

3.4000 BLOWER

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	9 0	9 5	9 8	1 0 1	1 0 2	1 0 6	1 1 0	1 1 1	1 1 3	1 1 4	1 1 5	1 1 6
3.4427 - LEVER, AIR SHUTDOWN VALVE (CONT'D)														
103495	PIN, 5/16"X31/32" (12.9260)					1								
121926	BOLT, 1/4"-20X1 1/2" (12.9001)					1								
120392	WASHER, 1/4" (12.9190)					1								
120380	LOCKWASHER, 1/4" (12.9200)					1								
3.4428 - LEVER ASSY., AIR SHUTDOWN RESET														
5114974	HANDLE ASSY. (3.3110)					1								

3.4000 BLOWER AND DRIVE

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

TYPES

		1 2 0	1 2 1	1 2 2	1 2 7	1 2 9	1 3 0	1 3 2	1 3 3	1 3 4	1 3 5	1 3 6	1 3 7	
3.4001 - BLOWER ASSY.														
NOTE: SEE ASSEMBLY BREAKDOWN FOR COMPONENTS OF SERVICED BLOWER ASSYS. AS INDICATED.														
A 2 CYLINDER BASIC BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4420 EXCEPT 3.4180 AND 3.4190.														
A 3 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4140.														
A 4 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4163 AND 3.4370 THRU 3.4420.														
A 6 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4163 AND 3.4370 THRU 3.4420.														
AN 8 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4163 EXCEPT ITEMS IN 3.4130 FOR 51411 88 ASSY.														
	5139923	*	BLOWER ASM., 2-53 RC. RD (5139511)	1										
	5139926	@	BLOWER ASM., 2-53 RC. RD (5139511)		1									
	5119257	#	BLOWER ASSY., 2-53 L.H. ROT. ENG.			1								
	5142384	+	BLOWER ASM., 6V53 R.H. ROT. ENG.				1						1	
	5139305		BLOWER ASM., 3-53 R.H. ROT. ENG. (PAGE A1)					1						
	5139925	*	BLOWER ASM., 2-53 R.H. ROT. ENGINE (5139301)						1					
	5142042	%	BLOWER ASM., 2-53 L.H. ROT. ENG. (PAGE A1)							1				
	5139927	@	BLOWER ASM., 2-53 R.H. ROT. ENG. (5139301)								1	1		
	5141188	&	BLOWER ASM., 8V53 TURBO. RH ROT. ENGINE (USE TYPE 177)										1	
	5121182		PLUG, 1/4" PIPE (2.4015)	1	1				1	1	1	1		
4A	186291		BOLT, 3/8"-16X8 1/2" (12.9001)	4	4	4			4	4	4	4		
4A,B	9433110		BOLT, 7/16"-14X6 11/16" (12.9001)	4	4	4		4	4	4	4	4		
	5133773		BOLT, 7/16"-14X6.86" L. (NYLOCK)										2	
	5136323		BOLT, 7/16"-14X7" (NYLOCK)										2	
	5132923		BOLT, 6.68" L.			4	4							
4E	5133004		BOLT, 7.50" L. (12.9001)									4		
	5121463		BOLT, 8" L.	2	2	2		2	2	2	2			
4A	5116150		BOLT, 10 11/16" L.					4						
4A,D,E	5131913		WASHER, 7/16"	4	4	4	4	4	4			4	4	
	5150238		WASHER, 7/16"							4	4			
* NOT SERVICED; USE BASIC BLOWER ASSEMBLY SHOWN IN PARENTHESES PLUS ITEMS IN 3.4421 THRU 3.4428.														

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PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 2 0	1 2 1	1 2 2	1 2 7	1 2 9	1 3 0	1 3 2	1 3 3	1 3 4	1 3 5	1 3 6	1 3 7
3.4001 - BLOWER ASSY. (CONT'D)														
Ⓢ NOT SERVICED; USE BASIC BLOWER ASSEMBLY SHOWN IN PARENTHESES, PLUS ITEMS IN 3.4412 THRU 3.4428.														
# NOT SERVICED; REPLACED BY 5142042.														
& NOT SERVICED AS AN ASSEMBLY; COMPONENTS ARE AVAILABLE FOR COMPLETE REPLACEMENT CONVERT TO TYPE SHOWN IN PARENTHESES.														
+ NOT SERVICED; USE BASIC BLOWER ASSEMBLY 5107524 FOR COMMERCIAL ENGINES AND 5107526 FOR MILITARY ENGINES.														
% OBSOLETE.														
3.4003 - BLOWER KIT, INSTALLATION														
A KIT INCLUDES ITEMS IN 3.4010, 3.4025, 3.4190, AND COPPER WASHER IN 3.4350 AND 3.4360. A 6 CYLINDER KIT ALSO INCLUDES ITEMS IN 2.7010, 2.7051, 2.7650, 2.7700 AND HOSES AND CLAMPS IN 2.7834.														
5197857	BLOWER INSTALLATION KIT, 2-53		1	1	1				1	1	1	1		
5198043	BLOWER INSTALLATION KIT, 6V53					1	1							
5198041	BLOWER INSTALLATION KIT, 3-53							1						
5198284	BLOWER INSTALLATION KIT, 8V53												1	
3.4005 - BLOWER KIT, REPAIR														
TURBO AND NON-TURBO KITS CONSIST OF WASHERS IN 3.4080, PILOT IN 3.4082, PLUS ITEMS IN 3.4090, 3.4100, 3.4160, 3.4320 AND SPACER IN 3.4370. AN 8V53 KIT CONSISTS OF BEARINGS IN 3.4040 AND 3.4060, PILOT IN 3.4082 PLUS ITEMS IN 3.4090, 3.4160, 3.4320, 3.4360, SEAL IN 3.4130, (4) SLEEVES IN 3.4160 AND GASKET IN 4.8030.														
5198684	+ BLOWER REPAIR KIT, 2-3-4-6V53 NON-TURBO.		AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	
5198683	# BLOWER REPAIR KIT, 4 & 6V53 (LIP TYPE SEAL)													AR
+ NOT SERVICED, USE 5198683 KIT.														
# INCLUDES OVERSIZE SEALS AND SLEEVE IN 3.4160.														

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PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES											
			1 2 0	1 2 1	1 2 2	1 2 7	1 2 9	1 3 0	1 3 2	1 3 3	1 3 4	1 3 5	1 3 6	1 3 7
3.4010 - GASKET, BLOWER														
4A	5119433	GASKET, 2 & 3-53 (TO END PL.(3.4190)	1	1	1			1						
3E	5116294	GASKET, 2-53 (TO BLOCK)	1	1	1				1	1	1	1		
4D	5121329	GASKET, 6V53 (TO BLOCK)				2	2							2
4A	5116295	GASKET, 3-53 (TO BLOCK)						1						
	5132795	GASKET, 8V53 (FRONT-TO BLOCK)											1	
	5133005	GASKET, 8V53 (REAR-TO BLOCK)											1	
	5127963	RING, SEAL 6V53 (TO BLOCK)				1	1							1
4E	5132994	RING, SEAL 8V53 (TO BLOCK)											1	
3.4020 - HOUSING, BLOWER														
4E	5133549	HOUSING, 8V53											1	
3E	5119389	HOUSING ASM., 2-53 (INCLUDES PINS)			1					1				
4B	5119393	HOUSING ASM., 6V53 (INCLUDES PINS)				1	1							1
	5119391	HOUSING ASM., 3-53 (INCLUDES PINS)						1						
4D	141242	PIN, 3/8"X7/8" DOWEL (12.9290)			4	4	4	4		4				4
3.4025 - SCREEN, BLOWER														
3A	5196052	SCREEN, 2-53	1	1	1				1	1	1	1		
3C	5122610	SCREEN, 6V53				1	1							1
3A	5196053	SCREEN, 3-53						1						
3D	5133192	SCREEN, 8V53											1	
3.4030 - ROTOR, BLOWER IMPELLER														
AN 8V-53 ROTOR ASSY. INCLUDES SHAFT AND PIN IN 3.4035, WHICH ARE NOT SOLD SEPARATELY, FOR 2,3,4 AND 6V-53 ROTOR ASSEMBLIES.														
3E	5139296	ROTOR ASSY., 2-53								2				
3E	5127084	@ ROTOR ASSY.			2									
4D	5134913	ROTOR ASSY., 6V53				2	2							2
4A	5139297	ROTOR ASSY., 3-53						2						
4E	5141310	# ROTOR ASSY. (R.H.)											1	
4E	5141307	# ROTOR ASSY. (L.H.)											1	

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PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 2 0	1 2 1	1 2 2	1 2 7	1 2 9	1 3 0	1 3 2	1 3 3	1 3 4	1 3 5	1 3 6	1 3 7
		3.4030 - ROTOR, BLOWER (CONT'D)												
	5198298	ROTOR SET, 8V53 @ NOT SERVICED, REPLACE WITH 5139296 ROTOR PLUS 5139299 END PLATES IN 3.4140 AND (4) 5142266 OIL SEAL IN 3.4160. # THRU 8D-4568, NOT SERVICED; REPLACE WITH ONE EACH 5145876 AND 5145877 ROTORS PLUS (2) 7451768 FRONT ROTOR BEARINGS.											1	
		3.4033 - PLATE, BLOWER ROTOR THRUST												
4A,B,D	5134179	PLATE, 2,3,4,8V53			1	1	1	1		1				1
4A,B,D	5116170	SPACER			3	3	3	3		3				3
4A,B,D	9409062	BOLT, 1/4"-20X1" (12.9001)			3	3	3	3		3				3
		3.4036 - WASHER, BLOWER ROTOR SHAFT THRUST												
4D	5127077	WASHER, 25/64" I.D.			2	2	2	2		2				2
4D	9409034	BOLT, 3/8"-24X7/8" (12.9001)			2	2	2	2		2				2
		3.4040 - BEARING, BLOWER ROTOR FRONT												
4E	7451788	BEARING, 8V53											2	
4E	9409040	BOLT, 3/8"-24X2" LOCK RIGHT ROTOR (1.7630)											1	
4E	127684	LOCKWASHER (3.4050)											1	
4E	5132147	WASHER (RIGHT ROTOR) (3.4030)											1	
4E	5133609	NUT, BEARING LOCK (LEFT ROTOR) (3.4050)											1	
		3.4041 - SEAL, BLOWER ROTOR RETAINER OIL												
	5116169	# SEAL (PLASTIC) # NOT SERVICED, CONVERT TO 5134924 LIP TYPE OIL SEAL IN 3.4160 PLUS NEW END PLATES IN 3.4140.		1										
		3.4042 - RETAINER, BLOWER OIL SEAL												
	5180312	# RETAINER # NOT SERVICED, CONVERT TO 5134924 LIP TYPE OIL SEAL IN 3.4160 PLUS NEW END PLATES IN 3.4140.		1										

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PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 2 0	1 2 1	1 2 2	1 2 7	1 2 9	1 3 0	1 3 2	1 3 3	1 3 4	1 3 5	1 3 6	1 3 7
		3.4043 - SPRING, BLOWER ROTOR OIL SEAL												
	5180311	# SPRING			1									
		# NOT SERVICED, CONVERT TO 5134924												
		LIP TYPE OIL SEAL IN 3.4160 PLUS												
		NEW END PLATES IN 3.4140.												
		3.4044 - RING, BLOWER ROTOR OIL SEAL												
4A,B,D	5180314	# SEAL RING			1									
		# NOT SERVICED, CONVERT TO 5134924												
		LIP TYPE OIL SEAL IN 3.4160 PLUS												
		NEW END PLATES IN 3.4140.												
		3.4050 - RETAINER, BLOWER ROTOR FRONT BEARING												
4E	5132802	RETAINER, 8V53 (OUTER RACE)											2	
4E	9409073	BOLT, 1/4"-20X5/8" LOCK (12.9001)											6	
		3.4060 - BEARING, BLOWER ROTOR REAR												
4E	7451486	BEARING, 8V53											2	
		3.4070 - RETAINER, BLOWER ROTOR REAR BEARING												
4E	5132802	RETAINER, 8V53 (3.4050)											2	
4E	9409073	BOLT, 1/4"-20X5/8" LOCK (12.9001)											6	
		3.4080 - GEAR SET, BLOWER ROTOR												
4A,B,D	5128599	GEAR, 4 & 6V53 (R.H. HELIX; 39 TEETH)				1	1							1
4A,B,D	5128600	GEAR, 4 & 6V53 (L.H. HELIX; 39 TEETH)				1	1							1
4A	5119194	GEAR, 2 & 3-53 (R.H. HELIX; 39 TEETH)		1				1		1				
4A	5119195	GEAR, 2 & 3-53 (L.H. HELIX; 39 TEETH)		1				1		1				
4E	5132735	* GEAR, 8V53 (L.H. HELIX; 44 TEETH)											1	
4E	5147095	GEAR, 8V53 (R.H. HELIX; 44 TEETH)											1	
4A,B	9409018	BOLT, 5/16"-24X7/8" (12.9001)		2				2		2				
4A,B	5121403	WASHER		2	2	2	2		2	2				2
		* NOT SERVICED, FOR REPLACEMENT												
		USE 5146518 GEAR PLUS (1) 5146517												
		HUB, (2) 5146519 PLATE, (6) 5146520												
		WASHER, (3) 5124520 WASHER AND												
		(2) 9409232 BOLT.												

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PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 2 0	1 2 1	1 2 2	1 2 7	1 2 9	1 3 0	1 3 2	1 3 3	1 3 4	1 3 5	1 3 6	1 3 7
3.4082 - PILOT, BLOWER DRIVE GEAR														
4B	5126236	PILOT, 453 & 6V53	1	1	1	2	1	1	1	1	1	1	2	1
	5132799	PILOT, 8V53												
	9409023	BOLT, 5/16"-24X1 3/4" LEFT GEAR (12.9001)				1	1							1
	9420604	BOLT, 5/16"-24X1 3/4" 12 PT. (12.9005)				1	1							1
	9409041	BOLT, 3/8"-24X2 1/2" LOCK (LEFT GEAR) (12.9005)											1	
	9421329	BOLT, 3/8"-24X2 1/2" 12 PT. (RIGHT GEAR) (12.9005)											1	
3.4090 - SHIM, BLOWER ROTOR GEAR														
4A,B,D	5116164	SHIM (.002")			AR	AR	AR	AR		AR			AR	AR
4A,B,D	5154226	SHIM (.002")											AR	
4A,B,D	5116165	SHIM (.003")			AR	AR	AR	AR		AR			AR	AR
4A,B,D	5116166	SHIM (.004")			AR	AR	AR	AR		AR			AR	AR
4A,B,D	5116167	SHIM (.005")			AR	AR	AR	AR		AR			AR	AR
4A,B,D	5154227	SHIM (.005")											AR	
4A,B,D	5154228	SHIM (.010")											AR	
3.4100 - SPACER, BLOWER ROTOR GEAR														
4A,B,D	5116168	SPACER			2	2	2	2		2				2
3.4130 - HUB, BLOWER ROTOR GEAR DRIVE														
4E	5132801	= HUB (PLATE)											1	
	5134486	# SEAL (PISTON RING TYPE)											1	
	9409232	# BOLT, 5/16"-24X5/8" HEX. LOCK (12.9001)											4	
		= NOT SERVICED. FOR REPLACEMENT USE 5146517 HUB PLUS (1) 5146518 GEAR, (2) 5146519 PLATE, (6) 5146520 WASHER, (3) 5124520 WASHER AND (2) 9409232 BOLTS. # USED WITH 5132801 HUB.												
3.4140 - PLATE, BLOWER HOUSING END														
4A	5134914	PLATE, 2-3 AND 4-53 FRONT						1		1				
4A	5139299	PLATE, 2 AND 3-53 REAR						1		1				
3E	5119318	# PLATE, REAR		1										

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

TYPES

3.4140 - PLATE, BLOWER HOUSING END (CONT'D)

3E 5119319 # PLATE, FRONT
4D 5134915 PLATE, 6V53 REAR
4A 5143636 PLATE, 6V53 FRONT
4E 5141189 * PLATE ASSY., 8V53 REAR
4E 5141198 * PLATE ASSY., 8V53 FRONT
4E 5150542 PIN, 5/16"X2" DOWEL
4D 8924380 PLUG, 1/8" PIPE (12.9550)
4A 117297 SCREW, 5/16"-18X1 3/4" FIL. HD.
(12.9010)
5109389 STRAINER, OIL PASSAGE-8V53
5127477 SLEEVE (BOLT GUIDE)
138244 BOLT, 3/8"-16X1 1/2" SOC. HD.
(12.9027)
427588 BOLT, 3/8"-16X2 1/2" (12.9001)
103321 LOCKWASHER, 3/8" (12.9200)
NOT SERVICED, REPLACE WITH
5139299 AND 5134914 PLATE AND
INCLUDE 4-5142266 SEALS IN 3.4160
* A PLATE ASSY. INCLUDES PINS, PLUG
AND STRAINER IN 3.4140 AND SEAL IN
3.4160.

3.4160 - SEAL, BLOWER HOUSING END PLATE

4D 5199367 SEAL (USE WITH 5199368 SLEEVE)
4E 5141419 SEAL, 8V53
4D 5142266 & SEAL
4D 5199366 SEAL (USE WITH 5199368 SLEEVE)
& USE WITH COUNTERBORED END
PLATES.

3.4163 - SPACER, BLOWER ROTOR SHAFT OIL
SEAL

5199368 SPACER (USED WITH 5199366 &
5199367 SEALS) (OVERSIZE)
5134444 SLEEVE, 8V53 REAR

3.4180 - COVER, BLOWER HOUSING END PLATE

4A,B,D 5119429 COVER (FRONT)
4A,B,D 5119394 PLATE, REINFORCEMENT (LARGE)
4A,B,D 5119395 PLATE, REINFORCEMENT (SMALL)
4B,D 427588 BOLT, 3/8"-16X2 1/2" (12.9001)
3E 5121463 BOLT, 3/8"-24X8
4A 5121464 BOLT, 3/8"-24X10 3/16"

3.4190 - GASKET, BLOWER HOUSING END PLATE
COVER

4A,B,D 5119433 GASKET
5119438 GASKET (2.7010)

1 2 0	1 2 1	1 2 2	1 2 7	1 2 9	1 3 0	1 3 2	1 3 3	1 3 4	1 3 5	1 3 6	1 3 7		
			1	1	1						1		
				1	1						1		
										1			
										1			
			2	2	2	2	2				2		
		4			4	4							
										2			
										2			
										2			
										2			
AR	AR		4	4	4	4	4			4	4	AR	
AR	AR		AR	AR	AR	AR	AR	AR	AR				
										4			
1	1	1			1	1	1	1	1				
2	2	2			2	2	2	2	2				
2	2	2			2	2	2	2	2				
			6	6							6		
	2	2				2	2	2	2				
					2								
2	2	2		1	1	2	2	2	2		1		

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PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 2 0	1 2 1	1 2 2	1 2 7	1 2 9	1 3 0	1 3 2	1 3 3	1 3 4	1 3 5	1 3 6	1 3 7
3.4300 - GEAR, BLOWER DRIVE														
4D	5116378	GEAR, 6V53 (R.H. HELIX; 39 TEETH)				1	1							1
4D	5116377	GEAR, 6V53 (L.H. HELIX; 39 TEETH)				1	1							
4E	5132846	GEAR, 8V53 (L.H. HELIX; 45 TEETH)											1	
	124546	KEY, 5/32"x5/8" WOODRUFF (12.9350)				1	1							1
3.4310 - HUB, BLOWER DRIVE GEAR														
4D	5116418	HUB, 6V53 (SHAFT)				1	1							1
4E	5133831	HUB, 8V53 (SHAFT)											1	
3.4320 - WASHER, BLOWER DRIVE GEAR HUB THRUST														
4F	5119285	WASHER				1	1							1
4E	5133258	WASHER											1	
4F	9411765	RING (RETAINER)				1	1							1
4E	9414847	RING (RETAINER)											1	
3.4350 - SUPPORT, BLOWER DRIVE GEAR HUB														
4F	5129168	SUPPORT, 6V53				1								1
4F	5134680	SUPPORT, 6V53					1							
4F	5121343	COVER				1	1							1
	5164294	SPACER (7.1581)				4	4							4
4E	5133013	HOUSING (SUPPORT)											1	
	8924380	PLUG, 1/8" PIPE SOC. HD. (12.9550)											1	
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)				4	4						6	4
	455373	BOLT, 3/8"-16X4 1/2" SOC. HD. (12.9027)											1	
	9418964	BOLT, 3/8"-16X5" (12.9001)				6	6							6
	5152148	WASHER, 3/8" COPPER (2.4050)				2	2							2
4C	103341	WASHER, 3/8" (12.9190)				4	4						6	4
4C,D	103321	LOCKWASHER, 3/8" (12.9200)											6	
3.4360 - GASKET, BLOWER DRIVE GEAR HUB SUPPORT														
4D	5103474	GASKET, 6V53 (SUPT. TO FLY. HSG.)				1	1							1
4D	5121344	GASKET, 6V53 (COVER TO SUPT.)				1	1							1
4E	5132873	GASKET, 8V53 (SUPT. TO END PLATE)											1	
4E	5132765	GASKET (SUPPORT TO BLOWER END PLATE) (3.4190)											1	

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3.4370 - COUPLING, BLOWER DRIVE														
A COUPLING ASSY. INCLUDES ITEMS IN 3.4380 THRU 3.4400.														
4E	5133269	COUPLING ASSY., 8V53											1	
	8922969	COUPLING ASSY., 4&6V				1	1						2	
	9409228	BOLT, 1/4"-28X2 1/4" (12.9001)											2	
	178474	WASHER, 1/4" (12.9190)											2	
3.4380 - SUPPORT, BLOWER DRIVE COUPLING														
4B,D,E	5119412	SUPPORT, 453-6V&8V53				1	1						2	1
3.4390 - CAM, BLOWER DRIVE COUPLING														
4B,D	5180323	+ CAM				1	1						1	1
4E	5133302	CAM											1	
		+ NOT SERVICED, USE 8922970 AND 8922967.												
3.4400 - SPRING, BLOWER DRIVE COUPLING														
4B,D,E	5196614	* SPRING PACK (INCLUDES SPRINGS AND SEATS)				1	1						1	1
		* NOT SERVICED, USE (2) 5180321 SEATS AND (30) 5180322 SPRINGS.												
3.4412 - HOUSING, AIR SHUTDOWN														
	5124851	BOX ASM., 2-53 (7.4519)		1										
	5128276	BOX ASM., 2-53 (7.4550)									1	1		
	186676	BOLT, 1/4"-20X5/8" (12.9001)		1							1	1		
	120380	LOCKWASHER, 1/4" (12.9200)		1							1	1		
3.4414 - BELLOWS ASSY., AIR SHUTDOWN														
	5186528	BELLOWS ASM., 2-53 (7.4586)		1							1	1		
	132105	SCREW, #10-32X3/8 FIL. HD. CAD. (12.9010)		4							4	4		
	271169	NUT & WASHER ASSY., #10-32 (12.9120)		4							4	4		
3.4416 - LINK, AIR SHUTDOWN														
	5115836	LINK, 2-53 (7.4538)		1							1	1		
	112526	PIN, 1/16"X3/8" (12.9250)		1										
	5124849	SPACER, 25/64" I.D.X3/4" O.D.X.76" (7.4538)		1										

