

CATERPILLAR SR4

8MM / SEBP2301

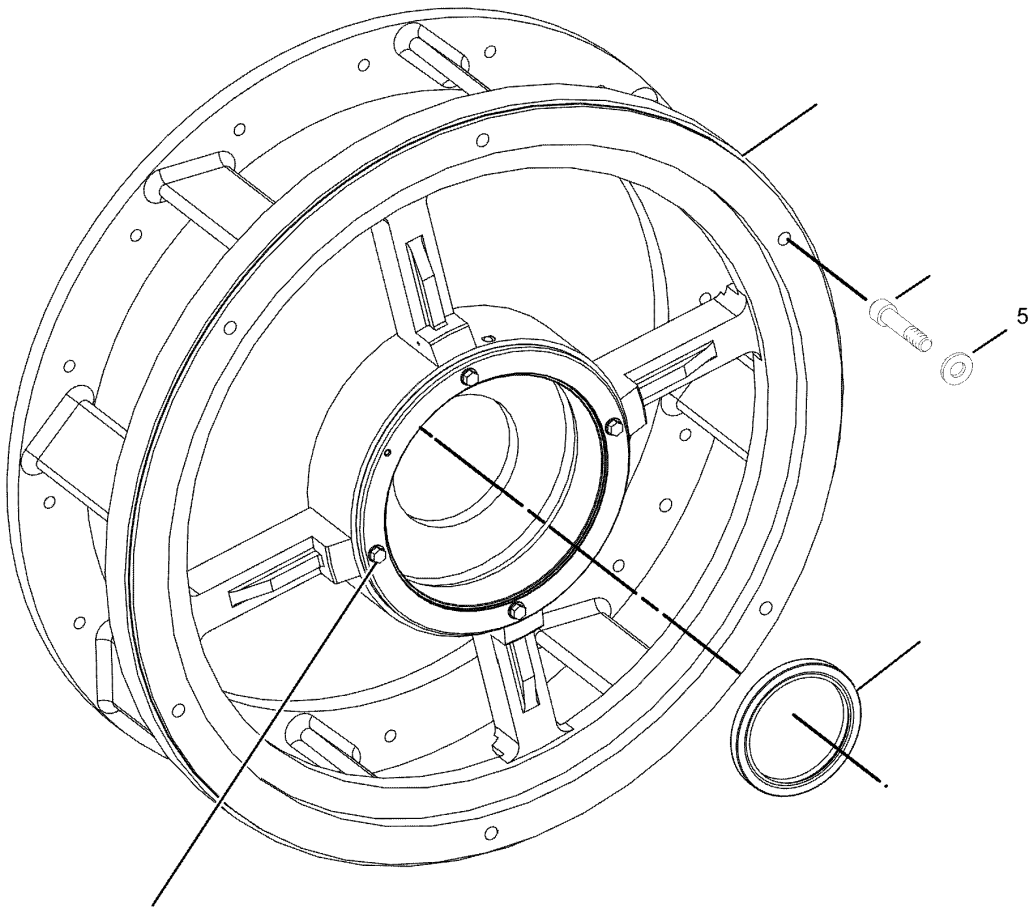
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Basic engine	

