

GENERATOR ASSY.

% GENERATOR, 12V. 42 AMP. CW/CCW.
ALTERNATOR, 28.5V. 70AMP. CW/CCW.

ALTERNATOR: 12V, 25AMP CCW.

ALTERNATOR, 12V, 65 AMP, CW/CCW.

ALTERNATOR, 24V, 65 AMP, CW/CCW.

BOLT, 3/8-16 X 1 3/8" (12.9001)

BOLT, 3/8-16 X 1 1/2" (12.9001)

BOLT, 3/8"-16X4" (12.9001)

BOLT, 3/8-24 X 4" (12.9001)

BOLT, 3/8-24 X 7" (12.9001)

BOLT, 1/2"-13X1" (12.9001)

BOLT, 1/2"-13 X 6 1/4" (12.9001)

WASHER, SPECIAL (1.5001)

WASHER, 1/2" SPECIAL (1.3140)

LOCKWASHER, 3/8" (12.9200)

LOCKWASHER, 1/2" (12.9200)

LOCKWASHER, 1/2" (12.9220)

NUT, 3/8"-16 (12.9120)

NUT, 3/8-24 (12.9120)

NUT, 1/2-13 (12.9120)

% NOT SERVICED, SUPERSEDED BY

1103131 (METRIC).
* NOT SERVICED BY DPA

* NOT SERVICED BY DDA.

5148767 SHIELD HEAT (R.H.).....

5148599 SHIELD, HEAT (LH)

5131201 BRACKET (7.1587).....

179816 BOLT, 5/16"-18X3/4" (12.9001)

120393 WASHER, 5/16" (12.9190)

103320 LOCKWASHER, 5/16" (12.9200)

120376 NUT, 5/16 -18 (12.9120)

1970765 * FAN (INCLUDES BAFFLE)

1959703 * FAN (INCLUDES BAFFLE)

1866400 * FAN

* NOT SERVICED BY DDA.

$\frac{1}{2} \pi \leq \theta \leq \frac{3}{2} \pi$

1877887 * BAFFLE

* NOT SERVICED BY DDA.

THE UNIVERSITY OF CHICAGO

1B 5132527 PULLEY, 2.76" DIA. 2 GRV.

1B	5136646	+ PULLEY, 3.80" DIA., 9 POLY-VEE GRV.
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18 5148796 PULLEY, 2.76" DIA, 2 GRV.

70 0140100 POLLEY, ZYD SPA; Z CHV.; 1978-1979

TYPES												
1 7 7 8	1 7 7 9	1 7 8 0	1 7 8 1	1 7 8 3	1 7 9 4	1 7 9 7	1 8 5 7	1 8 5 8	1 8 5 9	1 8 6 0	1 8 6 1	1 8 6 2
1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	4	1	1	1	1	1	1	1
1	1	2	1	2	8	2	3	3	1	1	1	2
1	1	1	1	1	1	2	1	3	1	1	1	1
1	1	1	1	1	1	2	1	1	1	1	1	1
	1	1	1	1								
	1	1	1	1								
		1	1	1								
		2	2	2								
		1	1	1								
1	1	1	1	1		1	1			1	1	
1	1	1	1	1	1	1	1			1	1	1

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES															
FIG	NUMBER	NAME AND DESCRIPTION															
		1 7 8	1 7 9	1 7 0	1 7 1	1 7 3	1 7 4	1 7 7	1 7 8	1 7 5	1 8 5	1 8 5	1 8 5	1 8 6	1 8 6	1 8 6	
7.1500 - PULLEY, GENERATOR (CONT'D)																	
	186601	BOLT, 1/4"-20X1 1/4" (12.9001)					4										
	120423	LOCKWASHER, 1/4" INT. EXT. TOOTH (12.9220)					4										
+ OBSOLETE.																	
7.1575 - BELT, GENERATOR DRIVE																	
B	5133173	BELT SET (2 BELTS 42" L X .380W.)					1										
B	5133172	BELT SET (2 BELTS, 43" L X .380" W.)						1	1								
B	5181329	BELT SET (2 BELTS, 32" L X .380" W.)							1	1							
B	5136903	BELT (49" L X 1.26" W.) (9 RIB)						1									
B	5133177	BELT SET (2 BELTS 27" L X .380 W.)							1	1							
B	5133175	BELT SET (2 BELTS 39" L X .380 W.)									1	1	1	1			
B	5133601	BELT SET (2 BELTS 41" L X .380 W.)													1		
7.1580 - STRAP, GENERATOR ADJUSTING																	
B	5148774	+ STRAP							1	1							
B	5148586	+ STRAP					1										
B	5148773	+ STRAP						1									
B	5127678	STRAP							1								
B	5102078	STRAP								1							
B	5102065	STRAP									1						
B	5102125	STRAP										1	1	1	1		
B	5102070	STRAP													1		
	5136648	BRACKET						1									
	5136647	BRACKET						1									
	186625	BOLT, 5/16"-18 X 7/8 (12.9001)							1	1	1	1	1	1	1		
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)					1	1	1	1		1		1	1		
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)					1	1	1	1	1						
	179839	BOLT, 3/8"-18 X 1" (12.9001)									1	1		1	1		
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)					1	1	1	1	1						
	179846	BOLT, 3/8"-16 X 1 7/8" (12.9001)									1						
	9418964	BOLT, 3/8"-16 X 5" (12.9001)													1		
	442733	BOLT, 1/2"-13 X 1 1/4" (12.9001)										1	1		1		
	186725	BOLT, 1/2"-13 X 1 1/2" (12.9001)										1	1				
	179886	BOLT, 1/2"-13 X 1 5/8" (12.9001)										1	1				
	428211	BOLT, 5/8"-11X1 1/4" (12.9001)							4								
	5121403	WASHER, SPECIAL (3.4080)							1								
	5150230	WASHER, 3/8" ID. X 1 3/16" (3.4120)								1							
	5109949	WASHER, 17/32" ID. X 1 3/16" (5.4025)										1					
	103341	WASHER, 3/8" (12.9190)					1	1	1	1	1						
	103320	LOCKWASHER, 5/16" (12.9200)					1	1	1	1	1			1	1		
	103321	LOCKWASHER, 3/8" (12.9200)					1	1	1	1	1			1	1		
	103323	LOCKWASHER, 1/2" (12.9200)					1	1	1	1			2	2	1		
	178627	LOCKWASHER, 5/8" (12.9215)							8								
	102635	NUT, 3/8"-16 (12.9120)									1						
	102637	NUT, 1/2"-13 (12.9120)										1	1				
+ NOT SERVICED. USE 5102731 STRAP AND 5102729 BRACKET.																	

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES													
FIG	NUMBER	NAME AND DESCRIPTION													
		1 7 8	1 7 9	1 7 0	1 7 1	1 7 3	1 7 4	1 7 7	1 8 5	1 8 5	1 8 5	1 8 6	1 8 6	1 8 6	
7.1581 - SPACER, GENERATOR ADJUSTING STRAP															
5121403	SPACER, 21/64" ID X 3/16" L. (3.4080)	1	1	1	1				1			1	1		
5164294	SPACER, 13/32" ID X 1/8" L.													1	
5174297	SPACER, 1/2" ID X 1 3/4" L. (7.4035)											2		1	
5117082	SPACER, 1/2" ID X .164" L.									1	2			1	
7.1582 - BRACKET, GENERATOR ADJUSTING STRAP															
5102058	BRACKET									1	1				
186612	BOLT, 3/8"-16 X 1 3/8" (12.9001)									1	1				
179844	BOLT, 3/8"-16 X 1 5/8" (12.9001)									1	1				
114926	BOLT, 3/8"-16 X 4 1/4" (12.9001)									2	2				
103321	LOCKWASHER, 3/8 (12.9200)									1	1				
102635	NUT, 3/8"-16 (12.9120)									1	1				
5196119	SPACER, 13/32" X 7/8" (7.4025)									1					
5157412	SPACER, 13/32" X 1/4" (7.4013)										1				
7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY															
5136651	GUARD						1								
5132556	GUARD											1			
5102069	GUARD													1	
5183187	+ SPACER, 1/4" X 4" L.						1								
186676	BOLT, 1/4"-20 X 5/8" (12.9001)													2	
186629	BOLT, 5/16"-18 X 1" (12.9001)													1	
189299	BOLT, 5/16"-18X4 1/2" (12.9001)						1								
186227	BOLT, 3/8"-16 X 2 3/8" (12.9001)													1	
179850	BOLT, 3/8"-16 X 2 3/4" (12.9001)											1			
9418964	BOLT, 3/8"-16 X 5" (12.9001)											1			
120628	SCREW, 1/4"-20 X 1/2" (12.9025)											1			
120392	WASHER, 1/4" (12.9190)													2	
103319	LOCKWASHER, 1/4" (12.9200)													2	
103320	LOCKWASHER, 5/16" (12.9200)													1	
103321	LOCKWASHER, 3/8" (12.9200)											1		1	
5101265	NUT, 1/4"-20 CLIP											1		2	
120376	NUT, 5/16"-18 (12.9120)													1	
	+ OBSOLETE														

7.1000A BATTERY CHARGING GENERATOR

			TYPES													
FIG	PART NUMBER	NAME AND DESCRIPTION	1 7 8	1 7 9	1 7 8	1 7 8	1 7 8	1 7 9	1 7 8	1 7 8	1 7 8	1 7 8	1 7 8	1 7 8	1 7 8	1 7 8
		7.1587 - BRACKET GENERATOR DRIVE BELT AND PULLEY GUARD														
	5102197	BRACKET														1
	5102198	BRACKET														1
	5129361	BRACKET												1		
		7.1590 - SPACER, GENERATOR DRIVE BELT AND PULLEY GUARD														
	5126962	SPACER, 3/8" ID. X 2.76" L													1	
	5142841	SPACER, 7/8" ID. X 1.18" L													1	
	5147868	SPACER, 7/8" ID. X 2.66" L													1	
		7.1595 - BRACKET, GENERATOR MOUNTING														
B	5102002	BRACKET (L.H.)	1		1											
B	5102005	BRACKET (R.H.)		1		1	1									
B	5136649	BRACKET						1								
B	5137450	BRACKET, REAR							1							
B	5142647	BRACKET, FRONT							1							
B	5102135	BRACKET								1						
B	5102073	BRACKET									1	1				
B	5102124	BRACKET											1	1		
B	5102071	BRACKET														1
	5137947	BUSHING	1	1	1	1	1									
	5136821	SHIM, .002" THICK						1								1
	5136906	SHIM, .005" THICK						1								1
	5148840	SPACER, 1.06" THICK		1	1	1										
	179819	BOLT, 5/16"-18X1 1/8" (12.9001)						6								
	179823	BOLT, 5/16"-18X1 5/8" (12.9001)							2					2	2	
	179839	BOLT, 3/8"-16X1" (12.9001)							2	3	3	3				
	186624	BOLT, 3/8"-16 X 1 1/4" (12.9001)														2
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)						3								2
	186628	BOLT, 3/8"-16X1 1/2" (12.9001)	3				3									
	5157244	BOLT, 3/8"-16 X 1 3/4" (4.4190)							1					1	1	
	9414215	BOLT, 3/8"-16X2 1/2" (12.9001)		3	3	3	3									
	179850	BOLT, 3/8"-16 X2 3/4" (12.9001)	3	3	3											
	103320	LOCKWASHER, 5/16" (12.9200)							2					2	2	2
	178532	LOCKWASHER, 5/16" INT. EXT. TOOTH (12.9215)						6								
	103321	LOCKWASHER, 3/8" (12.9200)	3	3	3		3		3		2			1	1	2
	178551	LOCKWASHER, 3/8" INT. EXT. TOOTH (12.9215)						3								
	5152148	WASHER, 3/8 COPPER (2.4050)								1						
		7.1605 - REGULATOR, VOLTAGE														
	5134422	REGULATOR						1								
	1119292	* REGULATOR, 12V. 25AMP NEG GRD * NOT SERVICED BY DDA.							1							

7.1000A BATTERY CHARGING GENERATOR

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..	TYPES											
	1 7 8	1 7 9	1 7 0	1 7 1	1 7 3	1 7 4	1 7 7	1 8 5	1 8 5	1 8 5	1 8 6	1 8 6
7.1612 - MOUNTING ASSY., VOLTAGE REGULATOR												
5179976 MOUNTING ASSY. (SPRING)						4						
7.1630 - WIRE ASSY., GENERATOR TO REGULATOR												
5100420 WIRE ASSY. (INCLUDES RECTIFIER)	1	1	1	1	1			1			1	1
5137250 WIRE ASSY.					1	1						
106498 LOCKWASHER, #12 (12.9200)	1	1	1	1				1			1	1
103089 NUT, 12-24 (12.9120)	1	1	1	1	1			1			1	1

7.1000A BATTERY, CHARGING GENERATOR

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	1 8 3	1 8 5	1 8 6	1 9 0	1 9 1	1 9 2	1 9 3	1 9 3	1 9 3	1 9 4	1 9 4	1 9 5
		7.1001 - GENERATOR ASSY.												
		SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO. FOR METRIC GENERATORS, USE METRIC MOUNTING BRACKETS AND HARDWARE.												
1A	1102940	* % GENERATOR, 12V. 42 AMP. CW/CCW				1	1			1				
1A	1100077	* ALTERNATOR, 24V. 65AMP CW/CCW	1											1
1A	1102918	* # ALTERNATOR, 24V. 40 AMP. CCW		1				1			1			
1A	8923597	GENERATOR, 14V. 75 AMP. CW/CCW						1						
1A	5105026	+ ALTERNATOR, 12V. 42 AMP. CW/CCW											1	
1A	NPN	ALTERNATOR, CUSTOMER FURNISHED					1					1		
	5137947	BUSHING, GEN BRACKET (7.1595)		1							1			
	5164294	SPACER, 7/8" X 1/8" L. (7.1581)		2							2			
	5132715	WASHER, 1/2" SPECIAL (1.3140)	2									3		2
	5131433	WASHER, .41" I.D. X .134" SPECIAL (1.5001)				2	2		2	8	2			
	179847	BOLT, 3/8"-16X2" (12.9001)							1	3				
	186283	BOLT, 3/8"-16X3 1/2" (12.9001)												
	455537	BOLT, 3/8"-16 X 4" (12.9001)				1	1		1				2	
	186312	BOLT, 3/8"-24 X 4" (12.9001)		1							1			
	9427945	BOLT, 1/2"-13 X 6 1/4" (12.9001)	1									1		1
	9437419	BOLT, 3/8"-16X7" (12.9001)							4					
	103321	LOCKWASHER, 3/8" (12.9200)		1	1	1		1	8	1	1		1	1
	103323	LOCKWASHER, 1/2" (12.9200)	1									1		1
	102635	NUT, 3/8"-16 (12.9120)			1	1		1		1			1	
	103026	NUT, 3/8"-24 (12.9120)		1							1			
	102637	NUT, 1/2"-13 (12.9120)	1									1		1
		+ NOT SERVICED. PROCURE FROM ARNO CORP. IN BRAZIL.												
		% NOT SERVICED. SUPERSEDED BY 1103131 (METRIC).												
		# NOT SERVICED. SUPERSEDED BY 1103123 (METRIC).												
		* NOT SERVICED BY DDA.												
		7.1005 - SHIELD, GENERATOR												
	5148770	SHIELD, HEAT (R.H.)												
	5148599	SHIELD, HEAT (L.H.)												
	5148767	SHIELD, HEAT											1	
	5131201	BRACKET (7.1587)											1	
	5137329	BRACKET (90 DEG.)												
	179816	BOLT, 5/16"-18 X3/4" (12.91001)											1	
	120393	WASHER, 5/16" (12.9190)											2	
	103320	LOCKWASHER, 5/16" (12.9200)											1	
	120376	NUT, 5/16"-18 (12.9120)											1	
		7.1508 - GASKET, GENERATOR DRIVE												
	5103476	GASKET							1					
		7.1511 - HUB, FLANGED MOUNTED ALTERNATOR DRIVE												
	5148881	HUB							1					

DETROIT DIESEL

53 MPC ENGINES

7.1000A BATTERY, CHARGING GENERATOR

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	1 8 3	1 8 5	1 8 6	1 9 0	1 9 1	1 9 2	1 9 3	1 9 3	1 9 3	1 9 4	1 9 4	1 9 5
		7.1515 - SEAL, GENERATOR DRIVE OIL												
	5139505	SEAL (7.1516)						1						
		7.1560 - COUPLING, GENERATOR DRIVE												
	5139545	COUPLING (1.7635)						1						
		7.1440 - FAN, GENERATOR												
	1970765	* FAN, (INCLUDES BAFFLE)			1		1		1	1				
	1959703	* FAN, (INCLUDES BAFFLE) * NOT SERVICED BY DDA.		1		1							1	
		7.1500 - PULLEY, GENERATOR												
1A	5148796	PULLEY, 2.76" DIA. 2 GRV.	1									1		1
1A	5132527	PULLEY, 2.76" DIA. 2 GRV.		1	1	1	1	1		1	1		1	
		7.1575 - BELT, GENERATOR DRIVE												
		ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.												
1A	5133174	BELT SET, 2 BELTS 40" L X .380 W, COGGED								1				

7.1000A BATTERY, CHARGING GENERATOR

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	1	1	1	1
			8	8	8	9	9	9	9	9	9	9	9	9
			6	6	6	0	1	2	3	3	3	4	4	5
			3	5	6	4	4	8	1	2	4	1	6	4
7.1575 - BELT, GENERATOR DRIVE (CONT'D)														
1A	5133601	BELT SET (2 BELTS 41" L X .380" W.)	1											1
1A	5181329	BELT SET (2 BELTS 32" L X .380" W.)				1								
1A	5133177	BELT SET (2 BELTS 37" L X .380" W.)		1			1							
1A	5133173	BELT SET (2 BELTS 42" L X .380" W.)			1			1						
1A	5133175	BELT SET (2 BELTS 39" L X .380" W.)								1				
1A	5133172	BELT SET (2 BELTS 43" L X .380" W.)										1		
1A	5132591	BELT SET (2 BELTS 46" L X .380" W.)											1	
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5102070	STRAP	1											1
1A	5148586	+ STRAP				1								
1A	5103769	STRAP							1					
1A	5148583	+ STRAP			1									
1A	5148773	+ STRAP						1				1		
1A	5102125	STRAP								1				
1A	5102065	STRAP									1			
1A	5148584	+ STRAP										1		
1A	5148774	+ STRAP											1	
1A	5102078	STRAP		1			1							
	179819	BOLT, 5/16"-18 X 1 1/8" (12.91001)		1	1	1	1	1			1		1	
	186625	BOLT, 5/16"-18X7/8" (12.9001)						1						
	186624	BOLT, 5/16"-18 X 1 1/4" (12.9001)								1				
	179839	BOLT, 3/8"-16 X 1" (12.91001)									1			
	186622	BOLT, 3/8"-16X1 1/4" (12.91001)			1			1						
	186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)								1				
	186612	BOLT, 3/8"-16 X 1 3/8" (12.91001)				1							1	
	179844	BOLT, 3/8"-16 X 1 5/8" (12.91001)										1		
	179846	BOLT, 3/8"-16 X 1 7/8" (12.91001)		1			1							
	186278	BOLT, 3/8"-16 X 2 5/8" (12.91001)												1
	186288	BOLT, 3/8"-16 X 4 1/2" (12.91001)	1											
	442733	BOLT, 1/2"-13 X 1 1/4" (12.91001)	1									1		1
	186725	BOLT, 1/2"-13 X 1 1/2" (12.91001)										1		
	5117082	WASHER, STRAP TO GEN. (3.4103)	1									1		1
	5109949	WASHER, STRAP TO GEN. (5.4025)										1		
	5121403	WASHER, STRAP TO GEN. (3.4080)				1	1		1			2		
	103341	WASHER, 3/8" (12.9190)	1			1	1			1			1	
	103320	LOCKWASHER, 5/16" (12.9200)		1	1	1	1	1	1	1	1		1	
	103321	LOCKWASHER, 3/8" (12.9200)	1	1	1	1	1	1		1	1	1	1	
	103323	LOCKWASHER, 1/2" (12.9200)	1									2		1
	102635	NUT, 3/8"-16 (12.9120)		1	1		1					1		
	102637	NUT, 1/2"-13 (12.9120)										1		
		+ NOT SERVICED, USE 5102731 STRAP AND 5102729 BRACKET.												
7.1581 - SPACER, GENERATOR ADJUSTING STRAP														
	5164294	SPACER, 7/8" ID X 1/8" L.		1			1			1				
	5174297	SPACER, 3/8" ID X 1 3/4" L.	1											

