

CATERPILLAR 135H

7MM / SEBP2480

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112-4320 ALTERNATOR AR-CHARGING

112-4320 ALTERNATOR AR-CHARGING S/N 7MM1-UP 24-VOLT, 80-AMPERE AN ATTACHMENT

Arrangement composition. Follow the table links to the component drawings.

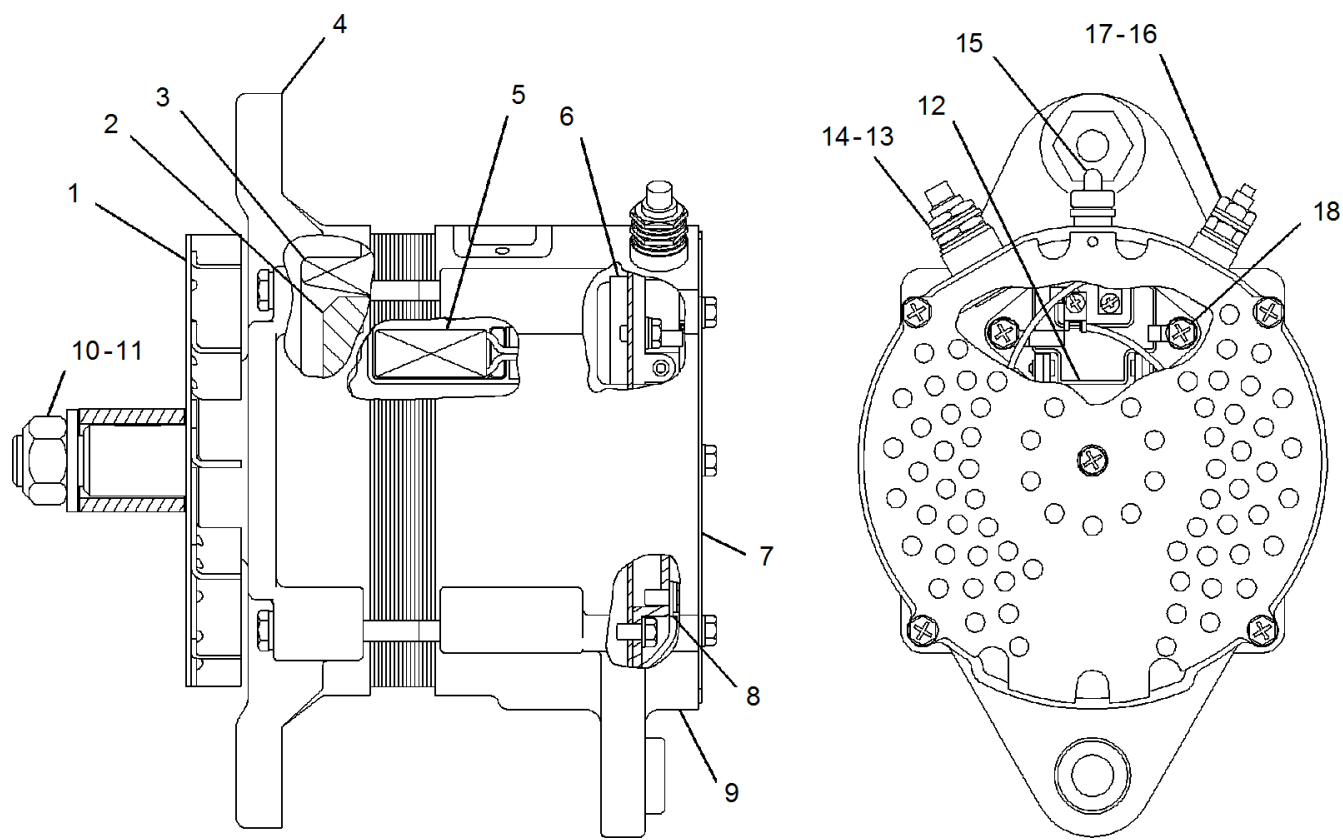
Ref.	Part number	Description	Qty	Code	Group page
	100-5047	ALTERNATOR GP-CHARGING (24-VOLT, 50-AMPERE)	1	Y	7
OR alternate consist option CAT source: -OR-					
	177-9953	ALTERNATOR GP-CHARGING (24-VOLT, 80-AMPERE)	1	Y	
	9S-4693	CIRCUIT BREAKER AS (80-AMPERE)(ALTERNATOR)	1		
	0S-1570	BOLT (1/4-28X0.625-IN)	2		
	1H-3244	LOCKWASHER	2		
	7X-3182	BOLT (1/4-28X0.5-IN)	2		
	8T-4205	WASHER-HARD (7.2X14.5X2-MM THK)	2		
	5P-4115	WASHER-HARD (7.2X19X2-MM THK)	2		

CAT codes: R, Y.