169-3571 ADAPTER GP-GENERATOR COUPLING

169-3571 ADAPTER GP-GENERATOR COUPLING S/N 8MM500-UP PART OF 128-7423, 6I-4855 GENERATOR GP FOR USE WITH 800-FRAME

Drawing 1 of 1

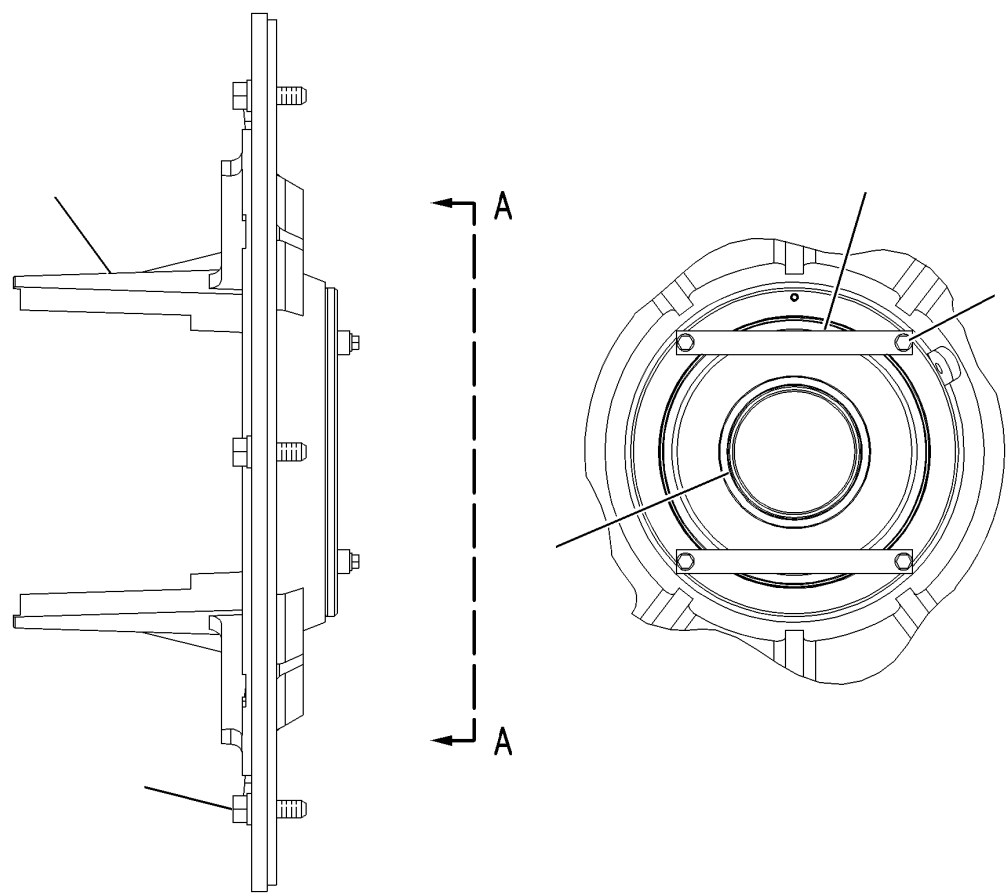


Ref.	Part number	Description	Qty	Code	Group page
1	127-4374	SEAL	1		
2	169-3570	ADAPTER AS-HOUSING	1		
	7M-5130	PIN-SPRING	1		
	152-5183	SLEEVE-WEAR	1		
3	0S-1588	BOLT (3/8-16X1.25-IN)	4		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4		
5	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	6		
6	9X-8882	BOLT (5/8-11X2.5-IN)	6		

160-0802 BRACKET GP-MOUNTING

160-0802 BRACKET GP-MOUNTING S/N 3RD638-UP; 4MD746-UP; 8MM500-UP PART OF 128-7423, 6I-4855, 7C-2623, 9Y-1408 GENERATOR GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5H-1504	WASHER-HARD (20X33.5X5-MM THK)	6		
2	127-4374	SEAL	1		
3	152-5338	RETAINER-BAR	2		
4	159-9377	BRACKET AS-HOUSING	1		
	7M-5130	PIN-SPRING	1		
	152-5183	SLEEVE-WEAR	1		
5	0S-1571	BOLT (3/8-16X1.75-IN)	4		
6	1A-8063	BOLT (3/4-10X2.5-IN)	6		
7	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4		

236-2490 CABLE GP-GENERATOR GROUND -NEUTRAL

236-2490 CABLE GP-GENERATOR GROUND -NEUTRAL S/N 5YA845-UP; 5ZA600-UP; 6LA647-UP; 8ZD605-UP; 8MM500-UP FOR USE WITH MEDIUM VOLTAGE AN ATTACHMENT

Kit / parts list. The current source card does not provide a separate drawing.