3.4000 BLOWER AND DRIVE

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES										
			1 2 0	1 2 1	1 2 2	1 2 7	1 2 9	1 3 0	1 3 2	1 3 3	1 3 4	1 3 5	1 3 6
		3.4416 - LINK, AIR SHUTDOWN (CONT'D)											
	5124846	BOLT, 1/4"-28X1" (3.3110)		1						1	1		
	120380	LOCKWASHER, 1/4" (12.9200)								1	1		
	114492	NUT, 1/4"-28 (12.9120)		1						1	1		
		3.4418 - COVER, AIR SHUTDOWN HOUSING											
	5113160	COVER, 2-53 (7.4553)		1									
	271169	NUT & WASHER ASSY., #10-32 (12.9120)		2									
		3.4421 - VALVE, AIR SHUTDOWN											
	5152545	VALVE, 2-53 (3.3040)	1	1				1		1	1		
	132900	SCREW, #10-32X3/8" RD. HD. SL. (12.9025)	2	2				2		2	2		
		3.4422 - SHAFT, AIR SHUTDOWN VALVE											
	5124934	SHAFT, 7.2" L., 2-53 (3.3050)		1						1	1		
	5121317	SHAFT, 5.9" L., 2-53 (3.3050)	1					1					
	5113633	SPACER (3.3090)	1	1				1					
	5139456	SEAL, 1/2" I.D. (3.3055)	2	2				2		2	2		
	453676	PIN, 1/8"X1" (ROLL) (SPRING RETAINER) (12.9275)	1	1				1		1	1		
	120394	WASHER, 3/8" (12.9190)	1	1				1		1	1		
		3.4424 - CAM, AIR SHUTDOWN SHAFT											
	5122623	CAM (3.3110)	1	1				1		1	1		
	273436	PIN, 1/8"X11/16" RETAINER (12.9300)	1	1				1		1	1		
		3.4426 - SPRING, AIR SHUTDOWN VALVE											
	5121295	SPRING (3.3070)	1	1									
	5119327	SPRING (LATCH) (3.3070)	1										
	5112787	SPRING (LATCH) (3.3070)		1									
	5121296	SPRING (3.3070)						1		1	1		

3.4000 BLOWER AND DRIVE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 2 0	1 2 1	1 2 2	1 2 7	1 2 9	1 3 0	1 3 2	1 3 3	1 3 4	1 3 5	1 3 6	1 3 7
3.4427 - LEVER, AIR SHUTDOWN VALVE														
5112785	LATCH (3.3090)	1	1						1		1	1		
2104066	CLEVIS (2.9400)											1		
112526	PIN, 1/16"X3/8" (12.9250)											1		
103495	PIN, 5/16"X31/32" (12.9260)											1		
121926	BOLT, 1/4"-20X1 1/2" (12.9001)	1	1						1		1	1		
120392	WASHER, 1/4" (12.9190)	1	1						1		1	1		
120380	LOCKWASHER, 1/4" (12.9200)	1	1						1		1	1		
3.4428 - LEVER ASSY., AIR SHUTDOWN RESET														
5124853	LEVER ASSY. (3.3110)		1											
5128532	LEVER ASSY. (7.4536)										1	1		
5114974	HANDLE ASSY. (3.3110)	1	1						1					
5124852	SPRING (3.3070)		1											
5119328	SPRING (3.3070)								1					
5114124	SPRING (3.3070)										1	1		
455532	PIN, 1/8"X1/2" (12.9275)		1											
455734	PIN, 1/8"X3/4" (12.9300)		1								1	1		
273436	PIN, 1/8"X11/16" (ROLL) SPRING RETAINER (12.9300)										1	1		
273669	PIN, 5/16"X7/16" (12.9200)		1											
140881	SCREW, #10-32X5/16" (12.9076)		1											
120385	WASHER, 1/4"X9/16" (12.9190)		1											
5168374	NUT (3.3090)		1											
3.4429 - WIRE, AIR SHUT-OFF CONTROL														
5155782	CLIP (3/16")		1											
181309	BOLT, 1/4"-28X1/2" (12.9001)		1											
103319	LOCKWASHER, 1/4" (12.9200)		1											
121902	NUT, 1/4"-28 (12.9120)		1											

3.4000 BLOWER AND DRIVE

PART		TYPES														
FIG	NUMBER	NAME AND DESCRIPTION	1 3 8	1 3 9	1 4 6	1 7 7	1 7 8	1 8 3	2 3 4	2 3 5	2 3 6	2 7 8	2 8 2	2 8 5	2 8 8	
		3.4001 - BLOWER ASSY.														
		NOTE: SEE ASSEMBLY BREAKDOWN FOR COMPONENTS OF SERVICED BLOWER ASSYS. AS INDICATED.														
		• FOR TYPE 298 USE TYPE 285.														
		A 2 CYLINDER BASIC BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4420 EXCEPT 3.4180 AND 3.4190.														
		A 3 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4140.														
		A 4 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4163 AND 3.4370 THRU 3.4420.														
		A 6 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4163 AND 3.4370 THRU 3.4420.														
		AN 8 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4163 EXCEPT ITEMS IN 3.4130 FOR 51411 88 ASSY.														
	5142384	= BLOWER ASSY., R.H. ROT., 6V53 ENG. (PAGE A1)			1											
	5106342	+ BLOWER ASSY., R.H. ROT., 6V53 ENG. (5107526) (PAGE A1)												1		
	5103683	+ BLOWER ASSY., 3-53 (PAGE A1) (5139305)										1				
	5139306	BLOWER ASSY., 3-53 R.H. (PAGE A1)													1	
	5106297	+ BLOWER ASSY., 6V-53 (5107526)											1			
	5142882	+ BLOWER ASSY., 4-53 (LB ENG.) (5107531)	1													
	5142883	+ BLOWER ASSY., 4-53 (RD ENG.) (5107532)		1												
	5103401	+ BLOWER ASSY., 4-53 (5107531)							1							
	5103466	+ BLOWER ASSY., 4-53 (8922496)									1					
4E	5103402	+ BLOWER ASSY., 4-53 (5107532)								1						
	5145874	BLOWER ASSY., 8V53 TURBO., R.H. ROT. ENGINE				1										
4E	5145800	* BLOWER ASSY. (R.H. ROTATION ENGINE)					1									
4E	5146876	BLOWER ASSY., 8V53 R.H. ROT. ENG.						1								
4A,B	9433110	BOLT, 7/16"-14X6 11/16" (12.9001)		4					4	4	4	4			4	
	5132923	BOLT, 6.68" L.	4		4									4		
	5133773	BOLT, 6.86" L. (NYLOCK)											2			
	5136323	BOLT, 7" L. (NYLOCK)										2				
4E	5133004	BOLT, 7.50" L. (12.9001)				4	4	4								
	5121463	BOLT, 8" L.	4	4												
	5121464	BOLT, 10 3/16" L.										2			2	
	5116150	BOLT, 10 11/16" L.										4			4	
4A,D,E	5131913	WASHER, 7/16"	4		4	4	4	4	4	4	4	4	4	4	4	
		* NOT SERVICED; COMPONENTS ARE AVAILABLE. FOR COMPLETE REPLACEMENT USE 5146876 ASSEMBLY.														
		+ NOT SERVICED. USE P/N IN PARENTHESES.														
		= NOT SERVICED; USE BASIC BLOWER ASSEMBLY 5107524 FOR COMMERCIAL ENGINES AND 5107526 FOR MILITARY ENGINES.														

3.4000 BLOWER AND DRIVE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		1 3 8	1 3 9	1 4 6	1 7 7	1 7 8	1 8 3	2 3 4	2 3 5	2 3 6	2 7 8	2 8 2	2 8 5	2 8 8
	3.4003 - BLOWER KIT, INSTALLATION													
	A KIT INCLUDES ITEMS IN 3.4010, 3.4025, 3.4190, 3.4220, 3.4227 AND COPPER WASHER IN 3.4350 AND 3.4360. A 6 CYLINDER KIT ALSO INCLUDES ITEMS IN 2.7010, 2.7051, 2.7650, 2.7700 AND HOSES AND CLAMPS IN 2.7834.													
5198043	BLOWER INSTALLATION KIT, 6V53			1									1	
5198284	BLOWER INSTALLATION KIT, 8V53				1	1	1							
5198042	BLOWER INSTALLATION KIT, 4-53	1	1							1				
	3.4005 - BLOWER KIT, REPAIR													
	TURBO AND NON-TURBO KITS CONSIST OF WASHERS IN 3.4080, PILOT IN 3.4082, PLUS ITEMS IN 3.4090, 3.4100, 3.4160, 3.4320 AND SPACER IN 3.4370. AN 8V53 KIT CONSISTS OF BEARINGS IN 3.4040 AND 3.4060, PILOT IN 3.4082 PLUS ITEMS IN 3.4090, 3.4160, 3.4320, 3.4360, SEAL IN 3.4130, (4) SLEEVES IN 3.4160 AND GASKET IN 4.8030. A NON-TURBO KIT, 5198679 INCLUDES (4) 5134351 SEALS (3.4160) IN PLACE OF 5132909 SEALS.													
5198684	+ BLOWER REPAIR KIT, 2-3-4 AND 6V53 NON-TURBO.			AR										
5198683	# BLOWER REPAIR KIT, 4-53 AND 6V53 TURBO	AR	AR					AR	AR	AR				
5199708	BLOWER REPAIR KIT, 8V53 TURBO.				AR									
5198679	# BLOWER REPAIR KIT, 8V53 NON-TURBO.					AR	AR							
	+ NOT SERVICED, USE 5198683.													
	# INCLUDES OVERSIZE SEAL AND SLEEVE IN 3.4160.													
	3.4010 - GASKET, BLOWER													
4D 5121329	GASKET, 6V53 (TO BLOCK			2								2	2	
5132795	GASKET, 8V53 (FRONT TO BLOCK)				1	1	1							
5133005	GASKET, 8V53 (REAR TO BLOCK)				1	1	1							

3.4000 BLOWER AND DRIVE

PART			TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	1 3 8	1 3 9	1 4 6	1 7 7	1 7 8	1 8 3	2 3 4	2 3 5	2 3 6	2 7 8	2 8 2	2 8 5	2 8 8	
3.4010 - GASKET, BLOWER (CONT'D)																
4B	5116296	GASKET, 4-53 (TO BLOCK)	1	1					1	1	1					
	5116295	GASKET, 3-53										1			1	
	5127963	RING, SEAL 6V53 (TO BLOCK)			1								1	1		
4E	5132994	RING, SEAL 8V53 (TO BLOCK)				1	1	1								
3.4020 - HOUSING, BLOWER																
4E	5133549	HOUSING, 8V53				1	1	1								
4B	5119393	HOUSING ASSY., 6V53 (INCLUDES PINS)			1								1	1		
4B	5119392	HOUSING ASSY., 4-53 (INCLUDES PINS)	1	1					1	1						
4B	5103407	HOUSING ASSY., 4-53 (INCLUDES PINS)									1					
4A	5119391	HOUSING ASSY., 3-53 (INCLUDES PINS)													1	
4D	141242	PIN, 3/8"X7/8" DOWEL (12.9290)	4	4	4				4	4	4		4	4	4	
3.4025 - SCREEN, BLOWER																
3C	5122610	SCREEN, 2-53			1								1			
	5196054	SCREEN, 4-53	1	1					1	1						
3D	5133192	SCREEN, 8V53				1	1	1								
3.4030 - ROTOR, BLOWER IMPELLER																
AN 8V-53 ROTOR SET INCLUDES ONE (1) L.H. AND (1) R.H. HELIX ROTOR ASSY. A ROTOR ASSY. INCLUDES SHAFT AND PIN IN 3.4035 WHICH ARE NOT SOLD SEPARATELY FOR 2,3,4 AND 6V-53 ROTOR ASSEMBLIES, AND SLEEVE IN 3.4163.																
4D	5134913	ROTOR ASSY., 6V53			2											
4D	5106298	ROTOR ASSY., 6V53											2	2		
4B	5139298	ROTOR ASSY., 4-53	2	2					2	2						
	5139297	ROTOR ASSY., 3-53													2	
4B	5103436	ROTOR ASSY., 4-53									2					
4E	5145877	ROTOR ASSY., 8V53 R.H. (INCL. PLUGS)				1										
4E	5145876	ROTOR ASSY., 8V53 L.H. (INCL. PLUGS)				1										
4E	5145921	ROTOR ASSY., 8V53 R.H. (INCL. PLUGS)					1	1								
4E	5145920	ROTOR ASSY., 8V53 L.H. (INCL. PLUGS)					1	1								
	5198298	ROTOR SET, 8V53				1	1	1								
	5197146	PLUG, CUP (BALANCE HOLE) (5.1030)				12	12	12								
3.4033 - PLATE, BLOWER ROTOR THRUST																
	5134179	PLATE, 2,3,4,6V53	1	1	1				1	1	1		1	1	1	
4A,B,D	5116170	SPACER	3	3	3				3	3	3		3	3	3	
4A,B,D	9409062	BOLT, 1/4"-20X1" (12.9001)	3	3	3				3	3	3		3	3	3	

53 MPC ENGINES

TYPES

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3.4000 BLOWER AND DRIVE

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 3 8	1 3 9	1 4 6	1 7 7	1 7 8	1 8 3	2 3 4	2 3 5	2 3 6	2 7 8	2 8 2	2 8 5	2 8 8
3.4080 - GEAR SET, BLOWER ROTOR															
4A,B,D	5119194	GEAR, 4, 6V53 (R.H. HELIX; 39 TEETH)	1	1	1				1	1	1		1		1
4A	5119195	GEAR, 3-53 (L.H. HELIX; 39 TEETH)													1
4A,B,D	5128600	GEAR, 4, 6V53 (L.H. HELIX; 39 TEETH)	1	1	1				1	1	1		1	1	
	5128599	GEAR, 6V53 (R.H. HELIX; 39 TEETH)												1	
4E	5132735	* GEAR, 8V53 (L.H. HELIX; 44 TEETH)				1	1	1							
4E	5147095	GEAR, 8V53 (R.H. HELIX; 44 TEETH)				1	1	1							
4A,B	9409018	BOLT, 5/16"-24X7/8" (12.9001)	1	1					1	1	1				2
	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)												1	
	5121403	WASHER							2				2		2
4A,B	5116316	WASHER	1	1	1				1	1	1				
* NOT SERVICED. FOR REPLACEMENT USE 5146518 GEAR PLUS (1) 5146517 HUB, (2) 5146519 PLATE, (6) 5146520 WASHER, (3) 5124520 WASHER AND (2) 9409232 BOLT.															
3.4082 - PILOT, BLOWER DRIVE CAM															
	5126236	PILOT, 4-53 AND 6V53	1	1	1				1		1		1	2	
	5132799	PILOT, 8V53				1	1	1							
4B	9409018	BOLT, 5/16"-24X7/8" LEFT GEAR (12.9001)		1	1				1	1	1				
4B	9409023	BOLT, 5/16"-24X1 3/4" LEFT GEAR (12.9001)			1								1		
	9420604	BOLT, 5/16"-24X1 3/4" 12 PT. (12.9005)			1								1	1	
	9409041	BOLT, 3/8"-24X2 1/2" HEX. LOCK (LEFT GEAR) (12.9005)				1	1	1							
	9421329	BOLT, 3/8"-24X2 1/2" 12 PT. (RIGHT GEAR) (12.9005)				1	1	1							
3.4090 - SHIM, BLOWER ROTOR GEAR															
4A,B,D	5116164	SHIM (.002")	AR	AR	AR				AR	AR	AR		AR	AR	AR
4A,B,D	5154226	SHIM (.002")				AR	AR	AR							
4A,B,D	5116165	SHIM (.003")	AR	AR	AR				AR	AR	AR		AR	AR	AR
4A,B,D	5116166	SHIM (.004")	AR	AR	AR				AR	AR	AR	AR	AR	AR	AR
4A,B,D	5116167	SHIM (.005")	AR	AR	AR				AR	AR	AR	AR	AR	AR	AR
4A,B,D	5154227	SHIM (.005")				AR	AR	AR							
4A,B,D	5154228	SHIM (.010")				AR	AR	AR							
3.4100 - SPACER, BLOWER ROTOR GEAR															
4A,B,D	5116168	SPACER	2	2	2				2	2	2		2	2	2

3.4000 BLOWER AND DRIVE

PART			TYPES														
FIG	NUMBER	NAME AND DESCRIPTION	1 3 8	1 3 9	1 4 6	1 7 7	1 7 8	1 8 3	2 3 4	2 3 5	2 3 6	2 7 8	2 8 2	2 8 5	2 8 8		
3.4115 - PLATE, BLOWER ROTOR GOVERNOR DRIVE																	
4D	5121336	PLATE, 6V53													1		
4D	9409219	BOLT, 1/4"X3/4" (12.9001)													4		
3.4130 - HUB, BLOWER ROTOR GEAR																	
4E	5132801	= HUB (PLATE)					1										
	5146517	HUB, 8V53				1		1									
	5134486	# SEAL (PISTON RING TYPE)															
4E	5146519	PLATE (3.4135)				2		2									
4E	9409232	# BOLT, 5/16"-24X5/8" LOCK (12.9001)				6	4	6									
4E	5146520	WASHER				6		6									
4E	5124520	WASHER				3		3									
= NOT SERVICED. FOR REPLACEMENT USE 5146517 HUB PLUS (1) 5146518 GEAR, (2) 5146519 PLATE, (6) 5146520 WASHER, (3) 5124520 WASHER AND (2) 9409232 BOLTS. # USED WITH 5132801 HUB.																	
3.4140 - PLATE, BLOWER HOUSING END																	
4A	5134914	PLATE, FRONT 2,3 AND 4-53	2	2					2	2						1	
4B	5103452	PLATE, FRONT AND REAR 4-53									2						
	5139299	PLATE, REAR 3-53														1	
4D	5134915	PLATE, REAR 6V53			1									1	1		
4A	5143636	PLATE, FRONT 6V53			1									1	1		
4E	5141189	+ PLATE ASSY., REAR 8V53				1											
4E	5132982	+ PLATE ASSY., FRONT 8V53					1	1									
4E	5145927	+ PLATE ASSY., REAR 8V53					1	1									
4E	5141198	+ PLATE ASSY., FRONT 8V53				1											
4B	141212	PIN, 5/16"X5/16" DOWEL (12.9290)									4						
4E	5150542	PIN, 5/16"X2" DOWEL				4	4	4									
4D	8924380	PLUG, 1/8" PIPE (12.9550)	2	2		2	2	2	2	2			2	2	2		
4B	5121182	PLUG, 1/4" PIPE (12.4015)									2						
	5109389	STRAINER, OIL PASSAGE				2	2	2									
	5127477	SLEEVE (BOLT GUIDE)				2	2	2									
	138244	BOLT, 3/8"-16X1 1/2" SOC. HD. (12.9027)				2	2	2									
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)				2	2	2									
	103321	LOCKWASHER, 3/8" (12.9200)				2	2	2									
+ A PLATE ASSY. INCLUDES PINS, PLUG AND STRAINER IN 3.4140 PLUS SEALS IN 3.4160.																	
3.4160 - SEAL, BLOWER HOUSING END PLATE																	
4D	5199367	SEAL (USE WITH 5199368 SLEEVE)			AR												
4E	5141419	SEAL, 8V53				4											
4D	5142266	* SEAL, 4-53 AND 6V53	4	4	4				4		4		4	4	4		

3.4000 BLOWER AND DRIVE

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	1 3 8	1 3 9	1 4 6	1 7 7	1 7 8	1 8 3	2 3 4	2 3 5	2 3 6	2 7 8	2 8 2	2 8 5	2 8 8
3.4160 - SEAL, BLOWER HOUSING END PLATE (CONT'D)															
4D	5199366	SEAL (USE WITH 5199368 SLEEVE)	AR	AR									AR		
4E	5132909	SEAL, 8V53 * USE WITH COUNTERBORED END PLATES.					4	4							
3.4163 - SPACER, BLOWER ROTOR SHAFT OIL SEAL															
	5199368	SPACER (USED WITH 5199366 & 5199367 SEALS) (OVERSIZE)	AR	AR	AR										
	5134444	SLEEVE, REAR 8V53				4									
3.4180 - COVER, BLOWER HOUSING END PLATE															
4A,B,D	5119429	COVER, (FRONT) 4-53	1	1					1	1	1	1	1	1	1
4B	5119154	COVER, REAR 4-53	1	1					1	1	1				
4A,B,D	5119394	PLATE, REINFORCEMENT (LARGE)	4	4					4	4	4		2	2	2
4A,B,D	5119395	PLATE, REINFORCEMENT (SMALL)	4	4					4	4	4		2	2	2
4B,D	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	12	12	6				12	12	12		6	6	
	103341	WASHER, 3/8" (12.9190)									2				
	103321	LOCKWASHER, 3/8" (12.9200)	6	6											
3.4190 - GASKET, BLOWER HOUSING END PLATE COVER															
4A,B,D	5119433	GASKET, 2-3-4 AND 6V53	2	2	1				2	2	2	2	1	1	2
	5119438	GASKET, 6V53 (2.7010)			1								1	1	
3.4220 - SEAL, BLOWER DRIVE COVER															
4B	5180445	SEAL, 4-53	1	1					1	1	1				
3.4227 - CLAMP, BLOWER DRIVE COVER PACKING															
4B	451220	CLAMP, 2 1/2" DIA. HOSE (12.9660)	1	1					1	1	1				
3.4300 - GEAR, BLOWER DRIVE															
4E	5132846	GEAR, 8V53 (L.H. HELIX; 45 TEETH)				1									
4C	5116378	GEAR, 4, 6V53 (R.H. HELIX; 39 TEETH)	1	1	1				1	1	1		1	1	
4C	5116377	GEAR, 4, 6V53 (L.H. HELIX; 39 TEETH)	1	1	1				1	1					
4E	5132778	GEAR, 8V53 (L.H. HELIX; 44 TEETH)					1	1							
	124546	KEY, 5/32"X5/8" WOODRUFF (12.9350)	1	1	1				1	1	1		1	1	

3.4000 BLOWER AND DRIVE

PART			TYPES														
..FIG ..	NUMBER	NAME AND DESCRIPTION	1 3 8	1 3 9	1 4 6	1 7 7	1 7 8	1 8 3	2 3 4	2 3 5	2 3 6	2 7 8	2 8 2	2 8 5	2 8 8		
3.4310 - HUB, BLOWER DRIVE GEAR																	
4D	5116418	HUB, 6V53 (SHAFT)			1								1				
4E	5133831	HUB, 8V53 (SHAFT)				1	1	1									
4C	5119284	HUB, 4-53 (SHAFT)	1	1					1	1	1						
4D	5103473	HUB, 6V53 (SHAFT)												1			
3.4320 - WASHER, BLOWER DRIVE GEAR HUB THRUST																	
4F	5119285	WASHER	1	1	1				1	1	1		1				
4E	5133258	WASHER				1	1	1									
4E	5117700	WASHER (3.4302)												2			
4F	9411765	RING (RETAINER)	1	1	1				1	1	1		1				
4E	9414847	RING (RETAINER)				1	1	1									
3.4350 - SUPPORT, BLOWER DRIVE GEAR HUB																	
4C	5119175	SUPPORT, 4-53	1	1					1	1	1						
	5129168	SUPPORT, 6V53											1				
4F	5138087	+ SUPPORT, 6V53			1												
	8921297	SUPPORT ASSY., 6V53 (INCLUDES BUSHINGS IN 3.4350)													1		
	5111423	BUSHING (1.7015)													2		
4F	5121343	COVER, 6V53			1												
	5164294	SPACER (7.1581)			4												
4E	5133013	HOUSING, 8V53 (SUPPORT)				1	1	1									
	5145009	PLUG, 1/8" PIPE (12.9550)			2	1	1	1	1	1							
4C	186679	BOLT, 3/8"-16X1 1/4" (12.9001)	2	2													
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)							2	2	2						
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)			4	6	6	6									
	114926	BOLT, 3/8"-16X4 1/4" (12.9001)												2			
	455373	BOLT, 3/8"-16X4 1/2" (12.9027)				1	1	1									
	9418964	BOLT, 3/8"-16X5" (12.9001)			6								6				
4C	181360	BOLT, 3/8"-24X3/4" (12.9001)	3	3							3						
	5152148	WASHER, 3/8" (2.4050)	3	3	2						3		2	2			
4C	103341	WASHER, 3/8" (12.9190)	2	2	4	6	6	6			2						
4C,D	103321	LOCKWASHER, 3/8" (12.9200)	2	2		6	6	6			2						
		+ OBSOLETE.															
3.4360 - GASKET, BLOWER DRIVE GEAR HUB SUPPORT																	
4D	5116336	GASKET, 4-53 (2.7010)							1		1						
4E	5121344	GASKET (COVER TO SUPPORT) 6V53			1								1				
	5132873	GASKET (SUPPORT TO CYLINDER BLOCK END PLATE) 8V53				1	1	1									
4E	5132765	GASKET (SUPPORT TO BLOWER END PLATE) 8V53 (3.4190)				1	1	1									
	5103474	GASKET (SUPPORT TO CYLINDER BLOCK END PLATE) 6V53															
4C	5121334	GASKET, 4-53 (1.5010)	1	1	1								1	1			

