7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 419	421	428	435	441	451	465	477	481	482	487	488
		7.4597 - TUBE, OIL PRESSURE SWITCH RETURN (CONT'D)												
	5177490	NUT, 5/16" TUBE SEALASTIC (12.9445) ..... + OBSOLETE		2										
		7.4598 - SWITCH, ALARM SHUT-OFF (FUEL)												
	5100679	SWITCH (20# MAKE)				1					1			
	112877	BUSHING, 1/4"X1/8" RED. (IN FILTER) (12.9570)				1					1			
	120217	LOCKWASHER, #10 (12.9200)				2					2			
	120614	NUT, #10-32 (12.9120)				2					2			
		7.4611 - GOVERNOR, OVERSPEED TRIP												
		SEE ASSEMBLY BREAKDOWN PAGE A1.												
6B	5134505	GOVERNOR ASSY.			1							1		
6C	5131864	GOVERNOR ASSY.									1			
6C	5131862	GOVERNOR ASSY.												1
6B	140875	SCREW, #10-24X3/4" SET (12.9076)			1							1		
	186625	BOLT, 5/16"-18X7/8" (12.9001)												2
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)									2			
	103320	LOCKWASHER, 5/16" (12.9200)									2			2
		7.4635 - ADAPTOR, OVERSPEED TRIP GOVERNOR												
6B	5124967	ADAPTOR			1							1		
	5124823	ADAPTOR									1			
	5131946	ADAPTOR, DRIVE										1		1
	5124364	COVER (GOVERNOR MOUNTING)										1		1
	186625	BOLT, 5/16"-18X7/8" (12.9001)			2							2		
	179857	BOLT, 7/16"-14X7/8" (12.9001)										1		1
	122408	BOLT, 1/2"-13X1" (12.9001)										4		4
	5150568	WASHER, 7/16" COPPER (12.9190)										1		1
	103320	LOCKWASHER, 5/16" (12.9200)			2							2		
	103323	LOCKWASHER, 1/2" (12.9200)										4		4
		7.4644 - SEAL, OVERSPEED TRIP GOVERNOR MOUNTING OIL												
	5116391	GASKET (ADAPTOR TO FLYWHEEL HOUSING) (1.5050)			1						1			
	3222141	GASKET (GOVERNOR ADAPTOR) (5.3280)									1	1		1
	5104506	GASKET (COVER TO FLYWHEEL HOUSING) (1.5040)										1		1

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7.4000C SHUT-OFF OR ALARM SYSTEM

IG	PART NUMBER	NAME AND DESCRIPTION	TYPES 419	421	428	435	441	451	465	477	481	482	487	488
		7.4644 - SEAL, OVERSPEED TRIP GOVERNOR MOUNTING OIL (CONT'D)												
	5126622	RING, SEAL (GOVERNOR TO ADAPTOR) (1.2020)			1							1		
		7.4668 - TUBE, OVERSPEED GOVERNOR OIL SUPPLY												
	5131949	# TUBE ASSY. (DEV. L. 18.24")										1		
	5126180	TUBE ASSY. (DEV. L. 28.46")			1									
	442322	CONNECTOR, 5/16" INV. FL. TUBE X 1/8" PIPE (IN GOVERNOR) (12.9460)										1		
	3290459	CLIP (2.5220)			2									
	5159490	CLIP, 5/16" TUBE (7.4076)										1		
	225815	ELBOW, 5/16" INV. FL. TUBE X 1/8" P.T. 90 DEG. (IN BELLOWS) (12.9480)			1									
	179835	BOLT, 3/8"-16X5/8" (12.9001)										1		
	103321	LOCKWASHER, 3/8" (12.9200)										1		
		# NOT SERVICED; USE 5199575 BULK HOSE (CUT TO LENGTH) PLUS (1) 5199583 FITTING, (1) 5199579 FITTING AND (1) 2488022 CLIP.												
		7.4694 - TUBE, EXHAUST MANIFOLD WATER INLET												
	5124906	TUBE (DEV. L. 8.06") (TO ADAPTOR)		1										
	5126219	TUBE ASSY. (DEV. L. 11.12") (TO ADAPTOR)			1		1				1		1	
	5126126	TUBE ASSY. (DEV. L. 18")										1		
	5138298	ELBOW ASSY., 3/8" TUBE 90 DEG. SEALASTIC (12.9425)		1										
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. X 1/4" P.T. (12.9480)										1		
	442323	CONNECTOR, 3/8" INV. FL. TUBE X 1/4" PIPE (IN ADAPTOR) (12.9460)			1		1				1	1	1	
	5138305	CONNECTOR ASSY., 3/8" SEALASTIC (12.9425)		1										
	5179938	SEAL RING, 3/8" TUBE (12.9435)		2										
	444148	TEE, 1/4" PIPE (12.9616)		1										
	5104778	TEE, 1/4"X1/4"X5/8"			1		1				1		1	
	103647	DRAINCOCK, 1/4" (12.9510)		1	1		1				1		1	
	5179937	NUT, 3/8" TUBE SEALASTIC (12.9445)		2										
		7.4699 - TUBE, EXHAUST MANIFOLD WATER OUTLET												
	5124907	TUBE (DEV. L. 10.30") (TO THERMOSTAT HOUSING)		1										
	5125909	TUBE ASSY. (DEV. L. 11.30") (TO THERMOSTAT HOUSING)			1		1				1		1	

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 419	421	428	435	441	451	465	477	481	482	487	488
		7.4699 - TUBE, EXHAUST MANIFOLD WATER OUTLET (CONT'D)												
	5126127	TUBE ASSY. (DEV. L. 16.80")										1		
	442323	CONNECTOR, 3/8" INV. FL. TUBE X 1/4" PIPE (IN ADAPTOR) (12.9460)			1		1				1	1	1	
	9432267	CONNECTOR, 3/8" INV. FL. TUBE X 3/8" PIPE (IN THERMOSTAT HOUSING)(12.9460)			1		1				1	1	1	
	5138305	CONNECTOR ASSY., 3/8" TUBE SEALASTIC (12.9415)		2										
	5179938	SEAL RING, 3/8" TUBE SEALASTIC (12.9435)		2										
	116332	BUSHING, 3/8"X1/4" RED. (12.9570)		1										
	5179937	NUT, 3/8" TUBE SEALASTIC (12.9445)		2										
		7.4707 - RELAY, TIME DELAY												
	5146219	% RELAY ASSY. (7.2330)				1								
	132788	SCREW, #8-32X1 3/4" (12.9010)				2								
	446143	WASHER, #8 (12.9190)				2								
	121841	LOCKWASHER, #8 (12.9200)				2								
		% NOT SERVICED; FOR SERVICE USE 8921717 KIT.												
		7.4711 - PLATE, TIME DELAY RELAY MOUNTING												
	5182531	+ PLATE				1								
	5147454	BRACKET				1								
	5127699	BRACKET									1			
	186629	BOLT, 5/16"-18 X1" (12.9001)				2								
	5159714	WASHER (2.7290)				2								
	120380	LOCKWASHER, 1/4" (12.9200)				1								
	103320	LOCKWASHER, 5/16" (12.9200)				2								
	114492	NUT, 1/4"-28 (12.9120)				1								
	117049	NUT, 3/8"-24 (12.9120)				1								
		+ OBSOLETE.												
		7.4713 - INSULATOR, TIME DELAY RELAY MOUNTING												
	5182532	+ INSULATOR				1								
	132768	SCREW, #8-32X3/4" (12.9010)				4								
	121841	LOCKWASHER, #8 (12.9200)				4								
	120622	NUT, #8-32 (12.9120)				4								
		+ OBSOLETE.												

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 494	496	501	509	522	523	524	526	529	530	535	541	546
		7.4505 - SWITCH, WATER TEMPERATURE													
	5120976	VALVE ASSY. (200 DEG.)	1									1			
	5121518	VALVE ASSY. (223 DEG. - 227 DEG.)											1		
	5146080	SWITCH		1						1	1				
1B	5144496	SWITCH ASSY. (203 DEG.)			1									1	
	5109717	PLUNGER	1		1							1	1	1	
	5109719	SPRING	1		1							1	1	1	
	5163830	GASKET (7.4586)	1		1							1	1	1	
	103320	LOCKWASHER, 5/16" (12.9200)	2		2							2	2	2	
	114493	LOCKNUT, 5/16"-24 (2.7170)	2		2							2	2	2	
		7.4509 - ADAPTOR, WATER TEMPERATURE SWITCH													
3A	5109718	ADAPTOR ASSY.	1		1							1	1	1	
	5113655	STUD (5/16"-18-24X2.46") (IN EXHAUST MANIFOLD)	2		2							2	2	2	
	5121182	PLUG, 1/4" PIPE (2.4015)	1		1							1	1	1	
		7.4510 - GASKET, WATER TEMPERATURE SWITCH ADAPTOR													
	5113412	GASKET	1		1							1	1	1	
		7.4519 - SOLENOID, AIR SHUT-OFF													
	1118128	* SOLENOID (12V.)		1	1					1	1			1	
	1118191	* SOLENOID (24V-32V.)				1									
	5183261	RELAY (12V.)			1									1	
	5124916	SPACER (7.4538)			2									2	
	5125863	CLIP			1									1	
	180016	BOLT, 1/4"-20X1/2" (12.9001)			2									2	
	186676	BOLT, 1/4"-20X5/8" (12.9001)		4	AR	4				4	4			AR	
	186647	BOLT, 1/4"-20X1" (12.9001)			2									2	
	120392	WASHER, 1/4" (12.9190)			1					4				1	
	103319	LOCKWASHER, 1/4" (12.9200)		AR	AR	AR				AR	AR			AR	
	120375	NUT, 1/4"-20 (12.9120)		4	6	4				4	4			6	
	114492	LOCKNUT, 1/4"-28 (12.9120)			2									2	
		* NOT SERVICED BY DDA. PROCURE THRU AC DELCO.													
		7.4520 - SWITCH, SHUT DOWN SOLENOID													
	5141260	LEVER ASSY.								1					
	455532	PIN								1					
		7.4525 - WIRE, AIR SHUT-OFF CONTROL (RESET)													
	5146238	WIRE ASSY. (50" L.) (2.9422)										1			
	5126538	PLATE, INSTRUCTION										1			
	5141329	BRACKET								1					
	3290569	CLIP (7.8320)										1			
	186676	BOLT, 1/4"-20X5/8" (12.9001)								2					

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 494	496	501	509	522	523	524	526	529	530	535	541	546
		7.4525 - WIRE, AIR SHUT-OFF CONTROL (RESET) (CONT'D)													
	123298	BOLT, 1/4"-28X3/8" (12.9001)										1			
	103319	LOCKWASHER, 1/4" (12.9200)								2		1			
	110730	LOCKWASHER, 3/8" (12.9200)										1			
	121902	NUT, 1/4"-28 (12.9120)										1			
	124925	NUT, 3/8"-24 (12.9120)										1			
		7.4530 - BRACKET, AIR SHUT-OFF SOLENOID													
	5125839	BRACKET		1						1	1				
	5125862	BRACKET (SOLENOID)			1									1	
	5127699	BRACKET (RELAY) (7.4711)			1									1	
	5133566	BRACKET				1									
	454813	BOLT, 3/8"-16X7/8" (12.9001)			2									2	
	179846	BOLT, 3/8"-16X1 7/8" (12.9001)		2		2				2	2				
	103341	WASHER, 3/8" (12.9190)								2					
	103321	LOCKWASHER, 3/8" (12.9200)		2	2					2	2			2	
		7.4536 - LEVER, AIR SHUT-OFF													
	5128532	LEVER ASSY.	1												1
	273436	PIN, 1/8"X11/16" SPRING (12.9300)													1
	455734	PIN, 1/8"X3/4" SPRING (12.9300)	1												1
		7.4538 - ROD, AIR SHUT-OFF SOLENOID CONTROL													
	5172502	ROD, 1/4"-28 X 2 1/2" (2.9348)				1									
6A	5115836	LINK (BELLOWS TO LATCH)	1												1
	5125840	LINK		1							1				
	5133622	LINK				1									
	5142895	LINK								1					
	5124916	SPACER, 9/32" I.D. X .30"		1						1	1				
	5118445	SPACER, .255" I.D. X .18"				1									
	112526	PIN, 1/16"X3/8" COTTER (12.9250)		1		1				1	1				
	5124846	BOLT, 1/4"-28 X 1" (LINK TO LATCH) (3.3110)	1												1
	5115204	BOLT, 1/4"-28 X 1 1/4" (7.4519)		1		1				1	1				
	120380	LOCKWASHER, 1/4" (12.9200)	1	1		1				1	1				1
	114492	NUT, 1/4"-28 (12.9120)	1	3		5				3	3				1
		7.4550 - HOUSING, AIR SHUT-OFF CONTROL													
6A	5128276	HOUSING	1												1
	120380	LOCKWASHER, 1/4" (12.9200)	1												1
	186676	BOLT, 1/4"-20X5/8" (12.9001)	1												1

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 494	496	501	509	522	523	524	526	529	530	535	541	546
		7.4586 - SWITCH, OIL PRESSURE													
1A	5100722	SWITCH (10# BREAK)		1	1					1	1				
	5100720	SWITCH (27# BREAK)												1	
1A	5186528	BELLOWS ASSY.	1												1
	9409943	TEE, 1/8" PIPE (IN BELLOWS) (7.4586)		1									1		
	444285	NIPPLE, 1/8" PIPE (12.9560)			1									1	
	105412	ELBOW, 1/8" PIPE 90 DEG. (12.9480)			1									1	
	113175	PLUG, 1/8" PIPE (12.9550)											1		
	5145009	PLUG, 1/8" PIPE (12.9550)												1	
	132105	SCREW, #10-32X3/8" FIL. HD. (12.9025)	4												4
	120217	LOCKWASHER, #10 (12.9200)		2							2				
	271169	NUT (#10-32 WITH LOCKWASHER) (7.4519)	4												4
	120614	NUT, #10-32 (12.9120)		2							2				
		7.4596 - TUBE, OIL PRESSURE SWITCH													
	5135533	+ TUBE											1		
	5120483	TUBE (DEV. L. 17.26") (SUPPLY)	1												
	5125665	TUBE (DEV. L. 20.24") (SUPPLY)										1			
	5125030	+ TUBE (DEV. L. 32.24") (TO BELLOWS)	1												
	5126176	TUBE (DEV. L. 38.74") (TO BELLOWS)										1			
1A	5122900	ELBOW, RESTRICTED (IN BLOCK)										1			
	5157992	ELBOW (RESTRICTED) (IN BLOCK)											1		
	5177492	ELBOW, 5/16" TUBE 90 DEG. SEALASTIC (12.9425)	2												
	5179969	ELBOW, 3/8" PIPE 90 DEG. (12.9425)											1		
	5138304	CONNECTOR ASSY., 5/16" TUBE SEALASTIC (12.9415)	1										1		
	5179936	CONNECTOR, 3/8" TUBE SEALASTIC (12.9445)											1		
	5124886	NIPPLE (RESTRICTED) (IN BLOCK)	1										1		
	178996	TEE, 1/8" P.T. (12.9616)	1												
	5126395	TEE, 5/16" INV. FL. TUBE X 1/8" P.T. (IN BELLOWS)										1			
	9413261	TEE, 5/16" INV. FL. TUBE X 1/4" P.T. (IN VALVE) (12.9490)										1			
	5177493	SEAL RING, 5/16" (12.9435)	4										1		
	5179938	SEAL RING, 3/8" TUBE (12.9435)											2		
	112877	BUSHING, 1/4"X1/8" RED. PIPE (BRASS) (12.9570)	1										1		
	5159490	CLIP (7.4076)	1												
	3290459	CLIP, 5/16" TUBE (2.5220)	1									1			
	5177623	CLIP, 3/8" TUBE (AT FLYWHEEL HOUSING) (2.5120)										1			
	100014	BOLT, 5/16"-24X1" (12.9001)										1			
	103320	LOCKWASHER, 5/16" (12.9200)										1			

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 494	496	501	509	522	523	524	526	529	530	535	541	546
		7.4596 - TUBE, OIL PRESSURE SWITCH (CONT'D)													
	5177490	NUT, 5/16" TUBE SEALASTIC (12.9445)	4										1		
	114493	LOCKNUT, 5/16"-24 (2.7170)										1			
	5179937	NUT, 3/8" TUBE (12.9445)											2		
		+ OBSOLETE													
		7.4597 - TUBE, OIL PRESSURE SWITCH RETURN													
	5124909	TUBE (DEV. L. 15.32")	1												
	5125664	TUBE (DEV. L. 16")										1			
	5135534	TUBE											1		
	5138304	CONNECTOR ASSY., 5/16" TUBE SEALASTIC (12.9415)	2												
	9432266	CONNECTOR, 3/8" INV. FL. TUBE X 1/8" P.T. (IN BLOCK) (12.9460)										1			
	442323	CONNECTOR, 3/8" INV. FL. TUBE X 1/4" P.T. (IN ADAPTOR) (12.9460)										1			
	5177493	SEAL RING, 5/16" (12.9435)	2												
	112877	BUSHING, 1/4"X1/8" RED. PIPE (BRASS) (12.9570)	1												
	5177490	NUT, 5/16" TUBE SEALASTIC (12.9445)	2												
	5112241	CLAMP (2.5070)											2		
	110502	BOLT, #10-24X3/4" (12.9001)											1		
	120217	LOCKWASHER, #10 (12.9200)											1		
	110633	NUT, #10-24 (12.9120)											1		
		7.4598 - SWITCH, ALARM SHUT-OFF (FUEL)													
	5100679	SWITCH (20# MAKE)		1	2					1	1			2	
	120401	ELBOW, 1/8" STREET 90 DEG. (12.9590)		1						1					
	112877	BUSHING, 1/4"X1/8" RED. (IN FILTER) (12.9570)		1						1				1	
	5177752	TEE			1										
	120217	LOCKWASHER, #10 (12.9200)		2							2				
	120614	NUT, #10-32 (12.9120)		2							2				
		7.4611 - GOVERNOR, OVERSPEED TRIP													
		SEE ASSEMBLY BREAKDOWN PAGE A1.													
	5131866	GOVERNOR ASSY.			1				1						
6C	5131862	GOVERNOR ASSY.				1		1							
6C	5131864	GOVERNOR ASSY.					1								
6B	5134505	GOVERNOR ASSY.										1			
6B	140875	SCREW, #10-24X3/4" SET (12.9076)										1			
	186625	BOLT, 5/16"-18X7/8" (12.9001)				2		2							

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 4944	4946	5001	5009	5022	5023	5024	5026	5029	5030	5035	5041	5046
		7.4611 - GOVERNOR, OVERSPEED TRIP (CONT'D)													
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)			2		2		2						
	103320	LOCKWASHER, 5/16" (12.9200)			2	2	2	2	2						
		7.4635 - ADAPTOR, OVERSPEED TRIP GOVERNOR													
	5124823	ADAPTOR			1		1		1						
	5131946	ADAPTOR, DRIVE				1		1							
B	5124967	ADAPTOR										1			
	5124364	COVER (GOVERNOR MOUNTING)				1		1							
	186625	BOLT, 5/16"-18X7/8" (12.9001)										2			
	179857	BOLT, 7/16"-14X7/8" (12.9001)				1		1							
	122408	BOLT, 1/2"-13X1" (12.9001)				4		4							
	5150568	WASHER, 7/16" COPPER (12.9190)				1		1							
	103320	LOCKWASHER, 5/16" (12.9200)										2			
	103323	LOCKWASHER, 1/2" (12.9200)				4		4							
		7.4644 - SEAL, OVERSPEED TRIP GOVERNOR MOUNTING OIL													
	5116391	GASKET (ADAPTOR TO FLYWHEEL HOUSING) (1.5050)			1		1		1						
	3222141	GASKET (GOVERNOR TO ADAPTOR) (5.3280)			1	1	1	1	1						
	5104506	GASKET (COVER TO FLYWHEEL HOUSING) (1.5040)				1		1							
B	5126622	RING, SEAL (GOVERNOR TO ADAPTOR) (1.2020)										1			
		7.4668 - TUBE, OVERSPEED GOVERNOR OIL SUPPLY													
	5126180	TUBE ASSY. (DEV. L. 28.46")										1			
	442322	CONNECTOR, 5/16" INV. FL. TUBE X 1/8" P.T. (IN GOVERNOR) (12.9460)										1			
	3290459	CLIP (5/16" TUBE) (2.5220)										2			
		7.4694 - TUBE, EXHAUST MANIFOLD WATER INLET													
	5124906	TUBE (DEV. L. 8.06") (TO ADAPTOR)	1												
	5126219	TUBE (DEV. L. 11.12") (TO ADAPTOR)			1									1	
	5126182	TUBE (DEV. L. 15.86") (TO ADAPTOR)										1			
	5135535	+ TUBE (DEV. L. 12.40")											1		
	5138298	ELBOW ASSY., 3/8" TUBE 90 DEG. SEALASTIC (12.9425)	2										2		
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. X 1/4" P.T. (12.9480)										1			

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 494	496	501	509	522	523	524	526	529	530	535	541	546
		7.4694 - TUBE, EXHAUST MANIFOLD WATER INLET (CONT'D)													
	5138305	CONNECTOR ASSY., 3/8" TUBE SEALASTIC (12.9425)	1												
	442323	CONNECTOR, 3/8" INV. FL. TUBE X 1/4" P.T. (IN ADAPTOR) (12.9460)			1							1		1	
	5179938	SEAL RING, 3/8" SEALASTIC (12.9435)	2										2		
	444148	TEE, 1/4" PIPE (12.9618)	1												
	5104778	TEE, 1/4"X1/4"X5/8"			1									1	
	103647	DRAINCOCK, 1/4" (12.9510)	1		1									1	
	5179937	NUT, 3/8" TUBE SEALASTIC (12.9445)	2										2		
		+ OBSOLETE.													
		7.4699 - TUBE, EXHAUST MANIFOLD WATER OUTLET													
	5124907	TUBE (DEV. L. 10.30") (TO THERMOSTAT HOUSING)	1												
	5125909	TUBE (DEV. L. 11.30") (TO THERMOSTAT HOUSING)			1									1	
	5126178	TUBE (DEV. L. 14.16") (TO THERMOSTAT HOUSING)										1			
	5137113	TUBE											1		
	5138305	CONNECTOR, 3/8" TUBE SEALASTIC (12.9415)	2										1		
	442323	CONNECTOR, 3/8" INV. FL. TUBE X 1/4" P.T. (IN ADAPTOR) (12.9460)			1							1		1	
	9432267	CONNECTOR, 3/8" INV. FL. TUBE X 3/8" P.T. (IN THERMOSTAT HOUSING)(12.9460)			1							1		1	
	5179938	SEAL RING, 3/8" TUBE SEALASTIC (12.9435)	2										2		
	5138298	ELBOW, 3/8" TUBE 90 DEG. SEALASTIC (12.9425)											1		
	116332	BUSHING, 3/8"X1/4" RED. (12.9570)	1										1		
	5179937	NUT, 3/8" TUBE SEALASTIC (12.9445)	2										2		
		7.4707 - RELAY, TIME DELAY													
	5146219	+ RELAY ASSY.		1	1					1	1			1	
	132788	SCREW, #8-32X1 3/4" FIL. HD. (12.9010)		2						2	2				
	446143	WASHER, #8 (12.9190)		2						2	2				
	121841	LOCKWASHER, #8 (12.9200)		2						2	2				
		+ NOT SERVICED, FOR SERVICE USE 8921717 KIT.													
		7.4711 - PLATE, TIME DELAY RELAY MOUNTING													
	5182531	+ PLATE		1							1				
	5147454	BRACKET		1						1					
	3292558	SPACER, 5/8" I.D. X 11/32" O.D. X 1/2" L.								2					

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 494	496	501	509	522	523	524	526	529	530	535	541	546
		7.4711 - PLATE, TIME DELAY RELAY MOUNTING (CONT'D)													
	100001	BOLT, 1/4"-28X3/4" (12.9001)		1											
	179822	BOLT, 5/16"-18X1 1/2" (12.9001)								2					
	181360	BOLT, 3/8"-24X3/4" (12.9001)		1											
	103319	LOCKWASHER, 1/4" (12.9200)		1											
	103320	LOCKWASHER, 5/16" (12.9200)								2					
	103321	LOCKWASHER, 3/8" (12.9200)		1											
	121902	NUT, 1/4"-28 (12.9120)		1											
	117049	NUT, 3/8"-24 (12.9120)		1											
		+ OBSOLETE.													
		7.4713 - INSULATOR, TIME DELAY RELAY MOUNTING													
	5182532	+ INSULATOR		1							1				
	132768	SCREW, #8-32X3/4" FIL. HD. (12.9010)		4							4				
	121841	LOCKWASHER, #8 (12.9200)		4							4				
	120622	NUT, #8-32 (12.9120)		4							4				
		+ OBSOLETE.													