Ref.	Part number	Description	Qty	Code	Group page
	236-2454	CABLE (GROUNDING)	1		

147-7258 CONNECTION GP-TERMINAL STRIP

147-7258 CONNECTION GP-TERMINAL STRIP S/N 5RA643-UP; 5SA515-UP; 8ZD605-UP; 8MM500-UP; 5TA845-UP; 5VA543-UP; 5YA845-UP; 5ZA600-UP; 6LA647-UP; 6WA580-UP; 3RD605-UP; 4MD610-UP FOR USE WITH LOW VOLTAGE AN ATTACHMENT

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

Ref.	Part number	Description	Qty	Code	Group page
	4M-6425	BOLT (5/16-18X1-IN)	3		
	8T-0023	BOLT-HEAD LOCKING (5/16-18X1-IN)	8		
	132-8622	BRACKET-TRANSFORMER	1		
	3S-8664	CLIP (LOOP)	1		
	6P-0699	GROMMET	8		
	9S-5937	LOCKNUT (10-32-THD)	2		
	6V-8189	NUT (5/16-18-THD)	3		
	120-8714	PANEL AS	1		
	9F-6445	NUT-WELD (1/4-20-THD)	2		
	4K-9097	NUT-WELD (5/16-18-THD)	3		
	120-8713	PANEL AS	1		
	9F-6445	NUT-WELD (1/4-20-THD)	8		
	030-1193	SCREW-MACHINE (10-32X19.05-MM)	2		
	170-5396	STRIP GP-TERMINAL (RESISTIVE TEMPERATURE DEVICE)	1	Y	
	170-5395	STRIP GP-TERMINAL (THERMOCOUPLE)	1	Y	
	170-5400	STRIP GP-TERMINAL (MAIN)	1	Y	
	4B-4274	WASHER (5.5X13X1.2-MM THK)	14		
	5P-4116	WASHER-HARD (8.8X20.5X2-MM THK)	6		

CAT codes: Y.

128-7424 GENERATOR AR

128-7424 GENERATOR AR S/N 8MM500-UP 60-HERTZ. 480-VOLT

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

Ref.	Part number	Description	Qty	Code	Group page
	128-7423	GENERATOR GP	1	Y	8
	4P-6399	FILM-IDENTIFICATION (CATERPILLAR)	1		
ON THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE TERMINAL BOX LID					
	7W-5893	FILM-INFORMATION (GENERATOR LIFTING)	4		
DIRECTLY ABOVE EACH LIFTING HOLE ON GENERATOR BARREL					
	228-4798	FILM-IDENTIFICATION (GROUND)	1		
NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT					
	224-7684	FILM-IDENTIFICATION (CAT)	2		
ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE TERMINAL BOX					
IF THE TERMINAL BOX HAS TWO PANELS, MOVE FILM TO THE CENTER OF THE REAR PANEL, AT THE TOP					
	3N-8591	FILM-INFORMATION (DO NOT LIFT)	4		
ONE ON EACH LIFTING EYE COVER ASSEMBLY					
	7C-5990	FILM-INFORMATION (NEUTRAL FLOATING)	2		
ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, DIRECTLY ABOVE THE AUTO START WARNING					
	225-3224	FILM-WARNING (AUTOMATIC ENGINE START)	2		
ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, DIRECTLY ABOVE THE SHOCK WARNING FILM					
	225-3227	FILM-WARNING (HOT SURFACE)	2		
ONE FILM ON EACH SIDE OF THE GENERATOR BARREL, DIRECTLY ON THE GENERATOR BARREL, NOT ON THE BARREL COVER					
	229-5047	FILM-WARNING (SHOCK HAZARD, READ OMM)	3		
ONE FILM ON THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE BOTTOM OF THE TERMINAL BOX					
ALSO ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, CENTERED ABOVE LIFTING INSTALLATION FILM					
	106-8061	PLATE-GENERATOR (GREASE BEARING)	1		
ON GENERATOR FRONT PANEL ASSEMBLY ON RH SIDE OF PACKAGE, NEXT TO GENERATOR INFORMATION PLATE					
	1W-7848	PLATE-SERIAL NUMBER (ENGLISH)	1		
ON RH SIDE OF GENERATOR BARREL AT FRONT USING 2K3219 DRIVE SCREWS TO INSTALL					
	2K-3219	SCREW-DRIVE (NO 6X0.25-IN)	2		
ON GENERATOR SERIAL NUMBER PLATE					

CAT codes: Y.