3.4000 BLOWER AND DRIVE

PART		NAME AND DESCRIPTION	TYPES															
FIG	NUMBER		1 3 8	1 3 9	1 4 6	1 7 7	1 7 8	1 8 3	2 3 4	2 3 5	2 3 6	2 7 8	2 8 2	2 8 5	2 8 8			
3.4370 - COUPLING, BLOWER DRIVE																		
A COUPLING ASSY. INCLUDES ITEMS IN 3.4380 THRU 3.4400.																		
4D	5119411	+ COUPLING ASSY., 4-53-6V53	1	1					1	1	1			1				
4E	5133269	COUPLING ASSY., 8V53				1	1	1										
	8922969	COUPLING ASSY., 4 & 6V53											1					
	5126237	SPACER (3.4100)	1	1					1	1				1				
	9409221	BOLT, 1/4"-28X1 5/8" (12.9001)	4	4					4	4	4			4				
	9409228	BOLT, 1/4"-28X2 1/4" (12.9001)				2	2	2										
	178474	WASHER, 1/4" (12.9190)	2	2	2													
+ NOT SERVICED, USE 8922969.																		
3.4380 - SUPPORT, BLOWER DRIVE COUPLING																		
4B,D,E	5119412	SUPPORT, 4-53, 6V AND 8V53	1	1	1	2	2	2	1	1	1	1	1	1				
3.4390 - CAM, BLOWER DRIVE COUPLING																		
4B,D	5180323	+ CAM, 4-53, 6V53	1	1	1				1	1	1	1	1	1				
4E	5133302	CAM, 8V53				1	1	1										
+ NOT SERVICED, USE 8922970 AND 8922967.																		
3.4400 - SPRING, BLOWER DRIVE COUPLING																		
4B,D,E	5196614	* SPRING PACK (INCLUDES SPRINGS AND SEATS) 4-53, 6 AND 8V53	1	1	1	1	1	1	1	1	1	1	1	1				
* NOT SERVICED, USE (2) 5180321 SEATS AND (30) 5180322 SPRINGS.																		
3.4420 - RETAINER, BLOWER DRIVE COUPLING																		
	5119466	RETAINER, 4-53, 6V53	1	1							1		1	1				

3.4000 BLOWER AND DRIVE

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 0 4	3 0 5	3 0 8	3 1 5	3 1 6	3 1 7	3 1 8	3 1 9	3 2 0	3 2 1	3 2 2
3.4001 - BLOWER ASSY.													
A 3 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4140.													
A 4 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4160 AND 3.4370 THRU 3.4420.													
A 6 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4160 AND 3.4370 THRU 3.4420.													
	5103597	+ BLOWER ASSY., 6V-53 (5107524)	1										
4A	5103684	BLOWER ASSY., 3-53		1									
4D	5106342	BLOWER ASSY., 6V-53			1								
4A	5107536	BLOWER ASSY., 3-53 (LH)				1							
4A	5107535	BLOWER ASSY., 3-53 (RH)					1						
4B	5107531	BLOWER ASSY., 4-53 (A&B) (LH)						1					
4B	5107532	BLOWER ASSY., 4-53 (C&D)							1	1			
4D	5107524	BLOWER ASSY., 6V-53									1		
	5107526	BLOWER ASSY., 6V-53 (TURBO)										1	1
	5132923	BOLT, 7/16"-14X6.68" (WITH NYLON INSERT)	4		2						2	4	2
	5131913	WASHER, 7/16"	4	4	4	4	4	4	4	4	4	4	4
	9433110	BOLT, 7/16-14X6 11/16" (12.9001)		4		4	4	4	4	4			
	5136323	BOLT, 7/16"-14X7" (WITH NYLON INSERT)			2						2		2
	5121464	BOLT, 3/8"-24X10 3/16" (WITH NYLON INSERT)		2		2	2						
	5116150	BOLT, 3/8"-16X10 11/16		4		4	4						
		+ NOT SERVICED, USE P/N IN PARENTHESES.											
3.4003 - BLOWER KIT, INSTALLATION													
A KIT INCLUDES ITEMS IN 3.4010, 3.4025, 3.4190, 3.4220, 3.4227 AND COPPER WASHER IN 3.4350.													
A 6 CYLINDER KIT ALSO INCLUDES ITEMS IN 2.7010, 2.7051, 2.7650, 2.7700 AND HOSE AND CLAMPS IN 2.7834.													
	5198041	BLOWER INSTALLATION KIT, 3-53		AR		AR	AR						
	5198042	BLOWER INSTALLATION KIT, 4-53						AR	AR	AR			
	5198043	BLOWER INSTALLATION KIT, 6V-53	AR		AR						AR	AR	AR
3.4005 - BLOWER KIT, REPAIR													
TURBO AND NON-TURBO KITS CONSIST OF WASHERS IN 3.4080, PILOT IN 3.4082, PLUS ITEMS IN 3.4090, 3.4100, 3.4160, 3.4320 AND SPACER IN 3.4370.													
	5198683	BLOWER REPAIR KIT, 3, 4, 6V-53 (TURBO AND NON-TURBO)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

3.4000 BLOWER AND DRIVE

			TYPES										
FIG	PART NUMBER	NAME AND DESCRIPTION	304	305	308	315	316	317	318	319	320	321	322
3.4010 - GASKET, BLOWER													
4D	5121329	GASKET, 6V-53 (TO BLOCK)	2		2						2	2	2
4A	5116295	GASKET, 3-53 (TO BLOCK)		1		1	1						
4B	5116296	GASKET, 4-53 (TO BLOCK)						1	1	1			
	5127963	RING, SEAL (TO BLOCK)	1		1						1	1	1
4D	5119438	GASKET, 6V-53	1		1						1	1	1
3.4020 - HOUSING, BLOWER													
4D	5119393	HOUSING ASSY., 6V-53 (INCLUDES PINS)	1		1						1	1	1
4A	5119391	HOUSING ASSY., 3-53 (INCLUDES PINS)		1		1	1						
4B	5119392	HOUSING ASSY., 4-53 (INCLUDES PINS)						1	1	1			
	141242	PIN, 3/8"x7/8" DOWEL (12.9290)	4	4	4	4	4	4	4	4	4	4	4
3.4025 - SCREEN, BLOWER													
	5122610	SCREEN, 6V-53	1		1						1	1	1
3.4030 - ROTOR, BLOWER IMPELLER													
4D	5134913	ROTOR ASSY., 6V-53	2								2		
4A	5139297	ROTOR ASSY., 3-53		2		2	2						
4B	5139298	ROTOR ASSY., 4-53						2	2	2			
4D	5106298	ROTOR ASSY., 6V-53T			2							2	2
3.4033 - PLATE, BLOWER ROTOR THRUST													
4B,D	5134179	PLATE, 4, 6V-53	1	1	1	1	1	1	1	1	1	1	1
4B,D	5116170	SPACER	3	3	3	3	3	3	3	3	3	3	3
4B,D	9409062	BOLT, 1/4"-20X1" (12.9001)	3	3	3	3	3	3	3	3	3	3	3
3.4036 - WASHER, BLOWER ROTOR SHAFT THRUST													
4B,D	5127077	WASHER, 25/64" I.D.	2	2	2	2	2	2	2	2	2	2	2
4B,D	9409034	BOLT, 3/8"-24X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2
3.4080 - GEAR SET, BLOWER ROTOR													
4D	5128599	GEAR, 6V-53 (R.H. HELIX; 39 TEETH)	1		1								
4D	5128600	GEAR, 6V-53 (L.H. HELIX; 39 TEETH)	1		1								
4B	5119194	GEAR, 3-53 (R.H. HELIX; 39 TEETH)		1									
4B	5119195	GEAR, 3-53 (L.H. HELIX; 39 TEETH)		1									
4B	5107081	GEAR, 4-53 (R.H. HELIX; 45 TEETH)				1	1	1	1	1			
4B	5107082	GEAR, 4-53 (L.H. HELIX; 45 TEETH)				1	1						
4D	5107083	GEAR, 6V-53 (R.H. HELIX; 45 TEETH)									1	1	1
4B,D	5107084	GEAR, 6V-53 (L.H. HELIX; 45 TEETH)						1	1	1	1	1	1
	9409018	BOLT, 5/16"-24X7/8" (12.9001)		2		2	2	1	1	1			
	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)	1		1						1	1	1
	9420604	BOLT, 5/16"-24X1 3/4" (12.9005)	1		1						1	1	1
	5116316	WASHER, 1-24" DIA.						1	1	1			
	5121403	WASHER, 21/64"x1"x3/16"		2		2	2						

3.4000 BLOWER AND DRIVE

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	3 0 4	3 0 5	3 0 8	3 1 5	3 1 6	3 1 7	3 1 8	3 1 9	3 2 0	3 2 1	3 2 2
3.4082 - PILOT, BLOWER DRIVE CAM													
4B,D	5126236	PILOT, 4, 6V-53	2		2			2	1	1	2	2	2
4B,D	9409018	BOLT, 5/16"-24X7/8" (12.9001)						1	1	1			
3.4090 - SHIM, BLOWER ROTOR GEAR													
4B,D	5116164	SHIM (.002")	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
4B,D	5116165	SHIM (.003")	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
4B,D	5116166	SHIM (.004")	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
4B,D	5116167	SHIM (.005")	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
3.4100 - SPACER, BLOWER ROTOR GEAR													
4B,C	5116168	SPACER	2	2	2	2	2	2	2	2	2	2	2
3.4115 - PLATE, BLOWER ROTOR GOVERNOR DRIVE													
	5121336	PLATE	1		1							1	1
	9409219	BOLT, 1/4"-28X3/4" (12.9001)	4		4							4	4
3.4140 - PLATE, BLOWER HOUSING END													
4D	5143636	PLATE, 6V-53 FRONT	1		1						1	1	1
4D	5134915	PLATE, 6V-53 REAR	1		1						1	1	1
4A	5134914	PLATE, 3-53 FRONT AND REAR		1		1	1	2	2	2			
4A	5139299	PLATE, 3-53 REAR		1		1	1						
	8924380	PLUG, 1/8" PIPE (12.9550)	2	2	2	2	2	2	2	2	2	2	2
	117297	SCREW, 5/16"-18-1 3/4" (12.9010)		4		4	4						
3.4160 - SEAL, BLOWER HOUSING END PLATE													
4A,D	5142266	SEAL	4	4	4	4	4	4	4	4	4	4	4
3.4180 - COVER, BLOWER HOUSING END PLATE													
4A,B,D	5119429	COVER, 3, 4, 6V-53 (FRONT)	1	1	1	1	1	1	1	1	1	1	1
4B	5119154	COVER, 4-53 (REAR)					1	1	1	1			
	5119394	PLATE, REINFORCEMENT (LARGE)	2	2	2	2	2	4	4	4	2	2	2
	5119395	PLATE, REINFORCEMENT (SMALL)	2	2	2	2	2	4	4	4	2	2	2
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)	6		6			12	12	12	6	6	6
3.4190 - GASKET, BLOWER HOUSING END PLATE COVER													
4A,B,D	5119433	GASKET	1	2	1	2	2	2	2	2	1	1	1
3.4220 - SEAL, BLOWER DRIVE COVER													
	5180445	SEAL						1	1	1			

3.4000 BLOWER AND DRIVE

			TYPES										
FIG	PART NUMBER	NAME AND DESCRIPTION	304	305	308	315	316	317	318	319	320	321	322
		3.4227 - CLAMP, BLOWER DRIVE COVER PACKING											
	451220	CLAMP, 2 1/2" HOSE (12.9660)						1	1	1			
		3.4300 - GEAR, BLOWER DRIVE											
4C	5116377	GEAR, 6V-53 (L.H. HELIX; 39 TEETH)	1										
4C	5116378	GEAR, 6V-53 (R.H. HELIX; 39 TEETH)			1								
4C	5107078	GEAR, 4-53 (L.H. HELIX; 45 TEETH)					1		1				
4C	5107079	GEAR, 4-53 (R.H. HELIX; 45 TEETH)							1		1	1	
	124546	KEY, 5/32"x5/8" WOODRUFF (12.9350)	1		1		1	1	1	1	1	1	1
		3.4310 - HUB, BLOWER DRIVE GEAR											
4C	5116418	HUB (SHAFT) 6V-53	1								1		1
4C	5119284	HUB (SHAFT) 4-53					1	1	1				
4C	5103473	HUB (SHAFT) 6V-53			1							1	
		3.4320 - WASHER, BLOWER DRIVE GEAR HUB THRUST											
4C	5119285	WASHER	1				1	1	1	1	1		1
4C	5117700	WASHER (3.4302)			2							2	
4C	9411765	RING (RETAINER)	1				1	1	1	1	1		1
		3.4350 - SUPPORT, BLOWER DRIVE GEAR HUB											
4C	5134680	SUPPORT, 6V-53	1										
4C	5119175	SUPPORT, 4-53					1	1	1				
4C	5129168	SUPPORT, 6V-53									1		1
4C	8921297	SUPPORT, 6V-53 (INCLUDES BUSHINGS IN 3.4350)				1						1	
	5111423	BUSHING (1.7015)			2							2	
	5121343	COVER, 6V-53	1								1		1
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)					2	2	2	2			
4C	114926	BOLT, 3/8"-16X4 1/4" (12.9001)			2								
4C	186288	BOLT, 3/8"-16X4 1/2" (12.9001)										2	
4C	9418964	BOLT, 3/8"-16X5" (12.9001)	6								6		6
4C	181360	BOLT, 3/8"-24X3/4" (12.9001)					3	3	3	3			
4C	103341	WASHER, 3/8" (12.9190)					2	2	2	2			
4C	5164294	WASHER, 3/8" I.D. X 1/8" THK. (7.1581)	4								4		4
4C	5152148	WASHER, 3/8" COPPER (2.4050)	2		2		3	3	3	3	2	2	2
	103321	LOCKWASHER, 3/8" (12.9200)					2	2	2	2			

3.4000 BLOWER AND DRIVE

			TYPES										
FIG	PART NUMBER	NAME AND DESCRIPTION	3 0 4	3 0 5	3 0 8	3 1 5	3 1 6	3 1 7	3 1 8	3 1 9	3 2 0	3 2 1	3 2 2
		3.4360 - GASKET, BLOWER DRIVE GEAR HUB SUPPORT											
4C	5121344	GASKET	1								1		1
4C	5116336	GASKET						1	1	1			
4C	5103474	GASKET	1		1						1	1	1
		3.4370 - COUPLING, BLOWER DRIVE											
		A COUPLING ASSY. INCLUDES ITEMS IN 3.4380 THRU 3.4410.											
4B,D	8922969	COUPLING ASSY., 4, 6V-53	1		1			1	1	1	1	1	1
	5126237	SPACER (3.4100)	1		1			1	1	1	1	1	1
	9409221	BOLT, 1/4"-28X1 5/8" (12:9001)	4		4			4	4	4	4	4	4
		3.4380 - SUPPORT, BLOWER DRIVE COUPLING											
4B,D	5119412	SUPPORT	1		1			1	1	1	1	1	1
		3.4390 - CAM, BLOWER DRIVE COUPLING											
4B,D	5180323	+ CAM	1		1			1	1	1	1	1	1
		+ NOT SERVICED, USE 8922970 AND 8922967.											
		3.4400 - SPRING, BLOWER DRIVE COUPLING											
4B,D	5180322	SPRING	30		30			30	30	30	30	30	30
		3.4410 - SEAT, BLOWER DRIVE COUPLING SPRING											
	5180321	SEAT	2		2			2	2	2	2	2	2
		3.4420 - RETAINER, BLOWER DRIVE COUPLING											
4B,D	5119466	RETAINER	1		1			1	1	1	1	1	1

3.4000 BLOWER AND DRIVE

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 6	3 3 7	3 3 8	3 4 4	3 4 5	3 4 6
3.4001 - BLOWER ASSY.														
		A 3 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4140.												
		A 4 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4160 AND 3.4370 THRU 3.4420.												
		A 6 CYLINDER BLOWER ASSY. INCLUDES ITEMS IN 3.4020 AND 3.4030 THRU 3.4160 AND 3.4370 THRU 3.4420.												
4A	5107535	BLOWER ASSY., 3-53 (RH)	1											
4D	5107524	BLOWER ASSY., 6V-53		1	1	1		1						
4A	5107536	BLOWER ASSY., 3-53 (LH)					1							
4B	8922311	BLOWER ASSY., 4-53 (R.H.) (TURBO)							1					
4D	8922310	BLOWER ASSY., 6V-53 (TURBO)								1	1			
4A	8922275	BLOWER ASSY., 3-53 (RH) (TURBO)										1		
4B	8922281	BLOWER ASSY., 3-53 (RH) (TURBO)											1	
4D	5103597	+ BLOWER ASSY., 6V-53 (5107524)												1
	5116150	BOLT, 3/8"-16X10 11/16	4				4					4	4	
	5121464	BOLT, 3/8"-24X10 3/16" (WITH NYLON INSERT)	2				2					2	2	
	5132923	BOLT, 7/16"-14X6.68" (WITH NYLON INSERT)		4	4	4		4		4	4			4
	9433110	BOLT, 7/16-14X6 11/16" (12.9001)	4				4		4		4	4	4	
	5131913	WASHER, 7/16"	4	4	4	4	4	4	4	4	4	4	4	4
		+ NOT SERVICED, USE P/N IN PARENTHESES.												
3.4003 - BLOWER KIT, INSTALLATION														
		A KIT INCLUDES ITEMS IN 3.4010, 3.4025, 3.4190, 3.4220, 3.4227 AND COPPER WASHER IN 3.4350.												
		A 6 CYLINDER KIT INCLUDES ITEMS IN 2.7010, 2.7051, 2.7650, 2.7700 AND HOSE AND CLAMPS IN 2.7834 AND GASKET IN 3.4190.												
	5198041	BLOWER INSTALLATION KIT,3-53	AR				AR						AR	AR
	5198043	BLOWER INSTALLATION KIT, 6V-53		AR	AR	AR		AR		AR	AR			AR
	5198042	BLOWER INSTALLATION KIT, 4-53							AR					

DETROIT DIESEL

53 MPC ENGINES

3.4000 BLOWER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			3 2 4	3 2 5	3 2 6	3 2 7	3 2 8	3 2 9	3 3 6	3 3 7	3 3 8	3 4 4	3 4 5	3 4 6
		3.4005 - BLOWER KIT, REPAIR												
		TURBO AND NON-TURBO KITS CONSIST OF WASHERS IN 3.4080, PILOT IN 3.4082, PLUS ITEMS IN 3.4090, 3.4100, 3.4160, 3.4320 AND SPACER IN 3.4370.												
	5198683	BLOWER REPAIR KIT, 3. 4. 6V-53 (TURBO AND NON-TURBO)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
		3.4010 - GASKET, BLOWER												
	5104313	GASKET, 6V-53 (TO BLOCK)								2	2			
	5121329	GASKET, 6V-53 (TO BLOCK)		2	2	2		2						2
	5116295	GASKET, 3-53 (TO BLOCK)	1				1					1	1	
	5116296	GASKET, 4-53 (TO BLOCK)							1					
	5127983	RING, SEAL (TO BLOCK)		1	1	1		1		1	1			1
	5119438	GASKET, 6V-53		1	1	1		1		1	1			1
		3.4020 - HOUSING, BLOWER												
	5119391	HOUSING ASSY., 3-53 (INCLUDES PINS)	1				1					1	1	
	5119393	HOUSING ASSY., 6V-53 (INCLUDES PINS)		1	1	1		1						1
	5103407	HOUSING ASSY., 4-53 (INCLUDES PINS)							1					
	5104523	HOUSING ASSY., 6V-53 (INCLUDES PINS)								1	1			
	141242	PIN, 3/8"X7/8" DOWEL (12.9290)	4	4	4	4	4	4	4	4	4	4	4	4
		3.4025 - SCREEN, BLOWER												
	5196053	SCREEN, 3 CYL	1											
	5122610	SCREEN, 6V-53		1	1	1		1						1
		3.4030 - ROTOR, BLOWER												
4A	5139297	ROTOR ASSY., 3-53	2	2	2	2	2	2						
4B	5103436	ROTOR ASSY., 4-53T							2					
4D	5104526	ROTOR ASSY., 6V-53T								2	2			
4A	8922274	ROTOR ASSY., 3-53T										2	2	
4D	5134913	ROTOR ASSY., 6V-53												2
		3.4033 - PLATE, BLOWER ROTOR THRUST												
4B,D	5134179	PLATE, 3, 4, 6V-53	1	1	1	1	1	1	1	1	1	1	1	1
4B,D	5116170	SPACER	3	3	3	3	3	3	3	3	3	3	3	3
4B,D	9409062	BOLT, 1/4"-20X1" (12.9001)	3	3	3	3	3	3	3	3	3	3	3	3
		3.4036 - WASHER, BLOWER ROTOR SHAFT THRUST												
	5127077	WASHER, 25/64" I.D.	2	2	2	2	2	2	2	2	2	2	2	2
	9409034	BOLT, 3/8"-24X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2	2

3.4000 BLOWER AND DRIVE

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	3 2 4	3 2 5	3 2 6	3 2 7	3 2 8	3 2 9	3 3 6	3 3 7	3 3 8	3 4 4	3 4 5	3 4 6
3.4080 - GEAR SET, BLOWER ROTOR														
4B	5107081	GEAR, 4-53 (R.H. HELIX; 45 TEETH)	1				1		1				1	
4B	5107082	GEAR, 4-53 (L.H. HELIX; 45 TEETH)	1				1						1	
4D	5107083	GEAR, 6V-53 (R.H. HELIX; 45 TEETH)		1	1	1		1		1	1			
4B,D	5107084	GEAR, 4, 6V-53 (L.H. HELIX; 45 TEETH)		1	1	1		1	1	1	1			
4A	5119194	GEAR, 3-53 (R.H. HELIX; 39 TEETH)										1		
4A	5119195	GEAR, 3-53 (L.H. HELIX; 39 TEETH)										1		
4D	5128599	GEAR, 6V-53 (R.H. HELIX; 39 TEETH)												1
4D	5128600	GEAR, 6V-53 (L.H. HELIX; 39 TEETH)												1
	9409018	BOLT, 5/16"-24X7/8" (12.9001)	2				2		1			2	2	
	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)		1	1	1		1		1	1			1
	9420604	BOLT, 5/8"-24X1 3/4" (12.9005)		1	1	1		1		1	1			1
	5116316	WASHER, 1-24" DIA.							1					
	5121403	WASHER, 21/64"X1"X3/16"	2				2					2	2	
3.4082 - PILOT, BLOWER DRIVE CAM														
4B,D	5126236	PILOT, 4, 6V-53		2	2	2		2	1	2	2			2
4B,D	9409018	BOLT, 5/16"-24X7/8" (12.9001)						1						
3.4090 - SHIM, BLOWER ROTOR GEAR														
4B,D	5116164	SHIM (.002")	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
4B,D	5116165	SHIM (.003")	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
4B,D	5116166	SHIM (.004")	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
4B,D	5116167	SHIM (.005")	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
3.4100 - SPACER, BLOWER ROTOR GEAR														
4B,D	5116168	SPACER	2	2	2	2	2	2	2	2	2	2	2	2
3.4115 - PLATE, BLOWER ROTOR GOVERNOR DRIVE														
	5121336	PLATE		1	1	1		1		1	1			1
	9409219	BOLT, 1/4"-28X3/4" (12.9001)		4	4	4		4		4	4			4
3.4140 - PLATE, BLOWER HOUSING END														
4A	5134914	PLATE, 3-53 FRONT AND REAR	1				1					1	1	
4A	5139299	PLATE, 3-53 REAR	1				1					1	1	
4D	5143636	PLATE, 6V-53 FRONT		1	1	1		1						1
4D	5134915	PLATE, 6V-53 REAR		1	1	1		1						1