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 548	549	553	558	567	568	577	583	588	614	618	635	649
		7.4505 - SWITCH, WATER TEMPERATURE													
	5120976	VALVE ASSY. (200 DEG.)	1				1								
	5121518	VALVE ASSY. (223 DEG. - 227 DEG.)								1					
	5146080	SWITCH				1				1	1				
4B	5144496	SWITCH ASSY. (203 DEG.)			1										
	5109717	PLUNGER	1		1		1					1			
	5109719	SPRING	1		1		1					1			
	5163830	GASKET (7.4586)	1		1		1					1			
	103320	LOCKWASHER, 5/16" (12.9200)	2		2		2					2			
	114493	LOCKNUT, 5/16"-24 (2.7170)	2		2		2					2			
		7.4509 - ADAPTOR, WATER TEMPERATURE SWITCH													
6A	5109718	ADAPTOR ASSY.	1		1		1					1			
	5113655	STUD (5/16"-18-24X2.46") (IN EXHAUST MANIFOLD)	2		2		2					2			
	5121182	PLUG, 1/4" PIPE (2.4015)	1		1		1					1			
		7.4510 - GASKET, WATER TEMPERATURE SWITCH ADAPTOR													
	5113412	GASKET	1		1		1					1			
		7.4513 - BELL, ALARM SYSTEM													
	8921360	BELL						1							
		7.4514 - RELAY, ALARM BELL													
	5177779	RELAY						1							
		7.4519 - SOLENOID, AIR SHUT-OFF													
	1118128	* SOLENOID (12V.)			1	1				1					
	1118191	* SOLENOID (24V-32V.)									1		1		
	5183261	RELAY (12V.)			1										
	5124916	SPACER (7.4538)			2										
	5125863	CLIP			1								1		
	180016	BOLT, 1/4"-20X1/2" (12.9001)			2										
	117461	BOLT, 1/4"-20 X 9/16" (12.9001)									4				
	186676	BOLT, 1/4"-20X5/8" (12.9001)			AR					4			AR		
	186647	BOLT, 1/4"-20X1" (12.9001)			2										
	179795	BOLT, 1/4"-20X5/8" (12.9001)				4									
	120392	WASHER, 1/4" (12.9190)			1	4					4				
	103319	LOCKWASHER, 1/4" (12.9200)			AR	AR				AR			AR		
	120380	LOCKWASHER, 1/4" (12.9200)									4				
	120375	NUT, 1/4"-20 (12.9120)			6	4				4			4		
	114492	NUT, 1/4"-28 (12.9120)			2								2		
		* NOT SERVICED BY DDA. PROCURE THRU AC DELCO.													

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 548	549	553	558	567	568	577	583	588	614	618	635	649
		7.4525 - WIRE, AIR SHUT-OFF CONTROL (RESET)													
	5146238	WIRE ASSY. (50" L.) (2.9422)	1												
	5126538	PLATE, INSTRUCTION	1												
	5125878	SPRING (3.3070)	1												
	3290569	CLIP (7.8320)	1												
	123298	BOLT, 1/4"-28X3/8" (12.9001)	1												
	103319	LOCKWASHER, 1/4" (12.9200)	1												
	110730	LOCKWASHER, 3/8" (12.9200)	1												
	121902	NUT, 1/4"-28 (12.9120)	1												
	124925	NUT, 3/8"-24 (12.9120)	1												
		7.4530 - BRACKET, AIR SHUT-OFF SOLENOID													
	5125862	BRACKET (SOLENOID)			1								1		
	5127699	BRACKET (RELAY) (7.4711)			1										
	5121913	BRACKET									1				
	454813	BOLT, 3/8"-16X7/8" (12.9001)			2								2		
	103321	LOCKWASHER, 3/8" (12.9200)			2								2		
		7.4538 - ROD, AIR SHUT-OFF SOLENOID CONTROL													
	5125840	LINK				1				1					
	5124916	SPACER (9/32"I.D.X.30")				1				1					
	112526	PIN, 1/16"X3/8" COTTER (12.9250)				1				1					
	103361	PIN, 1/16" X 1/2" COTTER (12.9250)									1				
	5176810	PIN, 1/4" X 1 1/4" CLEVIS (2.9410)									1				
	5115204	BOLT (1/4"-28X1 1/4") (7.4519)				1				1					
	120380	LOCKWASHER, 1/4" (12.9200)				1				1					
	120392	LOCKWASHER, 1/4" (12.9200)									1				
	114492	NUT, 1/4"-28 (12.9120)				3				3	2				
		7.4545 - HARNESS, AIR SHUT-OFF WIRING													
	5126038	WIRE ASSY. (7.1630)				1									
	5104897	WIRE ASSY.				1									
	5135856	HARNESS ASSY.				1									
	5171509	CLIP, 5/8" (9.1591)				3									
	179835	BOLT, 3/8"-16X5/8" (12.9001)				1									
	103321	LOCKWASHER, 3/8" (12.9200)				1									
		7.4586 - SWITCH, OIL PRESSURE													
A	5100722	SWITCH (10# BREAK)			1	1				1					
	444285	NIPPLE, 1/8" PIPE (12.9560)			1										
	105412	ELBOW, 1/8" PIPE 90 DEG. (12.9480)			1										

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 548	549	553	558	567	568	577	583	588	614	618	635	649
		7.4586 - SWITCH, OIL PRESSURE (CONT'D)													
	5145009	PLUG, 1/8" PIPE (12.9550)			1										
	120217	LOCKWASHER, #10 (12.9200)				2				2					
	120614	NUT, #10-32 (12.9120)				2				2					
		7.4596 - TUBE, OIL PRESSURE SWITCH													
	5125613	TUBE	1												
	5139150	# TUBE										1			
	5136250	@ TUBE, DEV. L. 7.82"	1												
	5136178	TUBE, DEV. L. 14.60"	1												
6A	5122900	ELBOW, RESTRICTED (IN BLOCK)	1												
	5157992	ELBOW (RESTRICTED) (IN BLOCK)										1			
	225815	ELBOW, 5/16" TUBE 90 DEG. SEALASTIC (12.9480)	1									1			
	9413261	TEE, 5/16" INV. FL. TUBE X 1/4" P.T. (IN VALVE) (12.9490)	1									1			
	3290459	CLIP, 5/16" TUBE (2.5220)	2												
	5187568	CLIP, 5/16" TUBE (4.3045)										1			
		# NOT SERVICED; USE 5199575 BULK HOSE (CUT TO SIZE), PLUS (1) 5199583, (1) 5199592 FITTINGS, AND (1) 2488022 CLIP.													
		@ OBSOLETE.													
		7.4597 - TUBE, OIL PRESSURE SWITCH RETURN													
	5136252	TUBE	1												
	5136251	% TUBE (DEV. L. 6.32")	1												
	5136254	% TUBE (DEV. L. 6.56")	1												
	5139152	* TUBE (DEV. L. 11.52")										1			
	9432266	CONNECTOR, 3/8" INV. FL. TUBE X 1/8" P.T. (IN BLOCK) (12.9460)	1												
	442323	CONNECTOR, 3/8" INV. FL. TUBE X 1/4" P.T. (IN ADAPTOR) (12.9460)										1			
	143338	ELBOW, 3/8" INV. FL. TUBE 45 DEG. X 1/4" PIPE (12.9480)	1												
	193004	ELBOW, 3/8" INV. FL. TUBE X 1/4" P.T. 90 DEG. (IN BLOCK) (12.9480)	1									1			
	178661	TEE, 3/8" INV. FL. TUBE X 5/8" P.T. (12.9496)	1												
		* NOT SERVICED; USE 5199575 BULK HOSE (CUT TO LENGTH) PLUS (1) 5199588, (1) 5199579 FITTINGS, AND (1) 2488022 CLIP.													
		% OBSOLETE.													
		7.4598 - SWITCH, ALARM SHUT-OFF (FUEL)													
	5100679	SWITCH (20# MAKE)			1	1				2					
	5100722	SWITCH (10# BREAK)									1				
	120401	ELBOW, 1/8" STREET 90 DEG. (12.9590)				1				1					

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 548	549	553	558	567	568	577	583	588	614	618	635	649
		7.4598 - SWITCH, ALARM SHUT-OFF (FUEL) (CONT'D)													
	112877	BUSHING, 1/4"X1/8" RED. (IN FILTER) (12.9570)			1	1				1	1				
	120217	LOCKWASHER, #10 (12.9200)				2				2					
	120614	NUT, #10-32 (12.9120)				2				2					
		7.4611 - GOVERNOR, OVERSPEED TRIP													
		SEE ASSEMBLY BREAKDOWN PAGE A1.													
	5131863	GOVERNOR ASSY.		1											
	5131861	GOVERNOR ASSY.						1							
	5134505	GOVERNOR ASSY.												1	
	5134506	GOVERNOR ASSY.													1
B	140875	SCREW, #10-24X3/4" SET (12.9076)												1	1
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)		2											
	103320	LOCKWASHER, 5/16" (12.9200)						2							
		7.4635 - ADAPTOR, OVERSPEED TRIP GOVERNOR													
	5124823	ADAPTOR		1											
	5131946	ADAPTOR, DRIVE						1							
B	5124967	ADAPTOR												1	1
	5124364	COVER (GOVERNOR MOUNTING)						1							
	186625	BOLT, 5/16"-18X7/8" (12.9001)						2							
	103320	LOCKWASHER, 5/16" (12.9200)						2							
		7.4644 - SEAL, OVERSPEED TRIP GOVERNOR MOUNTING OIL													
	5116391	GASKET (ADAPTOR TO FLYWHEEL HOUSING) (1.5050)		1											
	3222141	GASKET (GOVERNOR TO ADAPTOR) (5.3280)		1				1							
B	5126622	RING, SEAL (GOVERNOR TO ADAPTOR) (1.2020)												1	1
		7.4652 - VALVE, AUTOMATIC SHUT-DOWN AND ALARM SOLENOID													
	5183141	VALVE ASSY., SOLENOID 12V.	1												
	5109317	+ BOLT, #10-24 (12.9001)	1												
	120217	LOCKWASHER, #10 (12.9200)	2												
	110633	NUT, #10-24 (12.9120)	2												

+ OBSOLETE.

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 548	549	553	558	567	568	577	583	588	614	618	635	649
		7.4670 - BRACKET, SOLENOID VALVE MOUNTING													
	5133523	BRACKET	1												
	5157412	SPACER, 7/8"X1/4" (7.4013)	2												
	186679	BOLT, 3/8"-16X1 1/4" (12.9001)	2												
	103321	LOCKWASHER, 3/8" (12.9200)	2												
		7.4694 - TUBE, EXHAUST MANIFOLD WATER INLET													
	5126219	TUBE (DEV. L. 11.12") (TO ADAPTOR)			1										
	5136253	% TUBE (DEV. L. 13.44")	1												
	5126126	TUBE (DEV. L. 18.00")					1								
	5139151	+ TUBE (DEV. L. 24.40")										1			
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. X 1/4" P.T. (12.9480)	1				1					1			
	143338	ELBOW, 3/8" INV. FL. TUBE 45 DEG. X 1/4" PIPE (12.9480)	1									1			
	442323	CONNECTOR, 3/8" INV. FL. TUBE X 1/4" P.T. (IN ADAPTOR) (12.9460)			1		1								
	444148	TEE, 1/4" PIPE (12.9616)										1			
	5104778	TEE, 1/4X1/4X5/8"			1										
	103647	DRAINCOCK, 1/4" (12.9510)			1										
		+ NOT SERVICED; USE 5199575 BULK HOSE (CUT TO LENGTH) PLUS (1) 5199588, (1) 5199579 FITTING, AND (1) 2488022 CLIP.													
		% OBSOLETE.													
		7.4699 - TUBE, EXHAUST MANIFOLD WATER OUTLET													
	5125909	TUBE (DEV. L. 11.30") (TO THERMOSTAT HOUSING)			1										
	5125618	TUBE	1												
	5126127	TUBE					1								
	5139149	@ TUBE										1			
	442323	CONNECTOR, 3/8" INV. FL. TUBE X 1/4" P.T. (IN ADAPTOR) (12.9460)	1		1		1								
	9432267	CONNECTOR, 3/8" INV. FL. TUBE X 3/8" P.T. (IN THERMOSTAT HOUSING)(12.9460)	1		1		1								
	5138305	CONNECTOR ASSY., 3/8" TUBE SEALASTIC (12.9425)										1			
	5179938	SEAL RING, 3/8" TUBE SEALASTIC (12.9435)										2			
	5125447	ELBOW, 3/8" TUBE 45 DEG. SEALASTIC (12.9425)										1			
	144045	BUSHING, 1/2"X1/4" (12.9570)										1			
	5185432	CLAMP (2.5120)										4			
	110502	SCREW, #10-24X3/4" RD. HD. (12.9025)										4			
	120217	LOCKWASHER, #10 (12.9200)										4			

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 548	549	553	558	567	568	577	583	588	614	618	635	649
		7.4699 - TUBE, EXHAUST MANIFOLD WATER OUTLET (CONT'D)													
	110633	NUT, #10-24 (12.9120)										4			
	5179937	NUT, 3/8" TUBE SEALASTIC (12.9445)										2			
		@ NOT SERVICED; USE 5199575 BULK HOSE (CUT TO LENGTH) PLUS (1) 5199575, (1) 5199593 FITTING.													
		7.4707 - RELAY, TIME DELAY													
	5146219	# RELAY ASSY.			1	1				1					
	132788	SCREW, #8-32X1 3/4" FIL. HD. (12.9010)				2				2					
	446143	WASHER, #8 (12.9190)				2				2					
	121841	LOCKWASHER, #8 (12.9200)				2				2					
		# NOT SERVICED, FOR SERVICE USE 8921717 KIT.													
		7.4711 - PLATE, TIME DELAY RELAY MOUNTING													
	5182531	+ PLATE				1				1					
	5147454	BRACKET								1					
	5104903	BRACKET				1									
		+ OBSOLETE.													
		7.4713 - INSULATOR, TIME DELAY RELAY MOUNTING													
	5182532	+ INSULATOR				1				1					
	132768	SCREW, #8-32X3/4" FIL. HD. (12.9010)				4				4					
	121841	LOCKWASHER, #8 (12.9200)				4				4					
	120622	NUT, #8-32 (12.9120)				4				4					
		+ OBSOLETE.													

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 61	63	64	67	68	72	81	84	91	705	709	728	734
		7.4505 - SWITCH, WATER TEMPERATURE													
	5146080	SWITCH	1				1	1	1			1			
4B	5144496	SWITCH ASSY. (206 DEG.)		1											1
6B	5120976	VALVE ASSY. (200 DEG.)			1					1	1			1	
	5109717	PLUNGER		1	1					1	1			1	1
	5109719	SPRING		1	1					1	1			1	1
	5163830	GASKET (5.2180)		1	1					1	1			1	1
	103320	LOCKWASHER, 5/16" (12.9200)		2	2					2	2			2	2
	114493	LOCKNUT, 5/16"-24 (2.7170)		2	2					2	2			2	2
		7.4509 - ADAPTOR, WATER TEMPERATURE SWITCH													
6A	5109718	ADAPTOR ASSY.		1	1					1	1			1	1
	5113655	STUD, 5/16"-18-24 X 2.46" (IN EXHAUST MANIFOLD)		2	2					2	2			2	2
	5121182	PLUG, 1/4" PIPE (2.4015)		1	1					1	1			1	1
		7.4510 - GASKET, WATER TEMPERATURE SWITCH ADAPTOR													
	5113412	GASKET		1	1					1	1			1	1
		7.4513 - BELL, ALARM SYSTEM													
	8921360	BELL (12V)										1			
		7.4519 - SOLENOID, AIR SHUT-OFF													
	1118191	* SOLENOID (24V. - 32V.)	1				1	1							
	1118128	* SOLENOID (12V.)		1		1			1						1
	5124916	SPACER (7.4538)		2											
	5183261	RELAY (12V.)		1											
	5125863	CLIP		1											1
	180016	BOLT, 1/4"-20 X 1/2" (12.9001)		2											
	186679	BOLT, 1/4"-20 X 5/8" (12.9001)	4	2		4	4	4	4						2
	213546	BOLT, 1/4"-20 X 1" (12.9001)		2											2
	5115204	BOLT, 1/4"-28X1/4" (RELEASE LATCH)			1										
	120392	WASHER, 1/4" (12.9190)		1											
	120380	LOCKWASHER, 1/4" (12.9200)	4	AR	1	4	4	AR	AR						AR
	120375	NUT, 1/4"-20 (12.9120)	4	6		4	4	4	4						4
	114492	LOCKNUT, 1/4"-28 (12.9120)		2	1										2
		* NOT SERVICED BY DDA. PROCURE THRU AC DELCO.													
		7.4525 - WIRE, AIR SHUT-OFF CONTROL (RESET)													
	5146238	WIRE ASSY. (57" L.) (2.9422)			1					1					
	5126538	PLATE, INSTRUCTION			1					1				1	
	5125878	SPRING (3.3050)			1									1	
	3290569	CLIP (7.8320)			1									1	
	123298	BOLT, 1/4"-28 X 3/8" (12.9001)			1									1	

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 61	63	64	67	68	72	81	84	91	705	709	728	734
		7.4525 - WIRE, AIR SHUT-OFF CONTROL (RESET) (CONT'D)													
	120380	LOCKWASHER, 1/4" (12.9200)			1									1	
	110730	LOCKWASHER, 3/8" (12.9200)			1					1				1	
	121902	NUT, 1/4"-28 (12.9120)			1									1	
	124925	NUT, 3/8"-24 (12.9120)			1					1				1	
		7.4530 - BRACKET, AIR SHUT-OFF SOLENOID													
	5125839	BRACKET	1				1		1						
	5125862	BRACKET (SOLENOID)		1											1
	5139236	BRACKET				1									
	5133566	BRACKET						1							
	454813	BOLT, 3/8"-16 X 7/8" (12.9001)		2											2
	179846	BOLT, 3/8"-16 X 1 7/8" (12.9001)	2			2	2	2	2						
	103341	WASHER, 3/8" (12.9190)					2		4						
	103321	LOCKWASHER, 3/8" (12.9200)	2	2			2		4						2
		7.4538 - ROD, AIR SHUT-OFF SOLENOID CONTROL													
	5172502	ROD, 1/4"-28 X 2 1/2" (2.9348)						1							
	5142895	LINK	1			1	1		1						
6A	5115836	LINK (BELLOWS TO LATCH)			1										
	5133622	LINK						1							
	112526	PIN, 1/16" X 3/8" COTTER (12.9250)	1		1	1	1	1	1						
	5124916	SPACER, 9/32" I.D. X .30"	1			1	1		1						
	5118445	SPACER, 2.55" I.D. X .18" (7.4519)						1							
	5115204	BOLT, 1/4"-28 X 1 1/4" (7.4519)	1			1	1	1	1						
	120380	LOCKWASHER, 1/4" (12.9200)	1			1	1	1	1						
	114492	LOCKNUT, 1/4"-28 (12.9120)	3			3	3	3	3						
	120375	NUT, 1/4"-20 (12.9120)						2							
		7.4545 - HARNESS, AIR SHUT-OFF WIRING													
	5126038	WIRE ASSY. (7.1630)					1		1						
	5182572	WIRE ASSY.							1						
	5104897	WIRE ASSY.					1								
	5142127	+ WIRE ASSY.							1						
	5171509	CLIP, 5/8" (9.1591)					3		3						
	179835	BOLT, 3/8"-16 X 5/8" (12.9001)					1		1						
	103321	LOCKWASHER, 3/8" (12.9200)					1		1						
		+ OBSOLETE.													
		7.4550 - HOUSING, AIR SHUT-OFF CONTROL													
6A	5113159	HOUSING			1										
	186676	BOLT, 3/8"-20 X 5/8" (12.9001)			1										
	103319	LOCKWASHER, 1/4" (12.9200)			1										

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 661	663	664	667	668	672	681	684	691	705	709	728	734
		7.4553 - COVER, AIR SHUT-OFF CONTROL HOUSING													
	5113160	COVER			1										
	271169	NUT, #10-32 (WITH LOCKWASHER) (12.9120)			2										
		7.4586 - SWITCH, OIL PRESSURE													
	5100720	= SWITCH (27# BREAK)	1	1			1	1	1						
	1507589	SWITCH (27# BREAK)	1	1			1	1	1						
	5100723	+ SWITCH (20# BREAK)													1
	1508095	SWITCH (20# BREAK)													1
6A	5186528	BELLOWS ASSY.			1										
	444285	NIPPLE, 1/8" PIPE (12.9560)		1											1
	105412	ELBOW, 1/8" PIPE 90 DEG. (12.9480)		1											1
	5145009	PLUG, 1/8" PIPE (12.9550)		1											1
	132105	SCREW, #10-32 X 3/8" FIL. HD. (12.9025)			4										
	120217	LOCKWASHER, #10 (12.9200)	2				2	2	2						
	120614	NUT, #10-32 (12.9120)	2				2	2	2						
	271169	NUT, #10-32 (WITH LOCKWASHER) (12.9120)			4										
		= OPTIONAL TO 1507589.													
		+ OPTIONAL TO 1508095.													
		7.4596 - TUBE, OIL PRESSURE SWITCH													
	5133506	TUBE (DEV. L. 11.50")			1										
	5133507	TUBE (DEV. L. 12.68")			1										
	5125910	TUBE (DEV. L. 18.70") (TO TEMP. VALVE)								1					
	5126221	TUBE (DEV. L. 27.10") (TO BELLOWS)								1					
	5126176	TUBE (DEV. L. 38.74") (TO BELLOWS)			1						1				
	5143787	TUBE ASSY. (DEV. L. 10.64") (TO VALVE)												1	
	5143786	TUBE ASSY. (DEV. L. 10.64") (TO BELLOWS)												1	
	5133524	TUBE ASSY. (DEV. L. 11.00")			1										
	5125665	TUBE ASSY. (DEV. L. 20.24")									1				
6A	5122900	ELBOW, RESTRICTED (IN BLOCK)			1					1	1			1	
	225815	ELBOW, 5/16" TUBE 90 DEG. (12.9425)			1						1				
	193004	ELBOW, 3/8"-90 DEG. (12.9480)			1										
	3290459	CLIP, 5/16" TUBE (2.5220)			1					2	1				
	5177623	CLIP, 3/8" TUBE (2.5120)			1						1				
	9413261	TEE, 5/16" INV. FL. TUBE (12.9490)			2					1	1				
	442347	TEE, 5/16" INV. FL. TUBE (12.9490)								1				1	
	442322	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)												1	