6I-4856 GENERATOR AR

6I-4856 GENERATOR AR S/N 8MM500-UP 60-HERTZ. 4160-VOLT

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

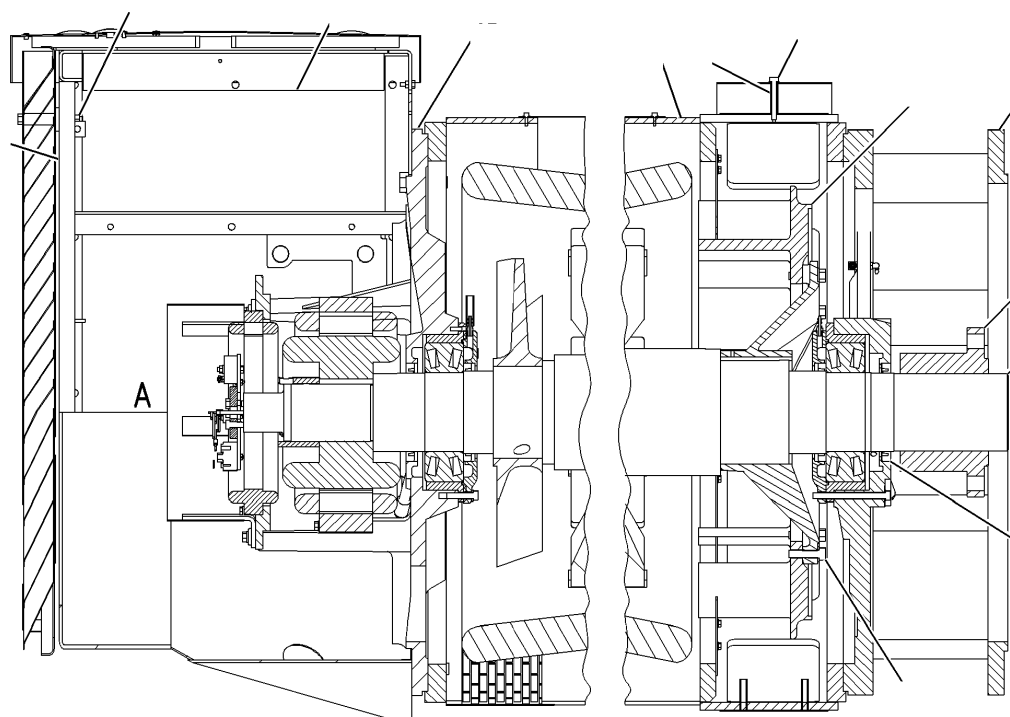
Ref.	Part number	Description	Qty	Code	Group page
	6I-4855	GENERATOR GP	1	Y	
	4P-6399	FILM-IDENTIFICATION (CATERPILLAR)	1		
ON THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE TERMINAL BOX LID					
	7C-4539	FILM-DIAGRAM (WIRING)	1		
ON INSIDE OF GENERATOR SIDE PANEL					
	7W-5893	FILM-INFORMATION (GENERATOR LIFTING)	4		
ONE DIRECTLY ABOVE EACH LIFTING HOLE ON GENERATOR BARREL					
	228-4798	FILM-IDENTIFICATION (GROUND)	1		
NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT					
	224-7684	FILM-IDENTIFICATION (CAT)	2		
ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE TERMINAL BOX IF THE TERMINAL BOX HAS TWO PANELS, MOVE FILM TO THE CENTER OF THE REAR PANEL, AT THE TOP					
	3N-8591	FILM-INFORMATION (DO NOT LIFT)	4		
ONE ON EACH LIFTING EYE COVER ASSEMBLY					
	7C-5990	FILM-INFORMATION (NEUTRAL FLOATING)	2		
ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, DIRECTLY ABOVE THE AUTO START WARNING					
	225-3224	FILM-WARNING (AUTOMATIC ENGINE START)	2		
ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, DIRECTLY ABOVE THE SHOCK WARNING FILM					
	225-3227	FILM-WARNING (HOT SURFACE)	2		
ONE FILM ON EACH SIDE OF THE GENERATOR BARREL, DIRECTLY ON THE GENERATOR BARREL, NOT ON THE BARREL COVER					
	229-5047	FILM-WARNING (SHOCK HAZARD, READ OMM)	3		
ONE FILM ON THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE BOTTOM OF THE TERMINAL BOX ALSO ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, CENTERED ABOVE LIFTING INSTALLATION FILM					
	106-8061	PLATE-GENERATOR (GREASE BEARING)	1		
ON GENERATOR FRONT PANEL ASSEMBLY ON RH SIDE OF PACKAGE, NEXT TO GENERATOR INFORMATION PLATE					
	1W-7848	PLATE-SERIAL NUMBER (ENGLISH)	1		
ON RH SIDE OF GENERATOR BARREL AT FRONT USING 2K3219 DRIVE SCREWS					
	2K-3219	SCREW-DRIVE (NO 6X0.25-IN)	2		
ON GENERATOR SERIAL NUMBER PLATE					

CAT codes: Y.

