKET, 8V53							1	1	1			
		1.5020 - GASKET, FLYWHEEL HOUSING BELL												
	5127184	GASKET, 4-53		1										
		1.5030 - COVER, FLYWHEEL HOUSING LARGE HOLE												
5A,B	5122281	COVER	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	179857	BOLT, 7/16"-14X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
5A,B	122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8	8	8	8	8		8	8	8	8
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)								8				
5A,B	5150568	WASHER, 7/16" COPPER (2.4060)	2	2	2		2	2	2	2	2	2	2	2
5A,B	5125108	WASHER, 7/16" STEEL (2.4030)		2		2			2	2				
	103343	WASHER, 1/2" (12.9190)							8					
	106264	WASHER, 1/2" (12.9190)								8				
5A,B	103323	LOCKWASHER, 1/2" (12.9200)	8	8	8	8	8	8			8	8	8	8
		1.5040 - GASKET, FLYWHEEL HOUSING LARGE HOLE COVER												
5A,B	5104506	GASKET		2	2	2	2	2	2	2	2	2	1	2
		1.5050 - COVER, FLYWHEEL HOUSING SMALL HOLE												
	5116411	COVER		2			2	2			2	2		2
	5155815	COVER (TACHOMETER HOLE) (1.7490)	1											
	5133210	COVER												
	5152716	COVER (3.4223)				2			1	1				
	5130992	# PLUG, CUP (3.4223)												
	9419648	SCREW, 5/16"-18X3/4" SELF-TAP (12.9066)			2				2	2				
5A,B	186625	BOLT, 5/16"-18X7/8" (12.9001)	2											
	179823	BOLT, 5/16"-18X1 5/8" (12.9001)		4		6	4	4			4	4		4
	192883	BOLT, 3/8"-16X5 1/4" (12.9001)							4	4				
	446202	WASHER, 5/16" (12.9120)							1	1	1			
	103341	WASHER, 3/8" (12.9120)								1				
	120392	WASHER, 1/4" (12.9120)				4								

1.5000A FLYWHEEL HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 1 6	4 2 4	4 2 6	4 3 1	4 3 3	4 4 6	4 4 7	4 5 1	4 5 4	4 6 7	4 7 0	4 8 9
1.5050 - COVER, FLYWHEEL HOUSING SMALL HOLE (CONT'D)														
5A,B	103320	LOCKWASHER, 5/16" (12.9200) # NOT SERVICED; REPLACE WITH 2-5152716 COVERS, 2-5150193 GASKETS, 6-186625 BOLTS AND 6-103320 LOCKWASHERS.	AR	AR		AR	AR	AR	AR		AR	AR		AR
1.5060 - GASKET, FLYWHEEL HOUSING SMALL HOLE COVER														
5116391		GASKET		2			2	2	2		2	2		2
5150193		GASKET				2								
5135935		GASKET (TACHOMETER COVER) (7.4455)	1											
5133082		GASKET							1	1				
1.5080 - COVER, FLYWHEEL HOUSING INSPECTION HOLE														
5108939		COVER					2							
181309		BOLT, 1/4"-28X1/2" (12.9001)					4							
120393		WASHER, 9/32"X5/8" ZINC (12.9190)					4							
103319		LOCKWASHER, 1/4" (12.9200)					4							
1.5096 - HOSE, FLYWHEEL HOUSING DRAIN														
5124238	@	HOSE, 3/8" I.D. X 14 L. (1.1060)												1
5120998		CONNECTOR, 3/8"-90 DEG. HOSE (1.1100)												1
	@	BULK HOSE, CUT TO LENGTH SHOWN.												