7.1000A BATTERY, CHARGING GENERATOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 8 6 3	1 8 6 5	1 8 6 6	1 9 0 4	1 9 1 4	1 9 2 8	1 9 3 1	1 9 3 2	1 9 3 4	1 9 4 1	1 9 4 6	1 9 5 4
		7.1582 - BRACKET, GENERATOR ADJUSTING STRAP												
	5102058	BRACKET											2	
	114926	BOLT, 3/8"-16 X 4 1/4" (12.9001)											2	
	103321	LOCKWASHER, 3/8" (12.9200)											2	
		7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY												
	5102069	GUARD	1											
	186676	BOLT, 1/4"-20 X 5/8" (12.9001)	2											
	186629	BOLT, 5/16"-18 X 1" (12.9001)	1											
	186277	BOLT, 3/8"-16X2 3/8" (12.9001)	1											
	120392	WASHER, 1/4" (12.9190)	2											
	103319	LOCKWASHER, 1/4" (12.9200)	2											
	103320	LOCKWASHER, 5/16" (12.9200)	1											
	103321	LOCKWASHER, 3/8" (12.9200)	1											
	5101265	NUT, 1/4"-20 CLIP	2											
	120376	NUT, 5/16"-18 (12.9120)	1											
		7.1586 - GUARD, FLANGED MOUNTED ALTERNATOR FAN												
	5103471	GUARD						1						
		7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD												
	5102197	BRACKET	1											
	5102198	BRACKET	1											
		7.1588 - ADAPTOR, FLANGE MOUNTED ALTERNATOR												
	5103472	ADAPTOR						1						
		7.1589 - GASKET, FLANGE MOUNTED ALTERNATOR ADAPTOR												
	5103475	GASKET						1						
		7.1595 - BRACKET, GENERATOR MOUNTING												
1A	8923200	BRACKET	1											1
1A	5102135	BRACKET		1			1							
1A	5102005	BRACKET			1			1						
1A	5102124	BRACKET									1			
1A	5102073	BRACKET										1		
1A	5103770	BRACKET								1				
1A	5102003	BRACKET (R.H.)												
1A	5102002	BRACKET (L.H.)				1								
	5157244	BOLT, 3/8"-16 X 1 3/4" SPEC (4.4190)									1			
	5137947	BUSHING			1	1	1	1		1				
	5148840	SPACER, 1.06" THK.											1	
	5164294	SPACER, 7/8"-13/32X1/8" THK. (7.1581)					2							
	5136821	SHIM, .002" THICK	1											1
	5136906	SHIM, .005" THICK	1											1
	5152148	WASHER, 3/8" COPPER (2.4050)		1								3		

7.1000A BATTERY, CHARGING GENERATOR

PART		TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION											
		1 8 6 3	1 8 6 5	1 8 6 6	1 9 0 4	1 9 1 4	1 9 2 8	1 9 3 1	1 9 3 2	1 9 3 4	1 9 4 1	1 9 4 6	1 9 5 4
	7.1595 - BRACKET, GENERATOR MOUNTING (CONT'D)												
5132147	WASHER, 13/32" ID. X .20" (3.4030)			3									
186624	BOLT, 5/16"-18 X 1 1/4" (12.9001)	2											2
179823	BOLT, 5/16"-18 X 1 5/8" (12.9001)									2			
179839	BOLT, 3/8"-16 X 1" (12.9001)		2			2					3		

7.1000A BATTERY, CHARGING GENERATOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			1 8 6 3	1 8 6 5	1 8 6 6	1 9 0 4	1 9 1 4	1 9 2 8	1 9 3 1	1 9 3 2	1 9 3 4	1 9 4 1	1 9 4 6	1 9 5 4
	7.1595	BRACKET, GENERATOR MOUNTING (CONT'D)												
	5101377	BOLT, 3/8"-16 X 1" (W/SEAL PATCH) (5.2020)		3			1					3		
	186612	BOLT, 3/8"-16 X 1 3/8" (12.9001)	2			3	3	3		3				2
	186628	BOLT, 3/8"-16 X 1 1/2" (12.9001)						1						
	186312	BOLT, 3/8"-24 X 4" (12.9001)												
	9414215	BOLT, 3/8"-16 X 2 1/2" (12.9001)											3	
	179850	BOLT, 3/8"-16 X 2 3/4" (12.9001)			3									
	103320	LOCKWASHER, 5/16" (12.9200)	2								2			2
	103321	LOCKWASHER, 3/8" (12.9200)	2	3	3	3	2	3		3	1	3		2
	103026	NUT, 3/8"-24 (12.9120)					1							
	7.1630	WIRE ASSY., GENERATOR TO REGULATOR												
	5100420	WIRE ASSY (INCLUDES RECTIFIER)		1	1	1	1	1		1	1			
	106498	LOCKWASHER #12 (12.9001)		1	1	1	1	1		1	1			
	103089	NUT, 1/2"-24		1	1	1	1	1		1	1			

7.1000A BATTERY CHARGING GENERATOR

		TYPES													
FIG	PART NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	1	2			
			9	9	9	9	9	9	9	9	9	0			
			6	6	7	8	8	9	9	9	9	0			
			0	2	7	4	5	2	3	4	7	1			
7.1001 - GENERATOR ASSY.															
		SERVICE ON ELECTRICAL EQUIPMENT (*)													
		IN THIS SECTION IS HANDLED THROUGH													
		AC DELCO.													
		FOR METRIC GENERATORS, USE METRIC													
		MOUNTING BRACKETS AND HARDWARE.													
	NPN	GENERATOR, CUSTOMER FURNISHED.					1	1		1					
	NPN	ALTERNATOR, CUSTOMER FURNISHED	1	1	1										
1A	1100081	* GENERATOR, 12V., 65AMP., CW/CCW.				1			1						
1A	1102940	* % GENERATOR, 12V., 42 AMP.,													
		CW/CCW.										1			
	186629	BOLT, 5/16"-18 X 1" (12.9001)										1			
	455537	BOLT, 3/8"-16 X 4" (12.9001)						1		1	1	1			
	186631	BOLT, 1/2"-13 X 2 1/4" (12.9001)							2						
	9427945	BOLT, 1/2"-13 X 6 1/4" (12.9001)		1		1	1								
	5131433	WASHER, .41" X .81" X .14" (1.5001)	2		2			2		2	2	4			
	5132715	WASHER, .53" X .94" X .12" (1.3140)		2		2	3		3						
	103320	LOCKWASHER, 5/16" (12.9200)													
	103321	LOCKWASHER, 3/8" (12.9200)						1		1	1				
	103323	LOCKWASHER, 1/2" (12.9200)		1		1	1								
	102635	NUT, 3/8"-16 (12.9120)						1		1	1				
	102637	NUT, 1/2"-13 (12.9120)		1		1	1		2						
		% NOT SERVICED, SUPERSEDED BY													
		1103131 (METRIC).													
		* NOT SERVICED BY DDA.													
7.1005 - SHIELD, GENERATOR															
	5148599	SHIELD, HEAT (L.H.)	1					1				1			
	5148770	SHIELD, HEAT (R.H.)		1											
	5131201	BRACKET (7.1587)	1					1				1			
	5137329	BRACKET (90 DEG.)		1											
	179816	BOLT, 5/16"-18 X 3/4" (12.9001)		1				1							
	120393	WASHER, 5/16" (12.9190)		2				2							
	103320	LOCKWASHER, 5/16" (12.9200)		1				1							
	120376	NUT, 5/16"-18 (12.9120)		1				1							
7.1440 - FAN, GENERATOR															
	1970765	* FAN, (INCLUDES BAFFLE)			1						1				
		* NOT SERVICED BY DDA.													
7.1500 - PULLEY, GENERATOR															
1A	5148796	PULLEY, 2.76" DIA. 2 GROOVES		1		1	1		1						
1A	5132527	PULLEY, 2.76" DIA. 2 GROOVES	1		1			1		1	1	1			
7.1505 - PULLEY, GENERATOR DRIVE															
	5134827	PULLEY, 4.66" DIA. 2 GROOVES								1					
	124543	KEY, 1/8" X 1/2" WOODRUFF (12.9350)								2					
	272906	NUT, 3/4"-16 (12.9140)								1					
7.1507 - DRIVE ASSY., GENERATOR															
		A DRIVE ASSY. INCLUDES ITEMS IN													
		7.1505, 7.1510, 7.1515, 7.1520, 7.1535													
		AND 7.1545.													

DETROIT DIESEL

53 MPC ENGINES

7.1000A BATTERY CHARGING GENERATOR

		TYPES													
..FIG ..	PART NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	1	1	2		
			9	9	9	9	9	9	9	9	9	9	0		
			6	6	7	8	8	9	9	9	9	9	0		
			0	2	7	4	5	2	3	4	7	1			
		7.1507 - DRIVE ASSY., GENERATOR (CONT'D)													
	5106611	+ DRIVE ASSY.								1					
	179844	BOLT, 3/8"-16 X 1 5/8" (12.9001)								1					

7.1000A BATTERY CHARGING GENERATOR

PART FIG . . . NUMBER NAME AND DESCRIPTION	TYPES													
	1 9 8 0	1 9 6 2	1 9 7 7	1 9 8 4	1 9 8 5	1 9 9 2	1 9 9 3	1 9 9 4	1 9 9 7	2 0 0 1				
7.1507 - DRIVE ASSY., GENERATOR (CONT'D)														
272547 BOLT, 3/8"-16 X6 1/2" (12.9001)							4							
103321 LOCKWASHER, 3/8" (12.9200) + NOT SERVICED, FOR SERVICE USE COMPONENTS.							5							
7.1508 - GASKET, GENERATOR DRIVE														
5103476 GASKET							1							
7.1510 - HUB, GENERATOR DRIVE PULLEY														
5143234 HUB, (1.7610)							1							
5143233 SHAFT, (1.7640)							1							
7.1515 - SEAL, GENERATOR DRIVE OIL														
5138710 SEAL, (3.4160)							1							
5133682 SPACER, OIL SEAL (1.7665)							1							
7.1520 - RETAINER, GENERATOR DRIVE BEARING AND OIL SEAL														
5106610 RETAINER							1							
7.1535 - BEARING, GENERATOR DRIVE														
908002 BEARING, (5.4332)							1							
7.1545 - LOCKRING, GENERATOR DRIVE BEARING														
274621 LOCKRING							1							
7.1560 - COUPLING, GENERATOR DRIVE														
5139545 COUPLING (1.7635)							1							

7.1000A BATTERY CHARGING GENERATOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES									
			1 9 8 0	1 9 8 2	1 9 7 7	1 9 8 4	1 9 8 5	1 9 9 2	1 9 9 3	1 9 9 4	1 9 9 7	2 0 0 1
		7.1575 - BELT, GENERATOR DRIVE										
		ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.										
1A	5106553	BELT SET (2 BELTS 32" L X .380" W) COGGED							1			
1A	5133176	BELT SET (2 BELTS 38" L X .380" W) COGGED					1					
1A	5133601	BELT SET (2 BELTS 41" L X .380" W) COGGED								1		
1A	5120937	BELT SET (2 BELTS 41.62" L X .380" W) COGGED									1	
1A	5133172	BELT SET (2 BELTS 43" L X .380" W) COGGED	1			1		1				1
1A	5132591	BELT SET (2 BELTS 46" L X .380" W) COGGED		1								
1A	5133174	BELT SET (2 BELTS 40" L X .380" W) COGGED			1							
		7.1580 - STRAP, GENERATOR ADJUSTING										
1A	5148287	STRAP				1						
1A	5102065	STRAP					1					
1A	5102731	STRAP						1		1		
1A	5106551	STRAP							1			
1A	5106562	STRAP									1	
1A	5148774	+ STRAP	1									
1A	5148584	+ STRAP		1								
1A	5103769	STRAP			1							
	5117082	SPACER, .53" X 1.16" (3.4103)				1	1		1			
	186625	BOLT, 5/16"-18 X 7/8" (12.9001)						1		1		
	186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)			1	1		1			1	
	186612	BOLT, 3/8"-16 X 3/8" (12.9001)		1								
	179882	BOLT, 1/2"-13 X 1 1/8" (12.9001)							1			
	442733	BOLT, 1/2"-13 X 1 1/4" (12.9001)				1	1					
	179884	BOLT, 1/2"-13 X 1 3/8" (12.9001)							1			
	186725	BOLT, 1/2"-13 X 1 1/2" (12.9001)					1					
	5121403	WASHER, 21/64" X 1" X 3/16" (3.4080)	1		1			1	1	1	1	1
	103341	WASHER, 3/8" (12.9190)		1								
	103320	LOCKWASHER, 5/16" (12.9200)						1		1	1	
	103321	LOCKWASHER, 3/8" (12.9200)		1		1		1		1	1	
	103323	LOCKWASHER, 1/2" (12.9200)				1	2		2			
	102635	NUT, 3/8"-16 (12.9120)				1						1
	102637	NUT, 1/2"-13 (12.9120)					1					
		+ NOT SERVICED, USE 5102731 STRAP AND 5102729 BRACKET.										
		7.1582 - BRACKET, GENERATOR ADJ STRAP										
	5102058	BRACKET					1					
	5102729	BRACKET						1		1		1
	186629	BOLT, 5/16"-18 X 1" (12.9001)						1		1		
	186612	BOLT, 3/8"-16 X 1 3/8" (12.9001)					1					
	114926	BOLT, 3/8"-16 X 1 1/4" (12.9001)					2					
	103320	LOCKWASHER, 5/16" (12.9200)						1		1		
	103321	LOCKWASHER, 3/8" (12.9200)					1					
	120376	NUT, 5/16"-18 (12.9120)						1		1		
	102635	NUT, 3/8"-16 (12.9120)					1					

7.1000A BATTERY CHARGING GENERATOR

PART			TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	1	1	1	1	1	1	1	1	2	
			9	9	9	9	9	9	9	9	0	
			6	6	7	8	8	9	9	9	0	
			0	2	7	4	5	2	3	4	7	1
7.1595 - BRACKET, GENERATOR MOUNTING												
A	5102003	BRACKET (R.H.)		1		1						
A	5102073	BRACKET (R.H.)					1					
A	5102002	BRACKET (L.H.)	1					1			1	
A	5102005	BRACKET (R.H.)							1	1	1	
A	5106552	BRACKET							1			
A	5103770	BRACKET			1							
	5137947	BUSHING	1		1			1		1	1	1
	5148840	SPACER	1	1				1			1	
	5132147	WASHER, 13/32" I.D. X .20" (3.4030)		3								
	179839	BOLT, 3/8"-16 X 1" (12.9001)					2					
	5101377	BOLT, 3/8"-16 X 1" (W/SEAL AND LOCKING PATCH) (5.2020)					1					
	186628	BOLT, 3/8"-16 X 1 1/2" (12.9001)				3			2	3	3	
	186612	BOLT, 3/8"-16 X 1 3/8" (12.9001)			3							
	9414215	BOLT, 3/8"-16 X 2 1/2" (12.9001)	3	3				3			3	
	186314	BOLT, 3/8"-24 X 4 1/4" (12.9001)							1			
	179850	BOLT, 3/8"-16 X 2 3/4" (12.9001)		3								
	103321	LOCKWASHER, 3/8" (12.9200)			3	3	1		2	3	3	
7.1630 - WIRE ASSY., GENERATOR TO REGULATOR												
	5100420	WIRE ASSY. (INCLUDES RECTIFIER)	1		1			1		1	1	1
	106498	LOCKWASHER, #12 (12.9200)						1		1	1	
	103089	NUT, 12-24 (12.9120)						1		1	1	

7.1000A BATTERY CHARGING GENERATOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			2 0 4	2 0 6	2 0 7	2 0 9	2 0 1	2 0 1	2 0 2	2 0 2	2 0 3	2 0 4	2 0 2	2 0 6
		7.1001 - GENERATOR ASSY.												
		SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO. FOR METRIC GENERATORS, USE METRIC BRACKETS AND HARDWARE.												
1A	5104711	GENERATOR, 14V, 75 AMP., CW/CCW	1											
1A	1102918	* ? GENERATOR, 24V., 40 AMP., CCW (NEGATIVE GROUND)		1								1		
1A	5105027	+ GENERATOR, 12V, 42 AMP., CW/CCW (NEGATIVE GROUND)						1	1	1				
1A	1100077	* ALTERNATOR, 24V., 65 AMP., CW/CCW (NEGATIVE GROUND)			1	1					1			
1A	5105026	% ALTERNATOR, 12V, 42 AMP. CW/CCW						1	1	1				
1A	1102940	* # GENERATOR, 12V., 24 AMP., CW/CCW (NEGATIVE GROUND)					1							1
	179847	BOLT, 3/8"-16 X 2 (12.9001)	1											
	186283	BOLT, 3/8"-16 X 3 1/2" (12.9001)	3											
	9437419	BOLT, 3/8"-16 X 7" (12.9001)	4											
	455537	BOLT, 3/8"-16 X 4" (12.9001)		1			1		1	1		1	1	
	9421889	BOLT, 3/8"-24 X 7" (12.9001)						1						
	9427945	BOLT, 1/2"-13 X 6 1/4" (12.9001)			1	1								
	186631	BOLT, 1/2"-13 X 2 1/4" (12.9001)									2			
	5131433	WASHER, .41" X .81" X .14" (1.5001)	8	2			2		2	2		2	2	
	5132715	WASHER, .53" X .94" X .12" (1.3140)			2	2					3			
	103321	LOCKWASHER, 3/8" (12.9200)	8	1			1	1	1	1		1	1	
	103323	LOCKWASHER, 1/2" (12.9200)			1	1								
	102635	NUT, 3/8"-16 (12.9120)		1			1		1	1		1	1	
	103026	NUT, 3/8"-24 (12.9120)						1						
	102637	NUT, 1/2"-13 (12.9120)			1	1					2			
		+ NOT SERVICED, FOR SERVICE USE COMPONENTS.												
		% NOT SERVICED, PROCURE FROM ARNO CORP. IN BRAZIL.												
		? NOT SERVICED, SUPERSEDED BY 1103123 (METRIC).												
		# NOT SERVICED, SUPERSEDED BY 1103131 (METRIC).												
		* NOT SERVICED BY DDA.												
		7.1005 - SHIELD, GENERATOR												
	5148769	SHIELD, HEAT (L.H.)			1	1								
	5148599	SHIELD, HEAT (L.H.)										1		
	179816	BOLT, 5/16"-18 X 3/4" (12.9001)				1								
	179835	BOLT, 3/8"-16 X 5/8" (12.9001)			1									
	179837	BOLT, 3/8"-16X3/4" (12.9001)										1		
	120393	WASHER, 5/16" (12.9190)				2								
	103341	WASHER, 3/8" (12.9190)										2		
	103320	LOCKWASHER, 5/16" (12.9200)				1							1	
	103321	LOCKWASHER, 3/8" (12.9200)												
	120376	NUT, 5/16"-18 (12.9120)				1								
	102635	NUT, 3/8"-16 (12.9120)										1		
		7.1440 - FAN, GENERATOR												
1A	1959703	* FAN (INCLUDES BAFFLE)					1	1	1	1		1		
1A	1970765	* FAN (INCLUDES BAFFLE) * NOT SERVICED BY DDA.		1									1	

7.1000A BATTERY CHARGING GENERATOR

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	2 0 0 4	2 0 0 6	2 0 0 7	2 0 0 9	2 0 1 2	2 0 1 9	2 0 2 0	2 0 2 2	2 0 2 3	2 0 2 4	2 0 2 6
7.1500 - PULLEY, GENERATOR													
IA	5132527	PULLEY, 2.76" DIA., 2 GROOVES		1			1	1	1	1		1	1
IA	5148796	PULLEY, 2.76" DIA., 2 GROOVES			1	1					1		
7.1505 - PULLEY, GENERATOR DRIVE													
	5134827	PULLEY, 4.66" DIA. 2 GROOVES										1	
	124543	KEY, 1/8" X 1/2" WOODRUFF (12.9350)										2	
	272906	NUT, 3/4"-16 (12.9140)										1	