100-5045 ALTERNATOR GP-CHARGING

100-5045 ALTERNATOR GP-CHARGING S/N 7MM1-UP 24 VOLT, 50 AMPERE PART OF 100-5047 ALTERNATOR GP-CHARGING FIELD REPLACEMENT ORDER 169-3345 AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group
			.		page
1	7T-2793	FAN AS (12-BLADE)	1		
2	7T-2790	ROTOR AS	1		
3	7T-6418	STATOR AS	1		
4	7T-2792	FRAME AS	1		
5	7T-6417	COIL AS	1		
6	7T-2798	REGULATOR AS-VOLTAGE (24-VOLT)(ALTERNATOR)	1		
7	7T-2797	COVER	1		
8	7T-6416	HOLDER AS-BRUSH (ALTERNATOR)	1		
9	7T-2795	FRAME AS	1		
10	2K-4821	LOCKNUT (5/8-18-THD)	1		
11	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	1		
12	7T-2801	CONDENSER	1		
13	7X-0447	NUT (7/16-14-THD)	1		
14	2H-3920	LOCKWASHER	1		
15	9L-6770	CAP-DUST	1		

100-5045 ALTERNATOR GP-CHARGING (continued)

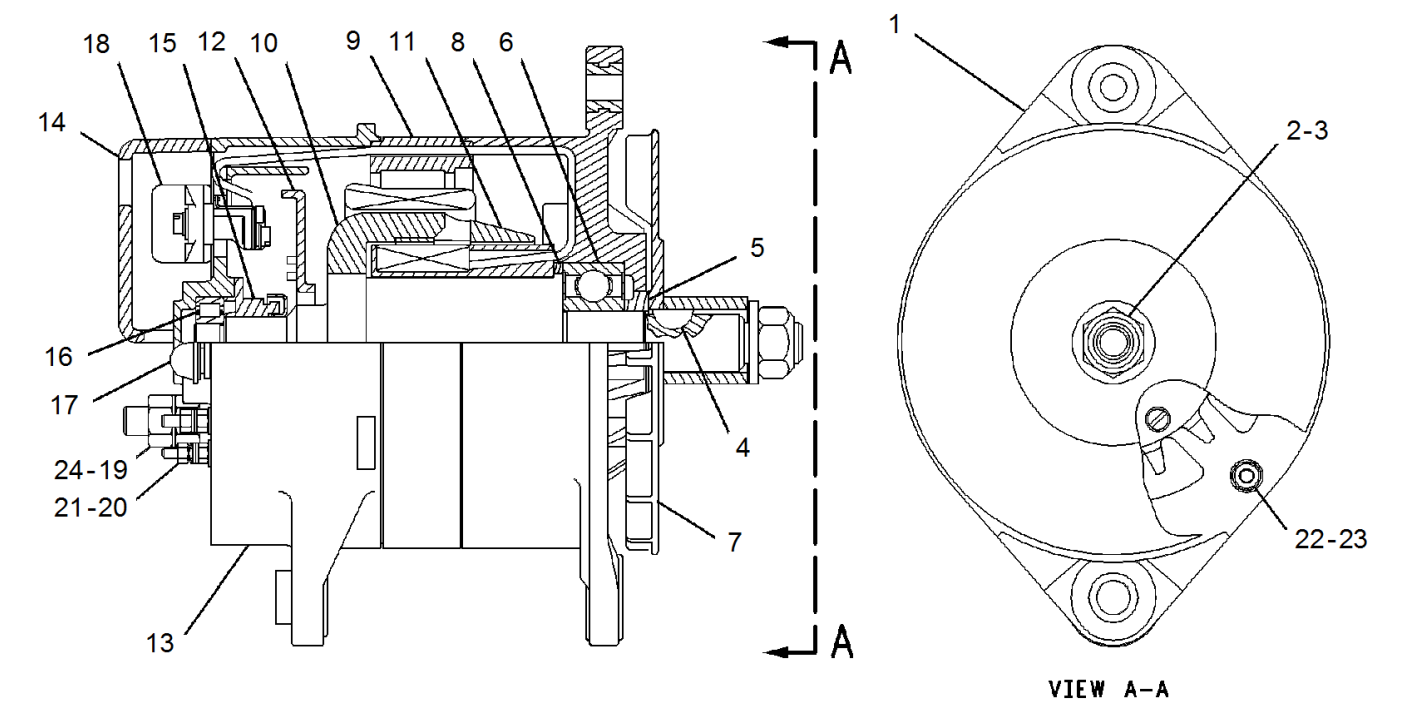
Ref.	Part number	Description	Qty	Code	Group page
16	6V-8185	NUT (1/4-20-THD)	1		
17	1H-3244	LOCKWASHER	1		
18	7T-2802	WIRE AS	1		
	1B-8705	KEY-WOODRUFF	1	F	
AVAILABLE REPAIR KIT(S):					
	7T-2799	KIT-BEARING	1		
(INCLUDES BEARINGS)					
	7T-2800	KIT-TERMINAL (ALTERNATOR AIR)	1		
(INCLUDES INSULATORS, LOCKWASHERS, WASHERS & NUTS)					
	7T-2803	KIT-HARDWARE (ALTERNATOR AIR)	1		
(INCLUDES SCREW ASSEMBLIES & BOLT ASSEMBLIES)					
	7T-2804	KIT-ALTERNATOR TERMINAL (RELAY)	1		
(INCLUDES CAP, BOLT, WIRE AS & BUSHING)					
	7T-2805	KIT-ALTERNATOR TERMINAL (NEGATIVE)	1		
(INCLUDES NUTS, LOCKWASHERS, WASHER & INSULATORS)					
	7T-2816	KIT-HARDWARE (ALTERNATOR AIR)	1		
(INCLUDES WASHERS, SPACERS, RING, PLATE AS, BOLT AS & PLATE)					