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 611	663	664	667	668	672	681	684	691	705	709	728	734
		7.4596 - TUBE, OIL PRESSURE SWITCH (CONT'D)													
	5173134	BRACKET, CLIP (4.1540)								1					
	181333	BOLT, 5/16"-24 X 5/8" (12.9001)								1					
	100014	BOLT, 5/16"-24 X 1" (12.9001)			1						1				
	103320	LOCKWASHER, 5/16" (12.9200)			1					1	1				
	114493	LOCKNUT, 5/16"-24 (2.7170)			1					1	1				
		7.4597 - TUBE, OIL PRESSURE SWITCH RETURN													
	5143789	TUBE ASSY. (DEV. L. 15.58")												1	
	5133505	+ TUBE ASSY. (DEV. L. 15.60")			1										
	5125664	TUBE ASSY. (DEV. L. 16")									1				
	5126225	TUBE (DEV. L. 20.38")								1					
	9432248	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)								1				1	
	9432249	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)												1	
	178690	TEE, 3/8" INV. FL. TUBE (12.9490)			1										
	9432266	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)			1						1				
	442323	CONNECTOR, 3/8" INV. FL. TUBE X 1/8" PIPE (12.9460)								1	1				
		+ NOT SERVICED, FOR SERVICE FABRICATE 12.25" L. FROM 5199575 BULK HOSE AND INCLUDE FITTINGS OF 5199579 AND 5199593 @ 1 EA.													
		7.4598 - SWITCH, ALARM SHUT-OFF (FUEL)													
	5100679	= SWITCH (20# MAKE)	1				1	1	1			1			2
	1507290	SWITCH (20# MAKE)	1				1	1	1						2
	1507591	SWITCH (30# MAKE)		1											
	5100721	+ SWITCH (30# MAKE)		1											
	5100722	SWITCH (19# BREAK)										1			
	112877	BUSHING, 1/4" X 1/8" RED. (12.9570)		1			1		1			1			
	5177752	ELBOW, RESTRICTION (2.7890)													1
	120401	ELBOW, 1/8" STREET 90 DEG. (12.9550)					1		1						
	444052	ELBOW, 1/8" STREET 45 DEG. (12.9550)										1			
	120217	LOCKWASHER, #10 (12.9200)	2	2			2	2	2						
	120614	NUT, #10-32 (12.9120)	2	2			2	2	2						2
		= OPTIONAL TO 1507290.													
		+ OPTIONAL TO 1507591.													
		7.4611 - GOVERNOR, OVERSPEED TRIP													
		SEE ASSEMBLY BREAKDOWN PAGE A1.													
	5134505	GOVERNOR ASSY.											1		
	140875	SCREW, #10-24 X 3/4" SET (12.9076)											1		
	186625	BOLT, 5/16"-18 X 7/8" (12.9001)											2		
	103320	LOCKWASHER, 5/16" (12.9200)											2		

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 661	663	664	667	668	672	681	684	691	705	709	728	734
		7.4635 - ADAPTOR, OVERSPEED TRIP GOVERNOR													
6B	5124967	ADAPTOR											1		
	5131946	ADAPTOR, DRIVE											1		
	5124364	COVER (GOVERNOR MOUNTING)											1		
		7.4644 - SEAL, OVERSPEED TRIP GOVERNOR MOUNTING OIL													
	3222141	GASKET (TO GOVERNOR TO ADAPTOR) (5.3280)											1		
	5126622	RING, SEAL (GOVERNOR TO ADAPTOR) (1.2020)											1		
		7.4652 - VALVE, AUTOMATIC SHUTDOWN AND ALARM SOLENOID													
	5183141	VALVE ASSY., SOLENOID 12V.			1										
	5109317	+ BOLT, #10-24 (2.8917)			1										
	120217	LOCKWASHER, #10 (12.9200)			2										
	110633	NUT, #10-24 (12.9120)			2										
		+ OBSOLETE.													
		7.4668 - TUBE, OVERSPEED GOVERNOR OIL SUPPLY													
	5143698	TUBE ASSY. (DEV. L. 25.30")												1	
	5126223	TUBE (DEV. L. 21.84")								1					
	442347	TEE, 5/16" INV. FL. TUBE (12.9450)								1				1	
	3291487	CLIP, 5/16" (5.5200)												1	
		7.4670 - BRACKET, SOLENOID VALVE MOUNTING													
	5133523	BRACKET			1										
	5157412	SPACER, 7/8" X 1/4" (7.4013)			2										
	186679	BOLT, 3/8"-16 X 1 1/4" (12.9001)			2										
	103321	LOCKWASHER, 3/8" (12.9200)			2										
		7.4694 - TUBE, EXHAUST MANIFOLD WATER INLET													
	5143788	TUBE ASSY. (DEV. L. 9.42")												1	
	5126219	TUBE ASSY. (DEV. L. 11.12") (TO ADAPTOR)		1						1					1
	5137154	TUBE ASSY. (DEV. L. 14.22")								1					
	5126182	TUBE ASSY. (DEV. L. 15.86")			1										
	193004	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)			1									1	
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)		1	1					1	1			1	1

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 61	63	64	67	68	72	81	84	91	705	709	728	734
		7.4694 - TUBE, EXHAUST MANIFOLD WATER INLET (CONT'D)													
	9432267	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)									1				
	5104778	TEE (3/8" INV. FL. TUBE) (IN COVER)		1						1					1
	444136	TEE (3/8" INV. FL. TUBE) (IN COVER) (12.9616)									1				
	5145014	PLUG, 3/8" PIPE (12.9550)									1				
	103647	DRAINCOCK, 1/4" (12.9510)		1						1					1
		7.4699 - TUBE, EXHAUST MANIFOLD WATER OUTLET													
	5125909	TUBE ASSY. (DEV. L. 11.30")		1						1					1
	5126178	TUBE ASSY. (DEV. L. 14.16")			1						1				
	5143844	TUBE ASSY. (DEV. L. 23.44")												1	
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)		1	1					1	1				1
	9432267	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)		1	1					1	1			1	1
	193004	ELBOW, 3/8" INV. FL. TUBE (12.9480)												1	
		7.4707 - RELAY, TIME DELAY													
	5182544	+ RELAY ASSY.	1	1			1	1	1						1
	132788	SCREW, #8-32 X 1 3/4" FIL. HD. (12.9010)	2				2	2	2						
	179838	BOLT, 3/8"-16 X 7/8" (12.9001)													
	446143	WASHER, #8 (12.9190)	2				2	2	2						
	121841	LOCKWASHER, #8 (12.9200)	2				2	2	2						
	103321	LOCKWASHER, 3/8" (12.9200)					2								
		+ NOT SERVICED, USE 8921717 KIT.													
		7.4711 - PLATE, TIME DELAY RELAY MOUNTING													
	5182531	+ PLATE	1				1	1	1						
	5127699	BRACKET		1											
	5188436	BRACKET						1	1						
	5104903	BRACKET					1								
		+ OBSOLETE.													
		7.4713 - INSULATOR, TIME DELAY RELAY MOUNTING													
	5182532	+ INSULATOR	1				1	1	1						
	132768	SCREW, #8-32 X 3/4" FIL. HD. (12.9010)	4				4	4	4						
	121841	LOCKWASHER, #8 (12.9200)	4				4	4	4						
	120622	NUT, #8-32 (12.9120)	4				4	4	4						
		+ OBSOLETE.													

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 735	738	739	760	776	779	782	866	869	893	899	902
		7.4505 - SWITCH, WATER TEMPERATURE												
	5146080	SWITCH							1		1	1		1
4B	5144496	SWITCH ASSY. (206 DEG.)				1	1							
6B	5120976	VALVE ASSY. (200 DEG.)		1				1					1	
	5109717	PLUNGER		1		1	1						1	
	5109719	SPRING		1		1	1						1	
	5164190	COVER (WITH 1/4" NPT TAP)		1		1	1							
	5189143	COVER (WITH 1/2" NPT TAP) (1.1060)												1
	5163830	GASKET (5.2180)		1		1	1						1	
	5127510	TEE, 1/4" PIPE X 5/8"-14 INV. FL. TUBE (IN COVER) (12.9490)	1	1										
	5129184	TEE, 1/4" NPT SPECIAL					1							
	442323	CONNECTOR, 3/8" TUBE, 1/4"-18 (12.9460)					1							
	103647	DRAINCOCK, 1/4" (IN TEE) (12.9510)		1										
	103320	LOCKWASHER, 5/16" (12.9200)		2		2	2	2					2	
	114493	LOCKNUT, 5/16"-24 (2.7170)		2		2	2	2					2	
		7.4509 - ADAPTOR, WATER TEMPERATURE SWITCH												
6A	5109718	ADAPTOR ASSY.		1		1	1						1	
	5113655	STUD, 5/16"-18-24X2.46" (IN EXHAUST MANIFOLD)		2		2	2						2	
	5143176	TUBE ASSY., WATER SUPPLY		1										
	5145055	+ TUBE ASSY., WATER SUPPLY					1							
	143338	ELBOW, 3/8" INV. FL. TUBE, 45 DEG. X 1/4"-18 PIPE (12.9480)		2			1							
	5121182	PLUG, 1/4" PIPE (2.4015)		1		1	2						1	
		+ OBSOLETE.												
		7.4510 - GASKET, WATER TEMPERATURE SWITCH ADAPTOR												
	5113412	GASKET		1		1	1	1					1	
		7.4519 - SOLENOID, AIR SHUT-OFF												
	1119752	* SOLENOID (24V.)									1			
	1118191	* SOLENOID (24V.-32V.)					1							
	1118128	* SOLENOID (12V.)				1			1	1		1		
	5125863	CLIP				1								
	186679	BOLT, 1/4"-20X5/8" (12.9001)				2			4	4	4			
	443603	BOLT, 1/4"-20X3/4" (12.9001)					4					4		
	213546	BOLT, 1/4"-20X1" (12.9001)				2								
	120392	WASHER, 1/4" (12.9190)										4		
	120380	LOCKWASHER, 1/4" (12.9200)				AR	4		AR	AR	4	4		
	120375	NUT, 1/4"-20 (12.9120)				4	4		4	4	4	4		
	114492	LOCKNUT, 1/4"-28 (12.9120)				2								
		* NOT SERVICED BY DDA. PROCURE THRU AC DELCO.												

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 735	738	739	760	776	779	782	866	869	893	899	902
		7.4525 - WIRE, AIR SHUT-OFF CONTROL (RESET)												
	5146238	WIRE ASSY. (57"L.) (2.9422)						1						
	5126538	PLATE, INSTRUCTION						1						
	5125878	SPRING (3.3050)						1						
	3290569	CLIP (7.8320)						1						
	123298	BOLT, 1/4"-28X3/8" (12.9001)						1						
	110730	LOCKWASHER, 3/8" (12.9200)						1						
	103321	LOCKWASHER, 3/8" (12.9200)						1						
	121902	NUT, 1/4"-28 (12.9120)						1						
	124925	NUT, 3/8"-24 (12.9120)						1						
		7.4530 - BRACKET, AIR SHUT-OFF SOLENOID												
	5125839	BRACKET								1				
	5125862	BRACKET (SOLENOID)				1								
	5130142	BRACKET					1					1		
	5140279	BRACKET							1	1				
	5196119	SPACER, 13/32"X7/8" (3.4001)								2				
	5173085	SPACER, 7/16"X5/8"X7/8"					3					3		
	186648	BOLT, 5/16"-18X1 7/8" (12.9001)					3					3		
	454813	BOLT, 3/8"-16X7/8" (12.9001)				2								
	179846	BOLT, 3/8"-16X1 7/8" (12.9001)							2		2			
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)								2				
	103320	LOCKWASHER, 5/16" (12.9200)					3					3		
	103321	LOCKWASHER, 3/8" (12.9200)								4				
		7.4532 - LEVER, AIR SHUT-OFF RESET												
	273669	PIN, 5/16"X7/16" STRAIGHT (12.9300)		1										
	140881	SCREW, #10-32X5/16" (12.9076)		1										
	120385	WASHER, #12 (12.9190)		1										
	5168374	NUT (3.3090)		1										
		7.4538 - ROD, AIR SHUT-OFF SOLENOID CONTROL												
	5142895	LINK									1			
A	5115836	LINK (BELLOWS TO LATCH)		1				1					1	
	5178860	LINK					1					1		
	5124918	LINK							1	1				
	112526	PIN, 1/16"X3/8" COTTER (12.9250)						1	1	1	1		1	
	103361	PIN, 1/16"X1/2" COTTER (12.9250)					1					1		

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 735	738	739	760	776	779	782	868	869	893	899	902
		7.4538 - ROD, AIR SHUT-OFF SOLENOID CONTROL (CONT'D)												
	5176810	PIN, 1/4"X1 1/4" CLEVIS (2.9410)					1					1		
	5124916	SPACER, 9/32" I.D. X .30"							1	1	1			
	5155782	CLIP, 3/16" TUBE, 1/4" BOLT (7.8320)		1										
	181309	BOLT, 1/4"-28X1/2" (12.9001)		1										
	5124846	BOLT, 1/4"-28X1" (3.3110)		1										
	5115204	BOLT, 1/4"-28X1 1/4" (7.4519)							1	1	1			
	120392	WASHER, 1/4" (12.9190)					1					1		
	120380	LOCKWASHER, 1/4" (12.9200)		1					1	1	1			
	114492	NUT, 1/4"-28 (12.9120)					2		3	3	3	2		
	121902	NUT, 1/4"-28 (12.9120)		1										
		7.4545 - HARNESS, AIR SHUT-OFF WIRING												
	5145213	+ HARNESS					1							
	3223197	CLIP, 2 3/4"X3/4" (7.4580)					4							
	186618	BOLT, 5/16"-18X5/8" (12.9001)					1							
	103320	LOCKWASHER, 5/16" (12.9200)					1							
		+ OBSOLETE.												
		7.4550 - HOUSING, AIR SHUT-OFF CONTROL												
6A	5113159	HOUSING						1					1	
	186676	BOLT, 3/8"-20X5/8" (12.9001)						1					1	
	103319	LOCKWASHER, 1/4" (12.9200)						1					1	
		7.4553 - COVER, AIR SHUT-OFF CONTROL HOUSING												
	5113160	COVER		1				1					1	
	271169	NUT, #10-32 (WITH LOCKWASHER) (12.9120)		2				2					2	
		7.4560 - SPRING, AIR SHUT-OFF RESET LATCH												
	5124852	SPRING (RESET WIRE RETURN) (3.3070)		1										
		7.4586 - SWITCH, OIL PRESSURE												
	5100720	SWITCH (27# BREAK)					1					1		
	5100722	SWITCH (10# BREAK)				1			1		1	1		1
6A	5186528	BELLOWS ASSY.		1				1					1	
	9409943	TEE, 1/8" PIPE												1
	443762	EXTENSION, 1/8" LUBE FITTING (12.9540)												1

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 735	738	739	760	776	779	782	866	869	893	899	902
		7.4586 - SWITCH, OIL PRESSURE (CONT'D)												
	444285	NIPPLE, 1/8" PIPE (12.9560)				1								
	105412	ELBOW, 1/8" PIPE 90 DEG. (12.9480)				1								
	225815	ELBOW, 5/16"-90 DEG., 1/8" P.T. (12.9480)		1										
	143338	ELBOW, 3/8"-45 DEG., 1/4" P.T. (12.9480)		1										
	193004	ELBOW, 3/8"-90 DEG., 1/4" P.T. (12.9480)		1										
	5145009	PLUG, 1/8" PIPE (12.9550)				1								
	5115214	PLUG, 1/2" PIPE (12.9550)		1										
	144050	BUSHING, 1/2"X1/8" RED. (12.9570)					1					1		
	144045	BUSHING, 1/2"X1/4" RED. (12.9570)		1										
	132105	SCREW, #10-32X3/8" FIL. HD. (12.9025)		4				4					4	
	120217	LOCKWASHER, #10 (12.9200)							2		2			2
	120614	NUT, #10-32 (12.9120)							2		2			2
	271169	NUT, #10-32 (WITH LOCK WASHER) (12.9120)		4				4					4	
		7.4596 - TUBE, OIL PRESSURE SWITCH												
	5143178	TUBE ASSY. (OIL SUPPLY)		1										
	5127897	% TUBE ASSY. (DEV. L. 11.60") (TO BELLOWS)						1						
	5128301	TUBE ASSY. (DEV. L. 22.26") (SUPPLY)						1						
	5125612	TUBE ASSY. (DEV. L. 29.50") (PRESSURE BLK. TO TEMP. VALVE)											1	
	5125613	TUBE ASSY. (DEV. L. 45.22") (TEMP. VALVE TO BELLOWS)											1	
	5132615	HOSE ASSY., #5X30" L. (TO BELLOWS) (7.8300)		1										
	5100136	ADAPTOR, 1/8" PIPE (12.9570)		1										
	5122900	ELBOW, RESTRICTED (IN BLOCK)											1	
	225815	ELBOW, 5/16" TUBE 90 DEG. (12.9425)						1					1	
	143337	ELBOW, 5/16"-45 DEG., 1/4" P.T. (12.9480)		1										
	5161872	CLIP, DOUBLE TUBE (1 5/8" L.) (NEOPRENE COATED) (2.5220)		2										
	3290459	CLIP, 5/16" TUBE (2.5220)											2	
	5159490	CLIP, 5/16" (7.4076)						1						
	5153473	CLIP, 1/2" TUBE, 3/8" BOLT (4.6040)		1										
	5112241	CLIP, 2 1/2"X5/8" (2 TUBE) (2.5070)											2	
	9413261	TEE, 5/16" INV. FL. TUBE (12.9490)						1					1	
	5133872	TEE, 5/16" TUBE (.055" RESTRICTED) (2.8910)		1										
	5128206	CONNECTOR, 1/8" INV. FL. TUBE						1						
	5157412	SPACER, 7/8"X1/4" (7.4013)		1										

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 735	738	739	760	776	779	782	866	869	893	899	902
		7.4596 - TUBE, OIL PRESSURE SWITCH (CONT'D)												
	132259	SCREW, 1/4"-20X5/8"		1										
	110502	SCREW, #10X24X3/4" (12.9025)											1	
	454813	BOLT, 3/8"-16X7/8" (12.9001)		1										
	120380	LOCKWASHER, 1/4" (12.9200)		1										
	103321	LOCKWASHER, 3/8" (12.9200)		1										
	120217	LOCKWASHER, #10 (12.9200)											1	
	120375	NUT, 1/4"-20 (12.9120)		1										
	110633	NUT, #10-24 (12.9120)											1	
		% NOT SERVICED, FOR SERVICE USE 1-5199575 HOSE, 2-5199588 FITTINGS AND SD-29.												
		7.4597 - TUBE, OIL PRESSURE SWITCH RETURN												
	5125615	TUBE ASSY. (DEV. L. 18.50")											1	
	5128300	TUBE ASSY. (DEV. L. 35.94")						1						
	9432248	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)											1	
	9432249	ELBOW, 3/8" INV. FL. TUBE 90 DEG. (12.9480)						1						
	442323	CONNECTOR, 3/8" INV. FL. TUBE X 1/8" PIPE (12.9460)						1					1	
	5177623	CLIP, 3/8" TUBE (2.5120)						1						
	5112241	CLAMP (2.5070)						2					2	
	454813	BOLT, 3/8"-16X7/8" (12.9001)						1						
	110502	BOLT, #10-24X3/4" (12.9001)						1					1	
	103341	WASHER, 3/8" (12.9190)						1						
	120217	LOCKWASHER, #10 (12.9200)						1					1	
	103321	LOCKWASHER, 3/8" (12.9200)						1						
	110633	NUT, #10-24 (12.9120)						1					1	
		7.4598 - SWITCH, ALARM SHUT-OFF (FUEL)												
	5100679	SWITCH (20# MAKE)							1		1			
	5100721	SWITCH (30# MAKE)				1	1					1		
	444148	TEE, 1/4"-18 PIPE (12.9616)					1				1	1		
	112877	BUSHING, 1/4"X1/8" RED. (12.9570)				1	1				1	1		
	120401	ELBOW, 1/8" STREET 90 DEG. (12.9550)									1			
	444052	ELBOW, 1/8" STREET 45 DEG. (12.9550)										1		
	120217	LOCKWASHER, #10 (12.9200)							2		2			
	120614	NUT, #10-32 (12.9120)							2		2			
		7.4611 - GOVERNOR, OVERSPEED TRIP												
		SEE ASSEMBLY BREAKDOWN PAGE A1.												
	5134505	GOVERNOR ASSY.			1									
6C	5138198	+ GOVERNOR ASSY.	1											
	140869	SCREW, #10-24X5/16" SET (12.9076)			1									

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 735	738	739	760	776	779	782	866	869	893	899	902
		7.4611 - GOVERNOR, OVERSPEED TRIP (CONT'D)												
	186629	BOLT, 5/16"-18X1" (12.9001)	2											
	446202	WASHER, 5/16" COPPER (12.9190)	2											
		+ OBSOLETE.												
		7.4635 - ADAPTOR, OVERSPEED TRIP GOVERNOR												
	5124365	ADAPTOR			1									
	5140067	ADAPTOR (TO FLYWHEEL HOUSING) (S.D. 122)			1									
	179858	BOLT, 7/16"-14X1" (12.9001)			1									
	179882	BOLT, 1/2"-13X1 1/8" (12.9001)			4									
		7.4638 - GASKET, OVERSPEED TRIP GOVERNOR ADAPTOR												
	5138159	GASKET	1											
		7.4644 - SEAL, OVERSPEED TRIP GOVERNOR MOUNTING OIL												
	5126622	RING, SEAL (GOVERNOR TO ADAPTOR) (1.2020)			1									
		7.4694 - TUBE, EXHAUST MANIFOLD WATER INLET												
	5126219	TUBE ASSY. (DEV. L. 11.12") (TO ADAPTOR)				1								
	5146516	TUBE ASSY. (DEV. L. 17.26")											1	
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)				1							2	
	5104778	TEE, 1/4"X1/4"X5/8"				1								
	144045	BUSHING, 1/2"X1/4" RED. (12.9570)											1	
	103647	DRAINCOCK, 1/4" (12.9510)				1								
		7.4699 - TUBE, EXHAUST MANIFOLD WATER OUTLET												
	5145214	TUBE ASSY. (DEV. L. 11.15") (TO THERM. HOUSING)					1							
	5125909	TUBE ASSY. (DEV. L. 11.30")				1								
	5143177	TUBE ASSY. (DEV. L. 13.97")		1										
	5146509	TUBE ASSY. (DEV. L. 18.60")											1	
	144045	BUSHING, 1/2"X1/4" RED. (12.9570)					1							
	442323	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)				1	1							

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 735	738	739	760	776	779	782	866	869	893	899	902
		7.4699 - TUBE, EXHAUST MANIFOLD WATER OUTLET (CONT'D)												
	9432267	CONNECTOR, 3/8" INV. FL. TUBE (12.9460)				1							1	
	193004	ELBOW, 3/8" INV. FL. TUBE (12.9480)					1						1	
	9432249	ELBOW, 3/8"-90 DEG., 3/8" P.T. (12.9480)		1										
	5182359	BRACKET (9.9535)		1										
	5131190	CLIP, 3/8" TUBE (2.5120)		1										
	3223241	CLIP, 3/8" TUBE (DOUBLE TUBE) (2.5220)											2	
	443603	BOLT, 1/4"-20X3/4" (12.9001)											1	
	454813	BOLT, 3/8"-16X7/8" (12.9001)		1										
	103319	LOCKWASHER, 1/4" (12.9200)											1	
	103321	LOCKWASHER, 3/8" (12.9200)		1										
	123390	NUT, 1/4"-20 JAM (12.9120)											1	
	123221	NUT, 3/8"-16 (12.9120)		1										
		7.4707 - RELAY, TIME DELAY												
	5146219	% RELAY ASSY.				1	1		1			1		
	132788	SCREW, #8-32X1 3/4" FIL. HD. (12.9010)					2		2			2		
	446143	WASHER, #8 (12.9190)					2		2			2		
	121841	LOCKWASHER, #8 (12.9200)					2		2			2		
		% NOT SERVICED, FOR SERVICE USE 8921717 KIT.												
		7.4711 - PLATE, TIME DELAY RELAY MOUNTING												
	5182531	+ PLATE					1		1			1		
	5147454	BRACKET					1					1		
	5118956	SPACER, 13/32"I.D.X3/4"O.D.X1.12"L.					2					2		
	186315	BOLT, 3/8"-24X4 1/2" (12.9001)					2					2		
		+ OBSOLETE.												
		7.4713 - INSULATOR, TIME DELAY RELAY MOUNTING												
	5182532	+ INSULATOR					1		1			1		
	132768	SCREW, #8-32X3/4" FIL. HD. (12.9010)					4		4			4		
	121841	LOCKWASHER, #8 (12.9200)					4		4			4		
	120622	NUT, #8-32 (12.9120)					4		4			4		
		+ OBSOLETE.												
		7.4748 - TUBE, OVERSPEED VALVE OIL DRAIN												
	5143179	TUBE ASSY. (24.38" DEV. L.)		1										
	5143370	HOSE ASSY. (#5X25.00") (7.4746)		1										
	5177623	CLIP, 3/8" TUBE (2.5120)		1										