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES										
..FIG ..	NUMBER ..	NAME AND DESCRIPTION ..										
		2 0 0 4	2 0 0 6	2 0 0 7	2 0 0 9	2 0 1 2	2 0 1 9	2 0 2 0	2 0 2 2	2 0 2 3	2 0 2 4	2 0 2 6
7.1507 - DRIVE ASSY., GENERATOR												
5106811	% DRIVE ASSY.									1		
272547	BOLT, 3/8"-16 X 6 1/2" (12.9001)									4		
179844	BOLT, 3/8"-16 X 1 5/8" (12.9001)									1		
103321	LOCKWASHER, 3/8" (12.9200)									5		
	% NOT SERVICED, FOR SERVICE USE COMPONENTS.											
7.1508 - GASKET, GENERATOR DRIVE												
5103476	GASKET	1								1		
7.1510 - HUB, GENERATOR DRIVE PULLEY												
5143234	HUB (1.7610)									1		
5143233	SHAFT (1.7640)									1		
7.1511 - HUB, FLANGED MOUNTED ALTERNATOR DRIVE												
5148881	HUB	1										
7.1515 - SEAL, GENERATOR DRIVE OIL												
5139505	SEAL (7.1516)	1										
5138710	SEAL (3.4160)									1		
5133682	SPACER, OIL SEAL (1.7665)									1		
7.1520 - RETAINER, GENERATOR DRIVE BEARING AND OIL SEAL												
5106610	RETAINER									1		
7.1535 - BEARING, GENERATOR DRIVE												
908002	BEARING (5.4332)									1		
7.1545 - LOCKRING, GENERATOR DRIVE BEARING												
274621	LOCKRING									1		
7.1560 - COUPLING, GENERATOR DRIVE												
5139545	COUPLING (1.7635)	1								1		

7.1000A BATTERY CHARGING GENERATOR

PART		NAME AND DESCRIPTION	TYPES									
FIG	NUMBER		2004	2006	2007	2009	2012	2019	2020	2022	2023	2024
7.1575 - BELT, GENERATOR DRIVE												
SIZES GIVEN ARE EFF. LENGTH AT WIDTH SHOWN. ALL BELTS ARE "PREMIUM" POLYESTER BELTS. UNLESS INDICATED (M.S.) "MILITARY STANDARD".												
A	5133173	BELT SET (2 BELTS, 42.50" L X .380" W.)		1					1	1		
A	5120937	BELT SET (2 BELTS, 41.62" L X .380" W.)					1					
A	5133175	BELT SET (2 BELTS, 39.00" L X .380" W.)						1				
A	5132591	BELT SET (2 BELTS, 46.00" L X .380" W.)			1							
A	5133177	BELT SET (2 BELTS, 37.00" L X .380" W.)				1						
A	5106553	BELT SET (2 BELTS, 32.00" L X .380" W.)							1			
A	5133172	BELT SET (2 BELTS, 43.00" L X .380" W.)									1	1

7.1000A BATTERY CHARGING GENERATOR

PART			TYPES											
..FIG	NUMBER	NAME AND DESCRIPTION	2 0 0 4	2 0 0 6	2 0 0 7	2 0 0 9	2 0 1 2	2 0 1 9	2 0 2 0	2 0 2 2	2 0 2 3	2 0 2 4	2 0 2 6	
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5102731	STRAP		1						1		1		
1A	5102125	STRAP						1						
1A	5148585	STRAP			1	1								
1A	5106551	STRAP									1			
1A	8920525	STRAP					1							
	5106913	STRAP											1	
	186624	BOLT, 5/16"-18 X 1 1/4" (12.9001)		1					1	1		1	1	
	179839	BOLT, 3/8"-16 X 1" (12.9001)						1						
	179884	BOLT, 1/2"-13 X 1 3/8" (12.9001)									1			
	186612	BOLT, 3/8"-16 X 1 3/8" (12.9001)			1	1								
	179882	BOLT, 1/2"-13 X 1 1/8" (12.9001)									1			
	442733	BOLT, 1/2"-13 X 1 1/4" (12.9001)			1	1								
	186629	BOLT, 5/16"-18 X 1" (12.9001)					1							
	5121403	WASHER, 21/64" X 1" X 3/16" (3.4080)		1			1		1	1		1	1	
	103341	WASHER, 3/8" (12.9190)			1	1								
	5117082	WASHER, 53" X 1.16" (3.4103)			1	1					1			
	103320	LOCKWASHER, 5/16" (12.9200)		1			1	1	1	1		1	1	
	103321	LOCKWASHER, 3/8" (12.9200)			1	1		1						
	103323	LOCKWASHER, 1/2" (12.9200)			1	1					2			
	120376	NUT, 5/16"-18 (12.9120)		1					1			1	1	
7.1581 - SPACER, GENERATOR ADJUSTING STRAP														
	5164294	SPACER, 7/8"-13/32" X 1/8"						1						
7.1582 - BRACKET, GENERATOR ADJUSTING STRAP														
	5102729	BRACKET		1					1	1		1	1	
	186629	BOLT, 5/16"-18 X 1" (12.9001)		1					1			1	1	
	186628	BOLT, 3/8"-16 X 1 1/2" (12.9001)								1				
	186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)		1					1			1		
	186678	BOLT, 3/8"-16 X 1" (12.9001)											1	
	103341	WASHER, 3/8" (12.9190)		1			1			1				
	103320	LOCKWASHER, 5/16" (12.9200)		1				1	1			1	1	
	103321	LOCKWASHER, 3/8" (12.9200)		1			1		1	1		1	1	
7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY														
	5132556	GUARD						1						
	5148779	GUARD		1					1					
	5148780	GUARD									1			
	125680	SCREW, 1/4"-20 X 5/8" (12.9030)		2						2	2			
	120628	SCREW, 1/4"-20 X 1/2"						1						
	5101265	RETAINER, SCREW 1/4"-20		2				1	2	2				
7.1586 - GUARD, FLANGED MOUNTED ALTERNATOR FAN														
	5103471	GUARD		1										

7.1000A BATTERY CHARGING GENERATOR

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	2 0 0 4	2 0 0 6	2 0 0 7	2 0 0 9	2 0 1 2	2 0 1 9	2 0 2 0	2 0 2 2	2 0 2 3	2 0 2 4	2 0 2 6	
	7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD													
	5129361	BRACKET						1						
	5148755	BRACKET		2					2	2				
	5137329	BRACKET			1	1								
	5131201	BRACKET										1		
	7.1588 - ADAPTOR, FLANGE MOUNTED ALTERNATOR													
	5103472	ADAPTOR	1											
	7.1589 - GASKET, FLANGE MOUNTED ALTERNATOR ADAPTOR													
	5103475	GASKET	1											
	7.1590 - SPACER, GENERATOR DRIVE BELT AND PULLEY GUARD													
	5147868	SPACER, 7/8" X 15/32" X 2.66"						1						
	7.1595 - BRACKET, GENERATOR MOUNTING													
A	5102005	BRACKET (RH)		1					1					
A	5102004	BRACKET (LH)			1	1								
A	5106552	BRACKET									1			
A	5102124	BRACKET (LH)						1						
A	5102002	BRACKET (LH)					1		1	1		1		
A	5106980	BRACKET (RH)											1	
	5137947	BUSHING		1			1	1	1	1		1	1	
	186314	BOLT, 3/8"-24 X 4 1/4" (12.9001)										1		
	5148840	SPACER, 1.06" THICK				1	1					1		
	5164294	SPACER, 7/8"-13/32" X 1/8" THICK (7.1581)						2						
	186628	BOLT, 3/8"-16 X 1 1/2" (12.9001)		3			3		3	3	2			
	9414215	BOLT, 3/8"-16 X 2 1/2" (12.9001)			3	3						3		
	5157244	BOLT, 3/8"-16 X 1 3/4" SPL. (4.4190)						1						
	179823	BOLT, 5/16-18 X 1 5/8" (12.9001)						2						
	186622	BOLT, 3/8"-16 X 1 1/4" (12.9001)											2	
	427588	BOLT, 3/8"-16 X 2 1/2" (12.9001)											1	
	103321	LOCKWASHER, 3/8" (12.9200)		3	1		3	1	3	3	2		3	
	103320	LOCKWASHER, 5/16" (12.9200)						2						
	102635	NUT, 3/8"-16 (12.9120)			1									
	7.1598 - SPACER, GENERATOR AND MOUNTING BRACKET													
	5142841	SPACER, 7/8" X 13/32 X 1.18"						1						
	5126962	SPACER, 3/8" PIPE 2.76" L.						1						
	179850	BOLT, 3/8"-16 X 2 3/4" (12.9001)						1						
	9418964	BOLT, 3/8"-16 X 5" (12.9001)						1						
	103321	LOCKWASHER, 3/8" (12.9200)						2						

7.1000A BATTERY CHARGING GENERATOR

PART FIG . . . NUMBER NAME AND DESCRIPTION	TYPES										
	2 0 0 4	2 0 0 6	2 0 0 7	2 0 0 9	2 0 1 2	2 0 1 9	2 0 2 0	2 0 2 2	2 0 2 3	2 0 2 4	2 0 2 6
7.1630 - WIRE ASSY., GENERATOR TO REGULATOR											
5100420 WIRE ASSY. (INCLUDES RECTIFIER)		1			1	1	1	1		1	1
106498 LOCKWASHER, #12 (12.9200)		1			1	1	1	1		1	1
103089 NUT, 12-24 (12.9120)		1			1	1	1	1		1	1

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	209	2031	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065
7.1001 - GENERATOR ASSY.														
SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO. FOR METRIC GENERATORS, USE METRIC MOUNTING BRACKETS AND HARDWARE.														
A	1100081	* GENERATOR, 12V, 65 AMP., CW/CCW	1											
A	5146719	# GENERATOR, 28V, 60 AMP., CW/CCW		1										
	1103131	* GENERATOR, 12V, 42 AMP., CW/CCW (METRIC)			1	1	1	1		1	1	1	1	1
	1100092	* GENERATOR, 12V, 18 AMP. CW/CCW (METRIC)							1					
	9427945	BOLT, 1/2"-13 X 6 1/4" (12.9001)	1											
	11500730	BOLT, M10X1.5X110 MM (12.9001)			1	1	1	1	1	1	1	1	1	1
	179862	BOLT, 7/16"-14 X 1 1/2" (12.9001)		2										
	103323	LOCKWASHER, 1/2" (12.9200)	1											
	178571	LOCKWASHER, 7/16" (12.9215)		2										
	11500192	LOCKWASHER, M10 (12.9200)			1	1	1	1	1	1	1	1	1	1
	5132715	WASHER, .53" X .94" X .12" (1.3140)	2											
	5131433	WASHER, .41 X .81 X .14 (1.5001)			2	2	2	2	2	2	2	2	2	2
	5125608	WASHER, 15/32" X 3/4" X 1/8" (1.3112)		1										
	102637	NUT, 1/2"-13 (12.9120)	1											
	11501052	NUT, M10 1.5 (12.9120)			1	1	1	1	1	1	1	1	1	1
# SERVICED AS ASSY.; FOR COMPONENTS CONTACT LEECE NEVILLE CORP. FURNISH THEIR ASSY. NUMBER A001-3002AD. NOTE: GENERATOR INCLUDES SELF-RECTIFIED BUILT-IN REGULATOR. * NOT SERVICED BY DDA.														
7.1005 - SHIELD, GENERATOR														
	5143583	SHIELD		1										
	5148767	SHIELD (R.H.)										1		1
	5148599	SHIELD (L.H.)											1	
	180120	BOLT, 3/8"-16 X 3/4" (12.9001)		2										
	178551	LOCKWASHER, 3/8" (12.9215)		2										
	123221	NUT, 3/8"-16 (12.9120)		2										

7.1000A BATTERY CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	2029	2031	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065
7.1440 - FAN, GENERATOR														
	1970765	* FAN (INCLUDES BAFFLE)			1		1		1	1		1		1
	1959703	* FAN (INCLUDES BAFFLE)				1		1			1		1	
* NOT SERVICED BY DDA.														
7.1500 - PULLEY, GENERATOR														
1A	5148796	PULLEY, 2.76" DIA., 2 GROOVES	1											
1A	5136692	PULLEY, 2.76" DIA., 2 GROOVES		1										
1A	5132527	PULLEY, 2.76" DIA., 2 GROOVES			1	1	1	1	1	1	1	1	1	1
7.1575 - BELT, GENERATOR DRIVE														
SIZES GIVEN ARE EFF. LENGTH AT WIDTH SHOWN. ALL BELTS ARE "PREMIUM" POLYESTER BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD".														
1A	5133172	BELT SET (2 BELTS, 43.00" L X .380" W.)	1									1	1	
1A	5136878	BELT SET (2 BELTS, 44.00" L X .380" W.)		1										
1A	5133173	BELT SET (2 BELTS, 42.00" L X .380" W.)			1	1	1	1	1	1	1			
1A	5181329	BELT SET (2 BELTS, 32.00" L)												1
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5148223	STRAP	1											
1A	5102731	STRAP			1	1	1	1	1	1	1	1	1	1
1A	5141952	STRAP		1										
	442733	BOLT, 1/2"-13 X 1 1/4" (12.9001)	1											
	186678	BOLT, 3/8"-16 X 1" (12.9001)		2										
	186622	BOLT, 3/8"-16 X 1 1/4" (12.9001)	1											
	186624	BOLT, 5/16"-18 X 1 1/4" (12.9001)			1	1	1	1	1	1	1	1	1	1
	5117082	WASHER, .53" X 1.16" (3.4103)	1											
	5150230	WASHER, 3/8" X 1 3/16" (3.4120)		1										
	5159080	WASHER, 3/4" X .078" (2.7260)		1										
	103341	WASHER, 3/8" (12.9190)	1											

7.1000A BATTERY CHARGING GENERATOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			2 0 2 9	2 0 3 1	2 0 5 6	2 0 5 7	2 0 5 8	2 0 5 9	2 0 6 0	2 0 6 1	2 0 6 2	2 0 6 3	2 0 6 4	2 0 6 5
		7.1580 - STRAP, GENERATOR ADJUSTING (CONT'D)												
	5121403	WASHER, 21/64" X 1" X 3/16" (3.4080)			1	1	1	1	1	1	1	1	1	1
	103321	LOCKWASHER, 3/8" (12.9200)	1											
	103323	LOCKWASHER, 1/2" (12.9200)	1											
	178551	LOCKWASHER, 3/8" (12.9215)		2										
	103320	LOCKWASHER, 5/16" (12.9200)			1	1	1	1	1	1	1	1	1	1
	102635	NUT, 3/8"-16 (12.9120)	1											
	120376	NUT, 5/16-18 (12.9120)			1	1	1	1	1	1	1	1	1	1
		7.1582 - BRACKET, GENERATOR ADJUSTING STRAP												
	5102729	BRACKET			1	1	1	1	1	1	1	1	1	1
	11500868	BOLT, M8X1.25X30 MM (12.9001)			1	1	1	1	1	1	1	1	1	1
	186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)			1	1	1	1	1	1	1	1	1	1
	103341	WASHER, 3/8" (12.9190)					1							
	11500191	LOCKWASHER, M8 (12.9200)			1	1	1	1	1	1	1	1	1	1
	103321	LOCKWASHER, 3/8" (12.9200)			1	1	1	1	1	1	1	1	1	1
		7.1585 - GUARD, GENERATOR DRIVE BELT AND PULLEY												
	5148781	GUARD			1									
	5148782	GUARD				1								
	5148779	GUARD					1							
	5148780	GUARD						1						
		7.1587 - BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD												
	5131201	BRACKET		1								1	1	1
	5148755	BRACKET			1	1	2	2						
	5126113	BRACKET			2	2								
	5177469	SPACER, 13/32"X1 3/16" (7.1585) (7.1585)			1	1								
	125680	SCREW, 1/4"-20 X 5/8" (12.9030)			3	3	2	2						
	5101265	RETAINER, CLIP			3	3	2	2						
	179816	BOLT, 5/16"-18 X 3/4" (12.9001)										1	1	1
	120393	WASHER, 5/16" (12.9190)										2	2	2
	103320	LOCKWASHER, 5/16" (12.9200)										1	1	1
	120376	NUT, 5/16"-18 (12.9120)										1	1	1
		7.1595 - BRACKET, GENERATOR MOUNTING												
	5102004	BRACKET (LH)	1											
	5136712	BRACKET		1										
	8921666	BRACKET (R.H.) (METRIC)			1		1		1	1		1		1
	8921620	BRACKET (L.H.) (METRIC)				1		1			1		1	

7.1000A BATTERY CHARGING GENERATOR

PART ..FIG .. NUMBER	NAME AND DESCRIPTION	TYPES											
		2 0 2 9	2 0 3 1	2 0 5 6	2 0 5 7	2 0 5 8	2 0 5 9	2 0 6 0	2 0 6 1	2 0 6 2	2 0 6 3	2 0 6 4	2 0 6 5
7.1595 -	BRACKET, GENERATOR MOUNTING (CONT'D)												
5137947	BUSHING			1	1	1	1	1	1	1	1	1	1
5148840	SPACER, 1.06" THK.										1	1	1
5143584	PLATE (7.1596)		1										
186628	BOLT, 3/8"-16 X 1 1/2" (12.9001)	3		3	3	3	3	3	3	3		3	3
9414215	BOLT, 3/8"-16 X 2 1/2" (12.9001)										3	3	3
454907	BOLT, 3/8"-16 X 2 1/4" (12.9001)		3										
103321	LOCKWASHER, 3/8" (12.9200)	3		3	3	3	3		3	3			
178551	LOCKWASHER, 3/8" (12.9215)		3										
7.1630 -	WIRE ASSY., GENERATOR TO REGULATOR												
5100420	WIRE ASSY. (INCLUDES RECTIFIER)			1	1	1	1	1	1	1	1	1	1
11504530	LOCKNUT, M6 (12.9120)			1	1	1	1	1	1	1	1	1	1

7.1000A BATTERY CHARGING GENERATOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			2 0 6 6	2 0 6 7	2 0 6 8	2 0 6 9	2 0 7 0	2 0 7 1	2 0 7 2	2 0 7 3	2 0 7 5	2 0 7 6	2 0 7 7	2 0 7 8
		7.1001 - GENERATOR ASSY.												
		SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO. FOR METRIC GENERATORS, USE METRIC MOUNTING BRACKETS AND HARDWARE.												
	1103131	* GENERATOR, 12V. 42 AMP. CW/CCW (METRIC)	1	1		1	1	1			1		1	
	1103123	* GENERATOR, 24V. 42 AMP. CCW (METRIC)			1				1	1		1		1
	11500730	BOLT, M10 X 1.5 X 110 MM (12.9001)	1	1	1		1	1	1	1	1	1	1	1
	11501798	BOLT, M10X1.5X180 MM (12.9001)				1								
	5131433	WASHER, .41" X .81" X .14" (1.5001)	1					2		2		2	2	2
	11500192	LOCKWASHER, M10 (12.9200)	1	1	1	1	1	1	1	1	1	1	1	1
	11501052	NUT, M10 X 1.5 (12.9120)	1	1	1	1	1	1	1	1	1	1	1	1
		* NOT SERVICED BY DDA.												
		7.1005 - SHIELD, GENERATOR												
	5148599	SHIELD, HEAT (L.H.)												1
	179816	BOLT, 5/16"-18 X 3/4" (12.9001)												1
	120393	WASHER, 5/16" (12.9190)												2
	103320	LOCKWASHER, 5/16" (12.9200)												1
	120376	NUT, 5/16"-18 (12.9120)												1
		7.1440 - FAN, GENERATOR												
	1970765	* FAN (INCLUDES BAFFLE)	1			1	1	1	1	1	1	1		
	1959703	* FAN (INCLUDES BAFFLE) * NOT SERVICED BY DDA.		1	1								1	1
		7.1500 - PULLEY, GENERATOR												
A	5132527	PULLEY, 2.76" DIA. 2 GROOVES	1	1	1	1	1	1	1	1	1	1	1	1
		7.1575 - BELT, GENERATOR DRIVE												
		ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD" OR "POLY-VEE" ARE "PREMIUM POLYESTER BELTS."												
A	5181329	BELT SET (2 BELTS 32" L. X .380" W.)	1											
A	5133177	BELT SET (2 BELTS 37" L. X .380" W.)		1	1									