CAT codes: F.

100-5046 ALTERNATOR GP-CHARGING

100-5046 ALTERNATOR GP-CHARGING S/N 7MM1-UP 24-VOLTS, 50-AMPERE PART OF 100-5047 ALTERNATOR GP-CHARGING FIELD REPLACEMENT ORDER 169-3345, 561-2986, 100-5047 AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	9G-7566	FRAME-DRIVE END	1		
2	2K-4821	LOCKNUT (5/8-18-THD)	1		
3	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	1		
4	1B-8705	KEY-WOODRUFF	1		
5	9G-7549	SPACER (25X40X9.5-MM THK)	1		
6	9G-7551	BEARING	1		
7	9G-7564	FAN	1		
8	9G-7548	RING	1		
9	3T-1886	STATOR AS	1		
10	3T-1885	COIL AS-FIELD	1		
11	9G-7560	ROTOR AS	1		
12	3T-1887	DIODE AS	1		
13	9G-7568	FRAME AS-REAR	1		
14	9G-7562	COVER AS	1		
15	9G-7553	RING-COVER	1		
16	9G-7552	BEARING	1		
17	9L-6770	CAP-DUST	1		

100-5046 ALTERNATOR GP-CHARGING (continued)

Ref.	Part number	Description	Qty	Code	Group page
18	9G-7567	REGULATOR AS-VOLTAGE (24-VOLT)	1		
19	7X-0447	NUT (7/16-14-THD)	1		
20	5C-2874	NUT (M5X0.8-THD)	1	M	
21	7X-0620	WASHER-HARD (5.5X13X1.6-MM THK)	1		
22	9X-6001	BOLT (M5X0.8X150-MM)	4	M	
23	8T-0328	WASHER-HARD (5.5X10X1-MM THK)	4		
24	8T-5360	WASHER (12X22.5X2.5-MM THK)	1		
AVAILABLE REPAIR KIT(S):					
	9G-7554	KIT-TERMINAL GROUND (ALTERNATOR AIR)	1		
(INCLUDES LOCKWASHERS & HEX NUTS)					
	9G-7555	KIT-OUTPUT TERMINAL (ALTERNATOR AIR)	1		
(INCLUDES BUSHINGS, LOCKWASHERS, & HEX NUTS)					
	9G-7565	KIT-REGULATOR TERMINAL (ALTERNATOR AIR)	1		
(INCLUDES WASHERS, INSULATING WASHER, INSULATING BUSHING, LOCKWASHERS, & HEX NUTS)					

CAT codes: M.