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 735	738	739	760	776	779	782	866	869	893	899	902
	7.4748	**TUBE, OVERSPEED VALVE OIL DRAIN (CONT'D)**												
	5153473	CLIP, 1/2" TUBE, 3/8" BOLT (4.6040)		1										
	442347	TEE, 5/16" THREE-WAY (12.9490)		1										

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 918	934	946	957	958	970	973	998	1012	1016	1018	1021
		7.4505 - SWITCH, WATER TEMPERATURE												
		A SWITCH ASSY. INCLUDES NEXT 25 ITEMS IN 7.4505.												
	5130262	% SWITCH	1											
	5146080	SWITCH		1		1	2	1	1	1	1	1		1
	5142324	# SWITCH ASSY. (210 DEG.)	1											
	5104916	SWITCH (215 DEG.)											1	
	5109717	PLUNGER	1											
	5131437	% BRACKET, SWITCH	1											
	5142387	% ELEMENT (203 DEG.)	1											
	5130270	% SEAL RING	1											
4B	5130267	% SHAFT, SHUTDOWN SWITCH	1											
4B	5130272	% SPRING	1											
	5109719	SPRING, COMPRESSION	1										1	
	5163830	GASKET (5.2180)	1										1	
4B	5130261	% ACTUATOR, SWITCH	1											
	5130264	% PLATE, SWITCH SUPPORT	1											
4B	5130230	% WIRE, WATER TEMP. SWITCH	2											
	5130269	% SUPPORT, SHUTDOWN	1											
	5131438	% COVER, SHUTDOWN SWITCH	1											
	5130266	% PLUG	2											
	188978	% SCREW, #10-24X3/8" (12.9010)	2											
	132776	SCREW, #8-32X1" (12.9025)	3											
	421556	SCREW, #2-56X3/4" (12.9025)	2											
	126266	% BOLT, #10-24X7/8" RD. HD.	2											
	5130265	% WASHER, INSULATED	2											
	5130378	WASHER, #10 SPRING	2											
	221158	% WASHER, 3/32" X 1/4" (12.9190)	2											
	446152	WASHER, 13/64" (12.9190)	2											
	120217	LOCKWASHER, #10 (12.9200)	2											
	106496	LOCKWASHER, #8 (12.9200)	3											
	5130271	% NUT, 5/16"-24	1											
	120361	NUT, #10-24 (12.9120)	4											
	9419440	NUT, #2-56 LOCK (12.9120)	2											
		% OBSOLETE.												
		# NOT SERVICED, FOR SERVICE USE 5107326.												
		7.4509 - ADAPTOR, WATER TEMPERATURE SWITCH												
	5109718	ADAPTOR ASSY.	1										1	
	5113655	STUD, 5/16"-18X5/16"-24X2.46"L.	2										2	
	5121182	PLUG, 1/4"-18 PIPE (2.4015)	1										1	
	103320	LOCKWASHER, 5/16" (12.9200)	2										2	
	114493	LOCKNUT, 5/16"-24 (2.7170)	2										2	
		7.4510 - GASKET, WATER TEMPERATURE SWITCH ADAPTOR												
	5113412	GASKET	1										1	
		7.4513 - BELL, ALARM SYSTEM												
	8921360	BELL												1

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7.4000C SHUT-OFF OR ALARM SYSTEM

IG	PART NUMBER	NAME AND DESCRIPTION	TYPES 9188	9346	9467	9588	9700	9738	9988	10122	10116	10188	10221			
		7.4519 - SOLENOID, AIR SHUTOFF														
	1118128	* SOLENOID (12V.)	1	1	1	1		1	1	1						
	1118191	* SOLENOID (24V.-32V.)				1	1									
	186676	BOLT, 1/4"-20X5/8" (12.9001)		4		4			4							
	443603	BOLT, 1/4"-20X3/4" (12.9001)			4		4									
	5115204	BOLT, 1/4"-28X1 1/4" (RELEASE LATCH)	1													
	179795	BOLT, 1/4"-20X5/8" (12.9001)	4		4			4		4						
	120392	WASHER, 1/4" (12.9190)	4	4	4	4	4	4		4						
	103319	LOCKWASHER, 1/4" (12.9200)	4	4	4	4	4	4	4	4						
	120375	NUT, 1/4"-20 (12.9120)	4	4	4	4	4	4	4	4						
		* NOT SERVICED BY DDA. PROCURE THRU AC DELCO.														
		7.4530 - BRACKET, AIR SHUTOFF SOLENOID														
	5142895	BRACKET	1													
	5125839	BRACKET	1		1											
	5130142	BRACKET		1			1									
	5140279	BRACKET		1		1		1	1							
	5173085	SPACER, 7/16"X5/8"X7/8"		3			3									
	186648	BOLT, 5/16"-18X1 7/8" (12.9001)		3			3									
	5157244	BOLT, 3/8"-16X1 3/4" (12.9001)	2													
	179846	BOLT, 3/8"-16X1 7/8" (12.9001)		2		2	2		2	2						
	103320	LOCKWASHER, 5/16" (12.9200)		3			3									
	103321	LOCKWASHER, 3/8" (12.9200)	2	2		2										
	103341	WASHER, 3/8" (12.9190)		2		2										
	114492	NUT, 1/4"-28 JAM (12.9120)	2													
		7.4538 - ROD, AIR SHUT-OFF SOLENOID CONTROL														
	5141260	LEVER (7.4520)	1													
	5142895	LINK			1											
	5178860	LINK		1			1									
	5124918	LINK		1		1		1	1	1						
	5124916	SPACER, 9/32"X7/16"X.30"	1	1		1	1		1	1						
	112526	PIN, 1/16"X3/8" COTTER (12.9250)	1	1		1	1		1	1						
	103361	PIN, 1/16"X1/2" COTTER (12.9250)			1			1								
	455532	PIN, 1/8"X1/2" L. (12.9275)	1													
	5176810	PIN, 1/4"X1 1/4" CLEVIS (2.9410)			1			1								
	112526	PIN, 1/16" X 3/8" COTTER (12.9250)								1						
	186676	BOLT, 1/4"-20X5/8" (12.9001)	2													
	5115204	BOLT, 1/4"-28X1 1/4" (7.4519)		1		1	1		1	1	1					
	120392	WASHER, 1/4" (12.9190)			2			2		4						
	120380	LOCKWASHER, 1/4" (12.9200)	1	1		1	1		1	1	1					
	103319	LOCKWASHER, 1/4" (12.9200)	1													
	114492	NUT, 1/4"-28 JAM (12.9120)	1	3	2		3	2	2	3	3					
	120613	NUT, 1/4"-28 (12.9120)				3										
		7.4545 - HARNESS, AIR SHUT-OFF WIRING														
	5135856	HARNESS		1												
	5108521	HARNESS ASSY.				1										
	5126038	WIRE ASSY. (7.1630)		1		1	1									

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 918	934	946	957	958	970	973	998	1012	1016	1018	1021
		7.4545 - HARNESS, AIR SHUT-OFF WIRING (CONT'D)												
	5182572	WIRE ASSY.		1		1								
	5171509	CLIP, 5/8" (9.1591)		3										
	179835	BOLT, 3/8"-16X5/8" (12.9001)		1										
	103321	LOCKWASHER, 3/8" (12.9200)		1										
	121841	LOCKWASHER, #8 CAD. (12.9200)					1							
	5102207	WIRE ASSY.					2							
	3223197	CLIP												
	120622	NUT, #8-32 CAD. (12.9120)												
		7.4586 - SWITCH, OIL PRESSURE												
	5100722	= SWITCH (10# BREAK)		1		1	1	1	1	1	1	1		1
	1507289	SWITCH (10# BREAK)		1		1	1							
	444052	ELBOW, 1/8" STREET 45 DEG. (12.9550)						1						1
	144050	BUSHING, 1/2" X 1/8" RED. (12.9570)						1						
	9409943	TEE, 1/8" PIPE		1			1							
	5145009	PLUG, 1/8" PIPE (12.9550)		1										
	5104778	TEE, 1/4"X1/4"X5/8" (7.4694)					1							
	120217	LOCKWASHER #10 CAD. (12.9200)												
	120614	NUT, #10-32 CAD. (12.9120)												
		= OPTIONAL TO 1507289												
		7.4598 - SWITCH, ALARM SHUT-OFF (FUEL)												
	5100679	= SWITCH (20# MAKE)		1		1	1		1	1		1		1
	1507290	SWITCH (20# MAKE)		1		1	1							
	5100721	SWITCH (30# MAKE)						1						
	112877	BUSHING, 1/4"X1/8" RED. (12.9570)		1		1	1	1	1					1
	120401	ELBOW, 1/8" STREET 90 DEG. (12.9550)		1		1			1					
	120217	LOCKWASHER, #10 (12.9200)				2								
	120614	NUT, #10-32 (12.9120)				2								
		= OPTIONAL TO 1507290												
		7.4686 - TUBE ASSY., ADAPTOR TO OUTLET ELBOW												
	8921276	TUBE ASSY.											1	
	442323	CONNECTOR, 3/8" INV FLRD. TUBE 1/4"-18 (12.9460)											1	
	9432249	ELBOW, 3/8" INV. FLRD. TUBE, 90 DEG. (12.9480)											1	
		7.4687 - TUBE ASSY., ADAPTOR TO WATER PUMP												
	8921277	TUBE ASSY.											1	
	193004	ELBOW, 3/8" INV. FLRD. TUBE 1/4"-18, 90 DEG. (12.9480)											2	
	189060	BUSHING, 3/4" X 1/4" RED. PIPE (12.9570)											1	
	5142549	PLUG, 3/4"-14 PIPE (12.9550)											1	

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G	PART NUMBER	NAME AND DESCRIPTION	TYPES 918	934	946	957	958	970	973	998	1012	1016	1018	1021
		7.4707 - RELAY, TIME DELAY												
	5146219	* RELAY ASSY.		1		1	1	1	1	1		1		
	132788	SCREW, #8-32 X 1 3/4" FIL. HD. (12.9010)		2		2	2	2	2	2		2		
	446143	WASHER, #8 (12.9190)		2		2	2	2	2	2		2		
	121841	LOCKWASHER, #8 (12.9200)		2		2	2	2	2	2		2		
		* NOT SERVICED, FOR SERVICE USE 8921717 KIT.												
		7.4711 - PLATE, TIME DELAY RELAY MOUNTING												
	5147454	BRACKET		1		1	1	1	1	1		1		
	186629	BOLT, 5/16"-18X1" (12.9001)		2		2	2		2					
	186315	BOLT, 3/8"-24 X 4 1/2" (12.9001)						2						
	5118956	SPACER, 13/32" I.D. X 3/4" O.D. X 1.12"						2						
	444148	TEE, 1/4"-18 PIPE (12.9616)						1						
	5159714	WASHER, 11/16" (2.7290)		2		2	2		2					
	103320	LOCKWASHER, 5/16" (12.9200)		2		2	2		2					

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 1022	1023	1034	1035
		7.4505 - SWITCH, WATER TEMPERATURE				
	5146080	SWITCH	1	1		
	5104917	SWITCH			1	1
	179835	BOLT, 3/8"-16X5/8" (12.9001)		1		
	5171509	CLIP, 5/8" (9.1591)		3		
	121841	LOCKWASHER, #8		2		
	103321	LOCKWASHER, 3/8" (12.9200)		1		
	120622	NUT, #8-32 CAD. (12.9120)		2		
		7.4519 - SOLENOID, AIR SHUTOFF				
		SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO.				
	1118191	* SOLENOID (24V.-32V.)	1	1		
	1118128	* SOLENOID (12V.)			1	1
	186676	BOLT, 1/4"-20X5/8" (12.9001)	4		4	
	179795	BOLT, 1/4"-20X5/8" (12.9001)		4		
	443603	BOLT, 1/4"-20X3/4" (12.9001)				4
	120392	WASHER, 1/4" (12.9190)		4		4
	103319	LOCKWASHER, 1/4" (12.9200)	4	4	4	4
	120375	NUT, 1/4"-20 (12.9120)	4	4	4	4
		* NOT SERVICED BY DDA.				
		7.4530 - BRACKET, AIR SHUTOFF SOLENOID				
	5125839	BRACKET	1			
	5140279	BRACKET		1	1	
	5130142	BRACKET				1
	5173085	SPACER, 7/16"X5/8"X7/8"				3
	186648	BOLT, 5/16"-18X1 7/8" (12.9001)				3
	179846	BOLT, 3/8"-16X1 7/8" (12.9001)	2	2	2	
	103320	LOCKWASHER, 5/16" (12.9200)				3
		7.4538 - ROD, AIR SHUTOFF SOLENOID CONTROL				
	5142895	LINK	1			
	5124918	LINK		1	1	
	5178860	LINK				1
	5124916	SPACER, 9/32"X7/16"X.30"	1	1	1	
	5115204	BOLT, 1/4"-28X1 1/4" (RELEASE LATCH)	1	1	1	
	112526	PIN, 1/16"X3/8" COTTER (12.9250)	1	1	1	
	5176810	PIN, 1/4"X1 1/4" CLEVIS (2.9410)				1
	103361	PIN, 1/16"X1/2" COTTER (12.9250)				1
	120392	WASHER, 1/4" (12.9190)				2
	120380	LOCKWASHER, 1/4" (12.9200)	1	1	1	
	114492	LOCKNUT, 1/4"-28 (12.9120)	3	3	3	2
		7.4545 - HARNESS, AIR SHUT-OFF WIRING				
	5108521	HARNESS ASSY.			1	
	5182572	WIRE ASSY.			1	
	5182537	WIRE ASSY.			1	
	5128742	WIRE ASSY. (7.1630)			1	
	3223197	CLIP (7.4580)			2	

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 1022	1023	1034	1035
		7.4586 - SWITCH, OIL PRESSURE				
	5100722	= SWITCH (10# BREAK)	1	1	1	1
	120617	LOCKWASHER, #10 CAD. (12.9200)		2		
	9409943	TEE, 1/8" PIPE		1	1	
	444052	ELBOW, 1/8" STREET 45 DEG. (12.9550)				1
	144050	BUSHING, 1/2"X1/8" RED. (12.9570)				1
	120614	NUT, #10-32 CAD. (12.9120)		2		
		= OPTIONAL TO 1507289.				
		7.4598 - SWITCH, ALARM SHUTOFF (FUEL)				
	5100679	= SWITCH (20# MAKE)	1		1	
	5100721	SWITCH (30# MAKE)				1
	444148	TEE, 1/4"-18 PIPE (12.9616)				1
	112877	BUSHING, 1/4"X1/8" RED. (12.9570)			1	1
		= OPTIONAL TO 1507290.				

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 1102-1103-1104-1105
		7.4707 - RELAY, TIME DELAY	
	5146219	% RELAY ASSY. (7.2330)	1 1 1
	132788	SCREW, #8-32X1 3/4" (12.9001)	2 2 2
	446143	WASHER, #8 (12.9190)	2 2 2
	121841	LOCKWASHER, #8 (12.9200)	2 2 2
		% NOT SERVICED; FOR SERVICE USE 8921717 KIT.	
		7.4711 - PLATE, TIME DELAY RELAY MOUNTING	
	5147454	BRACKET	1 1 1
	186629	BOLT, 5/16"-18X1" (12.9001)	2
	186315	BOLT, 3/8"-24X4 1/2" (12.9001)	2
	5118956	SPACER, 13/32" I.D.X3/4" O.D. X1.12"	2
	5159714	WASHER, 11/16" (2.7290)	2
	103320	LOCKWASHER, 5/16" (12.9200)	2

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN A	B	C	D	E	F	G	H	I	J	K	L	M	N
		7.4611 - GOVERNOR, OVERSPEED TRIP														
	5186484	GOVERNOR ASSY. (HYDRAULIC)	1													
	5131862	GOVERNOR ASSY. (ELECTRIC)		1												
	5131864	GOVERNOR ASSY. (ELECTRIC)			1											
	5131866	GOVERNOR ASSY. (ELECTRIC)				1										
	5131863	GOVERNOR ASSY. (ELECTRIC)					1									
	5131861	GOVERNOR ASSY. (ELECTRIC)						1								
	5134505	GOVERNOR ASSY. (HYDRAULIC)							1							
	5134506	GOVERNOR ASSY. (HYDRAULIC)								1						
	5138198	+ GOVERNOR ASSY. (ELECTRIC)									1					
	3292047	+ PLATE, NAME	1						1	1						
	190073	SCREW, #2X3/16" DRIVE (12.9067)	2						2	2						
		+ OBSOLETE.														
		7.4614 - HOUSING ASSY., OVERSPEED TRIP GOVERNOR														
	5193654	@ HOUSING	1													
	5195867	HOUSING		1	1		1	1								
	5198211	HOUSING							1	1						
	5198507	% HOUSING									1					
		@ NOT SERVICED, REPLACE WITH 5198211 HOUSING AND INCLUDE 1-5198210 COVER AND 3-455580 BOLTS.														
		% OBSOLETE.														
		7.4615 - BUSHING, OVERSPEED TRIP GOVERNOR HOUSING														
	5195820	SEAL, OIL (7.4623)		1	1		1	1			1					
		7.4617 - BALLHEAD (HYDRAULIC) OVERSPEED TRIP GOVERNOR														
	5193657	BALLHEAD	1						1	1						
	5193659	PIN	2						2	2						
	5193660	RING, RETAINING	1						1	1						
		7.4620 - PLUNGER, OVERSPEED TRIP GOVERNOR PILOT VALVE														
	5193656	PLUNGER	1						1	1						
		7.4623 - WEIGHT AND CARRIER ASSY., OVERSPEED TRIP GOVERNOR														
	5198462	+ SHAFT AND WEIGHT ASSY. (INCLUDES BEARING RETAINING RING IN 7.4623)									1					
	5197897	SHAFT AND WEIGHT ASSY. (INCLUDES		1	1		1	1								

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN A	B	C	D	E	F	G	H	I	J	K	L	M	N
	7.4623	**- WEIGHT AND CARRIER ASSY., OVERSPEED TRIP GOVERNOR (CONT'D)**														
		BEARING RETAINING RING IN 7.4623)														
6C	**5195847**	SHAFT AND WEIGHT ASSY. (INCLUDES BEARING RETAINING RING IN 7.4623)				1										
6C	**5195848**	RING, BEARING RETAINING (7.4650)		1	1	1	1	1			1					
		+ OBSOLETE.														
	7.4625	**- WEIGHT, OVERSPEED TRIP GOVERNOR**														
6B	**5198214**	WEIGHT	2						2	2						
	7.4630	**- COVER, OVERSPEED TRIP GOVERNOR HOUSING**														
6B	**5193664**	* COVER	1													
	5198210	COVER							1	1						
6B	**5198213**	SCREW, SPRING TENSION ADJUSTING	1						1	1						
6B	**187828**	BOLT, #10-32 X 1/2" (12.9027)	3						3	3						
	120217	LOCKWASHER, #10 (12.9200)	3						3	3						
6B	**120375**	NUT, 1/4"-20 (12.9120)	1						1	1						
		* NOT SERVICED, REPLACE WITH 5198210 COVER, INCLUDE 1-5198211 HOUSING AND 3-455580 BOLTS.														
	7.4636	**- SEAL, OVERSPEED TRIP GOVERNOR HOUSING COVER OIL**														
	5193665	GASKET	1						1	1						
	5149210	RING, SEAL	1						1	1						
	7.4644	**- SEAL, OVERSPEED TRIP GOVERNOR MOUNTING OIL**														
6C	**5195822**	RING, SEAL (BETWEEN BODY AND COVER)		1	1	1	1	1			1					
	7.4646	**- SHAFT, OVERSPEED TRIP GOVERNOR OPERATING**														
6C	**5195723**	SHAFT ASSY., FLEXIBLE (INCLUDES RETAINER IN 7.4646)		1	1	1	1	1								
6C	**5198463**	@ SHAFT ASSY., SOLID (INCLUDES RETAINER IN 7.4646)									1					
6C	**5195675**	RETAINER		1	1	1	1	1			1					
6B	**5193655**	CABLE ASSY.	1						1	1						
		@ OBSOLETE.														