1.5000A FLYWHEEL, HOUSING

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 9 0	4 9 1	5 0 7	5 3 4	5 8 3	6 0 3	6 1 0	6 1 3	6 1 4	6 4 7	6 5 3	6 5 4
1.5001 - HOUSING ASSY., FLYWHEEL														
5A	5148954	HOUSING (SAE #2) 4-53			1									
	5105035	HOUSING (NO BELL) 3, 4-53				1								
5B	5106585	HOUSING (SAE #2) 6V53					1							
	5119353	+ HOUSING (SAE #4) 2, 3, 4-53						1						
5A	8922480	HOUSING (SAE #2) 4-53							1					
	8924575	HOUSING (SAE #3) 2, 3, 4-53								1				
5B	8923364	HOUSING (SAE #3) 6V53									1			
5A	8924510	HOUSING (SAE #3) 2, 3, 4-53	1	1								1		
5A	8924580	HOUSING (SAE #3) 2, 3, 4-53											1	
	8924578	HOUSING (SAE #3) 3, 4-53												1
	141195	PIN, 1/4"X5/8" DOWEL (12.9290)					1				1			
	8924517	PLUG, 3/8" PIPE (12.9550)	1	1						1		1		
	5142549	PLUG, 3/4" PIPE (12.9550)	1	1								1		
	8924751	PLUG, 1 1/4" PIPE (12.9550)	1	1						1		1		
	8924750	PLUG, 1" PIPE (12.9550)												
	5115214	PLUG, 1/2" PIPE (12.9550)			1				1					
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	6	6	6		1	1			1			
	179850	BOLT, 3/8"-16X2 3/4" (12.9001)					2	6	6	6	8	6	6	6
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)					6				6			
	8927580	BOLT, 3/8"-16X7/8" (12.9001)	5	5	7	6		5	5	5		5	5	5
	9409126	BOLT, 5/16"-18X2 1/2" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2
	5101779	BOLT, 3/8"-16X7/8" LOCK (12.9001)	1	1				1	1	1		1	1	1
	8927580	BOLT, 3/8"-16X7/8" AA LOCK (12.9001)				1								
	9414215	BOLT, 3/8"-16X2 1/2" (12.9001)	4	4	4	4	4	4	4	4	4	4	4	4
	5170491	BOLT, 3/8"-24X2 21/32 LOCK(12.9001)				3								
	186309	BOLT, 3/8"-24X3 1/4" (12.9001)				1		2			2			
	186310	BOLT, 3/8"-24X3 1/2" (12.9001)						2			2			
	5170489	BOLT, 3/8"-24X3 9/16" (12.9001)	3	3	8			3	3	3		3	3	3
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	103026	NUT, 3/8"-24 (12.9120)					2				2			
	+ NOT SERVICED, USE 8924575 AND 1-5123802 SHIM.													
1.5002 - SHIM, FLYWHEEL HOUSING TO END PLATE														
	5123802	SHIM	1	1	1	1	1	1	1	1	1	1	1	1
1.5004 - SEAL, CRANKSHAFT OIL-REAR														
	5116229	SEAL (1.3060)				1					1			
	5128917	SEAL (1.3060)							1	1				
	8926902	SEAL (1.3060)					1					1	1	
1.5010 - GASKET, FLYWHEEL HOUSING														
	5121334	GASKET, 2,3,4-53	1	1	1	1		1	1	1		1	1	1
	5137470	GASKET, 6V53					1				1			
	5175882	GASKET, 6V53					1				1			

1.5000A FLYWHEEL HOUSING

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		4 9 0	4 9 1	5 0 7	5 3 4	5 8 3	6 0 3	6 1 0	6 1 3	6 1 4	6 4 7	6 5 3	6 5 4
1.5020 - GASKET, FLYWHEEL HOUSING BELL													
5127184	GASKET, 2,3,4-53	1	1					1			1		
5134188	GASKET, 4-53												
1.5030 - COVER, FLYWHEEL HOUSING LARGE HOLE													
5122281	COVER	1	1	2		2		2	2	2	2	2	2
5152716	COVER (3.4223)					2				2			
5150193	GASKET (5.1010)					2				2			
186625	BOLT, 5/16"-18X7/8" (12.9001)									6			
179857	BOLT, 7/16"-14X1" (12.9001)	2	2	2		2		2	2	2	2	2	2
122408	BOLT, 1/2"-13X1" (12.9001)	8	8	8		8		8	8	8	8	8	8
5150568	WASHER, 7/16" (COPPER) UPPER (2.4050)	2	2	2									
5125108	WASHER, 7/16" (2.4030)					2		2	2	2	2	2	2
103343	WASHER, 1/2" (12.9190)									1			
103320	LOCKWASHER, 5/16" (12.9200)									6			
103323	LOCKWASHER, 1/2" (12.9200)	8	8	8		8		8	8	8	8	8	8
1.5040 - GASKET, FLYWHEEL HOUSING LARGE HOLE COVER													
8922443	SEALANT, RTV (3.0 FL. OZ.) (12.8255)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
8922442	SEALANT, RTV (10.3 FL. OZ.) (12.8255)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
1.5050 - COVER, FLYWHEEL HOUSING SMALL HOLE													
5116411	COVER	2	2	1				2	2		2	2	2
5155815	COVER (TACHOMETER HOLE)(1.7490)				1								
186625	BOLT, 5/16"-18X7/8" (12.9001)	4	4	4		6		4	4		4	4	4
179816	BOLT, 5/16"-18X3/4" (12.9001)				2								
103320	LOCKWASHER, 5/16" (12.9200)	4	4	4	2	6		4	4		4	4	4
1.5060 - GASKET, FLYWHEEL HOUSING SMALL HOLE COVER													
5116391	GASKET	2	2	2				2	2		2	2	2
5135935	GASKET (TACHOMETER COVER) (7.4455)				1								
8922443	SEALANT, RTV (3.0 FL. OZ.) (12.8255)	AR	AR	AR	AR			AR	AR		AR	AR	AR
8922442	SEALANT, RTV (10.3 FL. OZ.) (12.8255)	AR	AR	AR	AR			AR	AR		AR	AR	AR
1.5080 - COVER, FLYWHEEL HOUSING INSPECTION HOLE													
5108939	COVER			2									2
5125233	COVER											2	
181309	BOLT, 1/4"-28X1/2" (12.9001)			4								4	4
120393	WASHER, 9/32"X5/8" ZINC (12.9190)			4								4	4
103319	LOCKWASHER, 1/4" (12.9200)			4								4	4