3.4000 BLOWER AND DRIVE

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 6	3 3 7	3 3 8	3 4 4	3 4 5	3 4 6
3.4140 - PLATE, BLOWER HOUSING END (CONT'D)														
4D	5103452	PLATE, 4-53T FRONT AND REAR							2					
	5104312	PLATE, 6V-53T REAR								1	1			
	5104301	PLATE, 6V-53T FRONT								1	1			
	8924380	PLUG, 1/8" PIPE (12.9550)	2	2	2	2	2	2		2	2	2	2	2
	5121182	PLUG, 1/4" PIPE (2.4015)							2	4	4			
	141212	PIN, 5/16" (12.9290)							4	4	4			
	117297	SCREW, 5/16"-18-1 3/4" (12.9010)	4				4					4	4	
3.4160 - SEAL, BLOWER HOUSING END PLATE														
4A,D	5142266	SEAL	4	4	4	4	4	4	4	4	4	4	4	4
3.4180 - COVER, BLOWER HOUSING END PLATE														
4A,B,C	5119429	COVER, 3, 4, 6V-53 (FRONT)	1	1	1	1	1	1	1	1	1	1	1	1
4B	5119154	COVER, 4-53 (REAR)							1					
	5119394	PLATE, REINFORCEMENT (LARGE)	2	2	2	2	2	2	4	2	2	2	2	2
	5119395	PLATE, REINFORCEMENT (SMALL)	2	2	2	2	2	2	4	2	2	2	2	2
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)		6	6	6		6						6
	179851	BOLT, 3/8"-16X3" (12.9001)							12					
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)								6	6			
3.4190 - GASKET, BLOWER HOUSING END PLATE COVER														
4A,B,D	5119433	GASKET	2	1	1	1	2	1	2	1	1	2	2	1
3.4220 - SEAL, BLOWER DRIVE COVER														
	5180445	SEAL							1					
3.4227 - CLAMP, BLOWER DRIVE COVER PACKING														
	451220	CLAMP, 2 1/2" HOSE (12.9660)							1					
3.4300 - GEAR, BLOWER DRIVE														
4C	5107079	GEAR, 4-53 (R.H. HELIX; 45 TEETH)		1		1			1	1	1			
4C	5107078	GEAR, 4-53 (L.H. HELIX; 45 TEETH)			1									
4C	124546	KEY, 5/32"X5/8" WOODRUFF (12.9350)		1	1	1			1	1	1			1
3.4310 - HUB, BLOWER DRIVE GEAR														
4C	5116418	HUB (SHAFT) 6V-53		1	1	1					1			1
4C	5119284	HUB (SHAFT) 4-53							1					
4C	5103473	HUB (SHAFT) 6V-53								1				

3.4000 BLOWER AND DRIVE

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 6	3 3 7	3 3 8	3 4 4	3 4 5	3 4 6
3.4320 - WASHER, BLOWER DRIVE GEAR HUB THRUST														
4C	5119285	WASHER		1	1	1			1		1			1
4C	5117700	WASHER (3.4302)								2				
4C	9411765	RING (RETAINER)		1	1	1			1		1			1
3.4350 - SUPPORT, BLOWER DRIVE GEAR HUB														
4C	5129168	SUPPORT, 6V-53		1			1							
4C	5134680	SUPPORT, 6V-53			1	1								1
4C	5119175	SUPPORT, 4-53							1					
4C	8921267	SUPPORT, 6V-53 (INCLUDES BUSHINGS IN 3.4350)									1			
	5111423	BUSHING (1.7015)									1			
	5121343	COVER, 6V-53		1	1	1					1			1
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)							2					
4C	186288	BOLT, 3/8"-16X4 1/2" (12.9001)								2				
4C	9418964	BOLT, 3/8"-16X5" (12.9001)		6	6	6					6			6
4C	181360	BOLT, 3/8"-24X3/4" (12.9001)							3					
4C	103341	WASHER, 3/8" (12.9190)							2					
4C	5164294	WASHER, 3/8" I.D. X 1/8" THK. (7.1581)		4	4	4					4			4
4C	5152148	WASHER, 3/8" COPPER (2.4050)		2	2	2			3		2			2
	103321	LOCKWASHER, 3/8" (12.9200)							2	2				
3.4360 - GASKET, BLOWER DRIVE GEAR HUB SUPPORT														
4C	5121344	GASKET		1	1	1					1			1
4C	5116336	GASKET			1				1					
4C	5103474	GASKET		1		1				1	1			1
3.4370 - COUPLING, BLOWER DRIVE														
A COUPLING ASSY. INCLUDES ITEMS IN 3.4380 THRU 3.4410.														
4B,D	5119411	+ COUPLING ASSY., 4, 6V53						1	1	1	1			1
	8922969	COUPLING ASSY., 4, 6V53		1	1	1								
	5126237	SPACER (3.4100)		1	1	1		1	1	1	1			1
	9409221	BOLT, 1/4"-28X1 5/8" (12.9001)		4	4	4		4	4	4	4			4
+ NOT SERVICED, USE 8922969.														
3.4380 - SUPPORT, BLOWER DRIVE COUPLING														
4B,D	5119412	SUPPORT		1	1	1			1	1	1			1

3.4000 BLOWER AND DRIVE

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 6	3 3 7	3 3 8	3 4 4	3 4 5	3 4 6
3.4390 - CAM, BLOWER DRIVE COUPLING														
4B,D	5180323	+ CAM + NOT SERVICED, USE 8922970 AND 8922967.		1	1	1			1	1	1			1
3.4400 - SPRING, BLOWER DRIVE COUPLING														
4B,D	5180322	SPRING		30	30	30			30	30	30			30
3.4410 - SEAT, BLOWER DRIVE COUPLING SPRING														
	5180321	SEAT		2	2	2			2	2	2			2
3.4420 - RETAINER, BLOWER DRIVE COUPLING														
4B,D	5119466	RETAINER		1	1	1			1	1	1			1

3.4000 BLOWER AND DRIVE

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	3 7 1	3 7 2	3 7 4	3 9 1	3 9 7	3 9 8	4 3 4	4 3 6	4 3 7	4 3 8	4 4 1	4 4 5
3.4001 - BLOWER ASSY.														
REFER TO ASSEMBLY BREAKDOWN PAGE INDICATED.														
4D	5107524	BLOWER ASSY., 6V-53 (A1)	1	1	1								1	
4D	5142384	+ BLOWER ASSY., 6V-53 (A1)				1								
4A	5139305	BLOWER ASSY., 3-53 (A1)					1							
4B	5107532	BLOWER ASSY., 4-53 (B1)						1						
4D	5107526	BLOWER ASSY., 6V-53 (A1)							1					
	8924571	BLOWER ASSY., MINI-BYPASS 3-53 (B1)								1				
	8924570	BLOWER ASSY., MINI-BYPASS 4-53 (B1)									1			
	8924568	BLOWER ASSY., MINI-BYPASS 6V-53 (B1)										1		1
	5132923	BOLT, 7/16"-14X6.68" (NYLON PATH)	4	4	4	4	4	4	4	4	4	4	4	4
	5131913	WASHER, 7/16"	4	4	4	4	4	4	4	4	4	4	4	4
+ NOT SERVICED, USE BASIC BLOWER ASSEMBLY 5107524 FOR COMMERCIAL ENGINES AND 5107526 FOR MILITARY ENGINES.														
3.4003 - BLOWER KIT, INSTALLATION														
A KIT INCLUDES ITEMS IN 3.4010, 3.4025, 3.4190, 3.4220, 3.4227 AND COPPER WASHER IN 3.4350.														
A 6 CYLINDER KIT INCLUDES ITEMS IN 2.7010, 2.7051, 2.7650, 2.7700 AND HOSE AND CLAMPS IN 2.7834 AND GASKET IN 3.4190.														
5198043		BLOWER INSTALLATION KIT, 6V-53	AR	AR	AR	AR			AR			AR	AR	AR
5198041		BLOWER INSTALLATION KIT, 3-53					AR							
5198042		BLOWER INSTALLATION KIT, 4-53						AR						
NPN		BLOWER INSTALLATION KIT, 3-53								AR				
NPN		BLOWER INSTALLATION KIT, 4-53									AR			
3.4005 - BLOWER KIT, REPAIR														
TURBO AND NON-TURBO KITS CONSIST OF WASHERS IN 3.4080, PILOT IN 3.4082, PLUS ITEMS IN 3.4090, 3.4100, 3.416 0, 3.4320 AND SPACER IN 3.4370.														
5198683		BLOWER REPAIR KIT, 3, 4, 6V-53 (TURBO AND NON-TURBO)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

3.4000 BLOWER AND DRIVE

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		3 7 1	3 7 2	3 7 4	3 9 1	3 9 7	3 9 8	4 3 4	4 3 6	4 3 7	4 3 8	4 4 1	4 4 5
	3.4010 - GASKET, BLOWER												
	5121329 GASKET, 6V-53 (TO BLOCK)	2	2	2	2			2					
	5119438 GASKET, 6V-53	1	1	1	1			1			1	1	1
	5116295 GASKET, 3-53					1			1				
	5116296 GASKET, 4-53						1			1			
	8923566 GASKET, 6V-53										2	2	2
	5127963 RING, SEAL (TO BLOCK)	1	1	1	1			1			1	1	
	3.4025 - SCREEN, BLOWER												
	5122610 SCREEN, 6V-53	1	1	1	1			1				1	
	3.4100 - SPACER, BLOWER ROTOR GEAR												
4D	5126237 SPACER	1	1	1	1			1		1	1	1	1
	3.4115 - PLATE, BLOWER ROTOR GOVERNOR DRIVE												
	5121336 PLATE	1	1	1	1			1			1	1	1
	9409219 BOLT, 1/4"-28X3/4" (12.9001)	4	4	4	4			4			4	4	4
	3.4180 - COVER, BLOWER HOUSING END PLATE												
4C	5119429 COVER, 6V-53 (FRONT)	1	1	1	1	1		1			1	1	1
	8924553 COVER, 3-53 MINI-BYPASS (FRONT)								1	1			
	5119154 COVER, 4-53 MINI-BYPASS (REAR)									1			
	5119394 PLATE, REINFORCEMENT (LARGE)	2	2	2	2	2		2	2	4	2	2	2
	5119395 PLATE, REINFORCEMENT (SMALL)	2	2	2	2	2		2	1	4	2	2	2
	191249 BOLT, 3/8"-16X3 3/4" (12.9001)										6		6
	179830 BOLT, 5/16"-18X3" (12.9001)									2			
	427588 BOLT, 3/8"-16X2 1/2" (12.9001)	6	6	6	6			6				6	
	5116150 BOLT, 3/8"-16X10 11/16" (3.4001)					4			4				
	5121464 BOLT, 3/8"-24X10 3/16" (3.4001)					2			1				
	120393 WASHER, 5/16" (12.9190)									2			
	3.4190 - GASKET, BLOWER HOUSING END PLATE COVER												
4D	8924554 GASKET								1	1			
	5119433 GASKET	1	1	1	1	2		1	1	1	1	1	1
	3.4220 - SEAL, BLOWER DRIVE COVER												
	5180445 SEAL									1			
	3.4227 - CLAMP, BLOWER DRIVE COVER SEAL												
	451220 CLAMP, 2 1/2" HOSE (12.9660)									1			
	3.4300 - GEAR, BLOWER DRIVE												
4C	5116378 GEAR (R.H. HELIX; 39 TEETH)	1		1									
4C	5107079 GEAR (R.H. HELIX; 45 TEETH)		1		1		1	1		1	1	1	1
4C	124546 KEY, 5/32"X5/8" WOODRUFF (12.9350)	1	1	1	1		1	1		1	1	1	1

3.4000 BLOWER AND DRIVE

PART			TYPES											
..FIG	..NUMBER	NAME AND DESCRIPTION	3 7 1	3 7 2	3 7 4	3 9 1	3 9 7	3 9 8	4 3 4	4 3 6	4 3 7	4 3 8	4 4 1	4 4 5
		3.4320 - WASHER, BLOWER DRIVE GEAR HUB THRUST												
4C	5117700	WASHER (3.4302)										2	2	2
		3.4310 - HUB, BLOWER DRIVE GEAR												
4C	5103473	HUB (SHAFT) 6V-53	1	1				1			1	1	1	1
4C	5119284	HUB (SHAFT) 4-53			1	1			1					
4C	5116418	HUB (SHAFT) 6V-53												
		3.4320 - WASHER, BLOWER DRIVE GEAR HUB THRUST												
4C	5117700	WASHER (3.4302)	2	2										
4C	5119285	WASHER			1	1		1	1		1			
4C	9411765	RING (RETAINER)			1	1		1	1		1			

3.4000 BLOWER AND DRIVE

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 7 1	3 7 2	3 7 4	3 9 1	3 9 7	3 9 8	4 3 4	4 3 6	4 3 7	4 3 8	4 4 1	4 4 5
3.4350 - SUPPORT, BLOWER DRIVE GEAR HUB														
4C	8921267	SUPPORT, 6V-53 (INCLUDES BUSHINGS IN 3.4350)	1	1								1		
4C	5129168	SUPPORT, 6V-53			1	1								
4C	5119175	SUPPORT, 4-53						1			1			
4C	5134680	SUPPORT, 6V-53							1					
4C	8921297	SUPPORT, 6V-53											1	1
	8921738	COVER, 6V-53	1	1										
	5121343	COVER, 6V-53			1	1			1					
	5111423	BUSHING (1.7015)	2	2								2	2	2
4C	179838	BOLT, 3/8"-16X7/8" (12.9001)	1	1										
4C	186622	BOLT, 3/8"-16X1 1/4" (12.9001)						2			2			
4C	186288	BOLT, 3/8"-16X4 1/2" (12.9001)	2	2								2	2	2
4C	9418964	BOLT, 3/8"-16X5" (12.9001)			6	6			4					
4C	215510	BOLT, 3/8"-16X5 3/4" (12.9001)	4	4					2					
4C	181360	BOLT, 3/8"-24X3/4" (12.9001)						3			3			
4C	5164294	WASHER, 3/8" I.D.X1/8" THK. (7.1581)			4	4			4					
4C	5152148	WASHER, 3/8" COPPER (2.4050)	2	2	2	2		3	2		3	2	2	2
4C	103341	WASHER, 3/8" (12.9190)						2			2			
4C	103321	LOCKWASHER, 3/8" (12.9200)	5	5				2			2			
3.4360 - GASKET, BLOWER DRIVE GEAR HUB SUPPORT														
4C	5103474	GASKET	1	1	1	1			1			1	1	1
4C	5103476	GASKET	1	1										
4C	5116336	GASKET						1			1			
4C	5121344	GASKET	1			1			1					
3.4370 - COUPLING, BLOWER DRIVE														
A COUPLING ASSY. INCLUDES ITEMS IN 3.4380 THRU 3.4410.														
4B,D	5119411	+ COUPLING ASSY., 6V-53	1	1	1	1								
	8922969	COUPLING ASSY., 6V-53							1		1	1	1	1
	9409221	BOLT, 1/4"-28X1 5/8" (12.9001) + NOT SERVICED, USE 8922969.	4	4	4				4		4	4	4	4
3.4380 - SUPPORT, BLOWER DRIVE COUPLING														
4B,D	5119412	SUPPORT	1	1	1	1			1		1	1	1	1
3.4390 - CAM, BLOWER DRIVE COUPLING														
4B,D	8922970	CAM	1	1	1	1			1		1	1	1	1
3.4400 - SPRING, BLOWER DRIVE COUPLING														
4B,D	5180322	SPRING	30	30	30	30			30		30	30	30	30

3.4000 BLOWER AND DRIVE

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 7 1	3 7 2	3 7 4	3 9 1	3 9 7	3 9 8	4 3 4	4 3 6	4 3 7	4 3 8	4 4 1	4 4 5
		3.4410 - SEAT, BLOWER DRIVE COUPLING SPRING												
	5180321	SEAT	2	2	2	2			2		2	2	2	2
		3.4420 - RETAINER, BLOWER DRIVE COUPLING												
4B,D	5119466	RETAINER	1	1	1	1			1		1	1	1	1

3.4000 BLOWER AND DRIVE

PART		TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	4 6 8	4 7 0	4 7 1	5 4 7	5 5 2				
		3.4001 - BLOWER ASSY.									
		REFER TO ASSEMBLY BREAKDOWN PAGE INDICATED.									
	8924568	BLOWER ASSY., MINI-BYPASS 6V-53 (B1)	1				1				
	8926607	BLOWER ASSY., MINI-BYPASS 3-53T (B1)		1							
4D	5107524	BLOWER ASSY., 6V-53 (A1)			1						
	8928940	BLOWER ASSY., 3-53 (B1)				1					
	5132923	BOLT, 7/16"-14X6.68" (NYLON INSERT)	4		4		4				
	9433110	BOLT, 7/16"-14X6 11/16" (12.9001)		4		4					
	5131913	WASHER, 7/16"	4	4	4	4	4				
		3.4003 - BLOWER KIT, INSTALLATION									
		A 6 CYLINDER KIT INCLUDES ITEMS IN 2.7010, 2.7051, 2.7650, 2.7700 AND HOSE AND CLAMPS IN 2.7834 AND GASKETS IN 3.4010, 3.4190 AND 3.4360.									
	5198043	BLOWER INSTALLATION KIT, 6V-53	AR		AR						
	NPN	BLOWER INSTALLATION KIT, 3-53		AR							
	5198041	BLOWER INSTALLATION KIT, 3-53				AR					
		3.4005 - BLOWER KIT, REPAIR									
		TURBO AND NON-TURBO KITS CONSIST OF WASHERS IN 3.4080, PILOT IN 3.4082, PLUS ITEMS IN 3.4090, 3.4100, 3.4160 AND 3.4320.									
	5198683	BLOWER REPAIR KIT, 3, 4, 6V-53 (TURBO AND NON-TURBO)	AR	AR	AR	AR	AR				
		3.4010 - GASKET, BLOWER									
	5119438	GASKET, 6V-53 (2.7010)	1		1		1				
	5116295	GASKET, 3-53		1		1					
	8923566	GASKET, 6V-53	2		2		2				
	5127963	RING, SEAL (TO BLOCK)	1		1		1				
		3.4025 - SCREEN, BLOWER									
	5122610	SCREEN, 6V-53			1						
		3.4100 - SPACER, BLOWER ROTOR GEAR									
4D	5126237	SPACER	1		1		1				
		3.4115 - PLATE, BLOWER ROTOR GOVERNOR DRIVE									
	5121336	PLATE	1		1		1				
	9409219	BOLT, 1/4"-28X3/4" (12.9001)	4		4		4				

3.4000 BLOWER AND DRIVE

PART			TYPES														
..FIG	..NUMBER	NAME AND DESCRIPTION	4 6 8	4 7 0	4 7 1	5 4 7	5 5 2										
3.4180 - COVER, BLOWER HOUSING END PLATE																	
4C	5119429	COVER, 6V-53 (FRONT)	1		1	1	1										
	5119394	PLATE, REINFORCEMENT (LARGE)	2		2	2	2										
	5119395	PLATE, REINFORCEMENT (SMALL)	2		2	2	2										
	5121464	BOLT, 3/8"-24X10 3/16" (3.4001)				2											
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)	6				6										
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)			6												
	5116150	BOLT, 3/8"-16X10 11/16" (3.4001)				4											
3.4190 - GASKET, BLOWER HOUSING END PLATE COVER																	
4D	8924554	GASKET		1													
	5119433	GASKET	1		1	2	1										
3.4300 - GEAR, BLOWER DRIVE																	
4C	5107079	GEAR, R.H. HELIX (C & D ENG.)	1		1												
4C	124546	KEY, 5/32"X5/8" WOODRUFF (12.9350)	1		1												
3.4310 - HUB, BLOWER DRIVE GEAR																	
4C	5103473	HUB (SHAFT) 6V-53			1												
4C	5116418	HUB (SHAFT) 6V-53	1														

3.4000 BLOWER AND DRIVE

PART			TYPES														
FIG	NUMBER	NAME AND DESCRIPTION	4 6 8	4 7 0	4 7 1	5 4 7	5 5 2										
		3.4320 - WASHER, BLOWER DRIVE GEAR HUB THRUST															
4C	5117700	WASHER (3.4302)			2												
4C	5119285	WASHER	1														
4C	9211765	RING (RETAINER)	1														
		3.4350 - SUPPORT, BLOWER DRIVE GEAR HUB															
4C	8921267	SUPPORT, 6V-53 (INCLUDES BUSHINGS IN 3.4350)			1												
4C	5129168	SUPPORT, 6V-53	1														
	5121343	COVER, 6V-53	1														
	5111423	BUSHING (1.7015)			2												
4C	186288	BOLT, 3/8"-16X4 1/2" (12.9001)			2												
4C	9418964	BOLT, 3/8"-16X5" (12.9001)	6														
4C	5164294	WASHER, 3/8" I.D.X1/8" THK. (7.1581)	4														
4C	5152148	WASHER, 3/8" COPPER (2.4050)	2		2												
		3.4360 - GASKET, BLOWER DRIVE GEAR HUB SUPPORT															
4C	5103474	GASKET (3.4001)	1		1												
4C	5121344	GASKET	1														
		3.4370 - COUPLING, BLOWER DRIVE															
		A COUPLING ASSY. INCLUDES ITEMS IN 3.4380 THRU 3.4410.															
	8922969	COUPLING ASSY., 6V-53	1		1		1										
	9409221	BOLT, 1/4"-28X1 5/8" (12.9001)	4		4		4										
		3.4380 - SUPPORT, BLOWER DRIVE COUPLING															
4B,D	5119412	SUPPORT	1		1		1										
		3.4390 - CAM, BLOWER DRIVE COUPLING															
4B,D	8922970	CAM	1		1		1										
		3.4400 - SPRING, BLOWER DRIVE COUPLING															
4B,D	5180322	SPRING	30		30		30										
		3.4410 - SEAT, BLOWER DRIVE COUPLING SPRING															
	5180321	SEAT	2		2		2										
		3.4420 - RETAINER, BLOWER DRIVE COUPLING															
4B,D	5119466	RETAINER	1		1		1										