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN A	B	C	D	E	F	G	H	I	J	K	L	M	N
		7.4647 - BEARING, OVERSPEED TRIP GOVERNOR OPERATING SHAFT														
B	**5149396**	BEARING, THRUST	1						1	1						
		7.4651 - SPRING, OVERSPEED TRIP GOVERNOR														
C	**5198434**	% SPRING (FLYWEIGHT) (6850-800 RPM)									2					
B	**5193662**	SPRING (SPEEDER)	1						1							
C	**5195824**	SPRING (FLYWEIGHT) (2500 RPM)		2												
C	**5195826**	SPRING (FLYWEIGHT) (4000 RPM)			2											
	5195851	SPRING (FLYWEIGHT)				2										
	5197899	SPRING, HIGH SPEED ADJUSTING (SWITCH #1)				1										
	5195868	SPRING, HIGH SPEED ADJUSTING (SWITCH #2)				1										
	5195825	SPRING (FLYWEIGHT) (2750-3750 RPM)					2									
	5195884	SPRING (FLYWEIGHT) (2000 RPM)						2								
	5194640	SPRING (SPEEDER)								1						
	5195836	PIN, ADJUSTING SPRING				2										
		7.4653 - CAP, OVERSPEED TRIP GOVERNOR SPRING														
	5195858	CAP				2										
	5195861	SCREW (#6-40X1/2" SET)				2										
	5195859	NUT (#6-40, LOCK)				2										
		% OBSOLETE.														
		7.4659 - SWITCH, OVERSPEED TRIP GOVERNOR														
C	**5197894**	SWITCH		1	1		1	1			1					
	5197424	SWITCH				2										
	5197431	SPACER (BETWEEN SWITCHES)				2										
C	**5197892**	BRACKET, MOUNTING (ROUND TERMINAL HOLE)		1	1		1	1			1					
C	**5197893**	BRACKET, MOUNTING (OVAL TERMINAL HOLE)		1	1		1	1			1					
	5195835	LIFTER (SWITCH #1)				1										
	5195832	LIFTER (SWITCH #2)				1										
C	**5195838**	INSULATOR, CAP (2 1/2" DIA., 3 HOLES)		1	1		1	1			1					
C	**5197895**	LUG, SWITCH JUMPER		1	1	2	1	1			1					
C	**5197896**	WIRE ASSY., SWITCH TO TERMINAL		3	3		3	3			3					
	5197429	WIRE ASSY.				5										
C	**5195842**	BUSHING, TERMINAL (INSULATING)		11	11	5	5	5			5					
	5197430	SCREW, #3-48 X 1/2"				2										
C	**421566**	SCREW, #3-48X3/4" RD. HD. SLTD. (12.9025)		2	2						2					
C	**9407493**	SCREW, #4-40X1/8" RD. HD. SLTD.		4	4	8										

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7.4000C SHUT-OFF OR ALARM SYSTEM

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN A	B	C	D	E	F	G	H	I	J	K	L	M	N
		7.4659 - SWITCH, OVERSPEED TRIP GOVERNOR (CONT'D)														
6C	**9407494**	SCREW, #4-40X3/16" (12.9025)									4					
	132740	* SCREW, #8-32X1/8" RD. HD. SLTD. (12.9025)				2										
6C	**132768**	SCREW, #8-32 X 3/4"		3	3						3					
6C	**5195841**	WASHER, (#8 INSULATING)		3	3		3				3					
6C	**446143**	WASHER, #8 (12.9190)		7	7	3					7					
6C	**5195834**	LOCKWASHER (#3)		2	2		2	2			2					
	9420810	LOCKWASHER, #3 EXT. TOOTH (12.9210)				4										
6C	**138522**	LOCKWASHER, #4 INT. TOOTH (12.9220)		4	4	8	7	7			7					
6C	**121752**	LOCKWASHER, #8 EXT. TOOTH (12.9210)		3	3	5					3					
6C	**9419442**	NUT, #3-48 STOP		2	2											
	5197432	NUT (#3-48)				2	2	2			2					
	271482	NUT, #6-32 (12.9120)				2										
6C	**271163**	NUT, #8-32 (INCLUDES EXT. TOOTH LOCKWASHER)		3	3	5	3	3			3					
6C	**120622**	NUT, #8-32 (12.9120)		3	3	5					3					
		7.4677 - HOUSING, OVERSPEED TRIP GOVERNOR SWITCH														
	5197901	COVER (DOUBLE SWITCH)				1										
	132768	SCREW, #8-32X3/4" RD. HD. SL. (12.9025)				5										
	133527	SCREW, #8-32X2" RD. HD. SL. (12.9025)				2										
	5195841	WASHER (#8 INSULATING) (7.4650)				5		3								
	446143	WASHER, #8 (12.9190)				10										
	5195864	WASHER, INSULATING (TOP OF GOVERNOR)				1										
		* OBSOLETE.														
		7.4681 - CAP, OVERSPEED TRIP GOVERNOR SWITCH HOUSING														
6C	**5197891**	CAP (SINGLE SWITCH)		1	1		1	1			1					
	5197900	CAP ASSY. (DOUBLE SWITCH)				1										
	5195854	SPRING AND BRACKET ASSY.				2										
	5195853	LEVER, CHANNEL				1										
6C	**5195848**	STUD, ADJUSTING		2	2		2	2			2					
	112871	SCREW, #6-32X5/16" RD. HD. SL. (12.9025)				2										
6C	**5198485**	SCREW AND WASHER ASSY.		1	1	3					1					
6C	**446143**	WASHER, #8 (12.9190)		1	1											

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7.5000A POWER GENERATOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 112	120	125	128	129	130	135	143	197	198
		7.5001 - GENERATOR ASSY., POWER										
		POWER GENERATORS AND COMPONENTS ARE NOT SOLD BY DETROIT DIESEL ALLISON; PROCURE FROM MANUFACTURERS AS SHOWN IN FOOTNOTE.										
	I-4995	= GENERATOR, 12.5 KW., 60 CYCLE, 3 PHASE, 220V., 1200 ROM, SAE #3	1									
	5127505	? GENERATOR, 20 KW., 60 CYCLE, 3 PHASE, 220V., 1800 RPM, SAE #3		1								
	I-4996M2	= GENERATOR, 12.5/8 KW., 60 CYCLE, 3 PHASE, 230/150V., 1200-1800 RPM,SAE #3			1							
	I-4979	= GENERATOR, 50/55 KW., 60 CYCLE, 208/440V., 3 PHASE, 1800 RPM, SAE #2				1						
	I-5270	* GENERATOR, 21.5/23.5 KW., 60 CYCLE, 3 PHASE, 208/480V., 1800 RPM, SAE #3 (WAS I-4983) (TYPE 197)					1					
	I-4985	= GENERATOR, 13.5/15 KW., 60 CYCLE, 3 PHASE, 208/480V., 1200 RPM						1				
	I-5286	* GENERATOR, 18/20 KW., 50 CYCLE, 3 PHASE, 190/440V., 1500 RPM (WASI-4984) (TYPE 198)							1			
	I-4590A1	= GENERATOR ASSY., 20/22 KW., 120V. DC., 1800 RPM								1		
	2E5270H1	= GENERATOR ASSY. (21.5/32.5 KW., 60 CYCLE, 3 PHASE, 208/480V., 1800RPM, BRUSHLESS W/REG.)									1	
	2E5286H1	= GENERATOR ASSY. (18/20 KW., 50 CYCLE, 3 PHASE, 190/440V., 1500RPM, BRUSHLESS W/REG.)										1
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)	12	12	12	12	12					
	180179	BOLT, 1/2"-13X1 3/4" (12.9001)	4	4	4	4	4					
	271632	BOLT, 3/4"-16X1 3/4" (12.9001)				2	2	2	2	2	2	2
	103321	LOCKWASHER, 3/8" (12.9200)	12	12	12	12	12					
	120384	LOCKWASHER, 1/2" (12.9200)	4	4	4	4	4					
	103326	LOCKWASHER, 3/4" (12.9200)				2	2	2	2	2	2	2
	218197	NUT, 3/4"-16 (12.9120)				2	2	2	2	2	2	2
		= PROCURE FROM AC DELCO PRODUCTS ELECTRIC MOTOR REPAIR STATIONS.										
		? PROCURE FROM ELECTRIC MACHINE CO., MINNEAPOLIS, MINNESOTA. REFER TO THEIR ASSEMBLY NUMBER B-24575.										
		* NOT SERVICED; USE TYPE SHOWN IN PARENTHESES. CONTACT AC DELCO PRODUCTS FOR WIRING INFORMATION.										

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7.6000A CONTROL CABINET

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 157	158	159	160	177	191	202	214	217
		7.6001 - CABINET, POWER GENERATOR CONTROL									
		GENERATOR CONTROL CABINETS ARE NOT SERVICED BY DETROIT DIESEL ALLISON DIVISION. ASSEMBLY AND COMPONENT PARTS OF THE ASSEMBLIES ARE SERVICED BY LAKESHORE ELECTRIC MFG. CORP., 205 WILLIS STREET, BEDFORD, OHIO.									
	5127520	CABINET ASSY. (50/55KW., 208/240V., 3 PHASE, 60 CYCLE)	1								
	5127528	CABINET ASSY. (21.5/23.5KW., 208/240V., 3 PHASE, 60 CYCLE)		1							
	5127533	CABINET ASSY. (13.5/15KW., 208/480V., 3 PHASE, 60 CYCLE)			1						
	5127532	CABINET ASSY. (13.5/15KW., 208/240V., 3 PHASE, 60 CYCLE)				1					
	5127529	CABINET ASSY. (21.5/23.5KW., 416/480V., 3 PHASE, 60 CYCLE) (40.8AMP @ 1800 RPM)					1				
	5127530	CABINET ASSY. (18/20KW., 190/220V., 3 PHASE, 50 CYCLE) (76 AMP @ 1500RPM)						1			
	5127531	CABINET ASSY. (18/20KW., 380/440V., 3 PHASE, 50 CYCLE) (38 AMP @ 1500RPM)							1		
	5127342	CABINET ASSY. (21.5/23.5KW., 208/240V., 3 PHASE, 60 CYCLE) (1.5AMP @ 1800 RPM)								1	
	5127335	CABINET ASSY. (18/20KW., 190/220V., 3 PHASE, 50 CYCLE) (76 AMP @ 1500RPM)									1
		7.6005 - INSULATOR, POWER GENERATOR CONTROL CABINET									
	5127539	SUPPORT (CONTROL CABINET)	1								
	5127920	SUPPORT (CONTROL CABINET)		1			1	1	1		
	5128613	SUPPORT (CONTROL CABINET)			1	1					
	5136195	SUPPORT (CONTROL CABINET)								1	1
	5136169	+ SUPPORT (CONTROL CABINET)								1	1
	5127537	BRACKET (SUPPORT)	1	1	1	1	1	1	1		
	180016	BOLT, 1/4"-20X1/2" (12.9001)								4	4
	179803	BOLT, 1/4"-20X1 3/4" (12.9001)								2	2
	5103534	BOLT, 5/16"-24 X 1/2" (1.7227)	4	4	4	4	4	4	4		
	120228	BOLT, 5/16"-18X5/8" (12.9001)	2	2	2	2	2	2	2	2	2
	181596	BOLT, 5/16"-24X7/8" (12.9001)	2	2	2	2	2	2	2	2	2
	120393	WASHER, 5/16" (12.9190)	6	6	6	6	6	6	6	4	4
	103319	LOCKWASHER, 1/4" (12.9200)								2	2
	103320	LOCKWASHER, 5/16" (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR
	114493	LOCKNUT, 5/16"-24 (2.7170)	6	6	6	6	6	6	6	2	2
		+ OBSOLETE.									

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7.7000A WIRING HARNESS

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 279	280	282	287	288	289	290	291	302	303	304	305
		7.7001 - HARNESS, ENGINE WIRING												
	5125098	HARNESS (GENERATOR TO VOLTAGE REGULATOR) (7.1630)	1	1	1			1	1	1				
	5125101	HARNESS	1											
	5125102	HARNESS		1										
	5125105	+ HARNESS			1									
	5120491	HARNESS				1								
	5125325	+ HARNESS					1							
	5125100	HARNESS						1						
	5125103	HARNESS							1					
	5125104	HARNESS								1				
	5128200	HARNESS (POSITIVE - GROUND)									1			
	5128198	HARNESS (POSITIVE - GROUND)										1		
	5128236	+ HARNESS											1	
	5126038	WIRE (REGULATOR TO REGULATOR MOUNTING BRACKET, GROUND) (4"L., RED) (7.1630)	1	1	1			1	1	1	1	1	1	
	5125099	+ WIRE (GENERATOR TO VOLTAGE REGULATOR) (7.5"L., RED.)	1	1	1			1	1	1	1	1	1	
		+ OBSOLETE.												
		7.7010 - CLIP, WIRE HARNESS												
	3223197	CLIP (7.4580)	AR	2	2	AR	AR	AR	AR	AR	AR	2	AR	
	179835	BOLT, 3/8"-16X5/8" (12.9001)	1	1	1			1	1	1				
	103321	LOCKWASHER, 3/8" (12.9200)	1	1	1			1	1	1				
		7.7110 - STRAP, ENGINE TO BASE GROUND												
	5156268	STRAP, GROUND (9 1/4"L.) (7.2040)												1
	180034	BOLT, 1/4"-20X1 1/2" (12.9001)												1
	181435	BOLT, 1/2"-20X2" (12.9001)												1
	120392	WASHER, 1/4" (12.9190)												1
	174916	LOCKWASHER, 1/4" INT.-EXT. TOOTH (12.9215)												1
	178591	LOCKWASHER, 1/2" INT.-EXT. TOOTH (12.9215)												2
	120376	NUT, 1/4"-20 (12.9120)												1
		7.7220 - CABLE, GENERATOR TO CONTROL CABINET												
	5111045	CABLE ASSY., POWER (INCLUDES PLUG AND CLAMP)												1
	5111074	PLUG												1
	5111075	CLAMP												1

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7.7000A WIRING HARNESS

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 279	280	282	287	288	289	290	291	302	303	304	305
		7.7220 - CABLE, GENERATOR TO CONTROL CABINET (CONT'D)												
	5166937	LOCKNUT, 1/2" CABLE TO GENERATOR (11.1001)												1
	186676	BOLT, 1/4"-20X5/8" (12.9001)												3
	120392	WASHER, 1/4" (12.9190)												3
	120380	LOCKWASHER, 1/4" (12.9200)												3
	120376	NUT, 1/4"-20 (12.9120)												3

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7.7000A WIRING HARNESS

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 306	312	313	319	320	335	340	351	355	360	372
		7.7001 - HARNESS, ENGINE WIRING											
	5125325	+ HARNESS			1								
	5125103	HARNESS									1		
	5128237	+ HARNESS	1										
	5121153	+ HARNESS (HOURMETER)			1								
	5130815	HARNESS (STARTING MOTOR)						1					
	5130816	+ HARNESS (GENERATOR)						1					
	5128199	+ HARNESS (NEGATIVE - GROUND)							1				
	5132607	HARNESS								1			
	5132608	HARNESS								1			
	5133499	+ HARNESS (REGULATOR TO STARTER SOLENOID)									1		
	5133498	+ HARNESS (7.7240)									1		
	5133382	+ HARNESS										1	
	5136668	+ HARNESS (CONTROL CABLE WIRING) (7.7060)											1
	5126038	WIRE (REGULATOR TO REGULATOR MOUNTING BRACKET, GROUND) (4"L.,RED) (7.1630)						1				1	
	5128742	WIRE (GENERATOR TO VOLTAGE REGULATOR MOUNTING BRACKET, GROUND) (4"L., BLACK) (7.1630)	1						1				
	5128741	+ WIRE (GENERATOR TO VOLTAGE REGULATOR) (7.5"L., BLACK) (7.1630)	1						1				
	5122184	+ WIRE ASSY., HEATER								1			
	3291992	CONNECTOR, 1/2" ELECTRIC			1								
		+ OBSOLETE.											
		7.7010 - CLIP, WIRE HARNESS											
	3223197	CLIP (7.4580)	AR		AR			2	2	2	AR	AR	
	179835	BOLT, 3/8"-16X5/8" (12.9001)						1		1	1		
	103321	LOCKWASHER, 3/8" (12.9200)						1		1	1		
		7.7110 - STRAP, ENGINE TO BASE GROUND											
	5156268	STRAP, GROUND (9 1/4"L.) (7.2040)		1									
	5185559	STRAP, GROUND (AT INSTRUMENT PANEL)								1			
	180034	BOLT, 1/4"-20X1 1/2" (12.9001)		1									
	181435	BOLT, 1/2"-20X2" (12.9001)		1									
	120392	WASHER, 1/4" (12.9190)		1									
	174916	LOCKWASHER, 1/4" INT.-EXT. TOOTH (12.9215)		1									
	178591	LOCKWASHER, 1/2" INT.-EXT. TOOTH (12.9215)		2									
	120376	NUT, 1/4"-20 (12.9120)		1									

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7.7000A WIRING HARNESS

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 306	312	313	319	320	335	340	351	355	360	372
		7.7220 - CABLE, GENERATOR TO CONTROL CABINET											
	5126042	CABLE ASSY., POWER GENERATOR (50"L.)		3									
	5127642	+ CABLE ASSY., POWER GENERATOR (#8X32"L.)				3							
	5127643	+ CABLE ASSY., POWER GENERATOR (#12X44"L.)					3						
	5136704	+ CABLE ASSY.									1		
	5118028	LOCKNUT, 3/4"									2		
	5126043	+ CONDUIT, 3/4"X36" FLEX.		1									
	5186105	RECEPTACLE ASSY. (60 AMP.)		1									
	5126040	BASE, RECEPTACLE		1									
	5186511	CONNECTOR, 3/4" STRAIGHT		1									
	5186512	CONNECTOR, 3/4", 90 DEG.		1									
	5280750	TERMINAL		3									
	5182003	SLEEVE, INSULATING (#1)		3									
	5182004	SLEEVE, INSULATING (#2)		3									
	5182005	SLEEVE, INSULATING (#3)		3									
	186676	BOLT, 1/4"-20X5/8" (12.9001)		3									
	120392	WASHER, 1/4" (12.9190)		3									
	120380	LOCKWASHER, 1/4" (12.9200)		3									
	120376	NUT, 1/4"-20 (12.9120)		3									

+ OBSOLETE.

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7.7000A WIRING HARNESS

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 377	415	417	422	435
		7.7001 - HARNESS, ENGINE WIRING					
	5136669	+ HARNESS (7.7060)	1				
	5143565	+ HARNESS		1			
	5143734	HARNESS (NEGATIVE RETURN)			1		
	5132607	HARNESS (REGULATOR)			1		
	5144034	+ HARNESS (INSTRUMENT PANEL TO ALTERNATOR AND STARTER) (7.7065)				1	
	5145588	= HARNESS					1
	5128742	WIRE, 4" L., BLACK (GENERATOR TO VOLTAGE REGULATOR MOUNTING BRACKET)			1		
		+ OBSOLETE.					
		= NOT SERVICED; CUSTOMER TO FABRICATE.					
		7.7010 - CLIP, WIRE HARNESS					
	3223197	CLIP (7.4545)		3	1		
	5114904	CLIP, 7/8" (4.8040)				3	
	3223197	CLIP, 7/8" (7.4545)					4
	5114551	TAG, CABLE (7.4545)				2	
	179835	BOLT, 3/8"-16X5/8" (12.9001)			1		
	179835	BOLT, 3/8"-16X5/8" (12.9001)					2
	179837	BOLT, 3/8"-16X3/4" (12.9001)				1	
	179851	BOLT, 3/8"-16X3" (12.9001)		1			
	103321	LOCKWASHER, 3/8" (12.9200)		1	AR	AR	AR
		7.7220 - CABLE, GENERATOR TO CONTROL CABINET					
	5136704	+ CABLE ASSY.	1				
	5118028	LOCKNUT, 3/4"	1				
		+ OBSOLETE.					

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7.8000A AIR HEATER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 158	159	164	165	168	172	178	179	182	183	185	188	192
	7.8001	**- HEATER ASSY., AIR**													
		SEE ASSEMBLY BREAKDOWN PAGE A1.													
	5109495	HEATER ASSY.	1	1	1	1				1					
	5146015	HEATER ASSY.					1								
	5144367	HEATER ASSY.						1	1		1	1	1	1	1
	114671	SCREW, 3/8"-16X7/8" (12.9030)					2								
	180078	BOLT, 5/16"-18 X 7/8" (12.9001)	3	3	3	3		2	2	3	2	2	2	2	2
	186625	BOLT, 5/16"-18X7/8" (12.9001)						2							
	122022	BOLT, 5/16"-18X1 1/8" (12.9001)							1		1	1	1	1	1
	446202	WASHER, 5/16" COPPER (12.9190)	3	3	3	3				3					
	5155596	WASHER, 5/16" (4.7120)						3	3		3	3	3	3	3
	103321	LOCKWASHER, 5/16" (12.9200)					2								
	7.8004	**- KIT, AIR HEATER CONVERSION**													
		A CONVERSION KIT CONSISTS OF ITEMS NEEDED TO CONVERT A RESERVOIR TYPE COLD START SYSTEM TO AN AIR ASPIRATED SYSTEM.													
	5199758	KIT, CONVERSION	AR	AR	AR	AR				AR					
	7.8020	**- GASKET, AIR HEATER**													
	5109496	GASKET	1	1	1	1		1	1	1	1	1	1	1	1
	5106629	GASKET (1.1050)					1								
	5109517	SEAL RING, 1 3/4" DIA. (7.8040)	1	1	1	1		1	1	1	1	1	1	1	1
	7.8060	**- FILTER, AIR HEATER**													
	6438114	RESERVOIR ASSY., FUEL (LESS ELEMENT)					1								
	5139847	@ BRACKET (RESERVOIR AND VALVE)					1								
	181596	# BOLT, 5/16"-24X7/8" (12.9001)					2								
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)					4								
	120393	# WASHER, 5/16" (12.9190)					4								
	103341	WASHER, 3/8" (12.9190)					4								
	103320	LOCKWASHER, 5/16" (12.9200)					2								
	103321	LOCKWASHER, 3/8" (12.9200)					4								
		# PRIOR TO 8D-3319, TYPE 172 NOT SERVICED; USE 5145768 @ QUANTITY OF TWO (2).													
		@ NOT SERVICED. USE 8922268 AND SD-296.													
	7.8080	**- COIL ASSY., AIR HEATER**													
	5100032	# COIL	1	1	1	1		1							
	5145768	COIL					1		1		1		1	1	1
	5188036	# CLAMP, COIL 3" DIA. (12.9660)					2	1							
	9139813	# CLAMP, COIL 3 1/2" DIA. (3.5400)						1							
	5120645	CLAMP, COIL 4 3/4" DIA. (12.9660)				2									
	5136037	# HOSE, 2 1/2"X1" (SPLIT) (4.4213)						2					4		
	5136691	HOSE, 2 5/8"X4.375" (SPLIT) (7.8417)			2	2									
		# PRIOR TO 8D-3319, TYPE 172 NOT SERVICED; USE 5145768 @ QUANTITY OF TWO (2).													

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7.8000A AIR HEATER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 158	159	164	165	168	172	178	179	182	183	185	188	192
		7.8090 - BRACKET, AIR HEATER COIL													
	5136218	BRACKET (COIL AND ACCUMULATOR)	1	1	1	1									
	5134176	BRACKET					1								
	5145427	BRACKET (PUMP) (LOWER) (7.8002)							1		1			1	1
	5145428	BRACKET (PUMP) (UPPER) (7.8002)							1		1			1	1
	5136207	SUPPORT, BRACKET	1	1	1	1			1		1				1
	186624	# BOLT, 5/16"-18X1 1/4" (12.9001)					2								
	106327	BOLT, 5/16"-18X1 3/8" (12.9001)					2								
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)							2					2	2
	186627	BOLT, 3/8"-24X1" (12.9001)	1	1	1	2									
	454933	BOLT, 7/16"-14X1 1/8" (12.9001)	2	2	2	2			2		2			2	2
	5148932	BOLT, 7/16"-14X3 3/4"L. (NYLOC)							1		1			2	1
	103341	WASHER, 3/8" (12.9190)	1	1	1	2			2					2	2
	103342	WASHER, 7/16" (12.9190)	2	2	2	2			2		3			4	2
	106263	WASHER, 7/16" (12.9190)							1						AR
	103320	LOCKWASHER, 5/16" (12.9200)					4								
	103321	LOCKWASHER, 3/8" (12.9200)	1	1	1	2			2					2	2
	103322	LOCKWASHER, 7/16" (12.9200)	2	2	2	2			2		3			4	2
	117049	NUT, 3/8"-24 (12.9120)	1	1	2	2									
	102635	NUT, 3/8"-16 (12.9120)							2		2			2	2
		# PRIOR TO 8D-3319, TYPE 172 NOT SERVICED; USE 5145768 @ QUANTITY OF TWO (2).													
		7.8095 - HARNESS, AIR HEATER WIRING													
	5132521	HARNESS	1	1	1	1									
	5142772	HARNESS					1								
	5143170	+ HARNESS						1							
	5145566	HARNESS							1		1		1	1	1
	436641	SCREW, #4-40X7/16" (12.9010)	4	4											
	131043	LOCKWASHER, #4 (12.9200)	4	4	4	4									
	134524	NUT, #4-40 (12.9120)	4	4	4	4									
		+ OBSOLETE.													
		7.8110 - LEAD, AIR HEATER COIL HIGH TENSION													
		A WIRE ASSY. INCLUDES ITEMS IN 7.8110.													
	5134298	WIRE ASSY.	1	1	1	1									
	5141914	WIRE ASSY.					1								
	5147163	WIRE ASSY., 14" L.						1							
	5142328	WIRE ASSY.						1					1		
	5142056	WIRE ASSY.							1		1			1	1
	5143761	# CLIP (TERMINAL)	1	1	1	1	1	1	1						1
	140582	CLIP, 1/2" TUBE (12.9630)			1										
	5134840	CLIP, 5/16"X3/4" BOLT (2.5220)						2							
	5145429	CLIP, 7/8"X3/8" BOLT (7.8320)							1		1		1	1	1
	5101020	STRAP, HOSE (2.5255)											3		
	5142470	TUBING, POLY SPIRAL (7.7020)							2		2			2	2
	5197283	# GLAND	1	1	1	1	1	1							1
	5612628	TERMINAL & BOOT KIT (INCLUDES HIGH TENSION SPRING, NOT SERVICED SEPARATELY) (7.8130)	1	1	1	1									
	5197282	# COLLAR	1	1	1	1	1	1	1						1
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)									2				
	103341	WASHER, 3/8" (12.9190)									2				
	5197281	# NUT, 3/4"-18	1	1	1	1	1	1	1						1
		# PRIOR TO 8D-3319, TYPE 172.													