7.1000A BATTERY CHARGING GENERATOR

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	2066	2067	2068	2069	2070	2071	2072	2073	2075	2076	2077	2078
7.1575 - BELT, GENERATOR DRIVE (CONT'D)														
1A	5133175	BELT SET (2 BELTS 39" L. X .380" W.)												
		COGGED				1	1		1					
1A	5133173	BELT SET (2 BELTS 42" L. X .380" W.)												
		COGGED						1		1		1		
1A	5120937	BELT SET (2 BELTS 41.62" L. X .380" W.)									1		1	
1A	5133172	BELT SET (2 BELTS 43" L. X .380" W.)												1
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5102731	STRAP	1					1		1		1		1
1A	5102078	STRAP		1	1									
1A	5102125	STRAP				1	1		1					
1A	5106562	STRAP									1			
	8920525	STRAP											1	
	186624	BOLT, 5/16"-18 X 1 1/4" (12.9001)	1							1		1		1
	179846	BOLT, 3/8"-16 X 1 7/8" (12.9001)		1	1									
	11500868	BOLT, M8 X 1.25 X 30 MM (12.9001)		1	1		1	1		1			1	
	179839	BOLT, 3/8"-16 X 1" (12.9001)				1	1							
	186625	BOLT, 5/16"-18 X 7/8" (12.9001)						1						
	5101377	BOLT, 3/8"-16 X 1" (5.2020)							1					
	186622	BOLT, 3/8"-16X1 1/4" (12.9001)									1		1	
	5121403	WASHER, 21/64" X 1" X 3/16" (3.4080)	1					1		1	1	1	1	1
	103320	LOCKWASHER, 5/16" (12.9200)	1					1		1		1		1
	11500191	LOCKWASHER, M8 (12.9200)		1	1	1	1		1		1		1	
	103321	LOCKWASHER, 3/8" (12.9200)		1	1	1	1		1		1		1	
	120376	NUT, 5/16"-18 (12.9120)	1					1		1		1		1
	102635	NUT, 3/8"-16 (12.9120)		1	1									
7.1581 - SPACER, GENERATOR ADJUSTING STRAP														
	5164294	SPACER, 7/8"X13/32"X1/8"		1	1	1	1	1	1					
7.1582 - BRACKET, GENERATOR ADJUSTING STRAP														
	5102729	BRACKET	1					1		1		1		1
	11500868	BOLT, M8 X 1.25 X 30 MM (12.9001)	1					1		1		1		1
	186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)	1					1		1		1		1
	103341	WASHER, 3/8" (12.9190)										1		
	11500191	LOCKWASHER, M8 (12.9200)	1					1		1		1		1
	103321	LOCKWASHER, 3/8" (12.9200)	1					1		1		1		1

7.1000A BATTERY CHARGING GENERATOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			2 0 6 6	2 0 6 7	2 0 6 8	2 0 6 9	2 0 7 0	2 0 7 1	2 0 7 2	2 0 7 3	2 0 7 5	2 0 7 6	2 0 7 7	2 0 7 8
	7.1585	GUARD, GENERATOR DRIVE BELT AND PULLEY												
	5132556	GUARD				1								
	5148779	GUARD										1		
	120628	SCREW, 1/4"-20 X 1/2"				1								
	125680	SCREW, 1/4" X 5/8" (12.9030)										2		
	5101265	RETAINER, SCREW 1/4"-20				1						2		
	7.1587	BRACKET, GENERATOR DRIVE BELT AND PULLEY GUARD												
	5129361	BRACKET				1								
	5148755	BRACKET										2		
	5131201	BRACKET												1
	7.1590	SPACER, GENERATOR DRIVE BELT AND PULLEY GUARD												
	5147868	SPACER, 7/8" X 15/32" X 2.66"				1								
	7.1595	BRACKET, GENERATOR MOUNTING												
A	8921666	BRACKET	1					1		1	1	1		
A	8921617	BRACKET		1	1									
A	8921667	BRACKET				1	1		1					
A	8921620	BRACKET											1	1
	5137947	BUSHING	1	1	1	1	1	1	1	1	1	1	1	1
	5164294	SPACER, 7/8" 13/32" X 1/8"		2	2	2	2		2					
	5148840	SPACER, 1.06" THK.												1
	186628	BOLT, 3/8"-16 X 1 1/2" (12.9001)	3					3		3	3	3	3	
	5101377	BOLT, 3/8"-16 X 1" (5.2020)		3	3									
	5157244	BOLT, 3/8"-16 X 1 3/4" (4.4190)				1	1		1					
	179823	BOLT, 5/16"-18 X 1 5/8" (12.9001)				2	2		2					
	9414215	BOLT, 3/8"-16 X 2 1/2" (12.9001)												3
	103321	LOCKWASHER, 3/8" (12.9200)	3	3	3	1	1	3	1	3	3	3	3	
	103320	LOCKWASHER, 5/16" (12.9200)				2	2		2					
	7.1598	SPACER, GENERATOR AND MOUNTING BRACKET												
	5142841	SPACER, 7/8" X 13/32" X 1.18"				1								
	5126962	SPACER, 3/8" PIPE 2.76" L.				1								
	179850	BOLT, 3/8"-16 X 2 3/4" (12.9001)				1								
	9418964	BOLT, 3/8"-16 X 5" (12.9001)				1								
	103321	LOCKWASHER, 3/8" (12.9200)				2								
	7.1630	WIRE ASSY., GENERATOR TO REGULATOR												
	5100430	WIRE ASSY. (INCLUDES RECTIFIER)	1	1	1	1	1	1	1	1	1	1	1	1
	11504530	LOCKNUT, M6 (12.9120)	1	1	1	1	1	1	1	1	1	1	1	1

7.1000A BATTERY, CHARGING GENERATOR

FIG	PART NUMBER	NAME AND DESCRIPTION	TYPES											
			2 0 0	2 0 1	2 0 3	2 0 6	2 0 8	2 0 9	2 0 9	2 1 1	2 1 2	2 1 3	2 1 4	2 1 6
		7.1001 - GENERATOR ASSY.												
		SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THROUGH AC DELCO. FOR METRIC GENERATORS, USE METRIC MOUNTING BRACKETS AND HARDWARE.												
		1105069 * GENERATOR, 12V., 42 AMP., CW/CCW												
		(METRIC)	1	1										
		1105179 * GENERATOR, 24V., 40 AMP., CW/CCW												
		(METRIC)			1								1	
1A		1100081 * GENERATOR, 12V. 65 AMP., CW/CCW						1		1			1	
		5146719 # GENERATOR, 28V., 60 AMP CW/CCW												
		(#A001-3002AD)								1				
		1100077 * GENERATOR, 24V., 65 AMP CW/CCW									1			
		8922757 # GENERATOR, 28V., 65 AMP CW/CCW										1		
		(#A001090640)												
		11500730 BOLT, M10 X 1.5 X 110 MM (12.9001)	1	1	1			1						1
		179847 BOLT, 3/8"-16X2" (12.9001)						1						
		186283 BOLT, 3/8"-16X3 1/2" (12.9001)						3						
		9437419 BOLT, 3/8"-16X7" (12.9001)						4						
		179862 BOLT, 7/16"-14X1 1/2 (12.9001)								2				
		9427945 BOLT, 1/2"-13 X 6 1/4" (12.9001)						1			1	1	1	
		5131433 WASHER, .41" X .81" X .14" THK.												
		(1.5001)	2	2	2		8		2					2
		5132715 WASHER, .53" X .94" X .12" THK.												
		(1.3140)							2		2	2	2	1
		11500192 LOCKWASHER, M10 (12.9200)	1	1	1			8						
		103321 LOCKWASHER, 3/8" (12.9200)												
		103323 LOCKWASHER, 1/2" (12.9200)						1			1	1		
		178571 LOCKWASHER, 7/16" (12.9215)								2				
		11501052 NUT, M10 X 1.5 (12.9120)	1	1	1								1	
		102637 NUT, 1/2"-13 (12.9120)						1			1	1	1	
		* NOT SERVICED BY DDA.												
		# SERVICED AS ASSY., FOR COMPONENTS CONTACTS LEECE NEVILLE CORP. FURNISH THEIR ASSY NUMBER.												
		7.1005 - SHIELD, GENERATOR												
		5148769 SHIELD, HEAT (L.H.)						1			1			1
		5148599 SHIELD, HEAT (L.H.)							1					
		5137329 BRACKET (90 DEG.)						1			1			1
		5131201 BRACKET (7.1587)							1					
		179816 BOLT, 5/16"-18 X 3/4" (12.9001)						1			1			1
		120393 WASHER, 5/16" (12.9190)						2			2			2
		103320 LOCKWASHER, 5/16" (12.9200)						1			1			1
		120376 NUT, 5/16"-18 (12.9120)						1			1			1
		7.1440 - FAN, GENERATOR												
		1959703 * FAN (INCLUDES BAFFLE)	1											
		1970765 * FAN (INCLUDES BAFFLE)		1	1									
		* NOT SERVICED BY DDA.												
		7.1500 - PULLEY, GENERATOR												
1A		5132527 PULLEY, 2.76" DIA. 2 GROOVES	1	1	1				1				1	
1A		5148796 PULLEY, 2.76" DIA. 2 GROOVES						1			1	1		1
1A		5136692 PULLEY, 2.76" DIA. 2 GROOVES							1					

DETROIT DIESEL

53 MPC ENGINES

7.1000A BATTERY, CHARGING GENERATOR

PART		TYPES											
FIG . . .	NUMBER	NAME AND DESCRIPTION											
		2 0 8 0	2 0 8 1	2 0 8 3	2 0 8 6	2 0 8 9	2 0 9 9	2 1 0 1	2 1 0 2	2 1 0 3	2 1 0 4	2 1 0 6	2 1 1 0
	7.1508 - GASKET, GENERATOR DRIVE												
5103476	GASKET				1								
	7.1511 - HUB, FLANGE MOUNTED ALTERNATOR DRIVE												
5148881	HUB				1								
	7.1515 - SEAL, GENERATOR DRIVE OIL												
5139505	SEAL				1								

7.1000A BATTERY, CHARGING GENERATOR

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	2 0 8 0	2 0 8 1	2 0 8 3	2 0 8 6	2 0 8 9	2 0 8 9	2 1 0 1	2 1 0 2	2 1 0 3	2 1 0 4	2 1 0 6	2 1 0 0
7.1575 - BELT, GENERATOR DRIVE														
ALL BELTS UNLESS INDICATED (M.S.) "MILITARY STANDARD" OR "POLY-VEE" ARE "PREMIUM" POLYESTER BELTS.														
1A	5181329	BELT SET (2 BELTS, 32" L. X .380" W.)	1											
1A	5133174	BELT SET (2 BELTS, 40" L. X .380" W.)		1	1									
1A	5132591	BELT SET (2 BELTS, 46" L. X .380" W.)					1					1		
1A	5133172	BELT SET (2 BELTS, 43" L. X .380" W.)						1			1			
1A	5134089	BELT SET (2 BELTS, 35" L. X .380" W.) (1.3320)							1					
1A	5133177	BELT SET (2 BELTS, 37" L. X .380" W.)								1				
1A	5133173	BELT SET (2 BELTS 42" L. X .380" W.)											1	
7.1580 - STRAP, GENERATOR ADJUSTING														
1A	5102731	STRAP	1											1
1A	5103769	STRAP		1	1									
1A	5148585	STRAP					1			1		1		1
1A	5141952	STRAP							1					
1A	5148287	STRAP									1			
	186624	BOLT, 5/16"-18 X 1/4" (12.9001)	1										1	
	11500869	BOLT, M8 X 1.25 X 35.0 MM (12.9001)		1	1									
	186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)		1	1							1		
	186612	BOLT, 3/8"-16 X 1 3/8" (12.9001)					1			1		1		1
	442733	BOLT, 1/2"-13 X 1 1/4" (12.9001)					1			1	1	1		
	186678	BOLT, 3/8"-16X1" (12.9001)							2					
	5121403	WASHER, 21/64" X 1" X 3/16" (3.4080)	1	1	1								1	
	103341	WASHER, 3/8" (12.9190)		1	1		1			1		1		1
	5117082	WASHER, .53" X 1.16" (3.4103)					1			1	1	1		
	5150230	WASHER, 3/8"X1 3/16" (3.4120)							1					
	5159080	WASHER, 3/4" O.D.X.078" (2.7260)							1					
	103320	LOCKWASHER, 5/16" (12.9200)	1										1	
	11500191	LOCKWASHER, M8 (12.9200)		1	1									
	103321	LOCKWASHER, 3/8" (12.9200)		1	1		1			1	1	1		1
	103323	LOCKWASHER, 1/2" (12.9200)					1			1	1	1		
	178551	LOCKWASHER, 3/8" (12.9215)							2					
	120376	NUT, 5/16"-18 (12.9120)	1								1		1	
7.1582 - BRACKET, GENERATOR ADJUSTING STRAP														
	5102729	BRACKET	1											1
	11500868	BOLT, M8 X 1.25 X 30 MM (12.9001)	1											1
	186619	BOLT, 3/8"-16 X 1 1/8" (12.9001)	1											1
	11500191	LOCKWASHER, M8 (12.9200)	1											1
	103321	LOCKWASHER, 3/8" (12.9200)	1											1
7.1586 - GUARD, FLANGE MOUNTED ALTERNATOR FAN														
	5103471	GUARD					1							
7.1588 - ADAPTOR, FLANGE MOUNTED ALTERNATOR														
	5103472	ADAPTOR					1							

7.1000A BATTERY, CHARGING GENERATOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		2 0 8 0	2 0 8 1	2 0 8 3	2 0 8 6	2 0 8 9	2 0 9 9	2 1 0 1	2 1 0 2	2 1 0 3	2 1 0 4	2 1 0 6	2 1 1 0	
	7.1589 - GASKET, FLANGE MOUNTED ALTERNATOR ADAPTOR													
	5103475 GASKET				1									

7.1000A BATTERY, CHARGING GENERATOR

[illegible]

7.1000A BATTERY, CHARGING GENERATOR

PART		TYPES									
FIG	NUMBER	NAME AND DESCRIPTION	2	1	2	1	2	1	2	1	2
			7	8	3						
		7.1001 - GENERATOR ASSY.									
		SERVICE ON ELECTRICAL EQUIPMENT (*)									
		IN THIS SECTION IS HANDLED THROUGH									
		AC DELCO.									
		FOR METRIC GENERATORS, USE METRIC									
		MOUNTING BRACKETS AND HARDWARE.									
	1105069	* GENERATOR, 12V., 42 AMP., CW/CCW									
		(METRIC)	1								
	11500730	BOLT, M10 X 1.5 X 110 MM (12.9001)	1								
	5131433	WASHER, 4.1"X.81"X.14" THK. (1.5001)	2								
	11500192	LOCKWASHER, M10 (12.9200)	1								
	11501052	NUT, M10X1.5 (12.9120)	1								
		* NOT SERVICED BY DDA.									
		7.1440 - FAN, GENERATOR									
	1970765	* FAN (INCLUDES BAFFLE)	1								
		* NOT SERVICED BY DDA.									
		7.1500 - PULLEY, GENERATOR									
IA	5132527	PULLEY, 2.76" DIA. 2 GROOVES	1								
		7.1575 - BELT, GENERATOR DRIVE									
		ALL BELTS UNLESS INDICATED (M.S.)									
		"MILITARY STANDARD" OR "POLY-VEE"									
		ARE "PREMIUM" POLYESTER BELTS.									
	5133175	BELT SET (2 BELTS 39" L.X.380" W)	1								
		7.1580 - STRAP, GENERATOR ADJUSTING									
A	5103769	STRAP	1								
A	5147006	STRAP			1						
	179838	BOLT, 3/8"-16X7/8" (12.9001)			1						
	11500869	BOLT, M8X1.25X35.0MM (12.9001)	1								
	186619	BOLT, 3/8"-16X1 1/8" (12.9001)	1								
	5121403	WASHER, 21/64"X1"X3/16" (3.4080)	1								
	103341	WASHER, 3/8" (12.9190)	1								
	11500191	LOCKWASHER, M8 (12.9200)	1								
	103321	LOCKWASHER, 3/8" (12.9200)	1								
	178551	LOCKWASHER, 3/8" (12.9215)			1						
		7.1595 - BRACKET, GENERATOR MOUNTING									
	8921618	BRACKET (R.H.) (METRIC)	1								
	5147007	BRACKET (R.H.)		1	1						
	5137947	BUSHING	1								
	186612	BOLT, 3/8"-16X1 3/8" (12.9001)	3								
	454906	BOLT, 3/8"-16X1 1/2" (12.9001)			3	3					
	178551	LOCKWASHER, 3/8" (12.9215)			3	3					
	103321	LOCKWASHER, 3/8" (12.9200)	3								

7.1000A BATTERY, CHARGING GENERATOR

PART		TYPES									
..FIG	NUMBER	NAME AND DESCRIPTION	2	1	2	1	2	1	2	1	2
			1	2	1	2	1	2	1	2	1
			2	1	2	1	2	1	2	1	2
			7	8	3						
		7.1630 - WIRE ASSY. GENERATOR TO REGULATOR									
		5100420 WIRE ASSY. (INCLUDES RECTIFIER)	1								
		11504530 LOCKNUT, M6 (12.9120)	1								

7.3000A STARTING MOTOR

PART			TYPES														
FIG	NUMBER	NAME AND DESCRIPTION	20	24	34	35	170	174	178	180	188	190	200	204	205		
7.3001 - MOTOR ASSY., STARTING																	
FOR TYPE 15 USE TYPE 348.																	
FOR TYPE 141 USE TYPE 210.																	
NOTE: SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THRU AC DELCO.																	
3A	1113908	* MOTOR ASSY., 32V. CW. INSL. SPRAG.	1														
3A	1113846	* MOTOR ASSY., 12V. CW. INSL. SPRAG.		1													
3A	1113856	* MOTOR ASSY., 24V. C.C.W. INSL. SPRAG			1												
3A	1113905	* MOTOR ASSY., 12V. CW. INSL. SPRAG.				1											
3A	1113236	* MOTOR ASSY., 12V., C.W., GRD. SPRAG					1										
3A	1113216	* MOTOR ASSY., 12V., C.W., GRD. SPRAG						1									
3A	1108654	* MOTOR ASSY., 12V. CCW. GRD. SPRAG.							1								
3A	1113228	* MOTOR ASSY. 12V. CCW. GRD. SPRAG.								1							
3A	1113237	* MOTOR ASSY., 12V., C.W., GRD. SPRAG									1						
3A	1107524	* MOTOR ASSY. 12V. CCW. GRD. SPRAG.										1					
3A	1114896	* MOTOR ASSY. 12V. C.W. ROLL CLUTCH											1				
3A	1114927	* MOTOR ASSY. 12V. C.W. INSL ROLL CLUTCH												1			
3A	1114079	* MOTOR ASSY. 12V. C.C.W. INSL. SPRAG													1		
3A	9418228	BOLT, 5/8"-11X1 3/4", 12 PT. (12.9005)	1	3	3	3	4	3	3	3	3	1	3	1	3		
1A	223435	BOLT, 5/8"-11X1 3/4" (12.9001)	2				2					2		2			
1A	103325	LOCKWASHER, 5/8" (12.9200) * NOT SERVICED BY DDA.	3	3	3	3	3	3		3	3		3	3	3		
7.3004 - GASKET, STARTING MOTOR																	
1A	5130995	GASKET (W/WET FLYWHEEL HOUSING)	1	1	1	1	1	1	1	1	1	1	1	1	1		

7.3000A STARTING MOTOR

PART		TYPES															
FIG	NUMBER	NAME AND DESCRIPTION	2 0 6	2 0 8	2 0 8	2 1 0	2 1 1	2 1 2	2 1 3	2 1 9	2 2 2	2 2 7	2 3 1	2 3 4	2 4 3	2 4 4	
7.3001 - MOTOR ASSY., STARTING																	
NOTE: SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THRU AC DELCO.																	
3A	1114921	* MOTOR ASSY. 24V. C.W. INSL.	1														
3A	5106714	# MOTOR ASSY., 24V. C.W. INSL. SPRAG		1													
3A	1113256	* MOTOR ASSY. 24V. C.W. INSL. SPRAG				1											
3A	1113163	* MOTOR ASSY. 24V. CCW. INSL. SPRAG					1										
3A	1113208	* MOTOR ASSY. (24V., C.W., GRD. SPRAG)						1									
3A	1113237	* MOTOR ASSY. (12V., C.W., GRD. SPRAG)							1								
3A	1114896	* MOTOR ASSY. 12V. C.W. ROLL CLUTCH								1							
3A	1113871	* MOTOR ASSY. 32V. C.W. INSL. SPRAG									1						
3A	1113870	* MOTOR ASSY. 32V. C.C.W. INSL. SPRAG										1					
3A	1113236	* MOTOR ASSY. (12V., C.W., GRD. SPRAG)											1				
3A	1113184	* MOTOR ASSY. (12V., C.W., GRD. SPRAG)												1			
3A	1113188	+ MOTOR ASSY. (24V., C.W., GRD. SPRAG)													1		
3A	1113847	* MOTOR ASSY. 24V. C.W. INSL. SPRAG														1	
3A	9418228	BOLT, 5/8"-11X1 3/4", 12 PT. (12.9005)	4	3	2	3	3	3	3	3	3	3	3	1		3	
3A	5131967	BOLT, 5/8"-11X1 3/4", 12 PT. (12.9001)													3		
3A	223435	BOLT, 5/8"-11X1 3/4" (12.9001)												2			
3A	103325	LOCKWASHER, 5/8" (12.9200)	3	3	3	2	3	3	3	3	3	3	3	3	3	3	
+ OBSOLETE.																	
# NOT SERVICED BY DDA, PROCURE THRU LEECE NEVILLE CO.																	
7.3004 - GASKET, STARTING MOTOR																	
3A	5130995	GASKET (W/WET FLYWHEEL HOUSING)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
7.3242 - STRAP, STARTING MOTOR GROUND																	
	8920509	STRAP (7.2040)		1	1												
	103342	WASHER, 7/16" (12.9190)		1	1												
	178551	LOCKWASHER, 3/8" (12.9200)		1	1												