3.4000 BLOWER AND DRIVE

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
3.4001 - BLOWER ASSY.																
3E	5139301	BLOWER ASSY., 2-53 (RA, RB)	1													
3E	5139511	BLOWER ASSY., 2-53 (RC, RD)		1												
3E	5139693	BLOWER ASSY., 2-53			1											
3E	5139302	BLOWER ASSY., 2-53				1										
3E	5139304	BLOWER ASSY., 2-53					1									
3E	5142042	% BLOWER ASSY., 2-53						1								
4A	5139305	BLOWER ASSY., 3-53							1							
4A	5139306	BLOWER ASSY., 3-53								1						
4A	5103683	% BLOWER ASSY., 3-53									1					
4D	5142384	% BLOWER ASSY., 6V-53										1				
4D	5106342	% BLOWER ASSY., 6V-53											1			
4D	5107524	BLOWER ASSY., 6V-53												1		
4B	5103402	% BLOWER ASSY., 4-53													1	
4D	5107526	BLOWER ASSY., 6V-53														1
		% SHOWN FOR REFERENCE ONLY.														
3.4020 - HOUSING, BLOWER																
		A HOUSING ASSY. INCLUDES PINS.														
3E	5121327	HOUSING ASSY.	1	1												
3E	5121376	* HOUSING ASSY.			1	1										
3E	5119389	HOUSING ASSY.					1	1								
4A	5119391	HOUSING ASSY.							1	1	1					
4D	5119393	HOUSING ASSY.										1	1	1		1
4B	5119392	HOUSING ASSY.													1	
	141242	PIN, 3/8"X7/8" DOWEL (12.9290)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
		* OBSOLETE.														
3.4030 - ROTOR, BLOWER IMPELLER																
		ROTOR ASSY. INCLUDES SHAFT AND PIN WHICH ARE NOT SOLD SEPARATELY.														
3E	5139296	ROTOR ASSY., 2-53	2	2	2	2	2	2								
4A	5139297	ROTOR ASSY., 3-53							2	2	2					
4D	5134913	ROTOR ASSY., 6V-53										2		2		
4B	5139298	ROTOR ASSY., 4-53													2	
4D	5106298	ROTOR ASSY., 6V-53											2			2
3.4033 - PLATE, BLOWER ROTOR THRUST																
3E,4A	5134179	PLATE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3E,4A	5116170	SPACER	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3E,4A	9409062	BOLT, 1/4"-20X1" (12.9001)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3.4036 - WASHER, BLOWER ROTOR SHAFT THRUST																
3E,4A	5127077	WASHER, 25/64" I.D.	2	2	2	2	2	4	2	2	2	2	2	2	2	2
3E,4A	9409034	BOLT, 3/8"-24X7/8" (12.9001)	2	2	2	2	2	4	2	2	2	2	2	2	2	2
3.4080 - GEAR SET, BLOWER ROTOR																
3E,4A	5119194	GEAR (R.H. HELIX; 39 TEETH)	1	1			1	1	1	1	1					
3E,4A	5119195	GEAR (L.H. HELIX; 39 TEETH)	1	1	1	1	1	1	1	1	1					
3E	5121402	GEAR (R.H. HELIX; 39 TEETH)			1	1										

3.4000 BLOWER AND DRIVE

			COLUMN													
FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
3.4080 - GEAR SET, BLOWER ROTOR (CONT'D)																
4B,D	5128600	GEAR (L.H. HELIX; 39 TEETH)										1	1		1	
4B,D	5128599	GEAR (R.H. HELIX; 39 TEETH)										1	1		1	
4B,D	5107083	GEAR (R.H. HELIX; 45 TEETH)												1		1
4B,D	5107084	GEAR (L.H. HELIX; 45 TEETH)												1		1
3E,4A	9409018	BOLT, 5/16"-24X7/8" (12.9001)	2	2	2	2	2	2	2	2	2				2	
4D	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)										1	1	1		1
4D	9420604	BOLT, 5/16"-24X1 3/4" (12.9001)										1	1	1		1
3E,4A	5121403	WASHER, 21/64"X1"X3/16"	2	2	2	2	2	2	2	2	2					
4A,4B	5116316	WASHER													1	
3.4082 - PILOT, BLOWER DRIVE CAM																
4D	5126236	PILOT										2	2	2	1	2
3.4090 - SHIM, BLOWER ROTOR GEAR																
3E,4A	5116164	SHIM, .002"	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
3E,4A	5116165	SHIM, .003"	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
3E,4A	5116166	SHIM, .004"	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
3E,4A	5116167	SHIM, .005"	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
3.4100 - SPACER, BLOWER ROTOR GEAR																
3E,4A	5116168	SPACER	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3.4140 - PLATE, BLOWER HOUSING END																
3E,4A	5134914	PLATE, FRONT	1	1	1	1	1	1	1	1	1				2	
4D	5143636	PLATE, FRONT										1	1	1		1
3E,4A	5139299	PLATE, REAR	1	1		1	1	1	1	1	1					
4D	5134915	PLATE, REAR										1	1	1		1
3E	5139694	PLATE, REAR			1											
	8924380	PLUG, 1/8" PIPE (12.9550)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3E,4A	117297	SCREW, 5/16"-18X1 3/4" FIL. HD. (12.9010)	4	4	4	4	4	4	4	4	4					
3.4160 - SEAL, BLOWER HOUSING END PLATE																
3E,4A	5142266	SEAL (LIP TYPE)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3.4180 - COVER, BLOWER HOUSING END PLATE																
4B	5119429	COVER, 3, 4, 6V53 (FRONT)														1
4B	5119154	COVER, 4-53 (REAR)														1
	5119394	PLATE, REINFORCEMENT (LARGE)														4
	5119395	PLATE, REINFORCEMENT (SMALL)														4
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)														12
3.4190 - GASKET, BLOWER HOUSING END PLATE COVER																
4B	5119433	GASKET														2

3.4000 BLOWER AND DRIVE

PART FIG ... NUMBER ... NAME AND DESCRIPTION			COLUMN													
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
3.4370 - COUPLING, BLOWER DRIVE																
A COUPLING ASSY. INCLUDES ITEMS IN 3.4380 THRU 3.4410.																
4B,D	5119411	+ COUPLING ASSY., 4, 6V53													1	
	5126237	SPACER (3.4100)													1	
	9409221	BOLT, 1/4"-28X1 5/8" (12.9001)													4	
+ NOT SERVICED, USE 8922969.																
3.4380 - SUPPORT, BLOWER DRIVE COUPLING																
4D	5119412	SUPPORT										1			1	
3.4390 - CAM, BLOWER DRIVE COUPLING																
4D	8922970	CAM										1			1	
4D	5180323	+ CAM														
+ NOT SERVICED, USE 8922970 AND 8922967.																
3.4400 - SPRING, BLOWER DRIVE COUPLING																
4D	5180322	SPRING										30			30	
3.4410 - SEAT, BLOWER DRIVE COUPLING SPRING																
4D	5180321	SEAT										2			2	
3.4420 - RETAINER, BLOWER DRIVE COUPLING																
4B,D	5119466	RETAINER													1	

3.4000 BLOWER AND DRIVE

PART			COLUMN										
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K
3.4001 - BLOWER ASSY.													
4B	5103596	% BLOWER ASSY., 4-53	1										
4B	5103735	% BLOWER ASSY., 4-53		1									
4D	5103597	% BLOWER ASSY., 6V-53			1								
4B	5107531	BLOWER ASSY., 4-53				1							
4B	5107532	BLOWER ASSY., 4-53					1						
4B	8922496	BLOWER ASSY., 4-53						1					
	8924571	BLOWER ASSY., MINI-BYPASS 3-53							1				
	8924570	BLOWER ASSY., MINI-BYPASS 4-53								1			
	8924568	BLOWER ASSY., MINI-BYPASS 6V-53									1		
	8926607	BLOWER ASSY., MINI-BYPASS 3-53T (HARDENED GEARS)										1	
	8928940	BLOWER ASSY., 3-53 (HARDENED GEARS)											1
		% SHOWN FOR REFERENCE ONLY.											
3.4020 - HOUSING, BLOWER													
4B	5119392	HOUSING, 4-53	1	1		1	1						
4D	5119393	HOUSING, 6V-53			1								
4B	5103407	HOUSING, 4-53					1						
	8924564	HOUSING, 3-53						1				1	
	8924565	HOUSING, 4-53							1				
	8924566	HOUSING, 6V-53								1			
	5119391	HOUSING, 3-53 (INCLUDES PIN)											1
4D	141242	PIN, 3/8"X7/8" DOWEL (12.9290)	4	4	4	4	4	4	4	4	4	4	4
3.4030 - ROTOR, BLOWER IMPELLER													
4B	5139298	ROTOR ASSY.	2	2		2	2						
4D	5134913	ROTOR ASSY.			2								
4B	5103436	ROTOR ASSY.					2		2			2	
	8924584	ROTOR ASSY.						2					
	5104526	ROTOR ASSY.								2			
4A	5139297	ROTOR ASSY., 3-53											2
3.4033 - PLATE, BLOWER ROTOR THRUST													
4B,D	5134179	PLATE	1	1	1	1	1	1	1	1	1	1	1
4B,D	5116170	SPACER	3	3	3	3	3	3	3	3	3	3	3
4B,D	9409062	BOLT, 1/4"-20X1" (12.9001)	3	3	3	3	3	3	3	3	3	3	3
3.4036 - WASHER, BLOWER ROTOR SHAFT THRUST													
4B,D	5127077	WASHER, 25/64" I.D.	2	2	2	2	2	2	2	2	2	2	2
4B,D	9409034	BOLT, 3/8"-24X7/8" (12.9001)	2	2	2	2	2	2	2	2	2	2	2
3.4080 - GEAR SET, BLOWER ROTOR													
4B,D	5128600	GEAR (L.H. HELIX; 39 TEETH)	1	1	1			1					
4D	5128599	GEAR (R.H. HELIX; 39 TEETH)	1	1	1								
4B	5119194	GEAR (R.H. HELIX; 39 TEETH)					1						
4B	5107081	GEAR (R.H. HELIX; 45 TEETH)				1	1		1	1			
4B	5107082	GEAR (L.H. HELIX; 45 TEETH)						1					
4B,D	5107084	GEAR (L.H. HELIX; 45 TEETH)				1	1			1	1		
4B	5107083	GEAR (R.H. HELIX; 45 TEETH)									1		
4B	8924984	GEAR (L.H. HELIX; 45 TEETH)										1	1
4B	8924983	GEAR (R.H. HELIX; 45 TEETH)										1	1
4B	9409018	BOLT, 5/16"-24X7/8" (12.9001)	2	2		2	2	2	2	2	2	2	2

3.4000 BLOWER AND DRIVE

PART			COLUMN										
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K
3.4080 - GEAR SET, BLOWER ROTOR (CONT'D)													
4D	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)			1						1		
4D	9420604	BOLT, 5/16"-24X1 3/4" (12.9001)			1						1		
3E,4A	5121403	WASHER, 21/64"X1"X3/16"							2			2	
4B	5116316	WASHER	2	1		1	1	1		1			

3.4000 BLOWER AND DRIVE

PART .. FIG .. NUMBER .. NAME AND DESCRIPTION ..			COLUMN										
			A	B	C	D	E	F	G	H	I	J	K
3.4082 - PILOT, BLOWER DRIVER CAM													
4B,D	5126236	PILOT	1	1	2	1	1	1		1	2		
3.4090 - SHIM, BLOWER ROTOR GEAR													
4B,D	5116164	SHIM, .002"	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
4B,D	5116165	SHIM, .003"	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
4B,D	5116166	SHIM, .004"	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
4B,D	5116167	SHIM, .005"	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
3.4100 - SPACER, BLOWER ROTOR GEAR													
4B,D	5116168	SPACER	2	2	2	2	2	2	2	2	2	2	2
3.4140 - PLATE, BLOWER HOUSING END													
4D	5143636	PLATE, FRONT			1								
4D	5134915	PLATE, REAR			1								
4B	5134914	PLATE, REAR	1	1		2	2						2
4B	5103452	PLATE, FRONT AND REAR						2		1			
4H	8924546	PLATE, FRONT							1	1		1	
	5139299	PLATE, REAR							1			1	1
	5104301	PLATE, FRONT									1		
4H	8924545	PLATE, REAR									1		
	8924557	TUBE, VENT							1	1	1	1	
	141212	PIN, 5/16" (12.9290)						4	2	4	4	2	
4D	8924380	PLUG, 1/8" PIPE (12.9550)	2	2	2	2	2	1	1	2	2	1	4
4B	8923847	PLUG, 1/4" PIPE (4.7001)						2	1	2		1	
	179830	BOLT, 5/16"-18X3" (12.9001)										2	
	117297	SCREW, 5/16"-18X1 3/4" (12.9010)							2			2	4
	9421632	SCREW, 5/16"-18X3" SKT. HD. (12.9027)									2		
3.4144 - VALVE ASSY., BLOWER (MINI-BYPASS)													
4H	8924561	VALVE ASSY.							1	1	1	1	
4H	8926703	HOSE, 1/4"X2.00"L.							1	1	1	1	
3.4145 - SEAL, BLOWER VALVE (BYPASS)													
	8923959	SEAL									1		
3.4146 - CLAMP, BLOWER VALVE (MINI-BYPASS)													
4H	1622744	CLAMP							2	2	2	2	
	8927674	CLAMP									2		
4H	454813	BOLT, 1/4"-20X7/8" (12.9001)							2	2	2	2	
4H	103319	LOCKWASHER, 1/4" (12.9200)							2	2	2	2	
3.4160 - SEAL, BLOWER HOUSING END PLATE													
4B,D	5142266	SEAL (LIP TYPE)	4	4	4	4	4	4	4	4	4	4	6

3.4000 BLOWER AND DRIVE

PART		COLUMN										
FIG	NUMBER	NAME AND DESCRIPTION										
		A	B	C	D	E	F	G	H	I	J	K
	3.4180											
	8924553										1	
	179830										2	
	120393										2	
	3.4190											
	8924554										1	

3.4000A BLOWER DRIVE SHAFT

PART		TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	1	2	3	3						
			7	6	1	4	5					
		3.4445 - SHAFT, BLOWER DRIVE										
		FOR TYPE 42 USE TYPE 35.										
4B	5146721	+ SHAFT, 6.43" L. (.500" DIA. FOR TACH DRIVE)	1	1	1							
4G	5135006	SHAFT, 5.80" L.										
4F	5135845	SHAFT, 6.66" L. (FOR FUEL PUMP DRIVE)				1						
4F	5135876	SHAFT, 6.43" L. (HEAVY DUTY)					1					
		+ NOT SERVICED. USE 8922967 SHAFT AND 8922970 CAM.										
		3.4446 - RING, BLOWER DRIVE SHAFT										
4C	9414044	RING, SNAP	1	1			1					
4C	5135842	RING, SNAP				1						
		3.4450 - RETAINER, BLOWER DRIVE SHAFT										
4G	5132896	RETAINER				1						
4G	9409228	BOLT, 1/4"-28X2 1/4" LOCK (12.9001)				2						

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

TYPES

FIG	PART NUMBER	NAME AND DESCRIPTION	9 9	1 1 0	1 1 1	1 3 3	1 4 8	1 6 3	1 8 2	2 4 7	2 5 2	3 0 9	3 2 2					
		3.5001 - TURBOCHARGER																
		REFER TO ASSEMBLY BREAKDOWN AS SHOWN.																
	NPN	TURBOCHARGER ASSY. (CUSTOMER FURNISHED)					1											
	5132530	TURBOCHARGER ASSY., 6V53 (PAGE A1)	1															
10A	5138740	TURBOCHARGER ASSY., 4-53 (PAGE A1)		1														
10A	5138565	TURBOCHARGER ASSY., 4-53 (PAGE A1)			1													
	5141322	# TURBOCHARGER ASSY., 8V53 (PAGE A1)				1		1										
10A	5143099	TURBOCHARGER ASSY., 6V53 (PAGE A1)							1	1								
	5101431	TURBOCHARGER ASSY., 6V53 (PAGE A1)																
	181374	BOLT, 3/8"-24X1 1/2" (12.9001)		4	4							1	1	1				
	103321	LOCKWASHER, 3/8" (12.9200)		4	4													
	103026	NUT, 3/8"-24 (12.9120)		4	4													
		# NOT SERVICED, COMPONENTS ARE AVAILABLE. FOR A COMPLETE REPLACEMENT USE 5145126.																
		3.5002 - BRACKET, TURBOCHARGER SUPPORT																
	5102569	BRACKET															1	
	5102576	BRACKET															1	
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)															4	
	179862	BOLT, 7/16"-14X1 1/2" (12.9001)															2	
	103341	WASHER, 3/8" (12.9190)															4	
		3.5300 - BRACKET, TURBOCHARGER MOUNTING																
	5162960	BRACKET ASM., 6V53	1						1								1	
	5138758	BRACKET		1	1													
	5138763	+ BRACKET		1														
	5138762	BRACKET, 4-53		1	1													
	5138587	+ BRACKET			1													
	5141633	BRACKET, 8V53 (SUPPORT)				1		1										
	5141636	BRACKET, 8V53				1		1										
	5141642	BRACKET, 8V53 (SUPPORT)				1		1										
	5100413	BRACKET								1	1							
	5164294	SPACER, 13/32"X7/8"X1/8" (7.1581)		4	4			2										
	5175882	GASKET (SPACER) (4.4115)				1												
	181596	BOLT, 5/16"-24X7/8" (12.9001)		2	2													
	8927581	BOLT, 3/8"-16X1" (12.9001)				3		2										
	8927582	BOLT, 3/8"-16X1 1/4" (12.9001)		2	2	4		4										
	181365	BOLT, 3/8"-24X1 1/8" (12.9001)		2	2												4	
	181399	BOLT, 7/16"-20X1 3/8" (12.9001)						4										
	180175	BOLT, 1/2"-13X1 1/4" (12.9001)	4						4								4	
	9415527	BOLT, 1/2"-20X1 3/8" (8.1009)				2												
	181433	BOLT, 1/2"-20X1 3/4" (12.9001)				2												
	186631	BOLT, 1/2"-13X2 1/4" (12.9001)								3	3							
	103341	WASHER, 3/8" (12.9190)		2	2	4		10									12	
	103342	WASHER, 7/16" (12.9190)						4									2	
	103343	WASHER, 1/2" (12.9190)				4												
	5159714	WASHER, 11/16" X 1/8" (2.7290)																
	103320	LOCKWASHER, 5/16" (12.9200)		2	2													
	103321	LOCKWASHER, 3/8" (12.9200)		AR	AR	AR		AR									AR	
	103322	LOCKWASHER, 7/16" (12.9200)						4										
	103323	LOCKWASHER, 1/2" (12.9200)				4				3	3							
	114493	LOCKNUT, 5/16"-24 (2.7170)		2	2													
	103026	NUT, 3/8"-24 (12.9120)		2	2													
	103026	NUT, 3/8"-24 (12.9120)															4	

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

			TYPES										
FIG	PART NUMBER	NAME AND DESCRIPTION	9 9	1 1 0	1 1 1	1 3 3	1 4 8	1 6 3	1 8 2	2 4 7	2 5 2	3 0 9	3 2 2
	3.5300 - BRACKET, TURBOCHARGER MOUNTING (CONT'D)												
	456939	NUT, 7/16"-20 (12.9120)						4					
	103028	NUT, 1/2"-20 (12.9120) + OBSOLETE				4							
	3.5305 - CONNECTOR, TURBOCHARGER EXHAUST INLET												
	5138905	CONNECTOR (90 DEG.)	2				2		2				2
	5141635	CONNECTOR				1		1					
	5100410	ADAPTOR (TEE)								1	1		
	5100401	CONNECTOR (LEFT BANK REAR)								1	1		
	5100402	CONNECTOR (RIGHT BANK REAR)								1	1		
	5138745	+ ADAPTOR (L.B. ENGINE)		1									
	5138747	+ ADAPTOR (R.D. ENGINE)			1								
	272471	STUD, 3/8"-16-24X6" (12.9117)		5	5								
	5138904	MANIFOLD (EXH. INLET)	1										
	5146391	MANIFOLD							1				1
	5146440	TUBE ASSY.				1		1					
	5102575	TUBE ASSY. (R.H.)										1	
	5102574	TUBE ASSY. (L.H.)										1	
	5103734	HOSE, 5" I.D.X1.25"L.											1
	5162988	CLAMP ASSY. (SEGMENTED)	1						1				
	5146165	CLAMP, 3.88" DIA. (6.2085)				3		3		4	4	4	4
	5137620	CLAMP, 3.82" DIA. (6.2085)	4				4		4	4			
	5137619	CLAMP, 4 1/2" DIA. (6.2085)								1			
	5136911	CLAMP, 4 3/4" DIA.						1			1	1	1
	5114937	CLAMP, 5 1/2" DIA. (3.1280)											
	456353	PIN, 1/8"X5/16" L. (12.9275)	1										
	8927579	BOLT, 3/8"-16X7/8" (12.9001)	4						2				4
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)									3		
	181361	BOLT, 3/8"-24X7/8" (12.9001)				4		4					
	186627	BOLT, 3/8"-24X1" (12.9001)							2				
	103341	WASHER, 3/8" (12.9190)				4							
	5164292	WASHER, 7/16" (1.7605)						4					
	103321	LOCKWASHER, 3/8" (12.9200)	AR	5	5	AR		AR	AR		AR		4
	102635	NUT, 3/8"-16 (12.9120)	2										2
	103026	NUT, 3/8"-24 (12.9120) + OBSOLETE	5	5					2				
	3.5307 - GASKET, TURBOCHARGER EXHAUST INLET CONNECTION												
	8923492	GASKET, 4-53		1	1								
	3.5325 - GASKET, TURBOCHARGER EXHAUST OUTLET												
	5138759	GASKET, 4-53 (3.5307)		1	1								
	3.5417 - ELBOW, TURBOCHARGER AIR OUTLET												
10A	5138771	TUBE, 4-53 L.B. ENGINE (3.5217)		1									
10A	5138770	TUBE, 4-53 R.D. ENGINE			1								
	5134059	TUBE, 8V53				1		1					
	5124405	GASKET (3.3007)		1	1								
10A	186629	BOLT, 5/16"-18X1" (12.9001)		4	4								
	103320	LOCKWASHER, 5/16" (12.9200)		4	4								

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART FIG NUMBER NAME AND DESCRIPTION			TYPES									
			9	1	1	1	1	1	2	3		
			9	1	1	1	4	1	2	5	3	
			0	1	3	8	6	8	4	2	0	2
							3		7	2	9	
	3.5418	GASKET, TURBOCHARGER AIR OUTLET ELBOW										
	5138755	GASKET, 4-53 (INTERCOOLER TO BLOWER)		1	1							
	3.5420	HOSE, TURBOCHARGER AIR OUTLET CONNECTION										
10A	5199781	HOSE, 2.5" I.D. X 2.25" L. (5.2165)		1								
	5140613	HOSE, 3.5" I.D. X 2" L. (3.5305)			1	1		1				
10A	5162888	HOSE, 3.5" I.D. X 2 3/4" L.				1		1	1	1	1	1
10A	5162818	HOSE, 3.38" I.D. - 3.10" DIA. X 2.40" L.	1									
	5142594	* HOSE, #16 X 3 1/2" L. (3.5505)						1				
	5186840	CLAMP, 1" HOSE (12.9660)						2				
10A	5188036	CLAMP, 3" HOSE (12.9660)		2								
10A	5147912	CLAMP, 3 1/2" HOSE (3.5420)	2		4	4		4	2	2	2	
	5147911	CLAMP, 3 1/2" HOSE (3.5420)										2
	9139813	CLAMP, 4" HOSE (3.5400)									2	
	5146164	CLAMP ASSY., 4.88" DIA. (3.5305)									1	
		* STD. LENGTH HOSE, CUT TO LENGTH SHOWN.										
	3.5425	INTERCOOLER, TURBOCHARGER										
10A	8534927	% INTERCOOLER ASM., 4-53	1	1								
	8927580	BOLT, 3/8"-16 X 1" (12.9001)	2	2								
	8927582	BOLT, 3/8"-16 X 1 1/4" (12.9001)	4	4								
	103321	LOCKWASHER, 3/8" (12.9200)	6	6								
		% NOT SERVICED, FOR SERVICE USE 8545998.										
	3.5500	TUBE, TURBOCHARGER OIL SUPPLY										
	5146389	# TUBE ASSY.							1			
	5138508	TUBE, UPPER 8V53				1		1				
	5144393	TUBE, LOWER 8V53				1		1				
	5146356	HOSE, FLEX. 6 57/64" L.				1		1				
	5139343	HOSE, FLEX. 28 1/2" L.		1	1							
	5131575	HOSE ASSY. 39 1/4" L. (7.8300)	1						1	1	1	1
	5199575	@ HOSE, BULK #6 CUT L. 53" (12.8550)										
	5199579	FITTING, #6 HOSE 5/8"-18 MALE INV. FL. STRAIGHT (12.8552)									1	
	5199588	FITTING, #6 HOSE 5/8"-18 MALE INV. FL. 90 DEG. (12.8552)									1	
	8924218	CONNECTOR, 5/16, TUBE (12.9460)	1	1								
	8924171	+ CONNECTOR, 3/8" INV. FL. TUBE (12.9460)	1		1				1	1	1	1
	442338	UNION, 3/8" INV. FL. TUBE (12.9475)						2				
	5121182	PLUG, 1/4" PIPE (2.4015)				1		1				
	178917	TEE, 3/8" INV. FL. TUBE (12.9616)				1		1				
	8925720	BUSHING, RED. 1/2" X 1/4" (12.9570)				1	1	1				
	8924144	ELBOW, 5/16" INV. FL. TUBE 45 DEG. (12.9480)		1	1							
	8924161	ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)									1	1
	8925030	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)	1			1	1	1	1	1		
	5133418	COVER	1			1		1				
	5131847	COVER		1	1			1	1	1	1	1
	5170466	GASKET		1	1			1	1	1	1	1
	5133425	GASKET	1			1						
	5170468	GASKET (3.5505)						1				