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7.8000A AIR HEATER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 158	159	164	165	168	172	178	179	182	183	185	188	192
		7.8200 - PUMP ASSY., AIR HEATER													
	5110760	# PUMP ASSY.	1	1	1	1									
	5107619	+ PUMP ASSY., ELECTRIC (12 VOLT)					1		1		1		1	1	1
	8921167	= VANE, AIR PUMP (CARBON)					3	3	3		3				3
	5137624	HOSE, 2 1/2"X1" SPLIT											2		
	181333	BOLT, 5/16"-24X5/8" (12.9001)					2								
	186654	# BOLT, 5/16"-24X1 1/8" (12.9001)						2							
	120393	# WASHER, 5/16" (12.9190)					4	4							
	103320	# LOCKWASHER, 5/16" (12.9200)					2	2							
	114493	# LOCKNUT, 5/16"-24 (2.7170)					2	2							
		# PRIOR TO 8D-3319, TYPE 172.													
		= PART OF 5107619 ASSEMBLY.													
		+ NOT SERVICED. USE 5142748.													
		7.8203 - BRACKET, AIR HEATER PUMP AND VALVE													
	5132520	BRACKET (PUMP)	1		1										
	5132519	BRACKET (VALVE)	1	1	1	1			1		1		1	1	1
	5132523	BRACKET (PUMP)		1		1									
	5145222	BRACKET (PUMP)					1								
	5143189	# BRACKET (PUMP)						1							
	5145223	CUSHION, MOUNTING					1		2		2		1	2	2
	5188036	CLAMP, 3" HOSE (12.9660)					2								
	5102568	CLAMP											2		
	143338	ELBOW, 45 DEG.- 3/8" TUBE, 1/4"-18PT (12.9480)												1	
	186618	BOLT, 5/16"-18X5/8" (12.9001)		2											
	186625	BOLT, 5/16"-18X7/8" (12.9001)				2									
	186624	# BOLT, 5/16"-18X1 1/4" (12.9001)						3							
	9409215	BOLT, 3/8"-16X1 1/4" (12.9001)					2								
	179847	BOLT, 3/8"-16X2" (12.9001)	2		2										
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)	2	2	2	2							2		
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)							2			2		2	2
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)											2		
	120393	# WASHER, 5/16" (12.9190)		2		2		3							
	103341	WASHER, 3/8" (12.9190)	4	2	4	2	2						4		
	106263	WASHER, 7/16" (12.9190)												1	
	103320	LOCKWASHER, 5/16" (12.9200)		2		2									
	103321	LOCKWASHER, 3/8" (12.9200)	4		4								4		
		# PRIOR TO 8D-3319, TYPE 172.													
		7.8215 - SEAL RING, AIR HEATER PUMP PLUNGER													
	5199460	+ SEAL RING	2	2	2	2									
		+ OBSOLETE.													
		7.8265 - SPRING, AIR HEATER PUMP													
	9022571	+ SPRING (CHECK VALVE)	2	2	2	2									
	5199459	+ SPRING (PLUNGER)	1	1	1	1									
		+ OBSOLETE.													
		7.8280 - VALVE, AIR HEATER PUMP-OUTLET													
	5145461	VALVE (CHECK OIL RELIEF)					1		1		1		1	1	1

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7.8000A AIR HEATER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 158	159	164	165	168	172	178	179	182	183	185	188	192
		7.8295 - VALVE ASSY., AIR HEATER PUMP SUPPLY SHUTOFF													
	5132525	VALVE, SOLENOID (24V.)	1	1	1	1	1	1	1		1		1	1	1
	5142776	# SPACER, VALVE					1	1							
	132911	SCREW, #10-32X5/8" (12.9025)	2	2	2	2			2		2		2	2	2
	132923	SCREW, #10-32X1" (12.9025)					2								
	116286	# SCREW, #10-32X1 1/8" (12.9025)					2	2							
	120391	# WASHER, #10 (12.9190)	2	2	2	2	2	2							
	120217	# LOCKWASHER, #10 (12.9200)	2	2	2	2	2	2	2		2		2	2	2
		# PRIOR TO 8D-3319, TYPE 172.													
		7.8300 - TUBE, AIR HEATER PUMP INLET													
	5132612	HOSE, FLEX. (#5X11"L.)	1		1										
	5132613	HOSE, FLEX. (5/16"X34.50"L.)		1		1									
	5113689	* HOSE, #6X20 L. (7.4699)									1			1	
	5132615	HOSE, #5X30" L.							1					1	
	8924214	TEE, 1/8" PIPE (7.4586)												1	
	5104778	TEE, 1/4"X1/4"X5/8" (7.4694)	1	1	1										
	105417	TEE, 1/4" PIPE (12.9616)									1				
	5113214	FITTING, 1/4"-18 HOSE (12.6689)									1				
	5114049	FITTING, 5/8"-18 (2.5010)									1			2	
	105405	NIPPLE, 1/4"X7/8" (12.9560)									1				
	8924215	ELBOW, 5/16" INV. FL. TUBE (1/4" P.T.) (12.9480)	1	1	1	1		1							
	8924153	ELBOW, 5/16" INV. FL. TUBE (1/8" P.T.) (12.9480)		1		1			1		1				1
	143338	ELBOW, 3/8" INV. FL. TUBE 45 DEG. X 1/4" PIPE (12.9480)									1				
	8924168	ELBOW, 90 DEG. STREET (1/4" P.T.) (12.9590)			1										
	5189294	FITTING, 1/2"-20 HOSE (SPECIAL) (5.7100)							1		1				
	8925609	CONNECTOR, 5/16" INV. FL. TUBE (12.9460)	1												
	9432266	CONNECTOR, 3/8" TUBE (12.9460)												1	
		* STD. LENGTH HOSE CUT TO LENGTH SHOWN.													
		7.8310 - TUBE, AIR HEATER INLET													
	5139965	TUBE (SOLENOID TO HEATER) (5.58" DEV. L.)					1								
	5143426	+ TUBE (JUMPER) (5.70" DEV. L.)						1							
	5132528	TUBE (TO VALVE) (6" DEV. L.)	1	1	1	1									
	5139867	TUBE (RESERVOIR TO VALVE) (16.36" DEV. L.)					1								
	5139846	TUBE (RESERVOIR SUPPLY) (16.58"L.)					1	1							
	5145565	TUBE ASSY. (HEATER TO VALVE) (7.8300)							1		1		1	1	1
	5132599	# HOSE (PUMP TO ACCUMULATOR) (25"L.) (2.5150)	1		1			1							
	5132614	HOSE (ACCUMULATOR TO VALVE) (21"L.) (7.8300)	1	1		1									
	5145666	HOSE (PUMP TO VALVE) (2"L.)					1		1		1		1	1	1
	5120970	* HOSE (CHECK VALVE TO HEATER) (8"L.)					1								
	5129867	% HOSE (CHECK VALVE TO HEATER) (28" L.) (7.4075)											1		
	5129867	% HOSE (CHECK VALVE TO HEATER) (22" L.) (7.4075)							1					1	1
	5143366	HOSE, 39.5" L. (CHECK VALVE TO JUNCTION BLOCK) (12.6845)													1
	5113686	@ HOSE (PUMP TO HEATER) (44"L.)						1							

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7.8000A AIR HEATER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 158	159	164	165	168	172	178	179	182	183	185	188	192
		7.8310 - TUBE, AIR HEATER INLET (CONT'D)													
	5129867	% HOSE, 1/4"X88" L. (VALVE OUTLET) (7.4075)									1				
	5199575	HOSE, BULK #6 HOSE (CUT L. 30") (12.8550)							1						
	5147883	HOSE, #5X52"L. (7.8300)									1		1		
	5199583	FITTING, #6 HOSE (1/2"-20 MALE INV. FL.) (STRAIGHT) (12.8552)							2						
	5147858	FITTING, SPECIAL									1				
	8925032	ELBOW, 1/4" INV. FL. TUBE (12.9480)	1		1	1	1		2		2		2	2	2
	8924153	ELBOW, 5/16" INV. FL. TUBE (12.9480)	3	1	1	1			2				2	2	3
	8924215	ELBOW, 5/16" INV. FL. TUBE (12.9480)	1	1	1										
	8924160	ELBOW, 5/16" INV. FL. TUBE 45 DEG. (12.9460)			1		1								
	8924144	# ELBOW, 5/16" INV. FL. TUBE 45 DEG. (12.9480)			1			1							
	224425	ELBOW, 5/16" TUBE (12.9480)					1								
	8924185	ELBOW, 5/16" SPEC. (.070" RESTRICTION) (2.5210)					1								
	8924182	# ELBOW, 5/16" SPEC. (.080" RESTRICTION) (2.4001)						1							
	5122900	ELBOW, 5/16" SPEC. (.055" RESTRICTION) (7.4596)						1							
	8924168	ELBOW, 90 DEG. STREET (1/4" P.T.) (12.9590)			1										
	5100136	ADAPTOR, 1/8" PIPE (12.9570)					1		2		2		2	2	2
	5133529	TEE, SPECIAL (4 WAY)	1	1	1	1									
	178996	TEE, 1/8" PIPE (12.9616)			1										
	5104778	# TEE, 1/4"X1/4"X5/8" SPL. (IN FILTER) (7.4694)	1	1	1		1	1							
	442347	TEE, 5/16" TUBE (12.9490)						1							
	8924142	BUSHING, 1/4"X1/8" RED. PIPE (12.9570)					1	1							
	5114048	CONNECTOR, 1/4" HOSE (2.5217)					1								
	5189294	# FITTING, 1/2"-20 HOSE (SPECIAL) (5.7100)						1	2		1		1	1	1
	8924169	CONNECTOR, 1/2" INV. FL. TUBE (12.9460)					1								
	8925609	# CONNECTOR, 5/16" INV. FL. TUBE (12.9460)	2	1	2	2		1							
	444285	# NIPPLE, 1/8"X31/32" PIPE (12.9560)	1	2	1	2	1	1							
	113175	PLUG, 1/8" PIPE (BRASS) (12.9550)			1										
		# PRIOR TO 8D-3319, TYPE 172.													
		* NOT SERVICED; USE 5129861 AND CUT TO SUIT INSTALLATION.													
		@ PRIOR TO 8D-3319, TYPE 172. NOT SERVICED; USE 5129867 AND CUT TO SUIT INSTALLATION.													
		% STD. LENGTH HOSE, CUT TO LENGTH SHOWN.													
		+ OBSOLETE.													
		7.8313 - TUBE, AIR HEATER FUEL RETURN													
	5140146	TUBE, 3" L. (1.1100)							1					1	
	173182	TEE, 5/16"X1/2"-20 INV. FL. TUBE, 3 WAY (12.9496)							1					1	
	137398	NUT, 1/2-20 (12.9500)							1					1	

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7.8000A AIR HEATER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 158	159	164	165	168	172	178	179	182	183	185	188	192
		7.8320 - CLIP, AIR HEATER INLET AND OUTLET TUBE													
	5169119	CLIP, 3/8" TUBE (2.5120)					1	1							
	140580	# CLIP, 3/8" TUBEX3/8" BOLT (12.9630)						2							
	140582	CLIP, 1/2" TUBEX3/8" BOLT (12.9630)	4	2	2	2			1		1		2	1	1
	5109020	# CLIP, 1/2" TUBEX3/8" BOLT (4.6040)						1			1				
	5153473	CLIP, 1/2" TUBE (4.6040)							2		1		2	2	2
	5188969	BRACKET, CLIP (4.1540)	1	1	1	1									
	181333	BOLT, 5/16"-24X5/8" (12.9001)	1	1		1									
	181596	BOLT, 5/16"-24X7/8" (12.9001)			1										
	179835	BOLT, 3/8"-16X5/8" (12.9001)	1												
	103341	WASHER, 3/8" (12.9190)	1												
	103320	LOCKWASHER, 5/16" (12.9200)	1	1	1	1									
	103321	LOCKWASHER, 3/8" (12.9200)	1												
	114493	LOCKNUT, 5/16"-24 (2.7170)	1	1	1	1									
		# PRIOR TO 8D-3319, TYPE 172.													
		7.8342 - GAGE, AIR HEATER PRESSURE													
	6462434	GAGE	1	1	1	1									
		7.8415 - ACCUMULATOR, AIR HEATER													
	5132524	@ ACCUMULATOR	1	1	1	1									
	5188036	# CLAMP, 3" DIA. HOSE (12.9660)	2	2	2	2									
	5137624	# HOSE, 2 1/2"X1" (SPLIT)	2	2	2	2									
		# PRIOR TO 8D-3319, TYPE 172. NOT SERVICED USE 5136037 AND CUT TO SUIT													
		@ OBSOLETE.													
		7.8420 - TUBE, BATTERY BOX HEATER													
	5143326	VALVE			1										

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7.8000A AIR HEATER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 191	TYPES 194
		7.8001 - HEATER ASSY., AIR		
		SEE ASSEMBLY BREAKDOWN PAGE A1.		
	5144367	HEATER ASSY.	1	1
	8924380	PLUG, 1/8"-27 W/SEAL (12.9550)	1	
	179816	BOLT, 5/16"-18X3/4" (12.9001)		1
	180078	BOLT, 5/16"-18X7/8" (12.9001)	2	1
	122022	BOLT, 5/16"-18X1 1/8" (12.9001)	1	1
	5155596	WASHER, 5/16" (4.7120)	3	3
		7.8020 - GASKET, AIR HEATER		
	5109496	GASKET	1	1
	5109517	SEAL RING, 1 3/4" DIA. (7.8040)	1	1
		7.8080 - COIL ASSY., AIR HEATER		
	5145768	COIL	1	1
		7.8090 - BRACKET, AIR HEATER COIL		
	5145427	BRACKET (PUMP) (LOWER) (7.8002)		1
	5145428	BRACKET (PUMP) (UPPER) (7.8002)		1
	8926597	SUPPORT, BRACKET		1
	179839	BOLT, 3/8"-16X1" (12.9001)		4
	454933	BOLT, 7/16"-14X1 1/8" (12.9001)		2
	5148932	BOLT, 7/16"-14X3 3/4" L. (NYLOC)		1
	103341	WASHER, 3/8" (12.9190)		4
	103342	WASHER, 7/16" (12.9190)		2
	106263	WASHER, 7/16" (12.9190)		1
	103321	LOCKWASHER, 3/8" (12.9200)		4
	103322	LOCKWASHER, 7/16" (12.9200)		2
	5120186	NUT, 3/8"-16 (11.1001)		4
		7.8095 - HARNESS, AIR HEATER WIRING		
	5145560	HARNESS		1
		7.8110 - LEAP, AIR HEATER COIL HIGH TENSION		
		A WIRE ASSY. INCLUDES ITEMS IN 7.8110.		
	5142056	WIRE ASSY.	1	1
	5143761	CLIP (TERMINAL)	1	1
	5145429	CLIP, 7/8"X3/8" BOLT (7.8320)		1
	5101020	STRAP, HOSE (2.5255)	3	
	5142470	TUBING, POLY SPIRAL (7.7020)		2
	5197283	GLAND	1	1
	5197282	COLLAR	1	1
	5197281	NUT, 3/4"-18	1	1
		7.8200 - PUMP ASSY., AIR HEATER		
	5107619	+ PUMP ASSY., ELECTRIC (12 VOLT) (INCLUDES VANE IN 7.8200)		1
	5137624	HOSE, 2 1/2"X1" SPLIT	2	
	8921167	VANE, AIR PUMP (CARBON)		3
		+ NOT SERVICED. USE 5142748.		

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7.8000A AIR HEATER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 1 9 3	1 9 4
		7.8203 - BRACKET, AIR HEATER PUMP AND VALVE		
	5132519	BRACKET (VALVE)	1	1
	5145223	CUSHION, MOUNTING	2	2
	5102568	CLAMP	2	
	179848	BOLT, 3/8"-16X2 1/4" (12.9001)	2	
	427588	BOLT, 3/8"-16X2 1/2" (12.9001)		2
	186282	BOLT, 3/8"-16X3 1/4" (12.9001)	2	
	103341	WASHER, 3/8" (12.9190)	4	2
	103321	LOCKWASHER, 3/8" (12.9200)	2	
		7.8280 - VALVE, AIR HEATER PUMP-OUTLET		
	5145461	VALVE (CHECK OIL RELIEF)	1	1
		7.8295 - VALVE ASSY., AIR HEATER PUMP SUPPLY SHUTOFF		
	5132525	VALVE, SOLENOID (24V.)	1	1
	132911	SCREW, #10-32X5/8" (12.9025)	2	2
	120217	LOCKWASHER, #10 (12.9200)	2	2
		7.8300 - TUBE, AIR HEATER PUMP INLET		
	5113689	* HOSE, #6X20" L. (7.4699)		1
	105417	TEE, 1/4" PIPE (12.9616)		1
	5113214	FITTING, 1/4"-18 HOSE (12.6689)		1
	5114049	FITTING, 5/8"-18 (2.5010)		1
	105405	NIPPLE, 1/4"X7/8" (12.9560)		1
	8924153	ELBOW, 5/16" INV. FL. TUBE (1/8" P.T.) (12.9480)		1
	8924161	ELBOW, 45 DEG. 3/8" INV. FL. TUBE (12.9480)		1
	5189294	FITTING, 1/2"-20 HOSE (SPECIAL) (5.7100)		1
		* STD. LENGTH HOSE CUT TO LENGTH SHOWN.		
		7.8310 - TUBE, AIR HEATER INLET		
	5145565	TUBE ASSY. (HEATER TO VALVE) (7.8300)	1	1
	5145666	HOSE (PUMP TO VALVE) (2" L.)	1	1
	5129867	* HOSE (CHECK VALVE TO HEATER) (28" L.) (7.4075)	1	1
	5147883	HOSE, #5X52" L. (7.8300)	1	1
	5147858	FITTING, SPECIAL	1	1
	8925032	ELBOW, 1/4" INV. FL. TUBE (12.9480)	2	2
	8924153	ELBOW, 5/16" INV. FL. TUBE (12.9480)	3	2
	5100136	ADAPTOR, 1/8" PIPE (12.9570)	2	2
	5189294	FITTING, 1/2"-20 HOSE (SPECIAL) (5.7100)	2	1
		* STD. LENGTH HOSE, CUT TO LENGTH SHOWN.		

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7.8000A AIR HEATER

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 1 9 3	TYPES 1 9 4
	7.8320	**- CLIP, AIR HEATER INLET AND OUTLET TUBE**		
	140582	CLIP, 1/2" TUBE X 3/8" BOLT (12.9630)	4	4

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7.8000A AIR HEATER

FIG	PART NUMBER	NAME AND DESCRIPTION	COLUMN A	COLUMN B	COLUMN C
		7.8001 - HEATER ASSY., AIR			
	5109495	HEATER ASSY.	1		
	5146015	HEATER ASSY.		1	
	5144367	HEATER ASSY.			1
		7.8010 - PLUG, AIR HEATER			
	8924380	PLUG, 1/8" (12.9550)		1	
	9421741	PLUG, 1/4" CUP (12.9320)			1
	9421740	PLUG, 3/16" CUP (12.9320)			1
	5142302	PLUG, RESTRICTION (7.4596)			1
	456655	PLUG, 1/4" INV. FLD. TUBE (12.9465)	1		
		7.8030 - BODY, AIR HEATER			
	5139563	BODY		1	
	5109674	BODY ASSY. (INCLUDES ELECTRODE)	1		
	5144325	BODY ASSY. (INCLUDES ELECTRODE)			1
	5228369	CAP, FILTER ELEMENT (2.1130)	1		
	5228373	ELEMENT, FILTER (2.1110)	1		
		7.8050 - NOZZLE, AIR HEATER SPRAY			
	5232195	NOZZLE	1		
	5232519	NOZZLE		1	
	5232650	NOZZLE			1
	5108353	GASKET	1		
		7.8120 - ELECTRODE, AIR HEATER			
	5613086	ELECTRODE (PKG.) (7.8130)		1	
	5611416 #	ELECTRODE			1
		# PRIOR TO 8D-3319, TYPE 172.			
		7.8130 - INSULATOR, AIR HEATER			
	5613134	INSULATOR ASSY.	1		
		7.8140 - GASKET, AIR HEATER INSULATOR			
	5122839	GASKET (COPPER)	2		
		7.8150 - NUT, AIR HEATER INSULATOR			
	5133485	NUT, 5/8"-18	1		

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GROUP NOMENCLATURE

1.0000 ENGINE (less major subassemblies)
- 1.1000 Cylinder Block
- 1.1000A Air Box Drain
- 1.2000 Cylinder Head
- 1.2000A Engine Lifter Brackets
- 1.3000 Crankshaft, Oil Seals and Mainbearings
- 1.3000A Crankshaft Front Cover
- 1.3000B Vibration Damper
- 1.3000C Crankshaft Pulley
- 1.3000D Crankshaft Pulley Belt
- 1.4000A Flywheel
- 1.5000A Flywheel Housing
- 1.5000B Flywheel Housing Adapter
- 1.6000 Connecting Rod and Piston
- 1.7000 Camshaft and Gear Train
- 1.7000A Balance Weight Cover
- 1.7000B Accessory Drive
- 1.8000 Valve Injector Operating Mechanism
- 1.8000A Rocker Cover

2.0000 FUEL SYSTEM
- 2.1000A Fuel Injector
- 2.1000B Electronic Injector Controls
- 2.2000 Fuel Pump
- 2.2000A Fuel Pump Drive
- 2.3000A Fuel Filter and Strainer
- 2.3000A Fuel Filter and Strainer (Twin and Quad)
- 2.4000 Fuel Manifold and/or Connections
- 2.4000A Dual Fuel System
- 2.5000A Fuel Lines and Fuel Cooler
- 2.5000A Fuel Lines and Fuel Cooler (Twin and Quad)
- 2.6000A Fuel Tank
- 2.6000B Heater, Governor
- 2.7000A Mechanical Governor
- 2.8000A Hydraulic Governor
- 2.9000 Injector Controls
- 2.9000 Injector Controls (Twin and Quad)
- 2.9000A Throttle Controls
- 2.9000A Throttle Controls (Twin and Quad)

3.0000 AIR SYSTEM
- 3.1000A Air Cleaner and/or Adapter
- 3.2000A Air Silencer
- 3.3000A Air Inlet Housing
- 3.3000C Air Intake Manifold
- 3.4000 Blower and Drive
- 3.4000A Blower Drive Shaft
- 3.4000B Blower End Plate Cover
- 3.5000A Turbocharger, Intercooler and Aftercooler

4.0000 LUBRICATING SYSTEM
- 4.1000A Oil Pump
- 4.1000B Oil Distribution System
- 4.1000C Oil Pressure Regulator
- 4.3000A Oil Filter
- 4.3000A Oil Filter Lines
- 4.4000A Oil Cooler and Marine Gear Flow
- 4.5000A Oil Filler
- 4.6000A Dipstick
- 4.7000A Oil Pan
- 4.8000A Ventilating System

5.0000 COOLING SYSTEM
- 5.1000 Fresh Water Pump
- 5.1000A Fresh Water Pump Cover
- 5.2000A Water Outlet Manifold and/or Header
- 5.2000B Thermostat
- 5.2000C Water Bypass Tube
- 5.3000A Radiator

5.0000 COOLING SYSTEM (CONT'D)
- 5.3000B Water Connections
- 5.4000A Fan
- 5.4000B Fan Shroud
- 5.5000A Heat Exchanger or Keel Cooling
- 5.6000A Raw Water Pump
- 5.7000A Water Filter