100-5047 ALTERNATOR GP-CHARGING

100-5047 ALTERNATOR GP-CHARGING S/N 7MM1-UP 24-VOLT, 50-AMPERE PART OF 112-4320 ALTERNATOR AR-CHARGING FIELD REPLACEMENT ORDER 169-3345 FIELD REPLACEMENT FOR 100-5045, 100-5046 AN ATTACHMENT

Arrangement composition. Follow the table links to the component drawings.

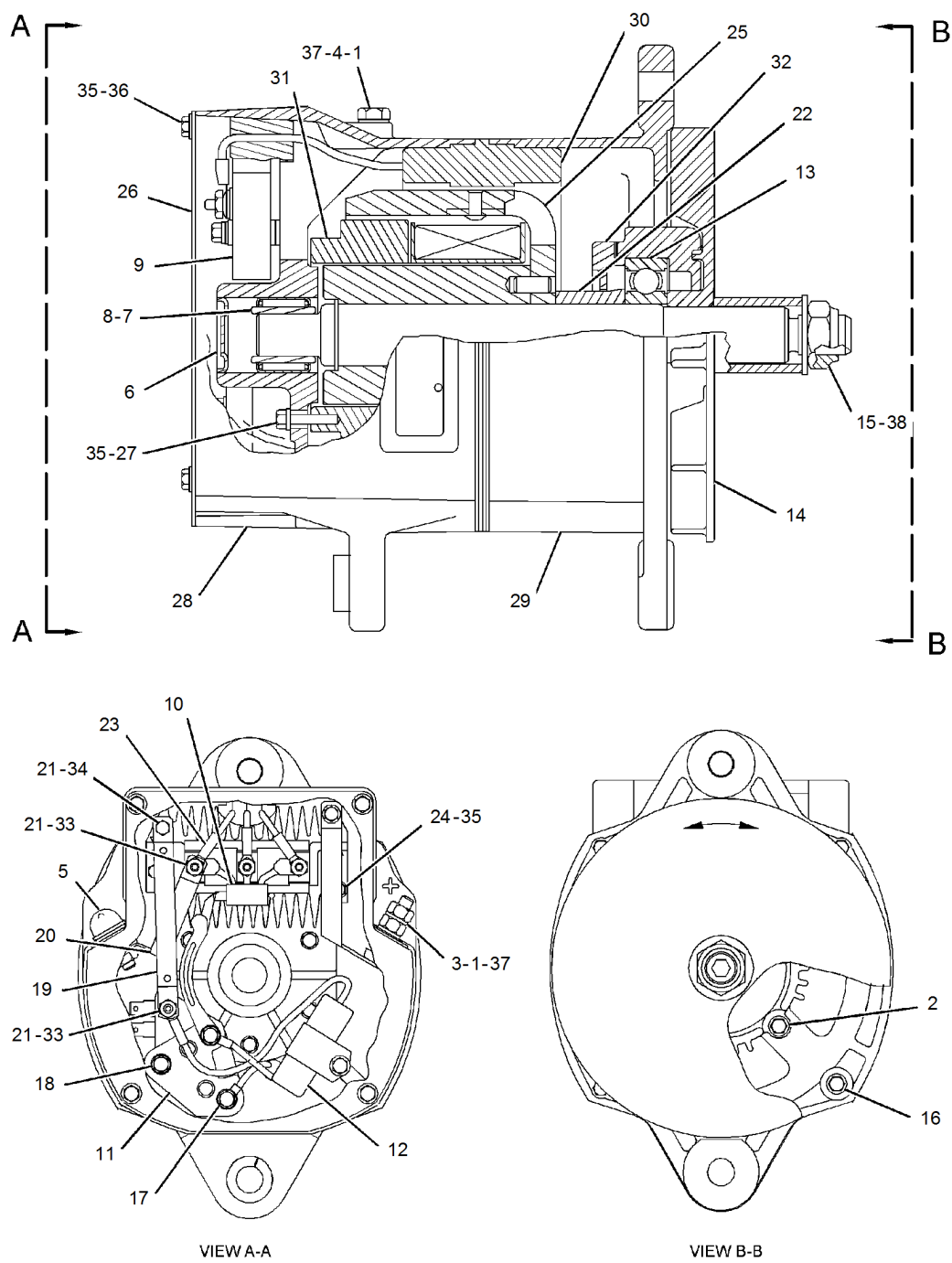
Ref.	Part number	Description	Qty	Code	Group page
	100-5045	ALTERNATOR GP-CHARGING	1	Y	3
OR alternate consist option CAT source: -OR-					
	100-5046	ALTERNATOR GP-CHARGING	1	Y	5