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	9	1	1	1	1	1	2	2	3	3	
			9	1	1	1	4	1	8	2	5	3	
			0	1	3	8	6	2	4	2	0	2	
							3	7			9		
		3.5500 - TUBE, TURBOCHARGER OIL SUPPLY (CONT'D)											
	186625	BOLT, 5/16"-18X7/8" (12.9001)	2		2			2					
	8927580	BOLT, 3/8"-16X1.015" (12.9001)					2	2					
	8927581	BOLT, 3/8"-16X1" (12.9001)		2	2		1		2	2	2	2	
	103320	LOCKWASHER, 5/16" (12.9200)	2		2			2					
	103321	LOCKWASHER, 3/8" (12.9200)		2	2		2	2	2	2	2	2	
		# NOT SERVICED; FOR REPLACEMENT											
		CONTACT DDA ENGINEERING											
		DEPARTMENT.											
		@ STD. BULK HOSE, CUT TO LENGTH											
		SHOWN.											
		+ OMIT 5131847 COVER OR 5103890											
		SPACER WHEN OIL SUPPLY HOLE IS											
		TAPPED.											
		3.5502 - CLIP, TURBOCHARGER OIL SUPPLY TUBE											
	5147599	CLIP, 1/2" HOSE (2.5120)	1		2			1	1	1			
	5134759	CLIP (2.5156)			2		2						
	2488022	CLIP, #6 HOSE (12.8554)										1	
	5171509	CLIP, 5/8" TUBE, 3/8" BOLT (9.1591)										1	
	3291251	CLIP, 5/8" TUBE, 1/2" BOLT (1.1060)										1	
	5159393	BRACKET, CLIP (SUPPORT) (4.1575)				1		1					
	5108612	BRACKET, CLIP (4.4345)				1		1					
	181309	BOLT, 1/4"-28X1/2" (12.9001)				2		2					
	179857	BOLT, 7/16"-14X7/8" (12.9001)				1		1					
	120392	WASHER, 1/4" (12.9190)				1		1					
	103319	LOCKWASHER, 1/4" (12.9200)				2		2					
	103322	LOCKWASHER, 7/16" (12.9200)				1		1					
	121902	NUT, 1/4"-28 (12.9120)				2		2					
		3.5505 - TUBE, TURBOCHARGER OIL RETURN											
	5133417	% TUBE ASSY., 6V53	1										
	5133353	TUBE ASSY., 6V53	1					1					
10A	5139485	% TUBE, 4-53		1									
10A	5139486	% TUBE, 4-53			1								
	5141641	% TUBE, 2.88" L. 8V53				1							
	5146226	TUBE, 8V53					1						
	5100412	TUBE ASSY. (UPPER)							1	1			
	5100411	TUBE ASSY. (LOWER)							1	1			
	5102650	TUBE ASSY., 6V53									1		
	5143869	TUBE ASSY., (LOWER)									1		
	5103050	TUBE (W/FLANGE)										1	
	5133353	TUBE ASSY.										1	
10A	5130627	HOSE, 1 1/8" X 4 5/16"							1	1			
	5135293	* HOSE, 26"L. (2.5060)		1	1								
	5144591	HOSE, 7/8"X10 3/4"L.									1		
	5113030	HOSE, 1 1/8"X6 1/2"	1					1				1	
	5132237	FITTING, 5/8" INV. FL. TUBE (2.6005)		1	1								
	128140	% BUSHING, RED. 3/4"X1/2" (12.9570)		1	1								
	143341	ELBOW, 5/8" INV. FL. TUBE 90 DEG. (12.9480)			1	1							
	5141644	ADAPTOR, TURBOCHARGER DRAIN				1							
	2337379	CLAMP, 1 1/2" HOSE (12.9660)	2			2		2				2	
	5186840	CLAMP, 1" HOSE (12.9660)							2	2	2		
	442343	ELBOW, 5/8"-90 DEG. (12.9480)		1	1								
	5170468	GASKET	1				1		1	1	1	1	
	5138977	GASKET		1	1								
	5133426	GASKET				1							
	5132774	GASKET (4.8070)				1		1					

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

[illegible]

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	3 7 1	3 7 4	3 7 5	3 9 0	4 1 5	4 6 9	4 7 0	5 2 8	5 3 2	5 3 3	5 5 4	5 5 5
3.5001 - TURBOCHARGER														
REFER TO ASSEMBLY BREAKDOWN AS SHOWN.														
5B	5104082	TURBOCHARGER ASSY., 6V53 (A1)	1											
	5106635	@ TURBOCHARGER ASSY., 4-53 (A1) (5103905)		1					1					
5B	5107067	TURBOCHARGER ASSY., 3-53 (A1)				1		1		1		1	1	1
5B	5107431	TURBOCHARGER ASSY., 6V-53 (A1)					2							
5B	5104803	@ + TURBOCHARGER ASSY., 4-53 (A1) (5103905)			1						1			
	5104978	SEAL RING, 1.102"X1.138"	1											
	5130488	STUD, 3/8"-16-24X1.88" (5.2020)	4											
	8927270	STUD, 3/8"-16X1 5/8" (12.9117)		4	4	4	8		4		4	4	4	
	103197	STUD, 3/8"-16-24X13/16" (12.9117)												4
	103196	STUD, 3/8"-16-24X1 9/16" (12.9117)						4		4				
	187425	BOLT, 7/16"-14X5 1/4" (12.9001)	2											
	5131433	WASHER, .41"X.81"X.1345" (1.5001)	4	4	4	4	4	4	4	4	4	4	4	4
	103322	WASHER, 7/16" (12.9200)	2											
	9411981	NUT, 3/8"-24 LOCK (12.9120)	4	4	4	4	16	4	4	4	4	4	4	4
+ THE COMPRESSOR COVER AND TURBINE HOUSING POSITION MAY NEED TO BE INDEXED.														
@ NOT SERVICED, USE PART NUMBER SHOWN IN PARENTHESES.														
3.5300 - BRACKET, TURBOCHARGER MOUNTING														
	5104258	BRACKET (CROSSOVER TUBE SUPT.) (3.5502)									1			
	5173022	BRACKET (5.5379)						1				1	1	
	5157412	SPACER, 7/8" O.D.X13/32" I.D. (7.4013)									2			
	186622	BOLT, 3/8" 16X1 1/4" (12.9001)									2			
	8927581	BOLT, 3/8"-16X1" (12.9001)									2			
	8927580	BOLT, 3/8"-16X1.015" (12.9001)						1				1	1	
	5103707	CLAMP, U BOLT									1			
	103341	WASHER, 3/8" (12.9190)						1			2	1	1	
	120392	WASHER, 1/4" (12.9190)									2			
	103321	LOCKWASHER, 3/8" (12.9200)						1			2	1	1	
	120380	LOCKWASHER, 1/4" (12.9200)									2			
	120375	NUT, 1/4"-20 (12.9120)									2			
	102635	NUT, 3/8"-16 (12.9120)						1				1	1	
3.5305 - CONNECTOR, TURBOCHARGER EXHAUST INLET														
	5104083	ADAPTOR (TEE)	1											
	5106670	TEE (3.5417)					1							
	5104264	TUBE (R. BANK)	1											
	5104086	TUBE (L. BANK)	1											
	5104256	TUBE									1			
	5140613	HOSE, 3.5" I.D.X2"L						1						
	5106669	ELBOW, TURBO						2						
	5137620	CLAMP ASSY., 3.82" DIA. (6.2085)	4											
	9139813	CLAMP, HOSE 4" (12.9660)						2						

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	3 7 1	3 7 4	3 7 5	3 9 0	4 1 5	4 6 9	4 7 0	5 2 8	5 3 2	5 3 3	5 5 4	5 5 5
3.5307 - GASKET, TURBOCHARGER EXHAUST INLET CONNECTION														
8923492	GASKET, 6V53		1											
5103394	GASKET, 3-53, 4-53			1	1	1	2	1	1	1	1	1	1	1
5107018	GASKET, 6V53						2							
3.5420 - HOSE, TURBOCHARGER AIR OUTLET CONNECTION														
5144041	HOSE, 3" I.D. X 2 3/4" L.		1											
5103399	HOSE, 2 1/2" I.D. X 2 3/8" L.			1	1		2		1		2			
5106626	HOSE, 2 1/2" I.D. X 2 1/2" L.					1		1		1		1	1	1
5138336	CLAMP, HOSE 4" (3.4227)		2											
9139809	CLAMP, 2 1/16"—3" CLAMPING RANGE (12.9660)				2	2		4		2		2		
8920537	CLAMP, HOSE 1 9/16"—2 1/2" CLAMPING RANGE (12.9660)						2	2	2		2		2	2
3.5500 - TUBE, TURBOCHARGER OIL SUPPLY														
5123918	COVER, 6V53 (1.1060)												1	
5131847	COVER, 6V53		1											
5199575	@ HOSE, BULK #6 CUT L. 34" (12.8550)		1											
5199575	@ HOSE, BULK #6 CUT L. 28" (12.8550)			1					1					
5199575	@ HOSE, BULK #6 CUT L. 32" (12.8550)				1									
5199575	@ HOSE, BULK #6 CUT L. 39" (12.8550)					1		1		1		1	1	1
5199575	@ HOSE, BULK #6 CUT L. 19" (12.8550)										1			
5199575	@ HOSE, BULK #6 CUT L. 54" L. (12.8550)						1							
5199575	@ HOSE, BULK #6 CUT L. 29" (12.8550)						1							
5199579	FITTING, #6 HOSE 5/8"-18 MALE INV. FL. STRAIGHT	1	1	1	1	1	2	1	1	1	1	1	1	1
5199588	FITTING, #6 HOSE 5/8"-18 MALE INV. FL. 90 DEG.		1	1	1	1	2	1	1	1	1	1	1	1
5149530	FITTING, #6 HOSE 5/8"-18 MALE INV. FL. 45 DEG. (12.8552)	1												
5103890	SPACER		1	1	1	1	2	1	1	1	1	1	1	1
5170466	GASKET	1	1	1	1	1	2	1	1	1	1	1	1	1
8925030	ELBOW, 3/8"-90 DEG. INV. FL. TUBE (12.9480)			1	1	1	3	1	1	1	1			1
8924216	ELBOW, 3/8"-90 DEG. INV. FL. TUBE (12.9480)	1	1	1	1	1		1	1	1	1	2	2	1
8924171	+ CONNECTOR, 3/8" INV. FL. TUBE (12.9460)	1								1			1	1
8924142	BUSHING, 1/4" X 1/8" RED. (BRASS) (12.9570)		1	1					1			1	1	
8924161	ELBOW, 3/8" INV. FL. TUBE 45 DEG. (12.9480)													
8925720	BUSHING, 1/4" X 1/2" RED. (12.9570)						1							
5101020	STRAP (2.5255)						2							
8924380	PLUG, 1/8" PIPE (12.9550)											1	1	
8924214	TEE, 1/8" PIPE (7.4586)	1												
8927579	BOLT, 3/8"-16 X 7/8" (12.9001)				1			1		1		1	1	1
8927581	BOLT, 3/8"—16 X 1" (12.9001)	2												
179823	BOLT, 5/16"-18 X 1 5/8" (12.9001)					4	2	2	2	2	2	2	2	2
103321	LOCKWASHER, 3/8" (12.9200)	2			1			1		1		1	1	1
103320	LOCKWASHER, 5/16" (12.9200)					4	2	2	2	2	2	2	2	2
102635	NUT, 3/8"-18 (12.9120)									1				
8926979	DRAINCOCK, 1/8" (12.9510)											1	1	
	@ STD. BULK HOSE, CUT TO LENGTH SHOWN.													
	+ OMIT 5103890 SPACER WHEN OIL SUPPLY HOLE IS TAPPED.													

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART		TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION											
		3 7 1	3 7 4	3 7 5	3 9 0	4 1 5	4 6 9	4 7 0	5 2 8	5 3 2	5 3 3	5 5 4	5 5 5
3.5502 - CLIP, TURBOCHARGER OIL SUPPLY TUBE													
5131190	CLIP, 3/8" (2.5120)	1											
2488022	CLIP, #6 HOSE (12.8554)	2	4	3	3	2	3	1	3	1	3	3	3
5166565	BRACKET, CLIP (9.1591)	1											
181360	BOLT, 3/8"-24X3/4" (12.9001)	1											
5101377	BOLT, 3/8" 16X1" (W/SEAL PATCH) (5.2020)	2											
103341	WASHER, 3/8" (12.9190)	1											
103026	NUT, 3/8"-24 (12.9120)	1											
103321	LOCKWASHER, 3/8 (12.9200)	3											
3.5505 - TUBE, TURBOCHARGER OIL RETURN													
5104098	TUBE ASSY. (3.5503)				1								
5103398	TUBE ASSY., 4-53		1	1									
5106627	TUBE ASSY., 3-53				1								
5107001	TUBE ASSY., 6V53 (LB)					1							
5107003	TUBE ASSY., 6V53 (RB)					1							
8920654	TUBE ASSY., 3-53						1	1	1				1
5106340	TUBE ASSY., 4-53									1			
5106337	TUBE ASSY., 4-53									1			
8922262	TUBE ASSY., 3-53 (3.5503)										1	1	
5103859	HOSE ASSY., #16X16"L		1	1									
5169721	HOSE ASSY., 7/8"X24"L (4.8010)					2							
5137686	HOSE ASSY., 7/8"X32"L (4.3001)						1		1				1
5125788	HOSE, 7/8"X23.50"L (9.1720)							1			1	1	
5107024	ADAPTOR (3.5503)					1							
5104192	HOSE, #16X1.75"L				1					1			
5138977	GASKET		1	1	1	2	1	1	1	1	1	1	1
5116391	GASKET (1.5060)					1							
8925129	ELBOW, 1"-90 STREET (12.9590)		1	1				1					
8926234	ELBOW, 1"X45 DEG. (12.9590)											1	1
217986	ELBOW, 1"X3/4"-90 DEG. PIPE (12.9600)												
5144702	CONNECTOR, 3/4" (5.2165)					2		1	1		1		
8924164	NIPPLE, 3/4"X1 3/8" PIPE (12.9560)						1		1		1		
127874	NIPPLE, 1"X1 1/2" (12.9560)		1										
5186840	CLAMP, HOSE 1" (12.9660)					4				2			
8927581	BOLT, 3/8"-16X1" (12.9001)		2	2	2	4	2	2	2	2	2	2	2
179824	BOLT, 5/16"-18X1 3/4" (12.9001)					2							
103321	LOCKWASHER, 3/8" (12.9200)		2	2	2	4	2	2	2	2	2	2	2
103320	LOCKWASHER, 5/16" (12.9200)					2							
3.5507 - CLIP, TURBOCHARGER OIL RETURN TUBE													
5142270	CLIP (4.8183)			1									
5127859	CLIP (4.8040)		1										
5147753	CLIP, #16 (12.8562)						1	1	1		1	1	1
5186840	CLAMP, 13/16"-1 1/2" CLAMPING RANGE (12.9660)												
179823	BOLT, 5/16"-18X1 5/8" (12.9001)		2	2	2								
8927580	BOLT, 3/8"-16X1.015" (12.9001)										1	1	
103341	WASHER, 3/8" (12.9190)										1	1	
103320	LOCKWASHER, 5/16" (12.9200)		2	2	2								
103321	LOCKWASHER, 3/8" (12.9200)										1	1	

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 7 1	3 7 4	3 7 5	3 9 0	4 1 5	4 6 9	4 7 0	5 2 8	5 3 2	5 3 3	5 5 4	5 5 5
3.5535 - INSULATION BLANKET, TURBOCHARGER														
10A	5107187	BLANKET, 6V53					2							
10A	8923927	BLANKET, R.B. 6V53					1							
10A	8923928	BLANKET, L.B. 6V53					1							

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART			TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	6 2 7	6 4 1	6 4 2	6 4 7	6 5 2	6 8 9	6 9 0	7 3 1	7 4 2	7 4 3	7 4 4	7 4 5	7 4 6
3.5001 - TURBOCHARGER															
REFER TO ASSEMBLY BREAKDOWN AS SHOWN.															
5B	5107067	TURBOCHARGER ASSY., 3-53 (A1)	1		1	1									
5B	5106635	@ TURBOCHARGER ASSY., 4-53 (A1)		1			1			1	1		1	1	1
5B	5107431	TURBOCHARGER ASSY., 6V-53 (A1)						2							
5B	8922614	TURBOCHARGER ASSY., 3-53 (A1)							1						
5B	5101508	TURBOCHARGER ASSY., 6V-53 (A1)										1			
	103197	STUD, 3/8"-16X13/16" (12.9117)						8							
	8927270	STUD, 3/8"-16X1 5/8" (12.9117)	4	4	4	4	4	8	4	4	4		4	4	4
	5131433	WASHER, .41"X.81"X.1345" (1.5001)	4	4	4	4	4	16	4	4	4		4	4	4
	9411981	NUT, 3/8"-24 LOCK (12.9120)	4	4	4	4	4	16	4	4	4		4	4	4
@ NOT SERVICED, USE 5103905.															
3.5300 - BRACKET, TURBOCHARGER MOUNTING															
	5173022	BRACKET (5.5379)	1		1	1									
	8927580	BOLT, 3/8"-16X1.015" (12.9001)	1		1	1									
	103341	WASHER, 3/8" (12.9190)	1		1	1									
	103321	LOCKWASHER, 3/8" (12.9200)	1		1	1									
	102635	NUT, 3/8"-16 (12.9120)	1		1	1									
3.5305 - CONNECTOR, TURBOCHARGER EXHAUST INLET															
	5106670	TEE (3.5417)						1							
	5140613	HOSE, 3.5" I.D. X 2" L.						1							
	5106669	ELBOW, TURBO						2							
	9139813	CLAMP, HOSE 4" (3.5400)						2							
3.5307 - GASKET, TURBOCHARGER EXHAUST INLET CONNECTION															
	5103394	GASKET, 3 & 4-53	1	1	1	1	1	2	1	1	1		1	1	1
	5107018	GASKET, 6V53						2				2			
	8923492	GASKET, 6V53										1			
3.5420 - HOSE, TURBOCHARGER AIR OUTLET CONNECTION															
	5106626	HOSE, 2 1/2" I.D.X2 1/2"L. (3.5424)	1		1	1			1						
	5103399	HOSE, 2 1/2" I.D.X2 3/8"L.		1			1	2		1	1		1	1	1
	8920537	CLAMP, HOSE 2 1/2" (12.9660)	2		2	2			2						
	9139809	CLAMP, HOSE 2 1/2" (12.9660)		2			2	4		2	2		2	2	2
3.5500 - TUBE, TURBOCHARGER OIL SUPPLY															
	5199575	@ HOSE, BULK #6 CUT L. 39" (12.8550)	1		1	1			1						
	5199575	@ HOSE, BULK #6 CUT L. 28" (12.8550)		1			1			1	1		1	1	1
	8923850	HOSE ASSY., #6X33.55"L.						1							
	8924034	HOSE ASSY., #6X58.55" L.						1							
	5199579	FITTING, #6 HOSE, 5/8"-18 MALE INV. FL., STRAIGHT (12.8552)	1	1	1	1	1		1	1	1		1	1	1
	5199588	FITTING, #6 HOSE, 5/8"-18 MALE INV. FL., 90 DEG. (12.8552)	1	1	1	1	1		1	1	1		1	1	1
	8924171	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)	1	1	1	1	1	4	1	1	1		1	1	1
	8924216	ELBOW, 3/8"-90 DEG. INV. FL. TUBE (12.9480)	1		1	1			1						

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART		TYPES													
FIG	NUMBER	NAME AND DESCRIPTION													
		6 2 7	6 4 1	6 4 2	6 4 7	6 5 2	6 8 9	6 9 0	7 3 1	7 4 2	7 4 3	7 4 4	7 4 5	7 4 6	
3.5500 - TUBE, TURBOCHARGER OIL SUPPLY (CONT'D)															
8925030	ELBOW, 3/8"-90 DEG. (12.9480)		1			1			1	1		1	1	1	
8924161	ELBOW, 3/8"-45 DEG. (12.9480)						1								
8925720	BUSHING, 1/4"X1/2" RED. (12.9570)						1								
5101020	STRAP (2.5255)						2								
8924380	PLUG, 1/8" PIPE (12.9550)	1													
8926979	DRAINCOCK, 1/8" (12.9510)	1													
8927579	BOLT, 3/8"-16X7/8" (12.9001)	1		1	1			1							
103321	LOCKWASHER, 3/8" (12.9200)	1		1	1			1							
	@ STD. BULK HOSE CUT TO LENGTH SHOWN.														
3.5502 - CLIP, TURBOCHARGER OIL SUPPLY TUBE															
2488022	CLIP, #6 HOSE (12.8554)	3	1	3	3	1		3	1	1		1	1	1	
2362448	CLIP, .688" DIA. (12.8554)						2								
3.5505 - TUBE, TURBOCHARGER OIL RETURN															
8922262	TUBE ASSY., 3-53 (3.5503)	1													
8920654	TUBE ASSY., 3-53		1	1	1	1						1	1		
5107001	TUBE ASSY., 6V53 (LB)						1								
5107003	TUBE ASSY., 6V53 (RB)						1								
5104098	TUBE ASSY., 3-53							1	1						
5106627	TUBE ASSY., 3-53 (3.5503)							1							
8924840	TUBE ASSY., 4-53								1					1	
8924917	TUBE ASSY., 4-53									1					
8924842	HOSE, #16X33.0" L.		1												
8923874	HOSE, 7/8"X33.0" L.			1									1		
5138899	HOSE, 7/8"X38 1/2" (4.3020)				1										
8923873	HOSE, 7/8"X25.0" L.	1				1						1			
5169721	@ HOSE, BULK 7/8" CUT L. 2 1/2" (4.8010)						2								
5142594	HOSE, #16X4" L.							1		1					
8924842	HOSE, #16X33"L.								1					1	
8924207	ADAPTOR (4.4330)	1		1											
5107024	ADAPTOR (3.5503)						1								
5138977	GASKET	1	1	1	1	1	2	1	1	1		1	1	1	
5116391	GASKET (1.5060)						1								
8925129	ELBOW, 1"-90 DEG., STREET (12.9590)		1												
217986	ELBOW, 1"X3/4"-90 DEG. PIPE (12.9600)				1										
5144702	CONNECTOR, 3/4" (5.2165)						2								
8924208	CONNECTOR, 1" (9.1720)					1						1	1		
8924164	NIPPLE, 3/4"X1 3/8" PIPE (12.9560)				1										
5186840	CLAMP, HOSE 1" (12.9660)						4	2	2	2				2	
179824	BOLT, 5/16"-18X1 3/4" (12.9001)						2								
8927581	BOLT, 3/8"-16"X1" (12.9001)	2	3	2	2	2	4	2	2	2		2	2	2	
103320	LOCKWASHER, 5/16" (12.9260)						2								
103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	2	2	4	2	2	2		2	2	2	
	@ STD. BULK HOSE CUT TO LENGTH SHOWN.														
3.5507 - CLIP, TURBOCHARGER OIL RETURN TUBE															
5147753	CLIP, #16 LONG (12.8562)	1		1	1	1			1			1		1	
5142270	CLIP (4.8183)		1										1		
5127859	CLIP, 1" TUBE (4.8040)					1									
5174091	CLIP, 7/8" TUBE (4.8040)									1					