6.0000 EXHAUST SYSTEM
- 6.1000A Exhaust Manifold and/or Connections
- 6.2000A Exhaust Muffler and/or Connections

7.0000 ELECTRICAL INSTRUMENTS
- 7.1000A Battery Charging Generator
- 7.2000A Battery Cables
- 7.2000B Automatic Starting
- 7.2000B Automatic Starting (Twin and Quad)
- 7.3000A Starting Motor
- 7.4000A Instruments
- 7.4000A Instruments (Twin and Quad)
- 7.4000B Tachometer Drive
- 7.4000B Tachometer Drive (Twin and Quad)
- 7.4000C Shutoff, Alarm and O.S. Governor
- 7.4000C Shutoff, Alarm and O.S. Governor (Twin and Quad)
- 7.5000A Power Generator
- 7.6000A Control Cabinet
- 7.6000A Control Cabinet (Twin and Quad)
- 7.7000A Wiring Harness
- 7.8000A Air Heater
- 7.8000A Air Heater (Twin and Quad)
- 7.10000A Hydraulic Governor Solenoid

8.0000 POWER TAKE-OFF
- **8.1000A Power Take-off and/or Clutch**
- **8.1000A Power Take-off and/or Clutch (Twin and Quad)**
- **8.3000A Torque Converter**
- **8.3000A Torque Converter (Twin and Quad)**
- **8.3000B Transmission Lines**

9.0000 TRANSMISSION AND PROPULSION
- 9.1000A Hydraulic Marine Gear
- 9.1000A Hydraulic Marine Gear (Twin and Quad)
- 9.2000A Reverse and Reduction Gear (mechanical)
- 9.3000A Power Transfer Gear
- 9.3000A Power Transfer Gear (Twin and Quad)
- 9.4000 Transmission—Highway
- 9.7000 Transmission—Off-highway
- 9.9000 Transmission—Rail Car

10.0000 SHEET METAL
- 10.1000A Engine Hood

11.0000 ENGINE MOUNTING
- 11.1000A Engine Mounting and Base
- 11.1000A Engine Mounting and Base (Twin and Quad)

12.0000 MISCELLANEOUS
- 12.1000A Bilge Pump
- 12.3000A Vacuum Pump
- 12.4000A Air Compressor
- 12.5000A Hydraulic Pump
- 12.6000A Gasoline Starter
- 12.6000B Air Starter
- 12.6000C Cold Weather Starting Aid
- 12.6000D Hydraulic Starter
- 12.6000E Hydraulic Starter Accessories
- 12.8000A Supplies
- 12.8000B Fabrication Material
- 12.8000C Miscellaneous Service Kits and Sets
- 12.8000D Miscellaneous Service Parts

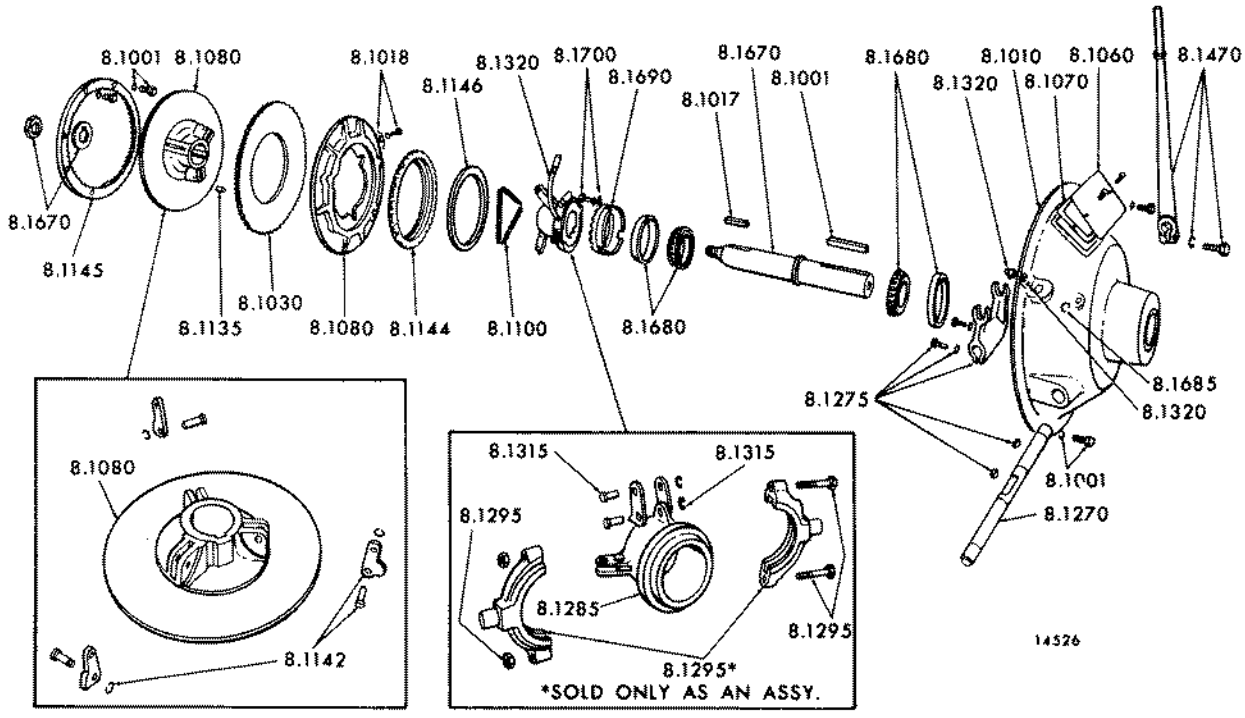

FIG. 1A POWER TAKE-OFF

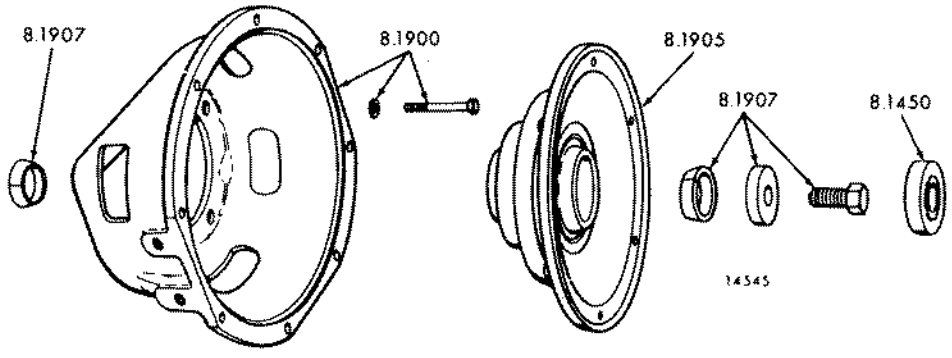

FIG. 1B FRONT POWER TAKE-OFF ADAPTOR

Figs. 1A & 1B of 8.0000

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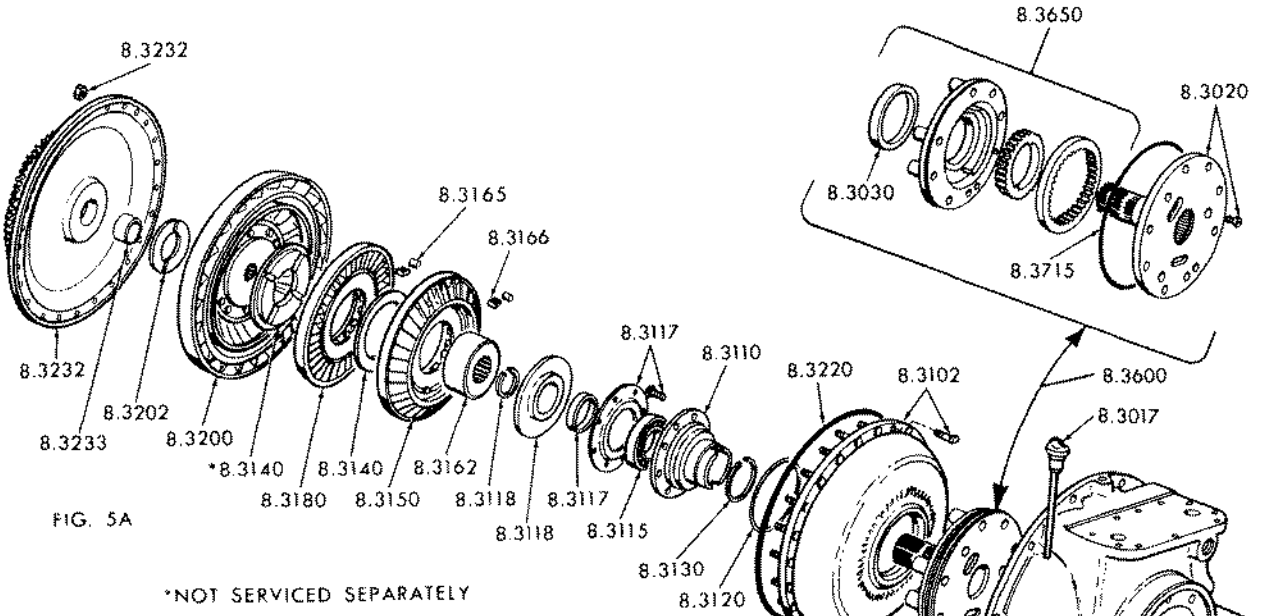

FIG. 5A

*NOT SERVICED SEPARATELY

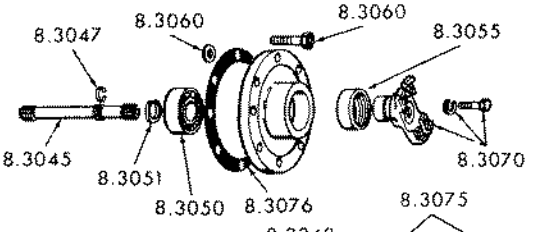

FIG. 5B

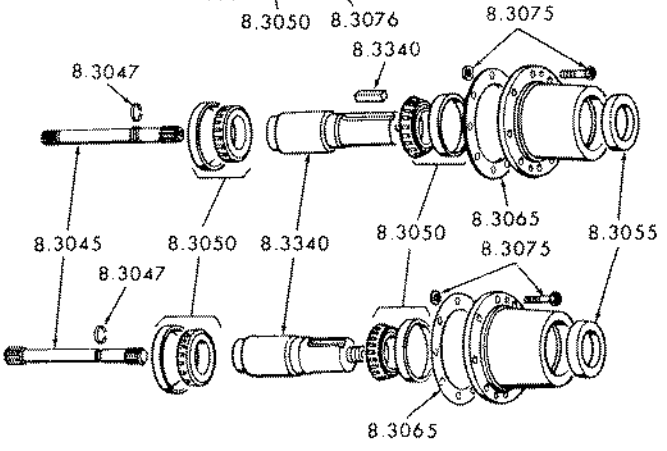

FIG. 5C

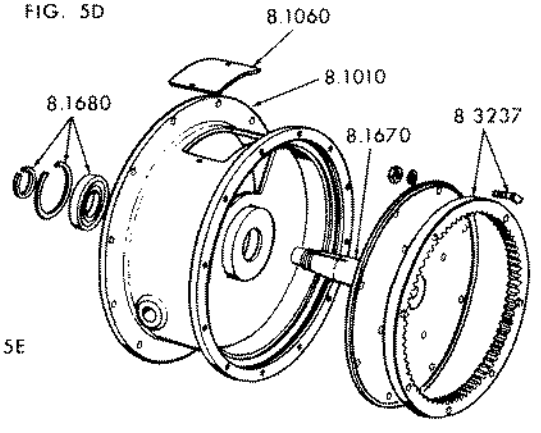

FIG. 5D

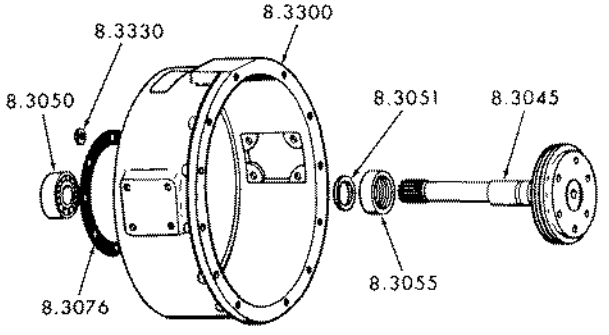

FIG. 5E

14578

SERIES 300 TORQUE CONVERTER AND SHAFTS

Figs. 5A, 5B, 5C, 5D & 5E of 8.0000

OCT., 1978

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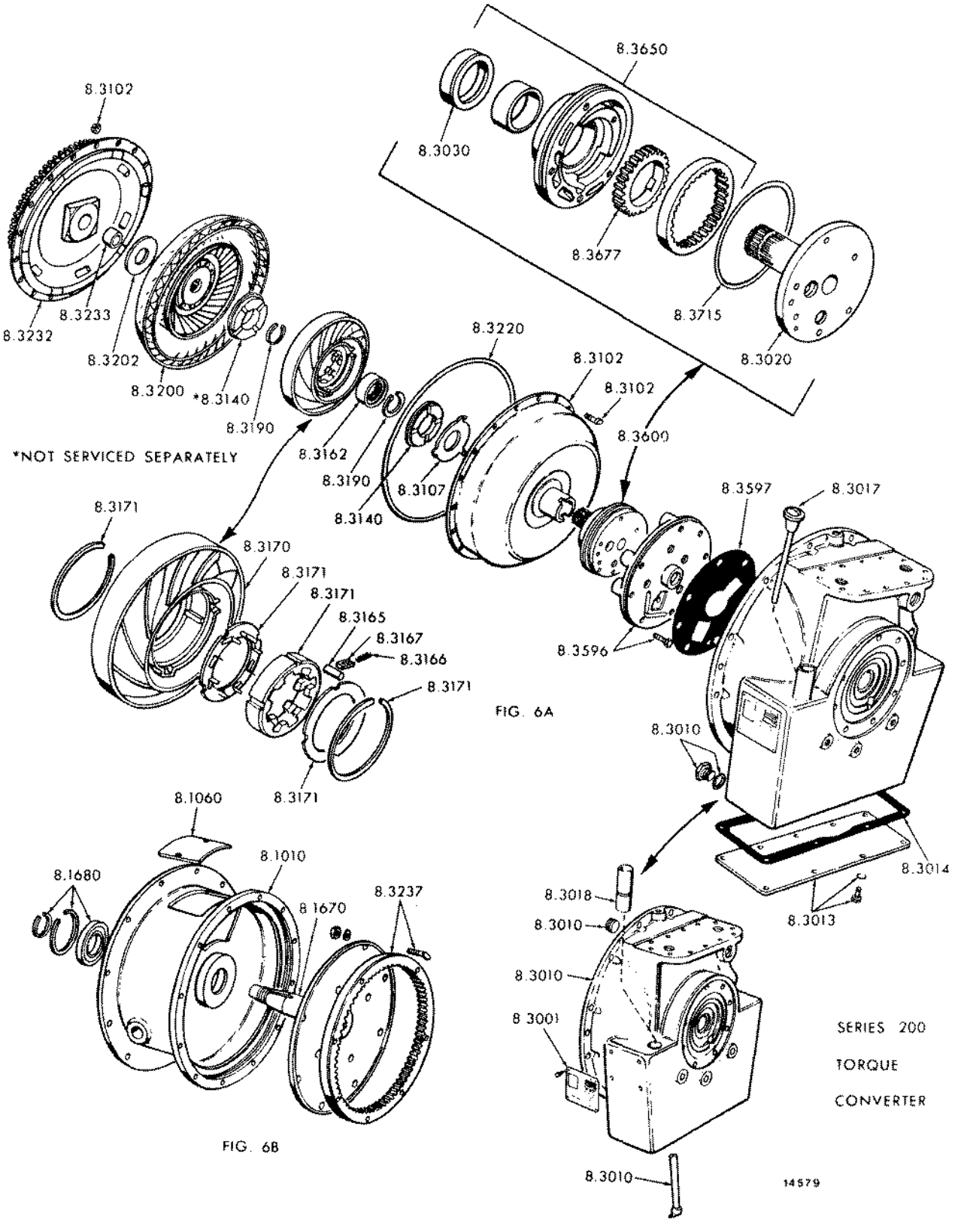

SERIES 200 TORQUE CONVERTER

Figs. 6A & 6B of 8.0000

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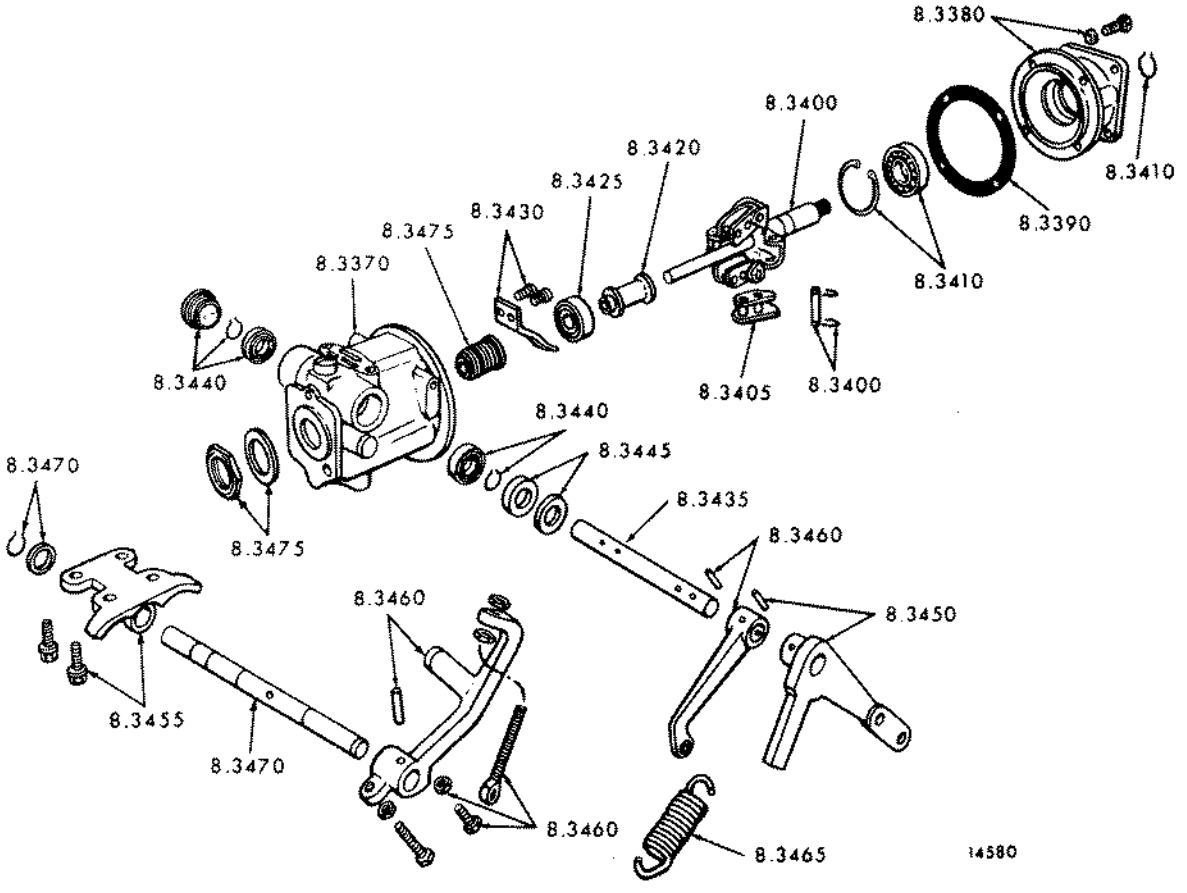

FIG. 7A TORQUE CONVERTER OUTPUT SHAFT GOVERNOR

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8.1000A POWER TAKE-OFF AND/OR CLUTCH

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 180	181	187	204	208	214	220	221	228	230	255	270	271
		8.1001 - POWER TAKE-OFF ASSY.													
		INCLUDES KEY IN 8.1001 AND ITEMS IN 8.1010 THRU 8.1700 EXCEPT 8.1450.													
	NPN	POWER TAKE-OFF ASSY. (CUSTOMER FURNISHED)				1		1	1		1		1	1	1
	5116493	% POWER TAKE-OFF ASSY. (SAE #4)	1												
	5147643	POWER TAKE-OFF ASSY. (SAE #4)	1												
	5119174	@ POWER TAKE-OFF ASSY. (SAE #5)		1											
	5132205	& POWER TAKE-OFF ASSY. (SAE #5)		1								1			
	5124846	= POWER TAKE-OFF ASSY. (SAE #4) (PTA-465-X1)			1										
	5127242	POWER TAKE-OFF ASSY. (SAE #3)					1								
	5128701	POWER TAKE-OFF ASSY. (SAE #2)								1					
1A	5196448	KEY (1/2" SQ. X 4 7/8"L.)		1								1			
1A	5192162	KEY (5/8" SQ. X 4 1/4"L.)	1												
1A	5192156	KEY (5/8" SQ. X 5 1/4"L.)								1					
1A	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	12				12								
1A	186622	BOLT, 3/8"-16X1 1/4" (12.9001)			12					12					
	179844	BOLT, 3/8"-16X1 5/8" (12.9001)		8								8			
1A	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR	AR		AR			AR		AR			
	102635	NUT, 3/8"-16 (12.9120)		8								8			
		% NOT SERVICED, COMPONENTS ARE AVAIL. FOR COMPLETE REPLACEMENT USE SECOND ASSY. SHOWN IN SAME TYPE.													
		@ THRU 3D-8736, 4D-11276.													
		& EFF. WITH 3D-8737, 4D-11277.													
		= NOT SERVICED. COMPONENTS ARE AVAIL. FOR COMPLETE REPLACEMENT CONTACT ROCKFORD CLUTCH DIV. OF BORG-WARNER CORP., FURNISHING THEIR ASSY. NUMBER WHICH APPEARS IN PARENTHESES.													
		8.1010 - HOUSING, CLUTCH													
	NPN	HOUSING (CUSTOMER FURNISHED)												1	1
1A	5196460	HOUSING (SAE #4)	1												
1A	5196868	HOUSING (SAE #5)		1								1			
1A	5196586	HOUSING (SAE #4)			1										
	5125651	HOUSING (AUTOMOTIVE)				1					1				
1A	5197244	HOUSING (SAE #3)					1								
	6756627	+ HOUSING (SAE #3)						1					1		
	5124383	HOUSING (AUTOMOTIVE)							1						
1A	5196454	HOUSING (SAE #2)								1					
	5125650	PAN, CLUTCH HOUSING				1					1				
	5100009	PAN, CLUTCH HOUSING							1						
	5120494	STUD, 3/8"-16X1.95"				3					3				
	5150362	STUD, 3/8"-16X1 5/8" (5.2020)							3						
	179812	BOLT, 5/16"-18X1/2" (12.9001)				4			4		4				
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)						12							
	455537	BOLT, 3/8"-16X4" (12.9001)				6			6		6				

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8.1000A POWER TAKE-OFF AND/OR CLUTCH

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 180	181	187	204	208	214	220	221	228	230	255	270	271
		8.1010 - HOUSING, CLUTCH (CONT'D)													
	103320	LOCKWASHER, 5/16" (12.9200)				4			4		4				
	103321	LOCKWASHER, 3/8" (12.9200)				9		AR	AR		9				
	117049	NUT, 3/8"-24 (12.9120)				3			3		3				
		+ PART OF TORQUE CONVERTER ASSY. 8.3000A TYPE 359.													
		8.1017 - CLUTCH ASSY.													
		A CLUTCH ASSY. INCLUDES ITEMS IN 8.1030, 8.1080, 8.1100, 8.1135, 8.1142, 8.1144, 8.1145, 8.1285, 8.1295 AND 8.1315.													
	NPN	CLUTCH ASSY. (CUSTOMER FURNISHED)				1					1				1
	5196457	CLUTCH ASSY. (10" CLUTCH)	1												
	5197886	CLUTCH ASSY. (8" CLUTCH)		1								1			
	5196591	CLUTCH ASSY. (6 1/2" CLUTCH)			1										
	5197243	CLUTCH ASSY. (11 1/2" CLUTCH)					1								
	5194365	CLUTCH ASSY. (10" CLUTCH)						1					1	1	
	5196452	CLUTCH ASSY. (11 1/2" CLUTCH)								1					
A	5196449	KEY (1/4" SQ. X 1 3/4"L.)		1	1							1			
A	5192489	KEY (1/4" SQ. X 2"L.)						1					1	1	
A	5193449	KEY (3/8"X1/2"X1 7/8"L.)	1												
A	6769080	KEY (3/8" SQ. X 2 1/2"L.)					1								
A	5197229	KEY (1/2" SQ. X 3 1/4"L.)								1					
		8.1018 - RING, CLUTCH DRIVING													
A	5196740	RING (6 1/2")			1										
A	5192358	RING (8")		1								1			
A	5192180	RING (10")	1					1					1	1	
A	5192163	RING (11 1/2") (7/8" WIDE)					1								
A	5194954	RING (11 1/2") (1 7/8" WIDE)								1					
	186624	BOLT, 5/16"-18X1 1/2" (12.9001)			8										
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)		6											
	9409231	BOLT, 3/8"-16X1 1/2" LOCK (TO FLYWHEEL) (12.9001)					8	8					8	8	
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)	8												
	179850	BOLT, 3/8"-16X2 3/4" (TO FLYWHEEL) (12.9001)								8					
	103320	LOCKWASHER, 5/16" (12.9200)			8										
	103321	LOCKWASHER, 3/8" (12.9200)	AR	AR						AR					
		8.1020 - PLATE, CLUTCH DRIVEN													
	3862220	@ PLATE, CLUTCH DRIVEN									1				
		@ PROCURE FROM CHEVROLET.													