7.3000A STARTING MOTOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	249	250	253	255	260	270	272	273	293	297	298	299
7.3001 - MOTOR ASSY., STARTING														
NOTE: SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THRU AC DELCO.														
3A	1107524	* MOTOR ASSY., 12V. CCW. GRD. SPRAG.	1											
3A	1113236	* MOTOR ASSY., 12V., CW. GRD. SPRAG		1		1								
3A	1114921	* MOTOR ASSY., 24V. CW. INSL.			1									
3A	5106713	# MOTOR ASSY., 24V. CW. ROTATION					1							
3A	5106714	# MOTOR ASSY., 24V. CW. INSL. SPRAG.						1						
3A	1113189	* MOTOR ASSY., 24V., CW. GRD. SPRAG							1					
3A	1114052	* MOTOR ASSY., 11V. C.W. INSL. SPRAG.								1				
3A	1113221	* MOTOR ASSY., 24V. CCW. GRD SPRAG.									1			
3A	1114856	* MOTOR ASSY. 24V. C.W. GRD. ROLL CLUTCH										1		
3A	1114857	* MOTOR ASSY. 24V. CW. GRD. ROLL CLUTCH											1	
3A	1114923	* MOTOR ASSY., 24V., CW. INSL.												1
3A	5131967	BOLT, 5/8"-11X1 3/4", 12 PT. (12.9005)		3	3							3	2	
3A	9418228	BOLT, 5/8"-11X1 3/4", 12 PT. (12.9005)				3	3	3	3	1	3			1
3A	223435	BOLT, 5/8"-11X1 3/4" (12.9001)								2				2
3A	103325	LOCKWASHER, 5/8" (12.9200)		3	3	3	3	3	3	3	3	3	2	3
3A	114505	NUT, 1/2"-13 (12.9120)												1
# NOT SERVICED BY DDA, PROCURE THRU LEECE NEVILLE CO.														
7.3004 - GASKET, STARTING MOTOR														
3A	5130995	GASKET (W/WET FLYWHEEL HOUSING)	1	1	1	1	1	1	1	1	1	1	1	1
7.3242 - STRAP, STARTING MOTOR GROUND														
8920509	STRAP (7.2040)							1						
5156268	STRAP, GRD. (9 L.) (7.2040)											1	1	1
186678	BOLT, 3/8"-16X1" (12.9001)											1	1	
120423	LOCKWASHER, 1/4" (12.9215)							1						
178551	LOCKWASHER, 3/8" (12.9215)							1				1	1	
178591	LOCKWASHER, 1/2" (12.9220)													1

7.3000A STARTING MOTOR

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	3 0 0	3 0 2	3 0 3	3 0 4	3 0 6	3 0 7	3 0 8	3 1 2	3 1 3	3 1 4	3 1 5	3 2 4
7.3001 - MOTOR ASSY., STARTING														
NOTE: SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THRU AC DELCO UNLESS OTHERWISE SPECIFIED.														
3A	5106713	? MOTOR ASSY., 24V. CW. ROTATION (L.N. # M001 7264 MA)	1											
3A	1113245	* MOTOR ASSY., 12V., CW. GRD. SPRAG		1										
3A	1113249	* MOTOR ASSY., 24V., CW. SUBMERSIBLE			1									
3A	1114933	* MOTOR ASSY., 12V. C.W. GRD. ROLL CLUTCH				1								
3A	5105199	+ MOTOR ASSY., 12V. C.W. GRD.					1							
3A	1113250	* MOTOR ASSY., 24V. C.W. GRD.						1						
3A	5105109	% MOTOR ASSY., 12V. C.C.W. GRD. (WAPSA 1-880V)							1					
3A	5105096	+ MOTOR ASSY., 12V. C.W. GRD.								1				
3A	5105125	+ MOTOR ASSY., 12V. C.W. (R. BOSCH #EL-00090)									1			
3A	5105126	# MOTOR ASSY., 12V. C.C.W. (R. BOSCH #EL-00097)										1		
3A	5105268	+ MOTOR ASSY., 12V. C.W. GRD. (R. BOSCH #EL-00091)											1	
3A	1113253	* MOTOR ASSY., 24V. C.W. GRD. OC.												1
	9418228	BOLT, 5/8"-11 X 1 3/4", 12 PT. (12.9005)	3	3		3	3	3	1	3	3	1	3	3
	223435	BOLT, 5/8"-11 X 1 3/4" (12.9001)							2			2		
	5131967	BOLT, 5/8"-11X1 3/4" 12 P.T. (12.9005)			3			3						
	103325	LOCKWASHER, 5/8" (12.9200)	3	3	3	3	3	3	3	3	3	3	3	2
		% SERVICE THRU D.D.A. + NOT SERVICED, USE 1113236. # NOT SERVICED, USE 1113228. ? NOT SERVICED BY DDA. PROCURE THRU LEECE NEVILLE CO.												
7.3004 - GASKET, STARTING MOTOR														
	5130995	GASKET (W/WET FLYWHEEL HOUSING)	1	1	1			1						

7.3000A STARTING MOTOR

PART		NAME AND DESCRIPTION	TYPES					
FIG	NUMBER		3 2 5	3 3 7	3 3 9	3 4 2	3 4 8	
7.3001 - MOTOR ASSY., STARTING								
NOTE: SERVICE ON ELECTRICAL EQUIPMENT (*) IN THIS SECTION IS HANDLED THRU AC DELCO UNLESS OTHERWISE SPECIFI ED.								
3A	1990223	* + MOTOR ASSY., 12V. C.W. INSL. ROLL CLUTCH	1					
3A	1990224	* MOTOR ASSY., 12V. C.W. GRD. OL.		1			1	
3A	1990219	* MOTOR ASSY., 12V. C.W. GRD. ROLL CLUTCH			1			
3A	1990279	* MOTOR ASSY., 24V. C.C.W. INSL.				1		
	9418228	BOLT, 5/8"-11X1 3/4", 12 PT. (12.9005)	3	3	2	3	1	
	223435	BOLT, 5/8"-11X1 3/4" (12.9001)					2	
	103325	LOCKWASHER, 5/8" (12.9200)	3	3	2	3	3	
	103030	NUT, 5/8"-18 (12.9120)		3			3	
		+ NOT SERVICED, USE 1114927.						
7.3004 - GASKET, STARTING MOTOR								
	5130995	GASKET (W/WET FLYWHEEL HOUSING)	1	1		1	1	

7.4000A INSTRUMENTS

PART ..FIG .. NUMBER .. NAME AND DESCRIPTION ..			TYPES													
			1 3	1 8	2 4	3 3	4 2	9 7	2 1 5	2 2 0	2 2 9	2 8 1	3 2 2	3 3 3	3 7 1	
7.4005 - PANEL, INSTRUMENT																
A CLUSTER ASSY. INCLUDES PANEL IN 7.4005 PLUS ITEMS IN 7.4015, 7.4020, 7.4060, 7.4070, 7.4072, 7.4080, 7.4082. PANEL ASSYS. 1583452 AND 1583449 INCLUDES PANELS IN 7.4005 AND ITEMS IN 7.4015 THRU 7.4100.																
4A	1582507	PANEL (CLUSTER) (INCLUDES MOUNTING IN 7.4010)						1							1	
	1583552	* PANEL (DUAL)							1			1				
	1583551	PANEL								1	1			1		
	6405710	* PANEL ASSY. (DUAL)							1							
	1583452	PANEL ASSY. (DUAL)							1			1				
	1583449	PANEL ASSY.												1		
	1586206	* CLUSTER ASSY. (NO TEMPERATURE GAGE)						1							1	
* NOT SERVICED; COMPONENTS ARE AVAILABLE.																
7.4010 - MOUNTING, INSTRUMENT PANEL																
	5193755	MOUNTING ASSY. (ANTI-VIBRATION)						AR							AR	
7.4015 - AMMETER, BATTERY CHARGING																
INCLUDES CLAMP IN 7.4020.																
4A	6474062	AMMETER (60 AMP.)		1	1		1	1	2	1	1	2	1	1	1	
	120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	
	120614	NUT, #10-32 (12.9120)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	
7.4020 - CLAMP, AMMETER																
	8921716	CLAMP		2												
	6460429	= CLAMP		AR	AR		AR	AR	AR	AR	AR	AR	AR	AR	AR	
	5101141	CLAMP	AR	AR	AR		AR	AR	AR	AR	AR	AR	AR	AR	AR	
= OBSOLETE																
7.4060 - TACHOMETER																
INCLUDES CLAMP IN 7.4065. ADAPTOR KIT INCLUDES RED. ADAPTOR AND KEY, NOT SOLD SEPARATELY, TO CONVERT FROM 7/8" TO 5/8" TACH. DRIVE.																
4A	1536865	# TACHOMETER (C.W., 2500 RPM) (5658115)														
4A	1549866	# TACHOMETER (C.W., 3500 RPM) (5658119)				1			2	1	1		1			

7.4000A INSTRUMENTS

			TYPES												
FIG	PART NUMBER	NAME AND DESCRIPTION	1 3	1 8	2 4	3 3	4 2	9 7	2 1 5	2 2 0	2 2 9	2 8 1	3 2 2	3 3 3	3 7 1
7.4060 - TACHOMETER (CONT'D)															
4A	1548429	TACHOMETER (C.W., 4000 RPM)										2		1	
	6479007	ADAPTOR KIT, TACHOMETER				AR			AR	AR	AR	AR	AR	AR	
	120385	WASHER, #10 (12.9190)				AR									
	103341	WASHER, 3/8" (12.9190)				AR									
	120217	LOCKWASHER, #10 (12.9200)				AR			AR	AR	AR	AR	AR	AR	
	120614	NUT, #10-32 (12.9120)				AR			AR	AR	AR	AR	AR	AR	
		# NOT SERVICED; USE PART NO. IN PARENTHESES PLUS (1) 6479007 ADAPTOR KIT.													
7.4061 - ADAPTOR, TACHOMETER MOUNTING															
4A	5123740	ADAPTOR				1									
7.4063 - RETAINER, TACHOMETER (INCLUDES ITEMS IN 7.4064)															
4A	5148776	RETAINER ASSY.				1									
	436537	SCREW, #8-32X7/8"				3									
	106496	LOCKWASHER, #8 (12.9200)				3									
	103092	NUT, #8-32 (12.9120)				3									
7.4064 - MOUNTING, TACHOMETER															
	5146253	MOUNTING ASSY. (ANTI-VIBRATION)				3									
7.4065 - CLAMP, TACHOMETER															
	1535062	CLAMP							2	1	1	2	1	1	
7.4070 - GAGE, OIL PRESSURE															
		INCLUDES CLAMP IN 7.4072.													
4A	6463499	GAGE, 80# (RESTRICTED)		1	1		1	1	2	1	1	3	1		1
	118748	CONNECTOR, 1/4" FL. TUBE (12.9380)		AR	1		1	1							
	125620	CONNECTOR, 1/4" FL. TUBE (12.9380)		AR	AR		AR	AR	AR	AR	AR	AR	AR	AR	AR
	120217	LOCKWASHER, #10 (12.9200)		AR	AR		AR	AR	AR	AR	AR	AR	AR	AR	AR
	120614	NUT, #10-32 (12.9120)		AR	AR		AR	AR	AR	AR	AR	AR	AR	AR	AR
7.4071 - GAGE, OIL PRESSURE (REVERSE GEAR OR TORQUE CONVERTER)															
		INCLUDES CLAMP IN 7.4072.													
4E	6463500	GAGE, 450# (RESTRICTED)							2	1	1	2	1	1	
	120217	LOCKWASHER, #10 (12.9200)							AR	AR	AR	AR	AR	AR	

DETROIT DIESEL

53 MPC ENGINES

7.4000A INSTRUMENTS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	1 3	2 4	3 3	4 2	9 7	2 1 5	2 2 0	2 2 9	2 8 1	3 2 2	3 3 3	3 7 1
		7.4071 - GAGE, OIL PRESSURE (REVERSE GEAR OR TORQUE CONVERTER) (CONT'D)												
	120614	NUT, #10-32 (12.9120)						AR	AR	AR	AR	AR	AR	
		7.4072 - CLAMP, OIL PRESSURE GAGE												
	5101141	CLAMP (7.4020)		AR		AR	AR	AR	AR	AR	AR	AR	AR	
	1505244	# CLAMP		AR		AR	AR	AR	AR	AR	AR	AR	AR	
		# OBSOLETE												
		7.4080 - GAGE, WATER TEMPERATURE												
		INCLUDES 5101141 CLAMP IN 7.4082 AND ADAPTOR IN 7.4084.												
4A	6490562	GAGE (4' CAPILLARY)												1
4A	6490966	GAGE (6' CAPILLARY)				1								
4A	6490557	GAGE (15' CAPILLARY)		1			1	2	1		2	1	1	
4A	6490558	GAGE (30' CAPILLARY)								1				
4A	6490563	GAGE (6' CAPILLARY)	1											
	5114551	TAG, CABLE (7.4545)	AR	AR		AR	AR	AR	AR	AR	AR	AR	AR	AR
	120217	LOCKWASHER, #10 (12.9200)	AR	AR		AR	AR	AR	AR	AR	AR	AR	AR	AR
	120614	NUT, #10-32 (12.9120)	AR	AR		AR	AR	AR	AR	AR	AR	AR	AR	AR
		7.4082 - CLAMP, WATER TEMPERATURE GAGE												
	5101141	CLAMP (7.4020)		AR		AR	AR	AR	AR	AR	AR	AR	AR	
	1505244	@ CLAMP (7.4072)		AR		AR	AR	AR	AR	AR	AR	AR	AR	
	1501207	@ CLAMP (7.4072)						AR			AR			AR
		@ OBSOLETE.												
		7.4084 - ADAPTOR, WATER TEMPERATURE GAGE												
	859151	% ADAPTOR		1		1	1	2	1	1	2	1	1	1
		% OBSOLETE.												
		7.4100 - LAMP, INSTRUMENT PANEL												
	127934	BULB, 12-16V., 3 C.P. LAMP (12.9520)						5	3	3	5		3	
	6459359	SOCKET ASSY. (7.4105)						5	3	3	5		3	
		7.4115 - SWITCH, ENGINE STARTING												
4A	1996097	* SWITCH		1		1	1	2	1	1	2	1	1	1
	1567238	PLATE, NAME												
		* NOT SERVICED BY DDA. PROCURE THRU AC DELCO.												

7.4000A INSTRUMENTS

PART FIG . . . NUMBER NAME AND DESCRIPTION	TYPES											
	1	2	3	4	5	6	7	8	9	10	11	12
	3	4	3	2	1	2	2	2	3	3	3	7
	8		3		5	2	9	1	2	2	3	1
7.4118 - METER, HOUR												
5144665 METER (12V.)	1											
7.4125 - SWITCH, OIL PRESSURE												
5100673 SWITCH	1											
120217 LOCKWASHER, #10 (12.9200)	2											
120614 NUT, #10-32 (12.9120)	2											

7.4000A INSTRUMENTS

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	3 7 2	3 7 3	3 7 4	3 8 2	3 9 0	3 9 3	4 0 5	4 0 6	4 0 7	4 0 8	4 0 9
7.4005 - PANEL, INSTRUMENT													
A CLUSTER ASSY. INCLUDES PANEL IN 7.4005 PLUS ITEMS IN 7.4015, 7.4020, 7.4060, 7.4070, 7.4072, 7.4080, 7.4082. PANEL ASSYS. 1583452 AND 1583449 INCLUDE PANELS IN 7.4005 AND ITEMS IN 7.4015 THRU 7.4100.													
4A	1582507	PANEL (CLUSTER) (INCLUDES MOUNTING IN 7.4010)	1	1	1					1			1
	5125225	PANEL (CLUSTER MOUNTING)								1			
	5125226	PANEL (CLUSTER MOUNTING)											1
	5123435	PANEL ASSY. (INCLUDES PLUG IN 7.4005 AND MOUNTING IN 7.4010)						1	1		1	1	
	1586206	* CLUSTER ASSY. (NO TEMPERATURE GAGE)	1	1	1					1			1
	5123466	PLUG, RUBBER BUMPER						2	2		2	2	
	5172806	SPACER, 17/32" X 7/8" X 1 3/4" (4.2460)								2			2
	132768	SCREW, #8-32X3/4" (12.9025)						2	2	AR	AR	2	AR
	186656	BOLT, 1/2"-13X2 3/4" (12.9001)								2			2
	5155935	WASHER (7.8410)						2	2		2	2	
	106496	LOCKWASHER, #8 (12.9200)						2	2	AR	AR	2	AR
	103323	LOCKWASHER, 1/2" (12.9200)								AR			AR
	120622	NUT, #8-32 (12.9120)						2	2	AR	AR	2	AR
* NOT SERVICED; COMPONENTS ARE AVAILABLE.													
7.4010 - MOUNTING, INSTRUMENT PANEL													
	5193755	MOUNTING ASSY. (ANTI-VIBRATION)	AR	AR	AR			AR	AR	AR	AR	AR	AR
7.4012 - COVER, INSTRUMENT PANEL													
	5124258	COVER						1	1		1	1	
	132760	BOLT, #8-32X1 1/2" (12.9025)						2	2		2	2	
	106496	LOCKWASHER, #8 (12.9200)						2	2		2	2	
	120622	NUT, #8-32 (12.9120)						2	2		2	2	
7.4013 - SUPPORT, INSTRUMENT PANEL													
	5126927	BRACKET								1			1
	5167714	SPACER, 17/32" I.D. X 7/8" O.D. X 3/32" (1.7250)								1			1
	186618	BOLT, 5/16"-18X5/8" (12.9001)								1			1
	186725	BOLT, 1/2"-13X1 1/2" (12.9001)								1			1
	103320	LOCKWASHER, 5/16" (12.9200)								1			1
	120376	NUT, 5/16"-18 (12.9120)								1			1

7.4000A INSTRUMENTS

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	3 7 2	3 7 3	3 7 4	3 8 2	3 9 0	3 9 3	4 0 5	4 0 6	4 0 7	4 0 8	4 0 9
7.4015 - AMMETER, BATTERY CHARGING													
INCLUDES 5101141 CLAMP IN 7.4020.													
4A	6474062	AMMETER (60 AMP.)	1			1							
	120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR	AR		AR	AR		AR	AR	AR
	120614	NUT, #10-32 (12.9120)	AR	AR	AR	AR		AR	AR		AR	AR	AR
7.4020 - CLAMP, AMMETER													
	5101844	CLAMP	2										
	6460429	= CLAMP	AR	AR	AR	AR		AR	AR		AR	AR	AR
	5101141	CLAMP	AR	AR	AR	AR		AR	AR		AR	AR	AR
= NOT SERVICED: CUSTOMER TO FABRICATE.													
7.4060 - TACHOMETER													
INCLUDES CLAMP IN 7.4065. ADAPTOR KIT INCLUDES RED. ADAPTOR AND KEY, NOT SOLD SEPARATELY. TO CONVERT FROM 7/8" TO 5/8" TACH. DRIVE.													
4A	1536865	# TACHOMETER (C.W., 2500 RPM) (5658115)				1							
4A	1549030	# TACHOMETER (C.W., 3500 RPM) (WITH HOURMETER) (5658118)					1						
	6479007	ADAPTOR KIT, TACHOMETER				AR							
	120385	WASHER, #10 (12.9190)					AR						
	103341	WASHER, 3/8" (12.9190)					AR						
	120217	LOCKWASHER, #10 (12.9200)				AR	AR						
	120614	NUT, #10-32 (12.9120)				AR	AR						
# NOT SERVICED: USE PART NO. IN PARENTHESES PLUS (1) 6479007 ADAPTOR KIT.													
7.4061 - ADAPTOR, TACHOMETER MOUNTING													
4A	5123740	ADAPTOR					1						
7.4063 - RETAINER, TACHOMETER (INCLUDES ITEMS IN 7.4064)													
4A	5148776	RETAINER ASSY.					1						
	436537	SCREW, #8-32X7/8"					3						
	106496	LOCKWASHER, #8 (12.9200)					3						
	103092	NUT, #8-32 (12.9120)					3						