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART		TYPES													
..FIG ..	NUMBER	NAME AND DESCRIPTION	6 2 7	6 4 1	6 4 2	6 4 7	6 5 2	6 8 9	6 9 0	7 3 1	7 4 2	7 4 3	7 4 4	7 4 5	7 4 6
	3.5507	- CLIP, TURBOCHARGER OIL RETURN TUBE (CONT'D)													
	8927580	BOLT, 3/8"-16X1.015" (12.9001)	1							1					
	8927581	BOLT, 3/8"-16X1" (12.9001)												1	1
	103341	WASHER, 3/8" (12.9190)	1												
	103321	LOCKWASHER, 3/8" (12.9200)	1												
	3.5535	- INSULATION BLANKET, TURBOCHARGER													
	8923926	BLANKET, 6V53						2							
	8923927	BLANKET, 6V53						1							
	8923928	BLANKET, 6V53						1							

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	7 5 3	7 5 4	7 5 7	7 5 8	7 5 9	7 6 0	7 6 1	7 6 2	7 6 3	7 6 4	7 6 5	7 6 6
3.5001 - TURBOCHARGER														
REFER TO ASSEMBLY BREAKDOWN AS SHOWN.														
TYPE 754 IS THE TURBOCHARGER ASSY. ONLY.														
5B	5101431	TURBOCHARGER ASSY., 6V-53 (A1)	1											
	5101508	TURBOCHARGER ASSY., 6V-53 (A1)		1										
	8925133	TURBOCHARGER ASSY., 3-53 (PAGE B1)			1	1	1	1	1					
	8925134	TURBOCHARGER ASSY., 3,4-53 (PAGE B1)								1	1	1	1	1
	8927270	STUD, 3/8"-16X1 5/8" (12.9117)			4	4	4	4	4	4	4	4	4	4
	5131433	WASHER, .41"X.81"X.1345" (1.5001)			4	4	4	4	4	4	4	4	4	4
	9411981	NUT, 3/8"-24 LOCK (12.9120)			4	4	4	4	4	4	4	4	4	4
3.5300 - BRACKET ASSY., TURBOCHARGER MOUNTING														
	8924591	BRACKET	1											
	5173022	BRACKET (5.5379)			1		1	1						
	8927580	BOLT, 3/8"-16X1.015" (12.9001)			1		1	1						
	180175	BOLT, 1/2"-13X1 1/4" (12.9001)	4											
	454933	BOLT, 7/16"-14X1 1/8" (12.9001)	1											
	103341	WASHER, 3/8" (12.9190)			1		1	1						
	103321	LOCKWASHER, 3/8" (12.9200)			1		1	1						
	102635	NUT, 3/8"-16 (12.9120)			1		1	1						
3.5305 - CONNECTOR, TURBOCHARGER EXHAUST INLET														
	8924586	TUBE (R.B.)	1											
	8924587	TUBE (L.B.)	1											
	8924585	TEE	1											
	5146165	CLAMP, 3.88" DIA. (6.2085)	4											
	5146164	CLAMP, 4.75" DIA.	1											
	191249	BOLT, 3/8"-16X3 3/4" (12.9001)	3											
	103321	LOCKWASHER, 3/8" (12.9200)	3											
3.5307 - GASKET, TURBOCHARGER EXHAUST INLET CONNECTION														
	5103394	GASKET, 3, 4-53			1	1	1	1	1	1	1	1	1	1
3.5420 - HOSE, TURBOCHARGER AIR OUTLET CONNECTION														
10A	5162888	HOSE, 3.5" I.D.X2 3/4" L.	1											
10A	5106626	HOSE, 2 1/2" I.D.X2 1/2" L. (3.5424)			1	1	1	1	1					
10A	5103399	HOSE, 2 1/2" I.D.X2 3/8" L.								1	1	1	1	1
	5147911	CLAMP, 3 1/2" HOSE (3.5420)	2											
	8920537	CLAMP, 2 1/2" HOSE (12.9660)			2	2	2	2	2					
	9139809	CLAMP, 2 1/2" HOSE (12.9660)								2	2	2	2	2
3.5500 - TUBE, TURBOCHARGER OIL SUPPLY														
	8924607	TUBE ASSY. (3.5505)	1											
	5199575	+ HOSE, #6 BULK (CUT L. 39.0") (12.8550)	1		1	1	1	1	1					
	5199575	+ HOSE, #6 BULK (CUT L. 28.0") (12.8550)								1	1	1	1	1

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART		TYPES											
..FIG ..	NUMBER ..	NAME AND DESCRIPTION ..											
		7 5 3	7 5 4	7 5 7	7 5 8	7 5 9	7 6 0	7 6 1	7 6 2	7 6 3	7 6 4	7 6 5	7 6 6
3.5500 - TUBE, TURBOCHARGER OIL SUPPLY (CONT'D)													
5123918	COVER (1.1060)					1							
5199579	FITTING, #6 HOSE (STRAIGHT) (12.8552)	1		1	1	1	1	1	1	1	1	1	1
5199588	FITTING, #6 HOSE (90 DEG.) (12.8552)	1		1	1	1	1	1	1	1	1	1	1
8924171	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)	1		1	1	1	1	1	1	1	1	1	1
8926232	ADAPTOR, 1/8" PIPE (12.9570)	1											
8924216	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)	1		1	1	1	1	1		1	1	1	1
8925030	ELBOW, 3/8"-90 DEG. (12.9480)								1	1	1	1	1
8924380	PLUG, 1/8" PIPE (12.9550)					1							
8926979	DRAINCOCK, 1/8" (12.9510)					1							
+ BULK HOSE, CUT TO LENGTH SHOWN.													
3.5502 - CLIP, TURBOCHARGER OIL SUPPLY TUBE													
2488022	CLIP, #6 HOSE (12.8554)	3		3	3	3	3	3	1	1	1	1	1
5126504	BRACKET (4.1512)	1											
100001	BOLT, 1/4"-28X3/4" (12.9001)	1											
179796	BOLT, 1/4"-20X7/8" (12.9001)	1											
8927579	BOLT, 3/8"-16X7/8" (12.9001)			1	1	1	1	1					
120392	WASHER, 1/4" (12.9190)	2											
103319	LOCKWASHER, 1/4" (12.9200)	2											
103321	LOCKWASHER, 3/8" (12.9200)			1	1	1	1	1					
121902	NUT, 1/4"-28 (12.9120)	1											
3.5505 - TUBE, TURBOCHARGER OIL RETURN													
8924592	TUBE ASSY.	1											
8920654	TUBE ASSY.			1	1		1	1			1	1	
8922262	TUBE ASSY.					1							
8924917	TUBE ASSY.								1				
8924840	TUBE ASSY.									1			1
5104098	TUBE ASSY.												1
5112425	HOSE, 1 1/8"X1.88" (4.8175)	1											
5138899	HOSE, 7/8"X38 1/2"L. (4.3020)			1									
5137686	HOSE, 7/8"X32"L. (4.3001)				1			1					
5142594	HOSE, #16X4"L.								1				
8923873	HOSE, #16X25"L.					1						1	
8924842	HOSE, #16X33"L.									1			1
8923874	HOSE, #16X37"L.						1				1		
5170468	GASKET	1											
5138977	GASKET			1	1	1	1	1	1	1	1	1	1
9402713	CONNECTOR, 1" (12.9380)			1									
8924207	ADAPTOR (4.4330)					1	1						
8924208	ADAPTOR (9.1720)												
8926234	ELBOW, 1"-45 DEG. (12.9590)				1						1	1	
217986	ELBOW, 1"X3/4"-90 DEG. PIPE (12.9600)												
8924164	NIPPLE, 3/4"X1 3/8" PIPE (12.9560)							1					
5186840	CLAMP, 1 1/8" (12.9660)	2						1					
179816	BOLT, 5/16"-18X3/4" (12.9001)	2											
8927581	BOLT, 3/8"-16X1" (12.9001)			2	2	2	2	2	2	2	2	2	2
103320	LOCKWASHER, 5/16" (12.9200)												
103321	LOCKWASHER, 3/8" (12.9200)	2		2	2	2	2	2	2	2	2	2	2

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART		TYPES												
..FIG ..	NUMBER	NAME AND DESCRIPTION	7 5 3	7 5 4	7 5 7	7 5 8	7 5 9	7 6 0	7 6 1	7 6 2	7 6 3	7 6 4	7 6 5	7 6 6
	3.5507	CLIP, TURBOCHARGER OIL RETURN TUBE												
	5147753	CLIP, #16 (12.8562)			1	1	1	1	1		1		1	1
	5174091	CLIP, 7/8" TUBE (4.8040)								1				
	5142270	CLIP (4.8183)										1		
	5186840	CLAMP, 13/16"-1 1/2" RANGE (12.9660)								2	2			2
	8927581	BOLT, 3/8"-16X1" (12.9001)								1	1	1		1
	8927580	BOLT, 3/8"-16X1.015" (12.9001)					1							
	103341	WASHER, 3/8" (12.9190)					1							

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

			TYPES												
FIG	PART NUMBER	NAME AND DESCRIPTION	8 2 4	8 2 5	8 2 8	8 2 9	8 4 0	8 4 1	8 4 2	8 4 3	8 4 4	8 4 5	8 4 6	8 4 7	8 4 8
	3.5001 - TURBOCHARGER														
		REFER TO ASSEMBLY BREAKDOWN ON PAGE INDICATED BELOW.													
5B	8924252	TURBOCHARGER ASSY. (6V) (TV7301) (PAGE B1)		1		1									
5B	5101431	TURBOCHARGER ASSY. (6V) (TV8104) (PAGE A1)			1										
5B	8926099	TURBOCHARGER ASSY. (6V) (TV6302) (PAGE B1)					1								
5B	8926100	TURBOCHARGER ASSY. (3-53) (TO4E02) (PAGE B1)	1					1	1	1	1	1			
5B	8926101	TURBOCHARGER ASSY. (4-53) (TO4E03) (PAGE B1)											1	1	1
	5104978	RING, SEAL 1.102"-1.138" I.D.X.092"-.098" WIDE (SQUARE SECTION)		1			1								
	8927270	STUD, 3/8"-16-24X1.62" (12.9117)	4					4	4	4	4	4	4	4	4
	187425	BOLT, 7/16"-14X5 1/4" (12.9001)		2			2								
	103322	LOCKWASHER, 7/16" (12.9200)		2			2								
	5131433	WASHER, .41"X.81"X.14" (1.5001)	4					4	4	4	4	4	4	4	4
	9411981	NUT, 3/8"-24 (12.9120)	4					4	4	4	4	4	4	4	4
	3.5300 - BRACKET, TURBOCHARGER MOUNTING														
	8926382	BRACKET (3.5002)			1										
	8927230	SUPPORT (BRACKET) (R. BANK)			1										
	8927231	SUPPORT (BRACKET) (L. BANK)			1										
	5160425	SPACER, 13/32"X23/32" (2.3267)			2										
	5164294	SPACER, 7/8"X13/32"X1/8" (7.1581)			2										
	8927581	BOLT, 3/8"-16X1" (12.9001)			4										
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)			4										
	189330	BOLT, 3/8"-24X3 3/4" (12.9001)			2										
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)			2										
	9430221	BOLT, 3/8"-24X4 3/4" (1.2080)			2										
	103321	LOCKWASHER, 3/8" (12.9200)			14										
	103341	WASHER, 3/8" (12.9190)			4										
	5131433	WASHER, .41"X.81"X.14" SPECIAL (1.5001)			8										
	102635	NUT, 3/8"-16 (12.9120)			4										
	103026	NUT, 3/8"-24 (12.9120)			2										
	3.5305 - CONNECTOR, TURBOCHARGER EXHAUST INLET														
	23500205	TUBE ASSY. (L. BANK)		1											
	23500206	TUBE ASSY. (R. BANK)		1											
	8926390	TUBE ASSY. (L. BANK)			1										
	8926389	TUBE ASSY. (R. BANK)			1										
	5104264	TUBE ASSY. (R. BANK)					1								
	5104086	TUBE ASSY. (L. BANK)					1								
	5104083	TEE		1			1								
	8924585	TEE			1										
	5146165	CLAMP, 3.88" DIA. (6.2085)	4	4	3										
	5146164	CLAMP, 4.75" DIA.			1										
	5137620	CLAMP, 3.82" DIA. (6.2085)						4							
	5130488	STUD, 3/8"X1.88" (5.2020)	4					4							
	9409914	BOLT, 3/8"-16X4 1/4" (12.9001)			3										
	103321	LOCKWASHER, 3/8" (12.9200)			3										
	5131433	WASHER, .41"X.81"X.14" SPECIAL (1.5001)	4					4							
	102635	NUT, 3/8"-16 (12.9120)			3										
	9411981	NUT, 3/8"-24 (12.9120)	4					4							

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES												
			8 2 4	8 2 5	8 2 8	8 2 9	8 4 0	8 4 1	8 4 2	8 4 3	8 4 4	8 4 5	8 4 6	8 4 7	8 4 8
		3.5307 - GASKET, TURBOCHARGER EXHAUST INLET CONNECTION													
	8923492	GASKET		1		1	1								
	5103394	GASKET	1					1	1	1	1	1	1	1	1
		3.5420 - HOSE, TURBOCHARGER AIR OUTLET CONNECTION													
10A	5162888	HOSE, 3.50" I.D.X2.75" L.		1	1	1									
10A	5144041	HOSE, 3" I.D.X2 3/4" L.					1								
10A	5106626	HOSE, 2 1/2" I.D.X2 1/2" L. (3.5424)	1					1	1		1	1			
10A	5103399	HOSE, 2 1/2" I.D.X2 3/8" L.											1	1	1
	5147911	CLAMP, 3 1/2" HOSE		2	2										
	5138336	CLAMP, 2.938"-3.25" CLAMPING RANGE (3.4227)					2								
	8920537	CLAMP, 1 9/16"-2 1/2" CLAMPING RANGE (12.9660)	2					2	2	2	2	2			
	9139809	CLAMP, 2 1/16"-3" CLAMPING RANGE (12.9660)											2	2	2
	9139813	CLAMP, 3 1/2" HOSE (3.5400)			2										
		3.5500 - TUBE, TURBOCHARGER OIL SUPPLY													
	5199575	+ HOSE, #6 BULK (CUT L. 28") (12.8550)											1	1	1
	5199575	+ HOSE, #6 BULK (CUT L. 34") (12.8550)		1			1								
	5199575	+ HOSE, #6 BULK (CUT L. 39") (12.8550)	1					1	1	1	1	1			
	5199575	+ HOSE, #6 BULK (CUT L. 45") (12.8550)			1										
	5123918	COVER (1.1060)									1				
	8924380	PLUG, 1/8"-27 (12.9550)	1								1				
	8926978	DRAINCOCK, 1/8" (12.9510)									1				
	5199579	FITTING, #6 HOSE (STRAIGHT) (12.8552)	1	1	2		1	1	1	1	1	1	1	1	1
	8923965	FITTING, #6 HOSE INV. FLD. (12.8552)		1			1								
	5199588	FITTING, #6 HOSE (90 DEG.) (12.8552)	1					1	1	1	1	1	1	1	1
	8924214	TEE, 1/8" PIPE (12.9616)					1								
	8924161	ELBOW, 45 DEG. INV. FLD. TUBE (12.9480)		1											
	8925030	ELBOW, 90 DEG. INV. FLD. TUBE (12.9480)			2								1	1	1
	8924216	ELBOW, 90 DEG. INV. FLD. TUBE (12.9480)	1				1	1	1	1	1	1			
	8924171	CONNECTOR, 3/8" INV. FLD. TUBE (12.9460)	1	1			1	1					1	1	1
		+ BULK HOSE, CUT TO LENGTH SHOWN.													
		3.5502 - CLIP, TURBOCHARGER OIL SUPPLY TUBE													
	2488022	CLIP, #6 HOSE (12.8554)	3	2	1		2	3	3	3	3	3	1	1	1
	5131190	CLIP, 3/8" (2.5120)		1			1								
	5175606	BRACKET (4.1540)		1			1								
	5173022	BRACKET (5.5379)	1					1		1	1				
	8927579	BOLT, 3/8"-16X7/8" (12.9001)	1					1	1	1	1	1			
	181360	BOLT, 3/8"-24X3/4" (12.9001)		1											
	8927580	BOLT, 3/8"-16X1.015" (12.9001)	1					1		1	1				
	5101377	BOLT, 3/8"-16X1" (5.2020)					2								
	103321	LOCKWASHER, 3/8" (12.9200)					3		1	2	2	1			
	103341	WASHER, 3/8" (12.9190)	1	1			1	1		1	1				
	102635	NUT, 3/8"-16 (12.9120)	1							1	1				
	102635	NUT, 3/8"-16 (12.9120)						1							
	117049	NUT, 3/8"-24 (12.9120)		1			1								

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART		TYPES													
FIG	NUMBER	NAME AND DESCRIPTION	8 2 4	8 2 5	8 2 8	8 2 9	8 4 0	8 4 1	8 4 2	8 4 3	8 4 4	8 4 5	8 4 6	8 4 7	8 4 8
3.5505 - TUBE, TURBOCHARGER OIL RETURN															
8926381		TUBE ASSY.			1										
5143856		TUBE ASSY.			1										
8920654		TUBE ASSY.	1					1	1		1	1			1
8922262		TUBE ASSY. (3.5503)								1					
8924917		TUBE ASSY.											1		
8924840		TUBE ASSY.												1	
5138899		HOSE ASSY., NO. 16X38.50" L. (4.3020)						1							
5144756		HOSE, 7/8"X18" L.			1										
5137686		HOSE ASSY., NO. 16X32" L. (4.3001)							1			1			
8923874		HOSE ASSY., NO. 16X37" L.	1								1				1
5142594		HOSE, #16X4" L.											1		
8924842		HOSE, #16X33" L.												1	
8923873		HOSE ASSY., #16X25" L.								1					
5170468		GASKET			1	1									
5138977		GASKET	1					1	1	1	1	1	1	1	1
5116391		GASKET (1.5060)			1										
9402713		CONNECTOR, 1" (12.9380)						1							
8924171		CONNECTOR, 3/8" INV. FLD. TUBE (12.9460)								1	1	1	1		
5142070		FLANGE				1									
8924208		ADAPTOR, STRAIGHT 1" (9.1720)													1
8924207		ADAPTOR, STRAIGHT 1" INV. FLD. TUBE (4.4330)	1								1	1			
8926234		ELBOW, 45 DEG. ST. 1" (12.9590)							1						
5137871	+	ELBOW, 90 DEG. SWIVEL 1"								1	1				1
217986		ELBOW, 90 DEG. 1X3/4" RED. (12.9600)											1		
8924164		NIPPLE, 3/4"X1 3/8" (12.9560)											1		
8927580		BOLT, 3/8"-16X1.015" (12.9001)			2	2		2							
8927581		BOLT, 3/8"-16X1" (12.9001)	2					2	2	2	2	2	2	2	2
103321		LOCKWASHER, 3/8" (12.9200)	2		2	2		2	2	2	2	2	2	2	2
		+ PART OF HOSE ASSEMBLY.													
3.5507 - CLIP, TURBOCHARGER OIL RETURN TUBE															
5184291		CLIP, 1 1/4" (8.3820)			1										
5147753		CLIP, 1.188" DIA. (12.8562)						1	1	1	1	1		1	
5174091		CLIP, 7/8" (4.8040)											1		
5142270		CLIP, 1 1/4" DIA. (4.8183)													1
5147753		CLIP, 1.188" DIA. (12.8562)	1												
5186840		CLAMP, 13/16"-1 1/2" RANGE (12.9660)											2	2	
8927580		BOLT, 3/8"-16X1.015" (12.9001)			2						1				
8927581		BOLT, 3/8"-16X1" (12.9001)												1	1
103321		LOCKWASHER, 3/8" (12.9200)									1				
103341		WASHER, 3/8" (12.9190)									1				
3.5535 - INSULATION BLANKET, TURBOCHARGER															
8924257		BLANKET, 6V			1										

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART ..FIG .. NUMBER		NAME AND DESCRIPTION		TYPES														
		8 4 9	8 5 0	9 0 7	9 0 8	9 3 6	9 5 9	9 9 1	9 9 8	1 0 2 7								
3.5001 - TURBOCHARGER																		
REFER TO ASSEMBLY BREAKDOWN ON PAGE INDICATED BELOW.																		
8926101	TURBOCHARGER ASSY., 453 TO4E03 .81 A/R (PAGE B1)	1	1															
8926100	TURBOCHARGER ASSY., 353 TO4E02 .68 A/R (PAGE B1)			1	2	1												
8926099	TURBOCHARGER ASSY., 6V53 TV6302 1.05 A/R (PAGE B1)						1											
8927030	TURBOCHARGER ASSY., 6V53 TV7511 .96 A/R (PAGE B1)							1										
8924252	TURBOCHARGER ASSY., 6V53 TV7301 1.08 A/R (PAGE B1)								1	1								
5104978	RING, SEAL 1.102"-1.138" I.D.X.092"-.098" WIDE SQUARE SECTION						1			1								
8927270	STUD, 3/8"-16-24X1.62" (12.9117)	4						8										
5130488	STUD, 3/8"-16-24X1.88" (5.2020)						4		4	4								
187425	BOLT, 7/16"-14X5 1/4" (12.9001)						2			2								
5131433	WASHER, .41"X.81"X.1345" (1.5001)	4	4	4	8	4	4	8	4	4								
103322	LOCKWASHER, 7/16" (12.9200)						2			2								
9411981	NUT, 3/8"-24 LOCK (12.9120)	4	4	4	8	4	4	8	4	4								
3.5305 - CONNECTIONS, TURBOCHARGER EXHAUST INLET																		
5104264	TUBE ASSY. (R. BANK)						1											
5104086	TUBE ASSY. (L. BANK)						1											
8928643	TUBE ASSY. (LH)								1									
8928642	TUBE ASSY. (RB)								1									
23500206	TUBE ASSY. (LB)									1								
23500205	TUBE ASSY. (RB)									1								
5140613	HOSE, 3 1/2" I.D.X2" L.				1													
5106669	ELBOW				2													
5106670	TEE (3.5417)				1													
8928638	TEE								1									
5104083	TEE						1			1								
103197	STUD, 3/8"-16-24X13/16" (12.9117)				8													
5137620	CLAMP, 3.82" DIA. (6.2085)						4											
427588	BOLT, 3/8"-16X2 1/2" (12.9001)								3									
5131433	WASHER, .41"X.81"X.1345" (1.5001)				8													
103321	LOCKWASHER, 3/8" (12.9200)								3									
9411981	NUT, 3/8"-24 LOCK (12.9120)				8													
9139813	CLAMP, 3 1/2" HOSE (3.5400)				2													
5146165	CLAMP, 3.88" (6.2085)								4	4								
3.5307 - GASKET, TURBOCHARGER EXHAUST INLET CONNECTION																		
5103394	GASKET, 3, 4-53	1	1	1	2	1												
8923492	GASKET						1		1	2								
5107018	GASKET				2			2										
3.5308 - BRACKET, TURBOCHARGER EXHAUST INLET CONNECTION																		
8928644	BRACKET, TEE SUPPORT								1									
8927582	BOLT, 3/8"-16X1 1/4" (12.9001)								2									
193221	BOLT, 7/16"-14X1 1/4" (12.9001)								1									
186725	BOLT, 1/2"-13X1 1/2" (12.9001)								2									