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8.1000A POWER TAKE-OFF AND/OR CLUTCH

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 180	181	187	204	208	214	220	221	228	230	255	270	271
		8.1030 - FACING, CLUTCH													
1A	5192182	FACING (3 SEGMENTS)	1					1					1	1	
1A	5193426	# FACING (3 SEGMENTS)		1											
1A	5197890	FACING (SINGLE PLATE)		1								1			
1A	5196593	FACING (3 SEGMENTS)			1										
1A	5197884	FACING (SINGLE PLATE)					1			2					
		# NOT SERVICED, FOR REPLACEMENT USE 5197890.													
		8.1060 - COVER, CLUTCH HOUSING INSPECTION HOLE													
1A	5199882	COVER	1	1	1					1		1			
	3835200	* COVER				1									
1A	5191302	COVER					1								
	6756618	COVER						1							
1A	113954	SCREW, 1/4"-20X3/8" RD. HD. SL. (12.9001)		2	2							2			
	120628	* SCREW, 1/4"-20X1/2" RD. HD. SL. (12.9001)				2	2								
	9421917	SCREW AND LOCKWASHER ASSY. (12.9025)						2							
		* EARLY UNITS.													
		8.1070 - GASKET, CLUTCH HOUSING INSPECTION HOLE COVER													
1A	5192415	GASKET	1	1	1					1		1			
1A	5191303	GASKET					1								
		8.1080 - PLATE, CLUTCH PRESSURE													
1A	5194143	PLATE (OUTER)	1												
1A	5194294	PLATE (INNER) (INCLUDES LOCK)	1					1					1	1	
1A	5196451	* PLATE (OUTER)		1								1			
1A	5193415	PLATE (INNER)		1								1			
1A	5196592	PLATE (OUTER)			1										
1A	5196594	PLATE (INNER)			1										
1A	5197248	PLATE (OUTER)					1								
1A	5197250	PLATE (INNER)					1								
1A	5193258	PLATE (OUTER)						1					1	1	
1A	5194290	PLATE (INNER)								1					
	5194951	PLATE (CENTER)								1					
1A	5197112	PLATE (OUTER)								1					
	3758681	@ PLATE ASSY.									1				
	838653	BOLT, 3/8"-16X1"									6				
	103321	LOCKWASHER, 3/8" (12.9200)									6				
		* USE WITH 3 SPRING DESIGN CLUTCH ONLY.													

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8.1000A POWER TAKE-OFF AND/OR CLUTCH

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 180	181	187	204	208	214	220	221	228	230	255	270	271
		8.1080 - PLATE, CLUTCH PRESSURE (CONT'D)													
		@ PROCURE FROM CHEVROLET.													
		8.1100 - SPRING, CLUTCH TOGGLE LEVER													
1A	5194138	SPRING	1					1		1			1	1	
1A	5194139	SPRING		1								1			
1A	5196599	SPRING			1										
1A	5191308	SPRING					1								
		8.1135 - SPRING, CLUTCH PRESSURE PLATE RETURN													
1A	5193431	SPRING (COIL)	3					3					3	3	
1A	5193414	SPRING (COIL)		3	3							3			
1A	9024370	SPRING					6								
1A	5194952	SPRING (COIL)								3					
		8.1142 - LEVER, CLUTCH RELEASE YOKE													
1A	5194140	LEVER	3	3				3		3		3	3	3	
1A	5197252	LEVER					3								
1A	5193422	PIN	3	3				3		3		3	3	3	
1A	5192175	PIN			3										
	455346	PIN, SPRING (RETAINER) (8.3450)					3								
1A	5196918	PIN					3								
1A	5194953	PIN, 5/16"X1 1/2" SPRING (12.9300)								3					
1A	5192142	RING, RETAINING	3	3				3		3		3	3	3	
1A	5192176	RING, RETAINING			1										
		8.1144 - NUT, CLUTCH ADJUSTING													
1A	5196871	NUT (5 1/4"-16 THD.)			1										
1A	5197889	NUT (6 5/8"-16 THD.)		1								1			
1A	5193424	@ NUT (6 5/8"-16 THD.)		1											
1A	5197883	NUT (7 1/2"-16 THD.)	1					1		1			1	1	
1A	5193430	# NUT (7 1/2"-16 THD.)	1					1		1					
1A	5197249	NUT					1								
	5197882	PLATE, WEAR	1					1		1			1	1	
	5197888	PLATE, WEAR		1								1			

@ NOT SERVICED, FOR REPLACEMENT USE 1-5197888 AND 1-5197889.

NOT SERVICED, FOR REPLACEMENT USE 1-5197882 AND 1-5197883.

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8.1000A POWER TAKE-OFF AND/OR CLUTCH

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 180	181	187	204	208	214	220	221	228	230	255	270	271
		8.1145 - LOCK, CLUTCH ADJUSTING NUT													
1A	5196867	LOCK	1					1		1			1	1	
1A	5196866	LOCK		1	1							1			
1A	5197251	LOCK					1								
1A	179789	BOLT, 1/4"-20X3/8" (12.9001)	1	1				1		1		1	1	1	
1A	114604	LOCKWASHER, 1/4" EXT. TOOTH (12.9210)	1	1				1		1		1	1	1	
		8.1270 - SHAFT, CLUTCH RELEASED													
1A	5193626	SHAFT	1												
1A	5194241	SHAFT		1								1			
1A	5196587	SHAFT			1										
1A	5191656	SHAFT					1								
1A	5194244	SHAFT						1					1	1	
1A	5192251	SHAFT								1					
	145692	FITTING, 1/4" LUBE (12.9540)	2	2	2					2		2			
	5190957	FITTING, 1/2" LUBE	1												
	191758	FITTING, 1/8" LUBE (12.9540)						1							
		8.1275 - YOKE, CLUTCH RELEASE													
		A YOKE ASSY. INCLUDES BOLT AND LOCKWASHER IN 8.1275.													
1A	5192150	YOKE ASSY.	1												
1A	5193254	YOKE ASSY.		1				1				1	1	1	
1A	5193255	YOKE ASSY.			1										
1A	5191655	YOKE ASSY.					1								
1A	5197111	YOKE ASSY.								1					
1A	186622	BOLT, 3/8"-16X1 1/4" (12.9001)	2	2	2			2		2		2	2	2	
1A	9046485	BOLT, 3/8"-16X1 1/2" (12.9001)					2								
1A	103321	LOCKWASHER, 3/8" (12.9200)	2	2	2			2		2		2	2	2	
1A	111328	LOCKWASHER, 3/8" INT. TOOTH (12.9220)					2								
1A	113782	KEY, 1/4"X1" WOODRUFF (12.9350)	2	2	2			2		2		2	2	2	
1A	9046481	KEY (12.9350)					2								
		8.1280 - FORK, CLUTCH RELEASE													
	3765372	FORK									1				
	3725240	STUD									1				
	3765360	BOOT									1				
		8.1285 - SLEEVE, CLUTCH RELEASE													
1A	5193432	SLEEVE	1												
1A	5196453	SLEEVE		1								1			
1A	5196596	SLEEVE			1										
1A	5197254	SLEEVE					1								
1A	5193259	SLEEVE						1					1	1	
1A	5197113	SLEEVE								1					

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8.1000A POWER TAKE-OFF AND/OR CLUTCH

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 180	181	187	204	208	214	220	221	228	230	255	270	271
		8.1290 - BEARING, CLUTCH RELEASE													
	905263	BEARING (N.D. Z993609X1C)			1										
	5196598	SNAP RING, BEARING (3 1/16" O.D.)			1										
	5193270	SNAP RING, BEARING (2" O.D.)			1										
		8.1295 - COLLAR, CLUTCH RELEASE													
		A COLLAR ASSY. INCLUDES ITEMS IN 8.1295.													
1A	5196716	COLLAR ASSY.	1												
1A	5191674	COLLAR ASSY.					1								
	5196597	COLLAR			1										
1A	5196718	BEARING ASSY.		1								1			
1A	5196719	BEARING ASSY.						1					1	1	
1A	5197114	BEARING ASSY.								1					
	5191675	SHIM					2								
1A	9409023	BOLT, 5/16"-24X1 3/4" (12.9001)			2			2				2	2	2	
1A	100018	BOLT, 5/16"-24X2" (12.9001)	2												
1A	106288	BOLT, 3/8"-24X2 1/4" (12.9001)					2			2					
1A	214279	NUT, 5/16"-24 ELASTIC STOP (12.9120)	2	2				2				2	2	2	
1A	8032717	NUT, 3/8"-24 ELASTIC (12.9120)								2					
1A	103026	NUT, 3/8"-24 (12.9120)					2								
		8.1315 - LINK, CLUTCH RELEASE YOKE													
1A	5193421	LINK	6	6				6		6		6	6	6	
1A	5196601	LINK			6										
1A	5191671	LINK					6								
1A	5193420	PIN (5/16"X11/16") CLEVIS	6	6				6		6		6	6	6	
1A	5196870	PIN (1/4"X11/16") CLEVIS			6										
1A	103495	PIN, 5/16"X31/32" CLEVIS (12.9260)					6								
	103362	PIN, 1/16"X3/4" COTTER (12.9250)					6								
1A	5192176	RING, RETAINING	6	6				6		6		6	6	6	
1A	5192372	RING, RETAINING			6										
		8.1318 - COVER, CLUTCH RELEASE YOKE LUBRICATION													
	5193621	COVER	1												
	132830	SCREW ASSY. (SOLENOID) (12.9025)	2												
		8.1320 - HOSE, CLUTCH RELEASE BEARING													
1A	5190583	HOSE ASSY. (3/16"I.D.X15"L.)					1								
1A	5192296	HOSE ASSY.						1					1	1	
1A	5192295	HOSE ASSY.								1					

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FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 180	181	187	204	208	214	220	221	228	230	255	270	271
		8.1320 - HOSE, CLUTCH RELEASE BEARING (CONT'D)													
1A	273347	FITTING, 1/8" LUBE (12.9540)	1	1											
1A	191758	FITTING, 1/8" LUBE (12.9540)					1			2			1	1	
	111649	LOCKWASHER, 5/8" INT. TOOTH (12.9200)					1								
1A	122366	NUT, 5/8"-18 THIN (12.9120)					1	1		1			1	1	
		8.1450 - BEARING, CLUTCH PILOT													
		FOR CLUTCH PILOT BEARINGS NOT LISTED HERE, REFER TO GROUP 1.4040.													
	906986	BEARING (N.D. 7506LR1C) (1.4040)	1												
	907302	BEARING (N.D. Z99605X1978) (1.4040)		1						1					
	907303	BEARING (N.D. Z99604L1C) (1.4040)			1										
	5197246	+ BEARING					1								
	5197247	SPACER					1								
		+ OBSOLETE.													
		8.1455 - FITTING, CLUTCH PILOT BEARING GREASE													
	191758	FITTING, 1/8" LUBE (12.9540)	1	1											
	273349	FITTING, 1/4" LUBE (12.9540)					1								
		8.1470 - LEVER, CLUTCH HAND CONTROL													
		A LEVER ASSY. INCLUDES BOLT AND LOCKWASHER IN 8.1470.													
1A	5193627	LEVER ASSY.	1	1	1							1			
1A	5191326	LEVER ASSY.					1								
1A	3290211	LEVER ASSY.						1		1			1	1	
1A	186628	BOLT, 3/8"-16X1 1/2" (12.9001)	1	1	1					1		1	1	1	
1A	186646	BOLT, 1/2"-13X1 3/4" (12.9001)					1	1							
1A	103321	LOCKWASHER, 3/8" (12.9200)	1	1	1					1		1	1	1	
1A	103323	LOCKWASHER, 1/2" (12.9200)					1	1							
		8.1670 - SHAFT, CLUTCH DRIVE													
1A	5192160	* SHAFT	1												
1A	5196459	@ SHAFT	1												
1A	5196446	SHAFT		1								1			

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8.1000A POWER TAKE-OFF AND/OR CLUTCH

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 180	181	187	204	208	214	220	221	228	230	255	270	271
		8.1670 - SHAFT, CLUTCH DRIVE (CONT'D)													
1A	5196587	# SHAFT (#PT-805-6)			1										
1A	5191651	SHAFT					1								
1A	5196455	SHAFT								1					
1A	6772328	SHAFT ASSY.						1							
1A	5192154	LOCKWASHER	1												
1A	5192491	LOCKWASHER		1	1							1			
1A	5190462	LOCKWASHER					1								
1A	5197559	LOCKWASHER								1					
	5194671	LOCKWASHER						1					1	1	
1A	5192153	NUT	1					1					1	1	
1A	5192490	NUT		1	1							1			
1A	5191320	NUT					1								
1A	5197558	NUT								1					
		* PART OF ASSY. 5147643.													
		@ PART OF ASSY. 5116493.													
		# NOT SERVICED. FOR REPLACEMENT CONTACT ROCKFORD CLUTCH DIVISION OF BORG-WARNER CORP., FURNISHING THEIR PART NUMBER WHICH APPEARS IN PARENTHESES.													
		8.1680 - BEARING, CLUTCH DRIVE SHAFT													
	901785	BEARING (N.D. 99607X1B)			1										
	954551	BEARING (N.D. 99509XR1B)						1							
1A	443749	BEARING	2												
1A	444263	BEARING					2								
	453812	BEARING ASSY.								2					
1A	432777	CUP, BEARING		2								2			
1A	443858	CONE, BEARING		2								2			
	5196598	RING, SNAP (1 1/2"O.D.)			1										
	5196590	RING, SNAP (3 1/4"O.D.)			1										
	6753487	RING, SNAP (3.47"O.D.)						1							
	6751822	RING, SNAP (2"O.D.)						1							
		8.1685 - FITTING, CLUTCH DRIVE SHAFT BEARING GREASE													
1A	191758	FITTING, 1/8" LUBE (12.9540)	1	1								2			
		8.1690 - RETAINER, CLUTCH DRIVE SHAFT BEARING													
1A	5192149	RETAINER	1												
1A	5193251	RETAINER		1								1			
1A	5191322	& RETAINER					1								

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FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 180	181	187	204	208	214	220	221	228	230	255	270	271
		8.1690 - RETAINER, CLUTCH DRIVE SHAFT BEARING (CONT'D)													
1A	**5197004**	RETAINER & NOT SERVICED; REPLACE WITH 5199860.								1					
		8.1695 - SPACER, CLUTCH DRIVE SHAFT BEARING RETAINER													
	5191321	& SPACER & NOT SERVICED; REPLACE WITH 5199860.					1								
		8.1700 - LOCK, CLUTCH DRIVE SHAFT BEARING RETAINER													
1A	**3223379**	LOCK	1	1						1		1			
1A	**5191323**	LOCK					1								
1A	**179812**	BOLT, 5/16"-18X1/2" (12.9001)	1	1			1			1		1			
	103320	LOCKWASHER, 5/16" (12.9200)	1	1			1			1		1			
		8.1900 - HOUSING, POWER TAKE-OFF ADAPTOR													
1B	**5162833**	HOUSING ASSY. (INCLUDES PIN)		1								1			
1B	**186283**	BOLT, 3/8"-16X3 1/2" (12.9001)		4											
1B	**179860**	BOLT, 7/16"-14X1 1/4" (12.9001)		2								6			
1B	**103321**	LOCKWASHER, 3/8" (12.9200)		4								4			
1B	**103322**	LOCKWASHER, 7/16" (12.9200)		2								6			
	5146900	PIN, 3/8"X1 1/8" DOWEL (12.9290)		2								2			
		8.1904 - SHAFT, POWER TAKE-OFF ADAPTOR STUB													
	5136411	* SHAFT (TRANSMISSION DRIVE) * PART OF COUPLING ASSY. IN 8.1910.													1
		8.1905 - ADAPTOR, POWER TAKE-OFF TO CLUTCH													
		AN ADAPTOR INCLUDES HUB IN 8.1906.													
1B	**5119190**	ADAPTOR		1								1			
	5172771	INSULATOR ASSY. (1.3280)										1			
		8.1906 - HUB, FRONT POWER TAKE-OFF ADAPTOR													
	5119170	HUB		1								1			

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8.1000A POWER TAKE-OFF AND/OR CLUTCH

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 180	181	187	204	208	214	220	221	228	230	255	270	271
		8.1907 - CONE, POWER TAKE-OFF ADAPTOR													
18	**5119189**	CONE (1.3295)		2								2			
18	**271632**	BOLT, 3/4"-16X1 3/4" (1.3290)		1								1			
18	**5180291**	WASHER (2.18" DIA. O.D.) (1.3290)		1								1			
		8.1910 - COUPLING ASSY., POWER TAKE-OFF													
	5136521	COUPLING ASSY. (TRANSMISSION)													1
	5136406	# ADAPTOR, COUPLING													1
	7450944	# BEARING, COUPLING													2
	9152466	# SEAL, BEARING													2
	5127300	# SPACER, BEARING													1
	9152465	# RETAINER, BEARING													2
	191758	# FITTING, 1/8" LUBE (12.9540)													1
	5127184	GASKET (TO BELL) (1.5020)													1
	5136529	BOLT, 3/8"-16X1 5/8" (NYLOCK)													12
	103321	LOCKWASHER, 3/8" (12.9200)													12

PART OF COUPLING ASSY. IN TYPE 271. AN ASSY. ALSO INCLUDES SHAFT IN 8.1904.

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8.1000A POWER TAKE-OFF AND/OR CLUTCH

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 273	275	278	282	299	302	304	305	308	309	315
		8.1001 - POWER TAKE-OFF ASSY.											
		INCLUDES KEY IN 8.1001 AND ITEMS IN 8.1010 THRU 8.1700 EXCEPT 8.1450.											
	NPN	POWER TAKE-OFF ASSY. (CUSTOMER FURNISHED)	1	1	1	1	1	1	1	1		1	1
	5140918	* POWER TAKE-OFF ASSY.									1		
1A	186622	BOLT, 3/8"-16X1 1/4" (12.9001)									12		
1A	103321	LOCKWASHER, 3/8" (12.9200)									AR		
		* NOT SERVICED, COMPONENTS OF POWER TAKE-OFF ASSY., SERVICED BY COTTA TRANSMISSION CO., ROCKFORD, ILL.											
		8.1010 - HOUSING, CLUTCH											
	NPN	HOUSING (CUSTOMER FURNISHED)		1	1				1	1			1
	5125651	HOUSING (AUTOMOTIVE)										1	
	6756627	@ HOUSING (SAE #3)				1		1					
	5140854	HOUSING (AUTOMOTIVE)	1				1						
	5125650	PAN, CLUTCH HOUSING										1	
	5135588	PAN, CLUTCH HOUSING	1				1						
	3774698	# BOOT-CLUTCH FORK	1				1						
	3765360	# BOOT-CLUTCH FORK (8.1280)										1	
	3739163	# STUD	1				1						
	3725240	# STUD										1	
	5136088	STUD, 3/8"-4.82"	3				3						
	5120494	STUD, 3/8"-16X1.95"										3	
	180016	BOLT, 1/4"-20X1/2" (12.9001)	4				4						
	179812	BOLT, 5/16"-18X1/2" (12.9001)										4	
	455537	BOLT, 3/8"-16X4" (12.9001)	6				6					6	
	103319	LOCKWASHER, 1/4" (12.9200)	4				4						
	103320	LOCKWASHER, 5/16" (12.9200)										4	
	103321	LOCKWASHER, 3/8" (12.9200)	9				9					9	
	117049	NUT, 3/8"-24 (12.9120)	3				3					3	
		@ PART OF TORQUE CONVERTER ASSY. 8.3000A TYPE 448.											
		# PROCURE FROM CHEVROLET.											
		8.1017 - CLUTCH ASSY.											
		A CLUTCH ASSY. INCLUDES ITEMS IN 8.1030, 8.1080, 8.1100, 8.1135, 8.1142, 8.1144, 8.1145, 8.1285, 8.1295 AND 8.1315.											
	NPN	CLUTCH ASSY. (CUSTOMER FURNISHED)										1	1
	5194365	CLUTCH ASSY. (10" CLUTCH)				1		1					
	5194342	CLUTCH ASSY. (10" CLUTCH)									1		
1A	5192489	KEY (1/4" SQ. X 2"L.)				1		1					

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8.1000A POWER TAKE-OFF AND/OR CLUTCH

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES 273	275	278	282	299	302	304	305	308	309	315
		8.1018 - RING, CLUTCH DRIVING											
1A	5192180	RING (10")				1		1			1		
	5123897	RING (15")								1			
	9409231	BOLT, 3/8"-16X1 1/2" LOCK (TO FLYWHEEL) (12.9001)				8		8					
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)									8		
	186631	BOLT, 1/2"-13X2 1/4" (12.9001)								8			
	103321	LOCKWASHER, 3/8" (12.9200)									AR		
	103323	LOCKWASHER, 1/2" (12.9200)								8			
		8.1020 - PLATE, CLUTCH DRIVEN											
	3862220	@ PLATE, CLUTCH DRIVEN										1	
		@ PROCURE FROM CHEVROLET.											
		8.1030 - FACING, CLUTCH											
1A	5192182	FACING (3 SEGMENTS)				1		1			1		
		8.1060 - COVER, CLUTCH HOUSING INSPECTION HOLE											
	3765349	@ COVER	1				1						
	180016	BOLT, 1/4"-20X1/2" (12.9001)	2				2						
	103319	LOCKWASHER, 1/4" (12.9200)	2				2						
		@ PROCURE FROM CHEVROLET.											
		8.1080 - PLATE, CLUTCH PRESSURE											
1A	5194143	PLATE (OUTER)						1			1		
1A	5194294	PLATE (INNER) (INCLUDES LOCK)				1		1			1		
1A	5193258	PLATE (OUTER)				1							
	6272200	@ PLATE	1				1						
	3758681	@ PLATE ASSY.										1	
	340228	@ PLATE ASSY.	1				1						
	838653	BOLT, 3/8"-16X1"	8				8					6	
	103321	LOCKWASHER, 3/8" (12.9200)	8				8					6	
		@ PROCURE FROM CHEVROLET.											
		8.1100 - SPRING, CLUTCH TOGGLE LEVER											
1A	5194138	SPRING				1		1			1		
		8.1135 - SPRING, CLUTCH PRESSURE PLATE RETURN											
1A	5193431	SPRING (COIL)				3			3		3		

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