7.4000A INSTRUMENTS

PART		TYPES															
..FIG ..	NUMBER	NAME AND DESCRIPTION															
		3 7 2	3 7 3	3 7 4	3 8 2	3 9 0	3 9 3	4 0 5	4 0 6	4 0 7	4 0 8	4 0 9					
	7.4064 - MOUNTING, TACHOMETER																
	5146253 MOUNTING ASSY. (ANTI-VIBRATION)					3											
	7.4065 - CLAMP, TACHOMETER																
	1535062 % CLAMP				1												
	% OBSOLETE.																
	7.4070 - GAGE, OIL PRESSURE																
	INCLUDES CLAMP IN 7.4072.																
4A	6463499 GAGE (80#)	1	1	1		1	1		1	1	1						
	118748 CONNECTOR, 1/4" FL. TUBE (12.9380)		1	1	1		1										
	120217 LOCKWASHER, #10 (12.9200)	AR	AR	AR	AR		AR	AR		AR	AR	AR					
	120614 NUT, #10-32 (12.9120)	AR	AR	AR	AR		AR	AR		AR	AR	AR					
	7.4072 - CLAMP, OIL PRESSURE GAGE																
	5101141 CLAMP (7.4020)	AR	AR	AR	AR	AR	AR			AR	AR	AR	AR	AR			
	1505244 @ CLAMP	AR	AR	AR	AR	AR	AR			AR	AR	AR	AR	AR			
	1501207 @ CLAMP						1			1	1	1					
	@ OBSOLETE.																
	7.4074 - TUBE ASSY., OIL PRESSURE GAGE																
	5119366 TUBE ASSY. (3/16"X11" FLEX.)						1				1	1					
	5114460 TUBE ASSY. (3/16"X32" FLEX.)							1									
	5183595 TUBE ASSY. (3/16"X16" FLEX.)									1							
	5125792 TUBE ASSY. (1/4"X8.5" DEV. L.)										1						
	5182880 TUBE ASSY. (3/16"X10 1/4" FLEX.)											1					
	9432337 + CONNECTOR, 1/8" PIPE (12.9460)							1			1						
	187374 COUPLING, 1/8" PIPE (12.9580)									1							
	1508350 FITTING, 1/8" RESTRICTED									1		1					
	442321 # FITTING, 7/16"X1/8" RESTRICTED							1			1						
	9409931 ELBOW, 1/8"-90 DEG. STREET (12.9590)							1		1	1						
	225810 ELBOW, 1/4" INV. FL. TUBE X 1/8" P.T. 90 DEG. (12.9480)						1			1							
	118753 ELBOW, 1/4" FL. TUBE X 1/8" P.T. 90 DEG. (12.9390)										1						
	127887 ELBOW, 1/4" FL. TUBE 90 DEG. (12.9390)																
	105406 NIPPLE, 1/8"X1 1/2" PIPE (12.9560)	1									1						
	+ USE WITH RESTRICTED GAGE.																
	# USE WITH NON-RESTRICTED GAGE.																
	7.4076 - CLIP, OIL PRESSURE GAGE TUBE																
	140580 CLIP (12.9630)							1									
	5177623 CLIP (2.5120)							1									
	5178450 CLIP (2.5220)									1		1					

7.4000A INSTRUMENTS

PART			TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	3 7 2	3 7 3	3 7 4	3 8 2	3 9 0	3 9 3	4 0 5	4 0 6	4 0 7	4 0 8	4 0 9
		7.4076 - CLIP, OIL PRESSURE GAGE TUBE (CONT'D)											
	5163442	CLIP (2.9428)										1	
		7.4080 - GAGE, WATER TEMPERATURE											
		INCLUDES 5101141 CLAMP IN 7.4082 AND ADAPTOR IN 7.4084.											
4A	6490561	GAGE (2' CAPILLARY)						1	1		1	1	
4A	6490562	GAGE (4' CAPILLARY)								1			
4A	6490563	GAGE (6' CAPILLARY)	1										1
4A	6490565	GAGE (10' CAPILLARY)		1									
4A	6490557	GAGE (15' CAPILLARY)			1	1							
	5107637	* GAGE (74.80" CAPILLARY)	1										
	5114551	TAG, CABLE (7.4545)	AR	AR	AR	AR		AR	AR	AR	AR	AR	AR
	120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR	AR		AR	AR	AR	AR	AR	AR
	120614	NUT, #10-32 (12.9120)	AR	AR	AR	AR		AR	AR	AR	AR	AR	AR
		* OPTIONAL											
		7.4082 - CLAMP, WATER TEMPERATURE GAGE											
	5101141	CLAMP (7.4020)		AR	AR	AR							
	1505244	* CLAMP (7.4072)		AR	AR	AR							
	1501207	* CLAMP (7.4072)	AR					AR	AR	AR	AR	AR	AR
	5163538	CLIP (3/16" TUBE) (7.8320)											5
	5155464	BRACKET, CLIP (7.1582)											1
	179838	BOLT, 3/8"-16X7/8" (12.9001)											2
	103321	LOCKWASHER, 3/8" (12.9200)											2
	102635	NUT, 3/8"-16 (12.9120)											2
		* OBSOLETE											
		7.4084 - ADAPTOR, WATER TEMPERATURE GAGE											
	859151	% ADAPTOR	1	1	1	1		1	1	1	1	1	1
		% OBSOLETE.											
		7.4115 - SWITCH, ENGINE STARTING											
1A	1998097	* SWITCH	1	1	1			1	1	1	1	1	1
	1567238	PLATE, NAME	1	1	1			1	1	1	1	1	1
		* NOT SERVICED BY DDA. PROCURE THRU AC DELCO.											

7.4000A INSTRUMENTS

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		4 1 1	4 1 2	4 1 4	4 1 5	4 1 6	4 1 8	4 2 5	4 2 7	4 2 8	4 2 9	4 3 1	4 3 3
7.4005 - PANEL, INSTRUMENT													
1582507	PANEL (INCLUDES MOUNTING IN 7.4010)			1								1	
5125226	PANEL (CLUSTER MOUNTING)											1	
5127980	PANEL												1
5123435	PANEL ASSY. (INCLUDES PLUG IN 7.4005 AND MOUNTING IN 7.4010)	1	1							1	1		
1582505	= CLUSTER ASSY. (2" CAPILLARY)			1									
1586206	= CLUSTER ASSY. (NO TEMPERATURE GAGE)											1	
5172806	SPACER, 17/32"x7/8"x1 3/4" (4.2460)											2	
5123466	PLUG, RUBBER BUMPER	2	2							2	2		
132768	SCREW, #8-32X3/4" (12.9025)	AR	AR							AR	AR	AR	
186656	BOLT, 1/2"-13X2 3/4" (12.9001)											2	
5155935	WASHER (7.8410)	2	2							2	2		
106496	LOCKWASHER, #8 (12.9200)	AR	AR							AR	AR	AR	
103323	LOCKWASHER, 1/2" (12.9200)											2	
120622	NUT, #8-32 (12.9120)	AR	AR							AR	AR	AR	
	= NOT SERVICED; USE COMPONENTS.												
7.4010 - MOUNTING, INSTRUMENT PANEL													
5193755	MOUNTING ASSY. (ANTI-VIBRATION)	AR	AR	AR						AR	AR	AR	
7.4012 - COVER, INSTRUMENT PANEL													
5124258	COVER	1	1							1	1		
132760	BOLT, #8-32X1 1/2" (12.9025)	2	2							2	2		
106496	LOCKWASHER, #8 (12.9200)	2	2							2	2		
120622	NUT, #8-32 (12.9120)	2	2							2	2		
7.4013 - SUPPORT, INSTRUMENT PANEL													
5126927	BRACKET											1	
5128134	BRACKET												1
5167714	SPACER, 17/32" I.D. X 7/8" O.D. X 3/32"											AR	
3290822	SPACER, 63/64" I.D. X 7/8" O.D. X 1/4"											AR	
186618	BOLT, 5/16"-18X5/8" (12.9001)											1	
181360	BOLT, 3/8"-24X3/4" (12.9001)												1
186627	BOLT, 3/8"-24X1" (12.9001)												1
186725	BOLT, 1/2"-13X1 1/2" (12.9001)											1	
103320	LOCKWASHER, 5/16" (12.9200)											1	
103321	LOCKWASHER, 3/8" (12.9200)												6
120376	NUT, 5/16"-18 (12.9120)											1	
117049	NUT, 3/8"-24 (12.9120)												6
7.4015 - AMMETER, BATTERY CHARGING													
	INCLUDES 5101141 CLAMP IN 7.4020.												
4A 6474062	AMMETER (60 AMP.)	1	1	1			1			1	1	1	
120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR			AR			AR	AR	AR	

7.4000A INSTRUMENTS

PART ..FIG .. NUMBER		NAME AND DESCRIPTION		TYPES											
		4 1 1	4 1 2	4 1 4	4 1 5	4 1 6	4 1 8	4 2 5	4 2 7	4 2 8	4 2 9	4 3 1	4 3 3		
7.4015 - AMMETER, BATTERY CHARGING (CONT'D)															
120614	NUT, #10-32 (12.9120)	AR	AR	AR			AR			AR	AR	AR			
7.4020 - CLAMP, AMMETER															
6460429	= CLAMP	AR	AR	AR			AR			AR	AR	AR			
5101141	CLAMP	AR	AR	AR			AR			AR	AR	AR			
	= OBSOLETE														
7.4060 - TACHOMETER															
	A TACH. INCLUDES CLAMP IN 7.4065. A KIT INCLUDES RED. ADAPTOR AND KEY, TO CONVERT 7/8" TO 5/8" TACH.DRIVE.														
4A	1549031	# TACHOMETER (C.C.W., 3500 RPM) (WITH HOURMETER) (5657274)			1										
4A	1549030	# TACHOMETER (C.W., 3500 RPM) (WITH HOURMETER) (5658116)				1		1							
4A	1549866	# TACHOMETER (C.W., 3500 RPM) (WITH HOURMETER) (5658119)					1								
	6479007	ADAPTOR KIT, TACHOMETER			AR	AR	AR	AR							
	120385	WASHER, #10 (12.9190)			AR										
	103341	WASHER, 3/8" (12.9190)			AR										
	120217	LOCKWASHER, #10 (12.9200)			AR	AR	AR	AR							
	120614	NUT, #10-32 (12.9120)			AR	AR	AR	AR							
	# NOT SERVICED; USE PART NUMBER IN PARENTHESES PLUS (1) 6479007 ADAPTOR KIT.														
7.4061 - ADAPTOR, TACHOMETER MOUNTING															
4A	5123740	ADAPTOR			1										
7.4063 - RETAINER, TACHOMETER (INCLUDES ITEMS IN 7.4064)															
4A	5148776	RETAINER ASSY.			1										
	436537	SCREW, #8-32X7/8"			3										
	106496	LOCKWASHER, #8 (12.9200)			3										
	103092	NUT, #8-32 (12.9120)			3										
7.4064 - MOUNTING, TACHOMETER															
5146253	MOUNTING ASSY. (ANTI-VIBRATION)				3										

7.4000A INSTRUMENTS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	4 1 1	4 1 2	4 1 4	4 1 5	4 1 6	4 1 8	4 2 5	4 2 7	4 2 8	4 2 9	4 3 1	4 3 3
7.4065 - CLAMP, TACHOMETER														
	1535062	CLAMP					AR	AR	AR					
	5101141	CLAMP (7.4020)					AR	AR	AR					
7.4070 - GAGE, OIL PRESSURE														
INCLUDES CLAMP IN 7.4072.														
4A	6463499	GAGE, 80# (RESTRICTED)	1	1	1			1			1	1	1	1
	118748	CONNECTOR, 1/4" FL. TUBE (12.9380)											1	
	120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR		AR	AR			AR	AR	AR	AR
	120614	NUT, #10-32 (12.9120)	AR	AR	AR		AR	AR			AR	AR	AR	AR
7.4071 - GAGE, OIL PRESSURE (REVERSE GEAR OR TORQUE CONVERTER)														
INCLUDES 1503496 CLAMP IN 7.4072.														
	6463500	GAGE, 200# (RESTRICTED)						1						
	120217	LOCKWASHER, #10 (12.9200)					AR	AR						
	120614	NUT, #10-32 (12.9120)					AR	AR						
7.4072 - CLAMP, OIL PRESSURE GAGE														
	1501207	+ CLAMP	1	1							1	1	1	
	5101141	CLAMP (7.4020)	AR	AR	AR			AR	AR		AR	AR	AR	AR
	1505244	+ CLAMP			AR			AR						AR
	5185505	MOUNT (ANTI-VIBRATION) (7.4064)												1
	112871	SCREW, #6-32X5/16" (12.9025)												3
	131044	LOCKWASHER, #6 (12.9200)												3
		+ OBSOLETE.												
7.4074 - TUBE ASSY., OIL PRESSURE GAGE														
	5125791	TUBE ASSY. (1/4"X5.3" DEV. L.)	1											
	5125790	TUBE ASSY. (1/4"X5.34" DEV. L.)		1										
	5125795	+ TUBE (1/4"X6.8" DEV. L.)										1		
	5114460	TUBE ASSY. (3/16"X32" FLEX.)									1			
	5129867	# HOSE, 1/4" X 26 3/4" L. (7.4075)												1
	5129867	# HOSE, 1/4" X 35" L. (7.4075)												1
	5119366	HOSE ASSY. (3/16"X11" FLEX.)	1	1								1	1	
	5182881	HOSE ASSY. (3/16"X14"L.)											1	

7.4000A INSTRUMENTS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	4 1 1	4 1 2	4 1 4	4 1 5	4 1 6	4 1 8	4 2 5	4 2 7	4 2 8	4 2 9	4 3 1	4 3 3
7.4074 - TUBE ASSY., OIL PRESSURE GAGE (CONT'D)														
	1508350	FITTING, 1/8" RESTRICTED		1								1	1	
	5114048	FITTING (2.5217)												4
	9409931	ELBOW, 1/8" STREET 90 DEG. (12.9590)	1								1			1
	225810	ELBOW, 1/8"X1/4" P.T. 90 DEG. (12.9480)		1							1	1		
	120401	ELBOW, 1/8" STREET 90 DEG. (12.9590)											1	
	444052	ELBOW, 1/8" STREET 45 DEG. (12.9590)												2
	118753	ELBOW, 1/4" 90 DEG. FL. (12.9390)	1	1								1		
	9432337	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)												1
	442321	= CONNECTOR, 1/8" P.T., 1/4" INV. FL. TUBE (12.9460)	2								1			3
		# STD. LENGTH HOSE, CUT TO LENGTH SHOWN.												
		+ OBSOLETE												
		= USE W/RESTRICTED GAGE.												
7.4076 - CLIP, OIL PRESSURE GAGE TUBE														
	5163442	CLIP (2.9428)	1	1										
	3290442	CLIP (7.4085)										1		
	5167510	CLIP (7.8350)											1	
	5151108	CLIP (12.4095)												2
	5177623	CLIP (2.5120)												1
	5155464	BRACKET, CLIP (7.1582)		1										
	5110692	SPACER (3.3060)										1		
	186624	BOLT, 5/16"-18X1 1/4" (12.9001)									1			
	179812	BOLT, 5/16"-18X1 1/2" (12.9001)		1										
	179838	BOLT, 3/8"-16X5/8" (12.9001)									1			
	120393	WASHER, 5/16" (12.9190)										1		
	103320	LOCKWASHER, 5/16" (12.9200)		1										
	103321	LOCKWASHER, 3/8" (12.9200)									1			
	120376	NUT, 5/16"-18 (12.9120)		1										
7.4080 - GAGE, WATER TEMPERATURE														
INCLUDES CLAMP IN 7.4082 AND ADAPTOR IN 7.4084.														
A	6490561	GAGE (2' CAPILLARY)	1	1								1	1	
A	6490966	GAGE (6' CAPILLARY)												1
A	1513559	* GAGE (6' CAPILLARY)												1
A	6490558	GAGE (30' CAPILLARY)						1						
	5114551	TAG, CABLE (7.4545)	AR	AR	AR			AR			AR	AR	AR	AR

7.4000A INSTRUMENTS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 1 1	4 1 2	4 1 4	4 1 5	4 1 6	4 1 8	4 2 5	4 2 7	4 2 8	4 2 9	4 3 1	4 3 3
7.4080 - GAGE, WATER TEMPERATURE (CONT'D)														
	120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR			AR			AR	AR	AR	AR
	120614	NUT, #10-32 (12.9120) * OBSOLETE	AR	AR	AR			AR			AR	AR	AR	AR
7.4082 - CLAMP, WATER TEMPERATURE GAGE														
	1501207	+ CLAMP (7.4072)	AR	AR							AR	AR	AR	
	1505244	+ CLAMP (7.4072)	AR	AR	AR			AR			AR	AR	AR	AR
	5101141	CLAMP (7.4020)	AR	AR	AR			AR			AR	AR	AR	AR
	5185505	MOUNT (ANTI-VIBRATION) (7.4064)												1
	5163538	CLIP (7.8320)											5	1
	5155464	BRACKET, CLIP (7.1582)											1	1
	112871	SCREW, #6-32X5/16" (12.9025)												3
	179838	BOLT, 3/8"-16X7/8" (12.9001)											2	
	103321	LOCKWASHER, 3/8" (12.9290)											2	
	131044	LOCKWASHER, #6 (12.9200)												3
	102635	NUT, 3/8"-16 (12.9120) + OBSOLETE.											1	
7.4084 - ADAPTOR, WATER TEMPERATURE GAGE														
	859151	+ ADAPTOR + OBSOLETE.	1	1	1			1			1	1	1	1
7.4091 - GAGE, FUEL PRESSURE														
	6463359	GAGE												1
	120217	LOCKWASHER, #10 (12.9200)												2
	120614	NUT, #10-32 (12.9120)												2
7.4093 - CLAMP, FUEL PRESSURE GAGE														
	1505244	% CLAMP (7.4072)												1
	5185505	MOUNT (ANTI-VIBRATION) (7.4064)												1
	112871	SCREW, #6-32 (12.9025)												3
	131044	LOCKWASHER, #6 (12.9200) % OBSOLETE.												3
7.4115 - SWITCH, ENGINE STARTING														
4A	1996097	* SWITCH	1	1	1			1		1	1	1	1	1
	1567238	PLATE, NAME * NOT SERVICED BY DDA. PROCURE THRU AC DELCO.	1	1	1					1	1	1	1	1

7.4000A INSTRUMENTS

PART		TYPES												
FIG . . .	NUMBER	NAME AND DESCRIPTION	4 1 1	4 1 2	4 1 4	4 1 5	4 1 6	4 1 8	4 2 5	4 2 7	4 2 8	4 2 9	4 3 1	4 3 3
		7.4118 - METER, HOUR												
	5129049	METER (120V., 60 CYCLE)												1
	5128994	MOUNT												1
	132696	SCREW, #6-32X3/8" (12.9025)												3
	117626	SCREW, #4-40X5/16" (12.9025)												3
	131043	LOCKWASHER, #4 (12.9200)												3
	131044	LOCKWASHER, #6 (12.9200)												3

7.4000A INSTRUMENTS

PART		TYPES																	
FIG	NUMBER	NAME AND DESCRIPTION																	
		4 3 6	4 3 7	4 3 8	4 4 2	4 4 8	4 5 5	4 5 8	4 6 9	4 7 0									
7.4005 - PANEL, INSTRUMENT																			
NOTE: TYPE 436 INCLUDES ITEMS IN 7.4000B TYPE 245.																			
1583552	PANEL (DUAL LIGHTED)	1		1					1										
1583551	PANEL							1											
5123435	PANEL ASSY. (INCLUDES PLUG IN 7.4005 AND MOUNTING IN 7.4010)						1												
6497198	# PANEL ASSY. (DUAL ELECTRIC)	1																	
5123466	PLUG, RUBBER BUMPER						2												
132768	SCREW, #8-32X3/4" (12.9025)						AR												
5155935	WASHER (7.8410)						2												
106496	LOCKWASHER, #8 (12.9200)						AR												
120622	NUT, #8-32 (12.9120)						AR												
# INCLUDES PANEL IN 7.4005 AND ITEMS IN 7.4015 THRU 7.4135.																			
7.4010 - MOUNTING, INSTRUMENT PANEL																			
5193755	MOUNTING ASSY. (ANTI-VIBRATION)						AR												
7.4012 - COVER, INSTRUMENT PANEL																			
5124258	COVER						1												
132760	BOLT, #8-32X1 1/2" (12.9025)						2												
106496	LOCKWASHER, #8 (12.9200)						2												
120622	NUT, #8-32 (12.9120)						2												
7.4015 - AMMETER, BATTERY CHARGING																			
INCLUDES 5101141 CLAMP IN 7.4020.																			
4A 6474062	AMMETER (60 AMP.)	2		2	1		1	1		1									
4A 1502346	+ AMMETER (60 AMP.)			AR	AR		AR	AR	2	AR									
120217	LOCKWASHER, #10 (12.9200)	AR		AR	AR		AR	AR	AR	AR									
120614	NUT, #10-32 (12.9120)	AR		AR	AR		AR	AR	AR	AR									
+ OBSOLETE.																			
7.4020 - CLAMP, AMMETER																			
6460429	= CLAMP	AR		AR	AR		AR	AR	AR	AR									
5101141	CLAMP	AR		AR	AR		AR	AR	AR	AR									
= OBSOLETE.																			
7.4060 - TACHOMETER																			
A TACH. INCLUDES CLAMP IN 7.4065. A KIT INCLUDES RED. ADAPTOR AND KEY, TO CONVERT 7/8" TO 5/8" TACH DRIVE.																			