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES									
			8 4 9	8 5 0	9 0 7	9 0 8	9 3 6	9 5 9	9 9 1	9 9 8	1 0 2 7	
		3.5308 - BRACKET, TURBOCHARGER EXHAUST INLET CONNECTION (CONT'D)										
	103321	LOCKWASHER, 3/8" (12.9200)								2		
	103322	LOCKWASHER, 7/16" (12.9200)								1		
	103323	LOCKWASHER, 1/2" (12.9200)								2		
		3.5420 - HOSE, TURBOCHARGER AIR OUTLET CONNECTION										
10A	5103399	HOSE, 2 1/2" I.D.X2 3/8" L	1	1		2						
10A	5106626	HOSE, 2 1/2" I.D.X2 1/2" L (3.5424)			1		1					
	5144041	HOSE, 3" I.D.X2 3/4" L						1				
	5162888	HOSE, 3 1/2" I.D.X2 3/4" L								1	1	
	9139809	CLAMP, 2 1/2" HOSE (12.9660)	2	2		4						
	8920537	CLAMP, 2 1/2" HOSE (12.9660)			2		2					
	5138336	CLAMP, 2.938"-3.25" CLAMPING RANGE (3.4227)						2				
	9139813	CLAMP, 3 1/2" HOSE (3.5400)								2		
	5147911	CLAMP, 3 1/2" HOSE									2	
		3.5500 - TUBE, TURBOCHARGER OIL SUPPLY										
	5199575	+ HOSE, #6 BULK (CUT L. 28.0")	1	1								
	5199575	+ HOSE, #6 BULK (CUT L. 39.0")			1		1					
	5199575	+ HOSE, #6 BULK (CUT L. 34.0")						1			1	
	8924034	HOSE, #6X58.55" L				1						
	8923850	HOSE, #6X33.55" L				1						
	5123918	COVER (1.1060)					1					
	8925720	BUSHING, 1/2"X1/4" RED. (12.9570)				1						
	8924171	CONNECTOR, 3/8" INV. FL. TUBE	1	1	1	4	1	1			1	
	5199579	FITTING, #6 HOSE (STRAIGHT) (12.8552)	1	1	1		1	1			1	
	5199588	FITTING, #6 HOSE (90 DEG.) (12.8552)	1	1	1		1				1	
	8923965	FITTING, #6 HOSE (90 DEG.) (12.8552)						1				
	8924216	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)			1		1	1				
	8925030	ELBOW, 3/8"-90 DEG. (12.9480)	1	1								
	8924161	ELBOW, 3/8"-45 DEG. (12.9480)				1						
	8924214	TEE, 1/8" PIPE (12.9616)						1				
	8924380	PLUG, 1/8"-27 PIPE (W/SEAL) (12.9550)					1					
	8926978	DRAINCOCK, 1/8" (12.9510)					1					
		+ BULK HOSE, CUT TO LENGTH SHOWN.										
		3.5502 - CLIP, TURBOCHARGER OIL SUPPLY TUBE										
	2488022	CLIP, #6 HOSE (12.8554)	1	1	3		3	3			2	
	2362448	CLIP, #8 HOSE (12.8554)				2						
	5131190	CLIP, 3/8" (2.5120)						1			1	
	5175606	BRACKET (4.1540)						1			1	
	5101020	STRAP, HOSE (2.5255)				2						
	8927579	BOLT, 3/8"-16X7/8" (12.9001)			1		1					
	5101377	BOLT, 3/8"-16X1.00" (5.2020)						2				
	181360	BOLT, 3/8"-24X3/4" (12.9001)						1			1	
	103341	WASHER, 3/8" (12.9190)						1			1	
	103321	LOCKWASHER, 3/8" (12.9200)			1		1	3			1	
	8925720	BUSHING, 1/2"X1/4" RED. (12.9570)				1						
	103026	NUT, 3/8"-24 (12.9120)						1			1	

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART		TYPES																		
FIG	NUMBER	NAME AND DESCRIPTION	8 4 9	8 5 0	9 0 7	9 0 8	9 3 6	9 5 9	9 9 1	9 9 8	1 0 2 7									
	3.5505 - TUBE, TURBOCHARGER OIL RETURN																			
	8920654	TUBE ASSY.	1																	
	8924840	TUBE ASSY.		1																
	8926789	TUBE ASSY.			1															
	5104098	TUBE ASSY.		1	1		1			1										
	8926788	TUBE ASSY.					1													
	5107001	TUBE ASSY. (LB)					1													
	5107003	TUBE ASSY. (RB)					1													
	8928637	TUBE ASSY.								1										
	8923873	HOSE ASSY., #16X25" L.	1																	
	8923750	HOSE, #16X10.5" L.			1		1													
	5169721	+ HOSE, 7/8" I.D.X24" L. (CUT L. 2 1/2" L.) (4.8010)				2														
	8924842	HOSE, #16X33.0" L.		1																
	8927534	HOSE, #16X5.0" L.								1										
	5131575	HOSE ASSY., #6X39.25" L. (7.8300)								1										
	5138977	GASKET	1	1	1	2	1													
	5116391	GASKET (1.5060)				1														
	5170468	GASKET								1										
	5107024	ADAPTOR (3.5503)				1														
	8924208	ADAPTOR, STRAIGHT 1" (9.1720)	1																	
	5144702	CONNECTOR, 3/4" (5.2165)				2														
	8924171	CONNECTOR, INV. FLD 3/8" TUBE (12.9460)									1	1								
	8924161	ELBOW, 45 DEG. 3/8" TUBE (12.9480)								1	1	1								
	5137871	ELBOW, 90 DEG. SWIVEL 1"	1																	
	8927581	BOLT, 3/8"-16X1" (12.9001)	2	2	2	4	2			2										
	179824	BOLT, 5/16"-18X1 3/4" (12.9001)				2	2													
	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2	4	2			2										
	103320	LOCKWASHER, 5/16" (12.9200)				2														
		+ BULK HOSE, CUT TO LENGTH SHOWN.																		
	3.5507 - CLIP, TURBOCHARGER OIL RETURN TUBE																			
	5147753	CLIP, #16 LONG (12.8562)	1	1			1													
	5174091	CLIP, 7/8" TUBE (4.8040)			2															
	5186840	CLAMP, 1 1/8" (12.9660)		2	2	4	2			2										
	5173022	BRACKET, CLIP (5.5379)					1													
	8927580	BOLT, 3/8"-16X1.015" (12.9001)					2													
	8927581	BOLT, 3/8"-16X1" (12.9001)		1																
	103341	WASHER, 3/8" (12.9190)					2													
	103321	LOCKWASHER, 3/8" (12.9200)					2													
	102635	NUT, 3/8"-16 (12.9120)					1													
	3.5535 - INSULATION BLANKET, TURBOCHARGER																			
	8923926	BLANKET				2														
	8923927	BLANKET (LB)				1														
	8923928	BLANKET (RB)				1														
	8923871	BLANKET						1												
	8928755	BLANKET (HSG)							1											
	8928754	BLANKET (TEE)								1										
	8928756	BLANKET (LB)								1										
	8928757	BLANKET (RB)								1										
	23500441	BLANKET (TURBO)									1									
	23500437	BLANKET (TEE)										1								
	23500439	BLANKET (LB)										1								
	23500440	BLANKET (RB)										1								

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
3.5001 - TURBOCHARGER																
10A	5138565	TURBOCHARGER ASSY., 4-53(TEO-675)	1													
10A	5138740	TURBOCHARGER ASSY., 4-53(TEO-675)		1												
	5141322	* TURBOCHARGER ASSY., 8V53(T-1910)			1											
	5132530	TURBOCHARGER ASSY., 6V53(T-1900)				1										
	5145126	TURBOCHARGER ASSY., 8V53(T-19A40)					1									
5B	5143099	TURBOCHARGER ASSY., 6V53(T-19A40)						1								
	5101431	TURBOCHARGER ASSY. (TV-8104)							1							
5B	5106635	* TURBOCHARGER ASSY., 4-53 (T04B98)								1						
5B	5104082	TURBOCHARGER ASSY., 6V53 (TV61)									1					
5B	5104803	* TURBOCHARGER ASSY., 4-53										1				
5B	5107067	TURBOCHARGER ASSY., 3-53 (T04B08)											1			
5B	5107431	TURBOCHARGER ASSY., 6V53												1		
5B	8922614	TURBOCHARGER ASSY., 3-53 (TB4110)													1	
5B	5101508	TURBOCHARGER ASSY., 6V53 (TV8101)														1
		* NOT SERVICED, SHOWN FOR COMPONENT REFERENCE ONLY.														
3.5003 - HOUSING, TURBOCHARGER TURBINE																
5A	5198934	HOUSING, 4-53	1	1												
	5199037	HOUSING, 8V53			1											
5A	5198254	HOUSING, 6V53				1										
	5199503	HOUSING, 8V53					1									
	5199057	HOUSING, 6V53						1								
	5149168	HOUSING							1							
5B	5149552	HOUSING, 4-53								1				1	1	
5B	8921425	HOUSING									1					
	5149494	HOUSING, 4-53										1				
	5149627	HOUSING, 3-53											1			
	5149170	HOUSING, 6V53														1
5A	5198935	LOCKSTRIP	3	3												
	5198255	LOCKSTRIP			3	3										
	585726	PLATE, LOCK			4	4	4	4								
5B	5149553	PLATE, LOCK								3			3	3	3	
	5149473	PLATE, LOCK										2				
5A	5198933	CLAMP	3	3												
5B	5149554	CLAMP								3			3	3	3	
	5199494	SPACER, LOCKPLATE			4	4	4	4								
5B	173639	SCREW, .073"x1/4" (12.9067)									2					
	8921753	SCREW, 5/16"-18X.828" (12.9027)										4				
	5198996	BOLT, 5/16"-18X1/2"			8		8	8								
	179816	BOLT, 5/16"-18X3/4" (12.9001)				4										
5A	8927578	BOLT, 3/8"-16X3/4" (12.9001)	6	6												
5B	5149555	BOLT, 5/16"-18X1/2"									6		6	6	6	
5B	9419007	BOLT, 1/4"-20X1 1/8"										4				
	9419006	BOLT, 1/4"-20X1" (12.9001)														
	585713	NUT, 1/4"-28 LOCK (3.5022)							4							
	103320	LOCKWASHER, 5/16" (12.9200)				4			1							
3.5018 - HOUSING ASSY., TURBOCHARGER INTERMEDIATE																
A HOUSING ASSY. INCLUDES ITEMS IN 3.5018 AND 3.5027 THRU 3.5036.																
	5198927	HOUSING, 4-53 (INCLUDES PINS)	1	1												
	5198245	HOUSING ASSY., 6, 8V53 (INCLUDES PINS)			1	1										
	5199024	HOUSING, 6, 8V53 (INCLUDES PIN)					1	1								
	5199020	HOUSING ASSY., 6, 8V53					1	1								
	5149165	HOUSING ASSY.							1							
	5149535	HOUSING ASSY., 4-53								1						

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

COLUMN

FIG	PART NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		3.5018 - HOUSING ASSY., TURBOCHARGER INTERMEDIATE (CONT'D)														
5B	8921419	HOUSING ASSY., 6V53T									1					
5B	5149471	HOUSING ASSY., 4-53 (INCLUDES PINS)										1				
5B	5149628	HOUSING ASSY., 3-53											1		1	
5B	8920899	HOUSING ASSY., 6V53												1		
	5199606	HOUSING (INCLUDES PINS)							1							
5B	5149169	HOUSING ASSY., 6V53														1
	5149153	HOUSING (INCLUDES PINS)									1					1
5B	5149536	HOUSING, 4-53								1			1	1	1	
5A	5198929	SHROUD, WHEEL 4-53	1	1							1					
	5199055	SHROUD, WHEEL 6,8V53					1	1								
	5149167	SHROUD, WHEEL							1							1
5B	5149546	SHROUD, WHEEL								1			1	1	1	
5A	5198939	PLATE, THRUST	1	1												
	5199492	PLATE, WARNING					1	1								
5B	5149356	PLATE, LOCK	6	6						2			2	2	2	
	5149481	@ PLATE, NAME										1				
	5198249	BACK PLATE, ROTOR			1	1										
	5199491	+ BACK PLATE ASSY., ROTOR					1	1								
	5199607	BACK PLATE ASSY., ROTOR							1							1
5B	5149542	BACK PLATE ASSY., ROTOR								1			1	1	1	
5B	8921423	CLAMP, INDEXING (3.5022)									1					
5B	8921421	BACK PLATE ASSY., ROTOR									1					
5B	8921759	BACK PLATE, TURBO										1				
5A	5198936	RING, SEAL (NOT PART OF HOUSING ASSY.)	1	1					1	1	1		1	1	1	1
	5198248	RING, SEAL (BACK PLATE TO HOUSING)			1	1										
5B	8921755	O RING										1				
	5149467	GASKET										1				
	5198247	LOCKSTRIP			4	4										
	5199502	LOCKSTRIP					4	4								
	5149158	LOCK TAB							4	2	4	2	2	2	2	4
5B	5199620	PIN, .101" DIA. X .250" L. GROOVE	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	173639	SCREW, 1/4" DRIVE (12.9067)					4	4	2							2
	5199493	SCREW, #4-40X.19" DRIVE					3	3								
	5149199	SCREW, SELF-TAPPED										1				
	8921754	SCREW AND LOCKWASHER ASSY. (3.5022)										6				
	8921748	CLAMP, PLATE (3.5022)										3				
	9419006	BOLT, 1/4"-20X1" (12.9001)														4
5A	186676	BOLT, 1/4"-20X5/8" (12.9001)	4	4						4			4	4	4	
	186629	BOLT, 5/16"-18X1" (12.9001)					4	4								
	5199852	BEARING			1	1	1	1			1					1
		+ INCLUDES BEARING AND DRIVE SCREW. (NOT SOLD SEPARATELY)														
		@ OBSOLETE.														
		3.5022 - HOUSING, TURBOCHARGER COMPRESSOR														
5A	5198932	HOUSING, 4-53	1	1												
	5199058	HOUSING, 8V53			1											
5A	5198251	@ HOUSING, 6V53				1										
5A	5198826	* HOUSING, 6V53				1										
	5199429	HOUSING, 6.8V53					1	1								
	5199611	HOUSING							1							1
5B	5149549	HOUSING, 4-53								1						
5B	8921422	HOUSING, 6V53									1					
5B	5149626	HOUSING, 3-53										1			1	
	5149488	COVER, 4-53											1			
5A	5198937	CLAMP, INDEXING (3.5020)	1	1												
	5198833	CLAMP, SECTIONING			1	1										
5A	5199424	CLAMP, INDEXING			4		1	1								

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	3.5022	HOUSING, TURBOCHARGER COMPRESSOR (CONT'D)														
	5149160	CLAMP, INDEXING							1							1
5B	5149162	CLAMP, INDEXING							1		1					1
5B	5149551	CLAMP								3			3	3	3	
5B	5149476	CLAMP PLATE										2				
5B	5149550	PLATE LOCK								3			3	3	3	
	5198257	RING, 2.50" I.D.			1	1	1	1								
	5198258	RING			1											
	443230	PIN, 1/8" (12.9270)				4										
5B	585713	LOCKNUT, 1/4-28									1					1
5B	5149163	NUT, 1/4"-28 LOCK							1		1					1
5B	179812	BOLT, 5/16"-18X1/2" (12.9001)				8				6			6	6	6	
		@ THRU TURBO SERIAL NUMBER 132, NOT SERVICED, REPLACE WITH 5198826 HOUSING AND INCLUDE 1-5198526 WHEEL.														
		* EFFECTIVE WITH SERIAL NUMBER 133.														
	3.5027	BEARING, ROTOR ASSY. SHAFT														
5A	5198930	BEARING, THRUST (INBOARD) (3.5037)	1	1												
	5149460	BEARING KIT (TURBO)	2	1	1	2	1	1	1		1					1
	5199852	BEARING (3.5018)							1							
5B	5149543	BEARING, THRUST (3.5018)								1			1	1	1	
5B	5149540	BEARING (3.5018)								2			2	2	2	
5B	8921765	BEARING										1				
	8921761	BEARING, THRUST (3.5035)										1				
5A,B	5198988	SPACER	2	2	2		2	2	2		2		2			2
5A,B	5198049	RING, SNAP	3	3	3	3	3	3	3		3					3
5B	5149545	RING, RETAINING (3.5018)								4			4	4	4	
	3.5028	SEAL, ROTOR ASSY. SHAFT OIL														
5A	5198938	RING, SEAL (PISTON TYPE)	1	1												
5B	5197583	RING, SEAL (PISTON RING TYPE)	1	2	1	2	2	2	2		2					2
5B	5149154	RING, SEAL (PISTON RING TYPE)							1		1					1
5B	5149537	RING, SEAL (PISTON RING TYPE)								1			1	1	1	
5B	5149538	RING, SEAL (PISTON RING TYPE) (3.5036)								1			1	1	1	
5B	8921747	RING, SEAL										1				
5B	8921757	RING, SEAL										1				
	3.5029	DEFLECTOR, ROTOR ASSY. SHAFT OIL														
	8921758	DEFLECTOR										1				
	3.5030	ROTOR ASSY., TURBOCHARGER														
	5198829	ROTOR ASSY.			1	1										
	3.5033	SHAFT ASSY., TURBOCHARGER ROTOR														
5A	5198923	* SHAFT ASSY., 4-53	1	1												
	5197326	@ * SHAFT ASSY., 6.8V53			1	1										
	5199021	* SHAFT ASSY., 6.8V53					1	1								
	5199608	SHAFT ASSY.							1							1
5B	5149539	SHAFT ASSY., 3-53								1			1	1	1	
5B	8920956	SHAFT ASSY., 6V53T									1					
	5149485	SHAFT ASSY., 4-53										1				

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART			COLUMN													
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		3.5033 - SHAFT ASSY., TURBOCHARGER ROTOR (CONT'D)														
		* INCLUDES INTEGRAL TURBINE WHEEL (NOT SOLD SEPARATELY).														
		@ OBSOLETE.														
		3.5034 - COLLAR, TURBOCHARGER ROTOR THRUST														
5A	5198924	COLLAR	1	1												
5B	5197325	COLLAR			1	1	1	1	1		1					1
5B	5149547	COLLAR								1			1	1	1	
5B	5149479	SLEEVE, THRUST										1				
	8921756	RING, SNAP										1				
	8921763	INSERT										1				
		3.5035 - SPACER, TURBOCHARGER ROTOR THRUST														
5A	5198925	SPACER	1	1												
	5197328	SPACER			1	1										
5B	5199622	SPACER					1	1	1		1					1
		3.5036 - WHEEL, TURBOCHARGER COMPRESSOR														
5A	5198926	WHEEL, 4-53	1	1												
5B	5149541	WHEEL, 4-53								1						
	5198527	WHEEL, 6,8V53			1	1										
5A	5197324	# WHEEL, 6V53				1										
5A	5198526	@ WHEEL, 6V53				1										
	5199023	WHEEL, 6,8V53					1	1								
	5149166	WHEEL							1							1
5B	5149487	WHEEL, 4-53										1				
5B	5149629	WHEEL, 3-53											1		1	
5B	8921420	WHEEL, 6V53T									1					
5B	8920901	WHEEL, 6V53												1		
5A	5199557	NUT, 5/16"-24 LOCK	1	1							1					
5A	5198579	NUT, 3/8"-24 LOCK			1	1	1	1	1							1
5B	5149548	NUT, 1/4"-28								1			1	1	1	
5B	8921752	NUT, 5/16"-24										1				
		# THRU TURBO SERIAL NUMBER 132; NOT SERVICED, USE 5198619 KIT (3.5036).														
		@ EFFECTIVE WITH SERIAL NUMBER 133.														

3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART			COLUMN						
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G
3.5001 - TURBOCHARGER									
	8924252	TURBOCHARGER ASSY., 6V53 TV7301 1.08 A/R	1						
	8925133	* TURBOCHARGER ASSY., 3-53 TO4B08		1					
	8925134	* TURBOCHARGER ASSY., 4-53 TO4B98			1				
	8926100	* TURBOCHARGER ASSY., 3-53 TO4E02 .68 A/R				1			
	8926101	* TURBOCHARGER ASSY., 4-53 TO 4E03 .81 A/R					1		
	8926099	TURBOCHARGER ASSY., 6V53 TV6302 1.05 A/R						1	
	8927030	TURBOCHARGER ASSY., 6V53 TV7511 .96 A/R							1
	173639	SCREW, 1/4" DRIVE (12.9067) * COMPONENT PARTS OF ASSY. ARE NOT CURRENTLY AVAILABLE FOR SERVICE.	2					2	2
3.5003 - HOUSING, TURBOCHARGER TURBINE									
5B	8925754	HOUSING	1						
5B	23501566	HOUSING						1	
5B	23501283	HOUSING							1
5B	5149162	CLAMP, INDEXING V BAND	1					1	1
5B	5149163	LOCKNUT, 1/4"-28							1
3.5018 - HOUSING ASSY., TURBOCHARGER INTERMEDIATE									
A HOUSING ASSY. INCLUDES ITEMS IN 3.5018 AND 3.5027 THRU 3.5036.									
	8925741	HOUSING ASSY., 6V53	1						
	23501547	HOUSING ASSY., 6V53						1	
	23501286	HOUSING ASSY., 6V53							1
5B	8925742	HOUSING, 6V53	1					1	1
5B	5149173	SHROUD, WHEEL	1					1	1
5B	5198929	SHROUD, WHEEL						1	
	8925746	BACK PLATE	1						1
5B	23501549	BACK PLATE						1	
5B	5198936	RING, SEAL	1					1	1
	8925748	BEARING, OUTBOARD THRUST TURBO	1					1	1
	8925747	SCREW, DRIVE	3						
	23501548	SCREW, DRIVE						3	3
5B	8925750	BOLT, 1/4"-20X1"	4					4	4
3.5022 - HOUSING, TURBOCHARGER COMPRESSOR									
5B	8925753	HOUSING	1						
5B	23501565	HOUSING						1	
5B	23501514	HOUSING							1
5B	8920963	CLAMP, INDEXING V BAND	1					1	1
5B	8921423	CLAMP, INDEXING V BAND						1	
5B	5149163	LOCKNUT, 1/4"-28							1
3.5027 - BEARING, ROTOR ASSY. SHAFT									
5B	8925744	BEARING	2					2	2
5B	5198988	SPACER	2					2	2
5B	5198049	RING, SNAP	3					3	3

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3.5000A TURBOCHARGER, INTERCOOLER AND AFTERCOOLER

PART			COLUMN						
FIG	NUMBER	NAME AND DESCRIPTION	A	B	C	D	E	F	G
3.5028 - SEAL, ROTOR ASSY. SHAFT OIL									
	5149154	RING, SEAL (PISTON RING TYPE)	1					1	1
	5197583	RING, SEAL (PISTON RING TYPE)	2					2	2
3.5033 - SHAFT ASSY., TURBOCHARGER ROTOR									
5B	8925743	SHAFT ASSY.	1						1
5B	23501522	SHAFT ASSY.						1	