CAT codes: R, Y.

114-2401 ALTERNATOR GP-CHARGING

114-2401 ALTERNATOR GP-CHARGING S/N 7MM1-UP 24-VOLT, 75-AMPERE PART OF 112-4320 ALTERNATOR
AR-CHARGING FIELD REPLACEMENT ORDER 177-9953 AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8T-4205	WASHER-HARD (7.2X14.5X2-MM THK)	2		
2	9X-2500	SCREW-HEX FLANGE (10-24X38.1-MM)	4		
3	6V-8187	NUT (1/4-28-THD)	1		
4	5S-7349	BOLT (1/4-20X0.5-IN)	1		

114-2401 ALTERNATOR GP-CHARGING (continued)

Ref.	Part number	Description	Qty	Code	Group page
5	9L-6770	CAP-DUST	1		
6	9N-0943	PLUG-BEARING WELL	1		
7	5P-3418	BEARING-ROLLER	1		
8	5P-3419	RACE-BEARING INNER	1		
9	9L-6776	RECTIFIER AS	1		
10	6N-1944	DIODE AS	1		
11	3T-6354	REGULATOR AS-VOLTAGE (24-VOLT)	1		
12	105-3763	CAPACITOR AS-ALTERNATOR	1		
13	5P-7807	BALL BEARING	1		
14	100-6531	FAN-ALTERNATOR (11-BLADE)	1		
15	2K-4821	LOCKNUT (5/8-18-THD)	1		
16	9S-2009	BOLT-FLANGE HEAD (10-24X3.625-IN)	4		
17	6N-1872	SCREW AS (8-32X1.25-IN)	2		
18	7N-9023	SCREW AS (8-32X26.9-MM)	1		
19	106-7689	CONNECTOR-ALTERNATOR	1		
20	106-7690	CONNECTOR-ALTERNATOR	1		
21	9B-7233	LOCKWASHER	6		
22	100-6532	COLLAR-ALTERNATOR	1		
23	2L-8075	TERMINAL-RING (14-GA TO 16-GA, NO. 8 SCREW)	3		
24	7N-9021	SCREW AS (8-32X1.34-IN)	2		
25	9S-2302	ROTOR AS	1		
26	9N-0942	PLATE-COVER	1		
27	7X-3353	SCREW-HEX HEAD (10X24X19.05-MM)	5		
28	106-7687	HOUSING AS-ALTERNATOR	1		
29	2P-5616	FRAME-DRIVE END	1		
30	117-9690	STATOR AS-ALTERNATOR	1		
31	6N-1945	COIL AS-FIELD	1		
32	9S-2390	RETAINER	1		
33	4B-2043	NUT (8-32-THD)	4		
34	9S-2544	SCREW-HEX HEAD (8-32X11.13-MM)	2		
35	8T-0328	WASHER-HARD (5.5X10X1-MM THK)	11		
36	030-9612	SCREW-FORMING (10-24X0.5-IN)	4		
37	1H-3244	LOCKWASHER	2		
38	187-2034	NUT-FLANGE (5/8-18-THD)	1		
AVAILABLE REPAIR KIT(S):					
	9S-2013	KIT-RELAY TERMINAL (ALTERNATOR AIR)	1		

114-2401 ALTERNATOR GP-CHARGING (continued)

Ref.	Part number	Description	Qty.	Code	Group page
(INCLUDES BUSHING, WASHERS, NUT AS & STUD)					
	105-3764	KIT-ALTERNATOR TERMINAL	1		
(INCLUDES TERMINAL AS, INSULATOR, BUSHING, WASHER, NUTS & LOCKWASHERS)					

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