7.4000A INSTRUMENTS

		TYPES									
FIG	PART NUMBER	NAME AND DESCRIPTION	4 3 6	4 3 7	4 3 8	4 4 2	4 4 8	4 5 5	4 5 8	4 6 9	4 7 0
7.4060 - TACHOMETER (CONT'D)											
4A	1549265	TACHOMETER (3500 RPM) (WITH HOURMETER, ELECTRIC)	2								
4A	1536865	# TACHOMETER (C.W., 2500 RPM) (5658115)		1							
4A	5658118	TACHOMETER (C.W., 4000 RPM)			2	1			1		1
4A	1549045	# TACHOMETER (C.W., 3500 RPM) (5658118)					1				
4A	1549866	# TACHOMETER (C.W., 3500 RPM) (WITH HOURMETER) (5658119)								2	
	6479007	ADAPTOR KIT, TACHOMETER	AR	AR	AR	AR	AR	AR	AR	AR	AR
	120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR
	120614	NUT, #10-32 (12.9120)	AR	AR	AR	AR	AR	AR	AR	AR	AR
		# NOT SERVICED; USE PART NUMBER IN PARENTHESES PLUS (1) 6479007 ADAPTOR KIT.									
7.4062 - DRIVE UNIT, TACHOMETER											
	1548005	% DRIVE UNIT (ELECTRIC)	2								
	5284621	BOOT	2								
		% NOT SERVICE USE 5657941 TACHOMETER AND 6469711 GENERATOR.									
7.4065 - CLAMP, TACHOMETER											
	5101141	CLAMP (7.4020)	AR		AR	AR	AR		AR	AR	AR
7.4070 - GAGE, OIL PRESSURE											
		INCLUDES CLAMP IN 7.4072.									
1A	6463499	GAGE, 80# (RESTRICTED)	2		2	1		1	1	2	
	120217	LOCKWASHER, #10 (12.9200)	AR		AR	AR		AR	AR	AR	AR
	120614	NUT, #10-32 (12.9120)	AR		AR	AR		AR	AR	AR	AR
7.4071 - GAGE, OIL PRESSURE (REVERSE GEAR OR TORQUE CONVERTER)											
		INCLUDES 5101141 CLAMP IN 7.4072.									
	6463500	GAGE, 200# (RESTRICTED)	2		2	1		1	2	1	
	120217	LOCKWASHER, #10 (12.9200)	AR		AR	AR		AR	AR	AR	AR
	120614	NUT, #10-32 (12.9120)	AR		AR	AR		AR	AR	AR	AR

7.4000A INSTRUMENTS

PART			TYPES								
FIG	NUMBER	NAME AND DESCRIPTION	4 3 6	4 3 7	4 3 8	4 4 2	4 4 8	4 5 5	4 5 8	4 6 9	4 7 0
7.4072 - CLAMP, OIL PRESSURE GAGE											
	1501207	+ CLAMP						1			
	5101141	CLAMP (7.4020)	AR		AR	AR		AR	AR	AR	AR
	1505244	+ CLAMP	AR		AR	AR					
7.4074 - TUBE ASSY., OIL PRESSURE GAGE											
	5182882	HOSE ASSY. (3/16"X20 1/2"L)						1			
	442321	= CONNECTOR, 1/8" PIPE (12.9460)						1			
		= USE W/RESTRICTED GAGE.									
7.4076 - CLIP, OIL PRESSURE GAGE TUBE											
	5177623	CLIP (2.5120)						1			
7.4080 - GAGE, WATER TEMPERATURE											
		INCLUDES CLAMP IN 7.4082 AND ADAPTOR IN 7.4084.									
4A	6490561	GAGE (2' CAPILLARY)						1			
4A	6490557	GAGE (15' CAPILLARY)	2			1				2	
4A	6490558	GAGE (30' CAPILLARY)			2				1		1
	5114551	TAG, CABLE (7.4545)			AR	AR		AR	AR	AR	AR
	120217	LOCKWASHER, #10 (12.9200)	AR		AR	AR		AR	AR	AR	AR
	120614	NUT, #10-32 (12.9120)	AR		AR	AR		AR	AR	AR	AR
7.4082 - CLAMP, WATER TEMPERATURE GAGE											
	1501207	@ CLAMP (7.4072)						AR			
	1505244	@ CLAMP (7.4072)	AR		AR	AR		AR	AR	AR	AR
	5101141	CLAMP (7.4020)	AR		AR	AR		AR	AR	AR	AR
		@ OBSOLETE.									
7.4084 - ADAPTOR, WATER TEMPERATURE GAGE											
	859151	% ADAPTOR	2		2	1		1	1	2	1
		% OBSOLETE.									
7.4100 - LAMP, INSTRUMENT PANEL											
	127934	BULB, 12-16V., 3 C.P. LAMP (12.9520)	5		5				3	5	
	6459359	WIRE ASSY. (7.4105)	5		5				3	5	

7.4000A INSTRUMENTS

PART		TYPES																	
FIG	NUMBER	NAME AND DESCRIPTION	4 3 6	4 3 7	4 3 8	4 4 2	4 4 8	4 5 5	4 5 8	4 6 9	4 7 0								
7.4115 - SWITCH, ENGINE STARTING																			
A	1996097	* SWITCH	2		2	1		1	1	2	1								
	1567238	PLATE, NAME						1											
		* PROCURE FROM AC DELCO.																	
7.4125 - SWITCH, OIL PRESSURE																			
	6463693	SWITCH	2																
	5100673	* SWITCH	2																
		* OPTIONAL TO 1507359.																	
7.4135 - BLOCK, INSTRUMENT PANEL FUSE																			
	1568182	BLOCK ASSY. (INCLUDES FUSE)	2																
	147684	FUSE, 9 AMP. (12.9530)	2																

7.4000A INSTRUMENTS

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		4 7 2	4 7 4	4 8 1	4 8 7	4 8 8	4 8 9	5 0 7	5 0 8	5 0 9	5 1 0	5 1 2	5 1 9
7.4005 - PANEL, INSTRUMENT													
	1582507	PANEL (INCLUDES MOUNTING IN 7.4010)											
	5125226	1						1	1		1	1	
	5123435	1						1	1		1		
	1586206						1						
		* CLUSTER ASSY. (NO TEMPERATURE GAGE)											
	5172806	1						1	1		1	1	
	5185915	2											
	5123466						2	2	2		2		
	132768	AR					AR	AR	AR		AR		
	186656	2											
	186659							2	2		2		
	5155935						2						
	106496	AR					AR	AR	AR		AR		
	103323	2						2	2		2		
	120622	AR					AR	AR	AR		AR		
		* NOT SERVICED; COMPONENTS ARE AVAILABLE.											
7.4010 - MOUNTING, INSTRUMENT PANEL													
	5193755	AR					AR	AR	AR		AR	AR	
7.4012 - COVER, INSTRUMENT PANEL													
	5124258	COVER											
	132760						1						
	106496						2						
	120622						2						
7.4013 - SUPPORT, INSTRUMENT PANEL													
	5126927	1											
	5130715							1	1		1		
	5167714												
		3/32"											
	186618	1						1	1		1		
	179882	1						1	1		1		
	186725							1			1		
	103320	1							1				
	120376	1						1	1		1		
		1											
7.4015 - AMMETER, BATTERY CHARGING													
INCLUDES CLAMP IN 7.4020.													
4A	6474062	1		1		1	1	1	1		1	1	
	5109869			2									
= WIRE ASSY.													

7.4000A INSTRUMENTS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	4 7 2	4 7 4	4 8 1	4 8 7	4 8 8	4 8 9	5 0 7	5 0 8	5 0 9	5 1 0	5 1 2	5 1 9
7.4015 - AMMETER, BATTERY CHARGING (CONT'D)														
	120217	LOCKWASHER, #10 (12.9200)	AR		AR		AR	AR	AR	AR		AR	AR	
	120614	NUT, #10-32 (12.9120) = OBSOLETE.	AR		AR		AR	AR	AR	AR		AR	AR	
7.4020 - CLAMP, AMMETER														
	6460429	= CLAMP	1		1		1	1	1	1		1	1	
	5101141	CLAMP = OBSOLETE.	AR		AR		AR	AR	AR	AR		AR	AR	
7.4060 - TACHOMETER														
INCLUDES CLAMP IN 7.4065. ADAPTOR KIT INCLUDES RED. ADAPTOR AND KEY, NOT SOLD SEPARATELY, TO CONVERT FROM 7/8" TO 5/8" TACH. DRIVE.														
A	1548432	? TACHOMETER (C.W., 4000 RPM) (5658118)		1										
A	1549030	? TACHOMETER (C.W., 3500 RPM) (WITH HOURMETER) (5657283)			1									
A	1549286	? TACHOMETER (C.W., 3500 RPM) (5658118)				1								
A	1549045	? TACHOMETER (C.W., 3500 RPM) (5658118)									1			
A	1536865	? TACHOMETER (C.W., 2500 RPM) (5658115)											1	
A	1536866	? TACHOMETER (C.C.W., 2500 RPM) (5657287)												1
	6479007	ADAPTOR KIT, TACHOMETER			AR								AR	
	120217	LOCKWASHER, #10 (12.9200)		AR	AR	AR					AR			
	120614	NUT, #10-32 (12.9120) ? NOT SERVICED; USE PART NUMBER IN PARENTHESES PLUS (1) 6479007 KIT.		AR	AR	AR					AR			
7.4065 - CLAMP, TACHOMETER														
	1535062	CLAMP		1	1	1					1			
7.4070 - GAGE, OIL PRESSURE														
INCLUDES CLAMP IN 7.4072.														
	6463499	GAGE (80#) (RESTRICTED)	1	1	1		1	1	1	1	1	1	1	
	118748	CONNECTOR, 1/4" FL. TUBE (12.9380)	1				1		1	1	1	1	1	

7.4000A INSTRUMENTS

PART		TYPES											
FIG	NUMBER	NAME AND DESCRIPTION											
		4 7 2	4 7 4	4 8 1	4 8 7	4 8 8	4 8 9	5 0 7	5 0 8	5 0 9	5 1 0	5 1 2	5 1 9
7.4070 - GAGE, OIL PRESSURE (CONT'D)													
120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR		AR	AR	AR	AR	AR	AR	AR	
120614	NUT, #10-32 (12.9120)	AR	AR	AR		AR	AR	AR	AR	AR	AR	AR	
7.4071 - GAGE, OIL PRESSURE (REVERSE GEAR OR TORQUE CONVERTER)													
INCLUDES CLAMP IN 7.4072.													
6463500	GAGE (200#) (RESTRICTED)			1	1								
120217	LOCKWASHER, #10 (12.9200)			2	2								
120614	NUT, #10-32 (12.9120)			2	2								
7.4072 - CLAMP, OIL PRESSURE GAGE													
5101141	CLAMP (7.4020)	AR	AR	AR		AR	AR	AR	AR	AR	AR	AR	
1501207	+ CLAMP	1				AR	1	1	1		1	1	
1505244	+ CLAMP		AR	AR		AR				AR			
+ OBSOLETE.													
7.4074 - TUBE ASSY., OIL PRESSURE GAGE													
5125792	TUBE ASSY. (1/4"X8.50" DEV. L.)						1						
5162733	+ TUBE (1/4"X24"L)			2									
5182880	HOSE ASSY. (3/16"X10 1/4"L)	1							1		1		
5119366	HOSE ASSY. (3/16"X11" FLEX.)	1					1	1	1		1		
5182881	HOSE ASSY. (3/16"X14"L)							1					
1508350	FITTING, 1/8" RESTRICTED	1						1	1		1		
9409943	TEE, 1/8" PIPE (7.4586)								1				
9409931	ELBOW, 1/8" STREET 90 DEG. (12.9590)						1						
120401	ELBOW, 1/8"-90 DEG. STREET (12.9590)							1	1		1		
118753	ELBOW, 1/4" FL. TUBE 90 DEG. (12.9390)						1						
225810	ELBOW, 1/4" INV. FL. TUBE 90 DEG. (12.9480)									1			
442321	* CONNECTOR, 1/4" INV. FL. TUBE (12.9460)						1						
5115214	PLUG, 1/2"-18 (12.9550)							1			1		
+ OBSOLETE.													
* USE WITH RESTRICTED GAGE.													
7.4076 - CLIP, OIL PRESSURE GAGE TUBE													
5163442	CLIP (2.9428)						1						
5177623	CLIP (3/8" TUBE) (2.5120)	1						1	1		1		

7.4000A INSTRUMENTS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	4 7 2	4 7 4	4 8 1	4 8 7	4 8 8	4 8 9	5 0 7	5 0 8	5 0 9	5 1 0	5 1 2	5 1 9
7.4080 - GAGE, WATER TEMPERATURE														
INCLUDES CLAMP IN 7.4082 AND ADAPTOR IN 7.4084.														
IA	6490563	GAGE (6' CAPILLARY)	1				1					1		
IA	6490557	GAGE (15' CAPILLARY)		1				1						
IA	6490558	GAGE (30' CAPILLARY)			1									
IA	6490966	GAGE (61" CAPILLARY)							1	1			1	
	5114551	TAG, CABLE (7.4545)	AR	AR	AR		AR	AR	AR	AR		AR	AR	
	120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR		AR	AR	AR	AR		AR	AR	
	120614	NUT, #10-32 (12.9120)	AR	AR	AR		AR	AR	AR	AR		AR	AR	
7.4082 - CLAMP, WATER TEMPERATURE GAGE														
	1501207	+ CLAMP (7.4072)	1						1	1		1	1	
	5101141	CLAMP (7.4020)	AR	AR	AR		AR	AR	AR	AR		AR	AR	
	1505244	+ CLAMP (7.4072)		AR	AR		AR	AR						
	5163538	CLIP (7.8320)	5						5	1		5		
	5155464	BRACKET, CLIP (7.1582)	1						1	1		1		
	179838	BOLT, 3/8"-16X7/8" (12.9001)	2						2	2		2		
	5170490	+ BOLT, 3/8"-24X3 13/16" AA LOCK (12.9001)								2				
	103321	LOCKWASHER, 3/8" (12.9200)	2						2	2		2		
	102635	NUT, 3/8"-16 (12.9120)	1						1	1		1		
		+ OBSOLETE.												
7.4084 - ADAPTOR, WATER TEMPERATURE GAGE														
	859151	+ ADAPTOR	1	1	1		1	1	1	1		1	1	
		+ OBSOLETE.												
7.4115 - SWITCH, ENGINE STARTING														
IA	1996097	* SWITCH	1	1			1	1	1	1		1	1	
	1567238	PLATE, NAME	1					1	1	1		1	1	
		* PROCURE FROM AC DELCO.												

DETROIT DIESEL

53 MPC ENGINES

7.4000A INSTRUMENTS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	5 2 5	5 2 7	5 3 2	5 3 6	5 3 9	5 5 3	5 6 4	5 6 7	5 6 8	5 6 9	5 8 0	5 8 7
7.4005 - PANEL, INSTRUMENT														
	5123435	PANEL (INCLUDES PLUG IN 7.4005 AND MOUNTING IN 7.4010)	1					1	1					
	1583551	PANEL		1						1				
	1583552	PANEL (DUAL)									1	1		
	6405709	* PANEL ASSY.		1										
	5123466	PLUG, RUBBER BUMPER	2					2	2					
	132768	SCREW, #8-32X3/4" (12.9025)	AR					AR	AR					
	5155935	WASHER (7.8410)	2					2	2					
	106496	LOCKWASHER, #8 (12.9200)	AR					AR	AR					
	120622	NUT, #8-32 (12.9120)	AR					AR	AR					
* NOT SERVICED; COMPONENTS ARE AVAILABLE.														
7.4010 - MOUNTING, INSTRUMENT PANEL														
	5193755	MOUNTING ASSY. (ANTI-VIBRATION)	AR					AR	AR					
7.4012 - COVER, INSTRUMENT PANEL														
	5124258	COVER	1					1	1					
	132760	BOLT, #8-32X1 1/2" (12.9025)	2					2	2					
	106496	LOCKWASHER, #8 (12.9200)	2					2	2					
	120622	NUT, #8-32 (12.9120)	2					2	2					
7.4015 - AMMETER, BATTERY CHARGING														
INCLUDES CLAMP IN 7.4020.														
4A	6474062	AMMETER (60 AMP.)	1	1	1	1		1	1	1	2	2	1	
	5109869	+ WIRE ASSY.				2								
	120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR	AR		AR	AR	AR	AR	AR	AR	
	120614	NUT, #10-32 (12.9120)	AR	AR	AR	AR		AR	AR	AR	AR	AR	AR	
+ OBSOLETE.														
7.4020 - CLAMP, AMMETER														
	6460429	= CLAMP	1	1	1			1	1	1	2	2	1	
	5101141	CLAMP	AR	AR	AR			AR	AR	AR	AR	AR	AR	
= OBSOLETE.														
7.4060 - TACHOMETER														
4A	1549866	? TACHOMETER (C.W., 3500 RPM) (WITH HOURMETER) (5658119)		1		1	1			1	2			
	1549265	+ TACHOMETER (3500 RPM) (WITH HOUR METER, ELECTRIC)										2		

7.4000A INSTRUMENTS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION												
		5 2 5	5 2 7	5 3 2	5 3 6	5 3 9	5 5 3	5 6 4	5 6 7	5 6 8	5 6 9	5 8 0	5 8 7	
	7.4060 - TACHOMETER (CONT'D)													
	1549031 ? TACHOMETER (C.C.W., 3500 RPM) (WITH HOURMETER) (5657274)												1	
	6479007 ADAPTOR KIT, TACHOMETER		AR		AR	AR			AR	AR			AR	
	120217 LOCKWASHER, #10 (12.9200)		AR		AR	AR			AR	AR	AR			
	120614 NUT, #10-32 (12.9120)		AR		AR	AR			AR	AR	AR			
	? NOT SERVICED: USE PART NUMBER IN PARENTHESES PLUS (1) 6479007 KIT.													
	+ NOT SERVICED, USE 5657941 AND 646977 GENERATOR.													
	7.4062 - DRIVE UNIT, TACHOMETER													
	1548005 % DRIVE UNIT (ELECTRIC)											2		
	5284621 BOOT											2		
	% NOT SERVICED, USE 5657941 TACHOMETER & 6469711 GENERATOR.													
	7.4065 - CLAMP, TACHOMETER													
	1535062 CLAMP		1		1	1			1	2	2			
	7.4070 - GAGE, OIL PRESSURE													
	INCLUDES CLAMP IN 7.4072.													
A	6463499 GAGE (80#) (RESTRICTED)	1	1	1	1		1	1	1	2	2	1		
	118748 CONNECTOR, 1/4" FL. TUBE (12.9380)			1								1		
	120217 LOCKWASHER, #10 (12.9200)	AR	AR	AR	AR		AR	AR	AR	AR	AR	AR		
	120614 NUT, #10-32 (12.9120)	AR	AR	AR	AR		AR	AR	AR	AR	AR	AR		
	7.4071 - GAGE, OIL PRESSURE (REVERSE GEAR OR TORQUE CONVERTER)													
	INCLUDES 1503496 CLAMP IN 7.4072.													
	6463500 GAGE (200#) (RESTRICTED)		1		1				1	2	2			
	120217 LOCKWASHER, #10 (12.9200)		AR		2				AR	AR	AR			
	120614 NUT, #10-32 (12.9120)		AR		2				AR	AR	AR			
	7.4072 - CLAMP, OIL PRESSURE GAGE													
	5101141 CLAMP (7.4020)	AR	AR	AR	AR		AR	AR	AR	AR	AR	AR		
	1501207 + CLAMP	1					1	1						
	1505244 + CLAMP		AR	AR	AR				AR	AR	AR	AR		
	+ OBSOLETE.													