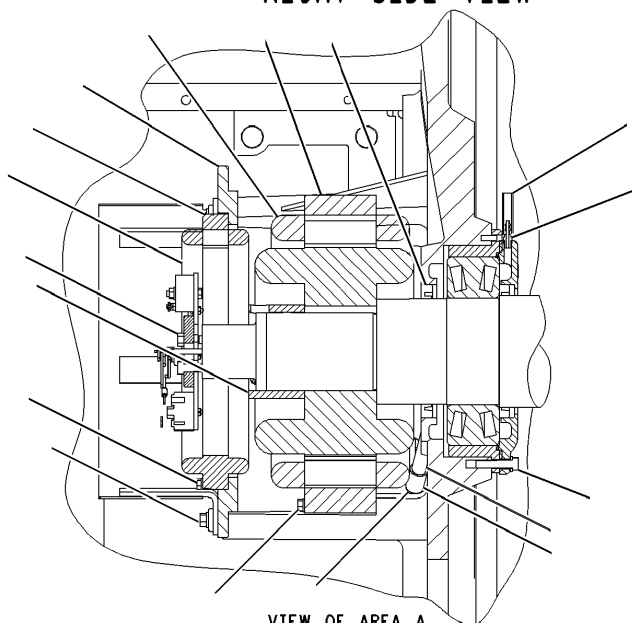
128-7423 GENERATOR GP

128-7423 GENERATOR GP S/N 8MM500-UP 60-HERTZ. 4160-VOLT. 815-FRAME, 6-POLE, 6-LEAD, 2-BEARING PART OF 128-7424 GENERATOR AR Type 1

Drawing 1 of 2



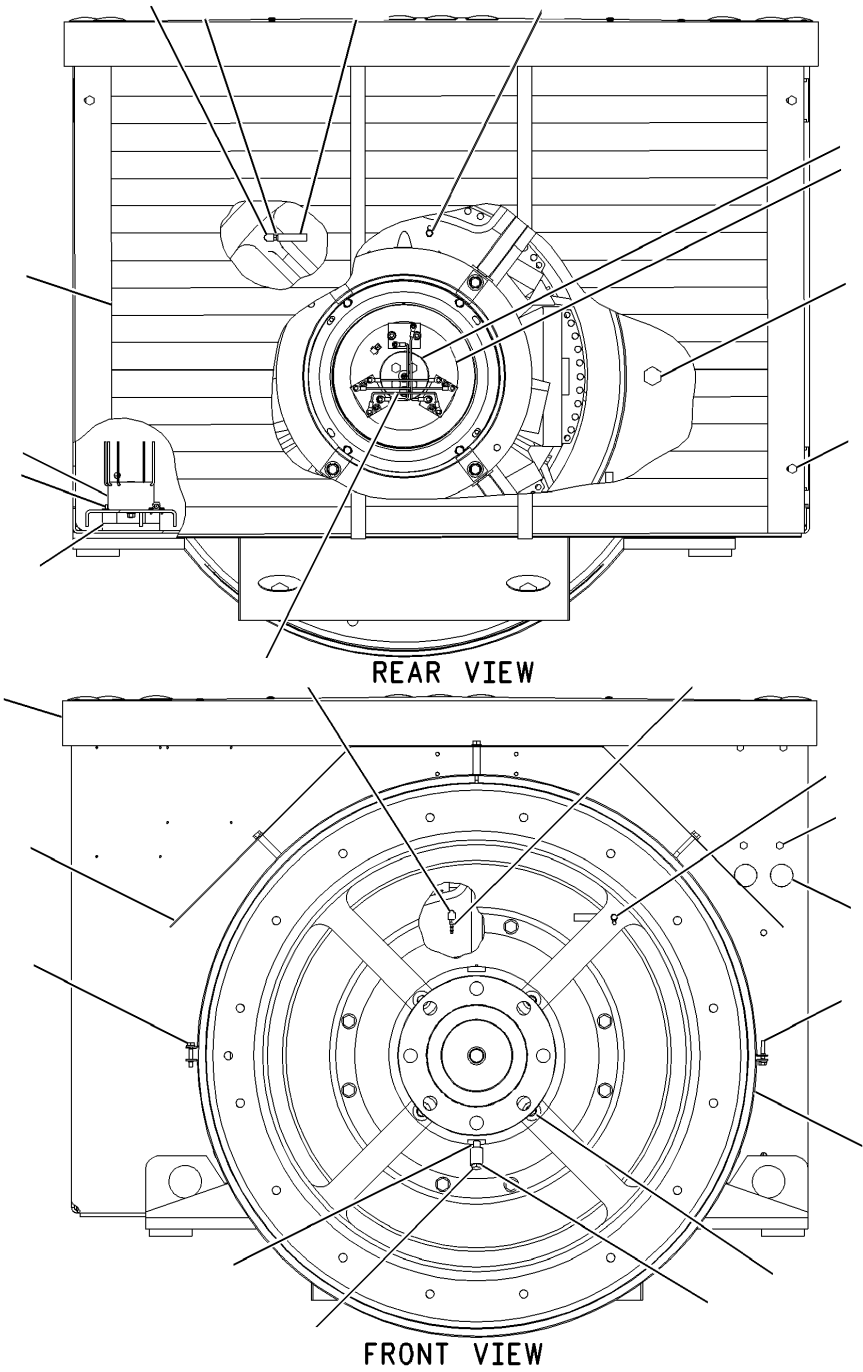
RIGHT SIDE VIEW



VIEW OF AREA A

128-7423 GENERATOR GP (continued)

Drawing 2 of 2



Ref.	Part number	Description	Qty	Code	Group page
1	3B-8488	FITTING-GREASE (1/8-27 PTF)	2		
2	4F-8711	PLUG-BUTTON	2		
3	4P-8792	ROTOR-EXCITER	1		
4	5D-1707	FITTING	1		
5	7C-0100	MOUNT-FLEXIBLE	4		
6	7C-7160	ROTOR AS (PERMANENT MAGNET)(PERMANENT MAGNET)	1		

128-7423 GENERATOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
7	7C-7525	COVER AS-TOP	1		
	5N-3167	SEAL-RING	10		
	5N-3176	PLUG-BUTTON	10		
	6D-7128	SEAL-O-RING	4		
	8P-7065	PLUG-BUTTON	4		
	8T-9587	SEAL-O-RING	4		
	030-2284	PLUG-BUTTON	4		
8	7C-9161	SEAL	2		
9	7E-0132	SLEEVE-SHAFT	1		
10	7E-3087	FAN (12-BLADE)	1		
11	7E-4475	TUBE-SPACER (8.3X11.9X50.8-MM THK)	5		
12	7E-5021	FRAME AS	1		
13	7E-8303	GROMMET	4		
14	7E-8391	COVER	1		
15	7W-8705	FITTING	4		
16	7W-8706	FITTING	2		
17	7W-8737	HOSE	2		
18	7W-9984	LOUVER-BOX	1		
19	8C-0572	WASHER (8.8X25.5X2-MM THK)	4		
20	8F-3590	LOCKWASHER	4		
21	030-7764	FITTING	1		
22	054-8671	MOUNT	4		
23	107-6274	SPACER (20.57X86.36X12.45-MM THK)	1		
24	108-3173	SCREEN AS (INLET)	2		
25	110-4171	HEAT SINK AS	1	Y	
26	110-4172	HARNESS AS-WIRING (RECTIFIER)	1		
27	115-5093	BRACKET AS-HOUSING	1		
	7M-5130	PIN-SPRING	1		
	116-7476	SLEEVE-WEAR	1		
28	117-0017	RING (SUPPORT)	1		
29	119-2207	ADAPTER AS-COUPLING	1		
	7M-5130	PIN-SPRING	1		
	116-7476	SLEEVE-WEAR	1		
30	134-0040	HUB-FLEXIBLE COUPLING (1-M)	1		
31	134-1232	STATOR AS (PERMANENT MAGNET)	1		
32	134-4722	STATOR-EXCITER	1		

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