7.4000A INSTRUMENTS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	5 2 5	5 2 7	5 3 2	5 3 6	5 3 9	5 5 3	5 6 4	5 6 7	5 6 8	5 6 9	5 8 0	5 8 7
7.4074 - TUBE ASSY., OIL PRESSURE GAGE														
	5114460	TUBE ASSY. (3/16"X32" FLEX.)						1	1					
	5125791	TUBE ASSY. (1/4"X5.3" DEV. L.)	1											
	5162733	+ TUBE (1/4"X24"L.)				2								
	5109271	HOSE ASSY. (3/16"X13 3/4"L.) (12.4065)		1										
	9409931	ELBOW, 1/8" STREET 90 DEG. (12.9590)	1					1	1					
	118753	ELBOW, 1/4" FL. TUBE 90 DEG. (12.9390)		1										
	442321	* CONNECTOR, 1/4" INV. FL. TUBE (12.9460)		1				1	1					
	442328	CONNECTOR, 1/4" INV. FL. TUBE, 1/8" INT. P.T. (12.9460)		1										
		+ OBSOLETE.												
		* USE WITH RESTRICTED GAGE.												
7.4076 - CLIP, OIL PRESSURE GAGE TUBE														
	5163442	CLIP (2.9428)	1											
	5177623	CLIP (3/8" TUBE) (2.5120)						1	1					
	3290442	CLIP (5/8" TUBE) (7.4085)	1											
	179835	BOLT, 3/8"-16X5/8" (12.9001)	1											
	103321	LOCKWASHER, 3/8" (12.9200)	1											
7.4080 - GAGE, WATER TEMPERATURE														
		INCLUDES CLAMP IN 7.4082 AND ADAPTOR IN 7.4084.												
4A	6490561	GAGE (2 1/2' CAPILLARY)	1					1						
4A	6490563	GAGE (6' CAPILLARY)							1				1	
4A	6490557	GAGE (15' CAPILLARY)		1						1	2	2		
4A	6490558	GAGE (30' CAPILLARY)			1	1								
	5114551	TAG, CABLE (7.4545)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	120217	LOCKWASHER, #10 (12.9200)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	120614	NUT, #10-32 (12.9120)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
7.4082 - CLAMP, WATER TEMPERATURE GAGE														
	1501207	+ CLAMP (7.4072)	1					1	1					
	5101141	CLAMP (7.4020)	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	1505244	+ CLAMP (7.4072)		AR	AR	AR	AR			AR	AR	AR	AR	AR
		+ OBSOLETE.												

7.4000A INSTRUMENTS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	5 2 5	5 2 7	5 3 2	5 3 6	5 3 9	5 5 3	5 6 4	5 6 7	5 6 8	5 6 9	5 8 0	5 8 7
		7.4084 - ADAPTOR, WATER TEMPERATURE GAGE												
	859151	+ ADAPTOR + OBSOLETE.	1	1	1	1		1	1	1	2	2	1	
		7.4100 - LAMP, INSTRUMENT PANEL												
	127934	BULB, 12-16V., 3 CP LAMP (12.9520)		3						3	5	5		
	6459359	WIRE ASSY. (7.4105)		3						3	5	5		
		7.4115 - SWITCH, ENGINE STARTING												
A	1996097	* SWITCH	1	1	1			1	1	1	2	2		
	1567238	PLATE, NAME * PROCURE FROM AC DELCO.						1	1					

7.4000A INSTRUMENTS

PART			TYPES											
FIG	NUMBER	NAME AND DESCRIPTION	5 9 1	6 0 3	6 0 6	6 0 7	6 0 9	6 2 2	6 3 2	6 3 3	6 3 5	7 3 7	7 3 8	7 3 9
7.4005 - PANEL, INSTRUMENT														
		A CLUSTER ASSY. INCLUDES PANEL IN 7.4005, PLUS ITEMS IN 7.4015, 7.4020, 7.4060, 7.4070, 7.4072, 7.4080, 7.4082.												
		A PANEL ASSY. INCLUDES PANEL IN 7.4005 AND ITEMS IN 7.4015 THRU 7.4100.												
10A	5123435	PANEL (INCLUDES PLUG IN 7.4005 AND MOUNTING IN 7.4010)				1						1		1
	1582507	PANEL (INCLUDES MOUNTING IN 7.4010)											1	
	1586206	* CLUSTER ASSY. (4' CAPILLARY)											1	
	5123466	PLUG, RUBBER BUMPER (1/2" DIA.)				2						2		2
	132768	SCREW, #8-32X3/4" (12.9025)				2						2		2
	5155935	WASHER, 1 1/8" DIA. (7.8410)				2						2		2
	106496	LOCKWASHER, #8 (12.9200)				AR						AR		AR
	120622	NUT, #8-32 (12.9120)				2						2		2
		* NOT SERVICED; COMPONENTS ARE AVAILABLE.												
7.4010 - MOUNTING, INSTRUMENT PANEL														
	5193755	MOUNTING ASSY. (ANTI-VIBRATION)				AR						AR	AR	AR
7.4012 - COVER, INSTRUMENT PANEL														
	5124258	COVER				1						1		1
	132760	BOLT, #8-32X1 1/2" (12.9025)				2						2		2
	106496	LOCKWASHER, #8 (12.9200)				2						2		2
	120622	NUT, #8-32 (12.9120)				2						2		2
7.4015 - AMMETER, BATTERY														
		INCLUDES 5101141 CLAMP IN 7.4020.												
4A	6474038	AMMETER (100 AMP.)		1					1	1	1			
4A	6474062	AMMETER (50 AMP.)				1	1					1	1	1
4A	1502864	+ INDICATOR (BATTERY CHARGING)						1						
	5109869	+ WIRE ASSY.		2					2	2	2			
		+ OBSOLETE.												
7.4020 - CLAMP, AMMETER														
	5101141	CLAMP		1		1	1					1	1	1
	6460429	+ CLAMP				1	1					1	1	
	5134166	CLAMP												1

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	5 9 1	6 0 3	6 0 6	6 0 7	6 0 9	6 2 2	6 3 2	6 3 3	6 3 5	7 3 7	7 3 8	7 3 9
	7.4020 - CLAMP, AMMETER (CONT'D)													
	+ OBSOLETE.													
	7.4060 - TACHOMETER													
	INCLUDES CLAMP IN 7.4065. ADAPTOR KIT INCLUDES RED. ADAPTOR AND KEY, NOT SOLD SEPARATELY, TO CONVERT FROM 7/8" TO 5/8" TACH. DRIVE.													
4A	1549286 # TACHOMETER (C.W., 3500 RPM) (5658118)		1											
4A	1549866 # TACHOMETER (C.W., 3500 RPM) (WITH HOURMETER) (5658119)			1					1	1	2			
4A	1548168 + TACHOMETER (C.W., 4000 RPM) (WITH HOURMETER)						1							
	6479007 ADAPTOR KIT, TACHOMETER	AR	AR						AR	AR	AR			
	120217 LOCKWASHER, #10 (12.9200)	AR	AR						AR	AR	AR			
	120614 NUT, #10-32 (12.9120)	AR	AR						AR	AR				
	# NOT SERVICED; USE PART NUMBER IN PARENTHESES PLUS (1) 6479007 KIT.													
	+ OBSOLETE.													
	7.4065 - CLAMP, TACHOMETER													
	1535062 CLAMP	1	1					1	1	1	1			
	7.4070 - GAGE, OIL PRESSURE													
	INCLUDES CLAMP IN 7.4072.													
4A	6463499 GAGE (80#) (RESTRICTED)	1	1	1	1	1			1	1	2	1	1	1
4A	5654136 GAGE (24V., ELECTRIC) (120#)						1							
	118748 CONNECTOR, 1/4" FL. TUBE (12.9380)	1												
	120217 LOCKWASHER, #10 (12.9200)	AR	AR	AR	AR			AR	AR		AR	AR	AR	AR
	120614 NUT, #10-32 (12.9120)	AR	AR	AR	AR			AR	AR		AR	AR	AR	AR
	7.4071 - GAGE, OIL PRESSURE (REVERSE GEAR OR TORQUE CONVERTER)													
	INCLUDES CLAMP IN 7.4072.													
4A	6463500 GAGE (400#) (RESTRICTED)		1						1	1				

7.4000A INSTRUMENTS

PART		TYPES											
..FIG ..	NUMBER	NAME AND DESCRIPTION											
		5 9 1	6 0 3	6 0 6	6 0 7	6 0 9	6 2 2	6 3 2	6 3 3	6 3 5	7 3 7	7 3 8	7 3 9
7.4072 - CLAMP, OIL PRESSURE GAGE													
1505244	+ CLAMP	AR	AR	AR				AR	AR	AR	AR	AR	AR
5101141	CLAMP (7.4020)	AR	AR	AR	AR	AR		AR	AR	AR	AR	AR	AR
1501207	+ CLAMP												
	+ OBSOLETE.												
7.4074 - TUBE ASSY., OIL PRESSURE GAGE													
5114460	TUBE ASSY. (3/16"X32"L. FLEX.)				1								1
5162733	+ TUBE (1/4" I.D. X 2.40" L.)		2					2	2	2			
5125792	TUBE (1/4" I.D. X 8.50" DEV. L.)										1		
5119366	HOSE, 3/16" X 1" FLEX.										1		
5134530	HOSE, 5/16" I.D. X 15 3/4" L. (7.8300)						1						
9409931	ELBOW, 1/8"-90 DEG. STREET (12.9550)				1						1		1
118753	ELBOW, 1/4"-90 DEG. FLEX. (12.9480)										1		
225815	ELBOW, 5/16"-90 DEG. INV. FL. TUBE (12.9480)						1						
9432245	ELBOW, 5/16"-90 DEG. INV. FL. TUBE (12.9480)						1						
442321	* CONNECTOR, 1/8"-27 P.T. 1/4" INV. FL. TUBE (12.9460)				1						1		1
	+ OBSOLETE.												
	* USE WITH RESTRICTED GAGE.												
7.4076 - CLIP, OIL PRESSURE GAGE TUBE													
5163442	CLIP, 1/4" DIA. X 3/8" BOLT (2.9428)										1		
140582	CLIP, 1/2" DIA. X 3/8" BOLT (12.9630)						1						
5177623	CLIP, 7/8" L. 3/8" BOLT (2.5120)				1								1
7.4080 - GAGE, WATER TEMPERATURE													
INCLUDES CLAMP IN 7.4082 AND ADAPTOR IN 7.4084.													
4A 6490561	GAGE (2' CAPILLARY)												1
4A 6490966	GAGE (6' CAPILLARY)				1	1						1	
4A 6490565	GAGE (10' CAPILLARY)										1		
4A 6490557	GAGE (15' CAPILLARY)			1				1		1			
4A 6490558	GAGE (30' CAPILLARY)		1						1	1			
4A 1514223	+ GAGE (ELECTRIC)						1						
5114551	TAG, CABLE (7.4545)		1		1			1	1	1	1	1	1
444004	ADAPTOR, 1/2" PIPE (12.9565)			1									
	+ OBSOLETE.												

7.4000A INSTRUMENTS

PART		TYPES										
FIG	NUMBER	NAME AND DESCRIPTION	5	6	6	6	6	6	6	6	7	7
			9	0	0	0	0	2	3	3	3	3
			1	3	6	7	9	2	2	3	5	7
												8
												9
		7.4082 - CLAMP, WATER TEMPERATURE GAGE										
	1505244	+ CLAMP (7.4072)			2						1	
	5101141	CLAMP (7.4020)			AR	AR					AR	AR
	1501207	+ CLAMP (7.4072)				1						1
		+ OBSOLETE.										
		7.4084 - ADAPTOR, WATER TEMPERATURE GAGE										
	859151	+ ADAPTOR			1	1	1		1	1	1	1
		+ OBSOLETE.										
		7.4115 - SWITCH, ENGINE STARTING										
4A	1996097	* SWITCH				1		1		1	1	1
	1567238	PLATE, NAME				1					1	1
		* PROCURE FROM AC DELCO.										
		7.4125 - SWITCH, OIL PRESSURE										
4A	1508144	+ TRANSMITTER						1				
	5133523	BRACKET (7.4670)						1				
	5138152	BRACKET						1				
	448645	SCREW, 1/4"-20 (12.9066)						2				
	179839	BOLT, 3/8"-16X1" (12.9001)						2				
	120380	LOCKWASHER, 1/4" (12.9200)						2				
	103321	LOCKWASHER, 3/8" (12.9200)						2				
		+ OBSOLETE										
		7.4128 - SWITCH, WATER TEMPERATURE										
	6400587	TRANSMITTER						1				

7.4000A INSTRUMENTS

PART		NAME AND DESCRIPTION	TYPES													
FIG	NUMBER		7 5 0	7 5 4	7 5 5	7 5 9	7 6 0	7 6 5	7 6 7	7 7 6	7 7 8	7 8 0	7 8 3	7 8 4		
7.4005 - PANEL, INSTRUMENT																
A CLUSTER ASSY. INCLUDES PANEL IN 7.4005, PLUS ITEMS IN 7.4015, 7.4020, 7.4060, 7.4070, 7.4072, 7.4080, 7.4082.																
A PANEL ASSY. INCLUDES PANEL IN 7.4005 AND ITEMS IN 7.4015 THRU 7.4100.																
10A	5123435	PANEL (INCLUDES PLUG IN 7.4005 AND MOUNTING IN 7.4010)					1									
	1582507	PANEL (INCLUDES MOUNTING IN 7.4010)						1	1		1		1	1		
	6406140	PANEL									1		1			
	6405709	* PANEL ASSY. (15' CAPILLARY)									1		1			
	1586206	* CLUSTER ASSY. (4' CAPILLARY)						1								
	1582504	* CLUSTER ASSY.							1							
	1583630	* CLUSTER ASSY. (16' CAPILLARY)												1		
	5123466	PLUG, RUBBER BUMPER (1/2" DIA.)					2									
	132768	SCREW, #8-32X3/4" (12.9025)					2									
	131979	SCREW, #8-32X3/4" (12.9025)							3							
	132776	SCREW, #8-32X1" (12.9025)												3		
	5155935	WASHER, 1 1/8" DIA. (7.8410)					2									
	106496	LOCKWASHER, #8 (12.9200)					AR		AR							
	121841	LOCKWASHER, #8 (12.9200)												3		
	120622	NUT, #8-32 (12.9120)					2							3		
	103092	NUT, #8-32 (12.9120)							AR					3		
* NOT SERVICED; COMPONENTS ARE AVAILABLE.																
7.4010 - MOUNTING, INSTRUMENT PANEL																
	5193755	MOUNTING ASSY. (ANTI-VIBRATION)					AR									
	5175402	ADAPTOR, INSTRUMENT CLUSTER							1							
7.4012 - COVER, INSTRUMENT PANEL																
	5124258	COVER					1			1						
	132760	BOLT, #8-32X1 1/2" (12.9025)					2			2						
	106496	LOCKWASHER, #8 (12.9200)					2			2						
	120622	NUT, #8-32 (12.9120)					2			2						
7.4015 - AMMETER, BATTERY																
INCLUDES 1503496 CLAMP IN 7.4020.																
4A	6474038	AMMETER (100 AMP.)												1		
4A	6474062	AMMETER (50 AMP.)					1									
4A	1502864	+ INDICATOR (BATTERY CHARGING)				1				1						
+ OBSOLETE.																

7.4000A INSTRUMENTS

PART		TYPES												
FIG	NUMBER	NAME AND DESCRIPTION	7 5 0	7 5 4	7 5 5	7 5 9	7 6 0	7 6 5	7 6 7	7 7 6	7 7 8	7 8 0	7 8 3	7 8 4
7.4020 - CLAMP, AMMETER														
	5101141	CLAMP					1							
	5134166	CLAMP					1							
7.4060 - TACHOMETER														
INCLUDES CLAMP IN 7.4065. ADAPTOR KIT INCLUDES RED. ADAPTOR AND KEY, NOT SOLD SEPARATELY. TO CONVERT FROM 7/8" TO 5/8" TACH. DRIVE.														
4A	1549866	# TACHOMETER (C.W., 3500 RPM) (WITH HOURMETER) (5658119)												1
4A	1548168	+ TACHOMETER (C.W., 4000 RPM) (WITH HOURMETER)		1										
4A	6468424	TACHOMETER (3500 RPM) (ELECTRIC)	1											
	5158149	SPACER (2.9410)												2
	120217	LOCKWASHER, #10 (12.9200)												AR
	120614	NUT, #10-32 (12.9120)												AR
# NOT SERVICED: USE PART NUMBER IN PARENTHESES PLUS (1) 6479007 KIT. + OBSOLETE														
7.4061 - ADAPTOR, TACHOMETER MOUNTING														
4A	5187601	ADAPTOR												1
	436537	SCREW, #8-32X7/8" (12.9025)												3
	121841	LOCKWASHER, #8 (12.9200)												3
	103092	NUT, #8-32 (12.9120)												3
7.4062 - DRIVE UNIT, TACHOMETER														
	6412684	* DRIVE UNIT, ELECTRIC (ENG. SPEED INPUT)					1							
* NOT SERVICED, USE 6469711(1/2 ENG. SPEED INPUT) PLUS 1565192 AND 5657941.														
7.4063 - RETAINER, TACHOMETER														
4A	5148776	RETAINER												1
	132979	SCREW, #10-24X5/8" (12.9025)												4
	106498	LOCKWASHER, #12 (12.9200)												4

DETROIT DIESEL

53 MPC ENGINES

7.4000A INSTRUMENTS

			TYPES											
FIG	PART NUMBER	NAME AND DESCRIPTION	7 5 0	7 5 4	7 5 5	7 5 9	7 6 0	7 6 5	7 6 7	7 7 6	7 7 8	7 8 0	7 8 3	7 8 4
		7.4063 - RETAINER, TACHOMETER (CONT'D)												
	103089	NUT, #12-24 (12.9120)												4
		7.4065 - CLAMP, TACHOMETER												
	1535062	CLAMP		1										
		7.4070 - GAGE, OIL PRESSURE												
		INCLUDES CLAMP IN 7.4072.												
4A	5654136	GAGE (24V., ELECTRIC) (120#)				1				1				
	9409262	CAP, FLARED TUBE SEAL (1/4" TUBE)			1									
	118748	CONNECTOR, 1/4" FL. TUBE (12.9380)			1									
	120217	LOCKWASHER, #10 (12.9200)			AR		AR	AR	AR					
	120614	NUT, #10-32 (12.9120)			AR		AR	AR						
		7.4071 - GAGE, OIL PRESSURE (REVERSE GEAR OR TORQUE CONVERTER)												
		INCLUDES CLAMP IN 7.4072.												
	6463362	GAGE (200#) (RESTRICTED)										1		
		7.4072 - CLAMP, OIL PRESSURE GAGE												
	1505244	+ CLAMP			AR									
	5101141	CLAMP (7.4020)			AR		AR	AR						AR
	1501207	+ CLAMP						AR						
		+ OBSOLETE.												
		7.4074 - TUBE ASSY., OIL PRESSURE GAGE												
	5125792	TUBE, 1/4" I.D. X 8.50" DEV. L.					1							
	5119366	HOSE, 3/16" X 1" FLEX.					1							
	5182882	HOSE, 3/16" I.D. X 20 1/2" L FLEX.							1					
	5139692	HOSE, 3/16" X 25" L.		1										
	5134530	HOSE, 5/16" I.D. X 15 3/4" L (7.8300)								1				
	5132599	HOSE, 5/16" I.D. X 25" L (2.5150)				1								
	5132613	HOSE, 5/16" X 34 1/2" L (7.8300)												1
	1508350	FITTING, 1/8"-27 (.25 RESTRICTED)												1
	5141742	ELBOW (.040" RESTRICTED)			1									