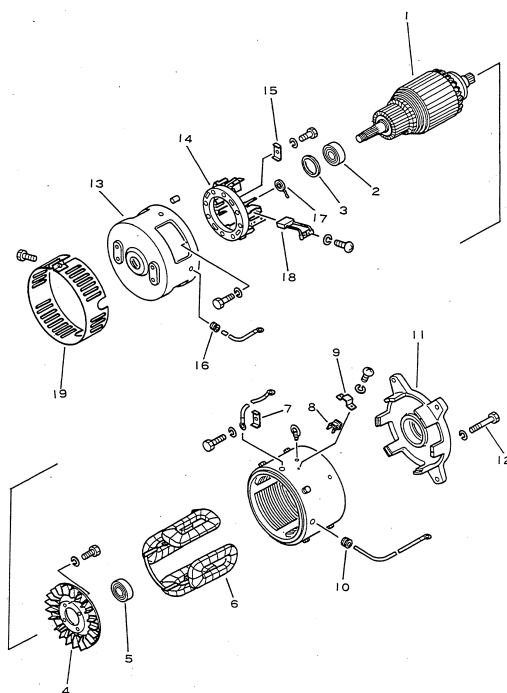


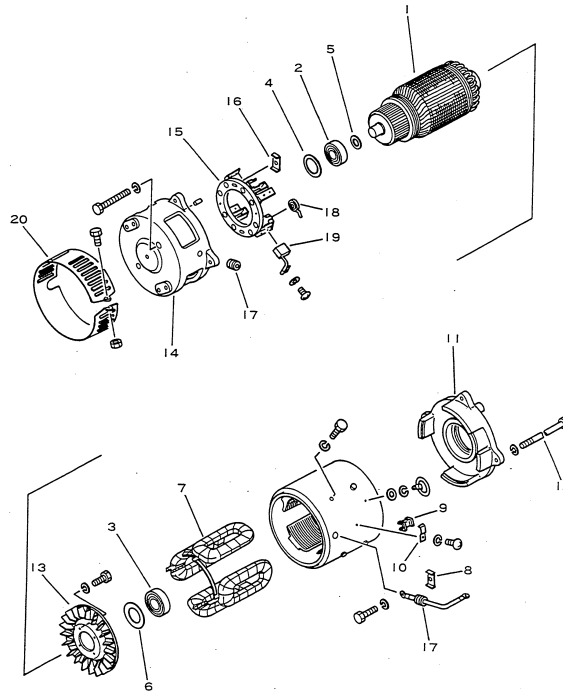


Reference: 1015

030010 DRIVE MOTOR (48V)

Item	Part No.	Part Name	Qty	Options
	3RA-17-61510	TRACTION MOTOR ASSEMBLY	1	SN: 60001-UP
1	FB0-51100-1580	• ARMATURE ASSEMBLY	1	SN: 60001-UP
2	FB1-0454-63057	• BEARING, BALL	1	SN: 60001-UP
3	FB1-31921-0150	• WASHER	2	SN: 60001-UP
4	FB1-51420-0140	• FAN	1	SN: 60001-UP
5	FB1-0454-62077	• BEARING, BALL	1	SN: 60001-UP
6	FB0-51230-1170	• FIELD COIL ASSEMBLY	1	SN: 60001-UP
7	FB0-51927-0160	• HOLDA	2	SN: 60001-UP
8	FB1-51953-0200	• GROMMET	2	SN: 60001-UP
9	FB1-51927-0160	• HOLDA	2	SN: 60001-UP
10	FB0-51953-0300	• GROMMET	2	SN: 60001-UP
11	FB0-51311-1420	• BRACKET, FRONT	1	SN: 60001-UP
12	FB1-0240-06605	• BOLT	6	SN: 60001-UP
	FB0-51700-1440	• REAR BRACKET ASSEMBLY	1	SN: 60001-UP
13	FB0-51711-1240	• • BRACKET, REAR	1	SN: 60001-UP
14	FB0-51730-0590	• • HOLDER RING ASSEMBLY	1	SN: 60001-UP
15	FB1-51927-0040	• • HOLDA	4	SN: 60001-UP
16	FB1-51953-0180	• • GROMMET	2	SN: 60001-UP
17	FB0-51913-0212	• SPRING, BRUSH	4	SN: 60001-UP
18	FB0-51740-0600	• BRUSH ASSEMBLY	4	SN: 60001-UP
19	FB0-51810-0651	• BAND	1	SN: 60001-UP

Reference: 1015

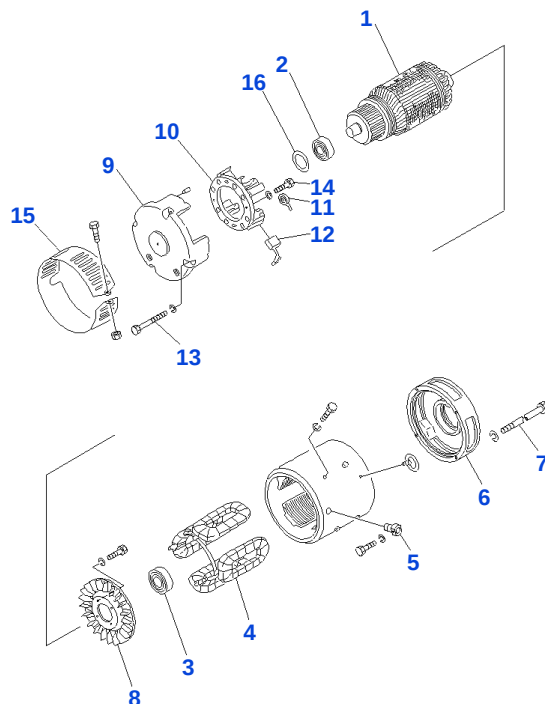


Reference: 1022

030020 PUMP MOTOR (48V)(#60001-70000)

Item	Part No.	Part Name	Qty	Options
	3RA-18-61310	PUMP MOTOR ASSEMBLY	1	SN: 60001-70000
1	FB0-51100-1590	• ARMATURE ASSEMBLY	1	SN: 60001-70000
2	FB1-0454-62057	• BEARING, BALL	1	SN: 60001-70000
3	FB1-0454-62087	• BEARING, BALL	1	SN: 60001-70000
4	FB1-31921-0120	• WASHER	2	SN: 60001-70000
5	FB0-33923-0980	• COLLAR	1	SN: 60001-70000
6	FB1-21921-0180	• WASHER	1	SN: 60001-70000
7	FB0-51230-1580	• FIELD COIL ASSEMBLY	1	SN: 60001-70000
8	FB0-51927-0360	• HOLDA	1	SN: 60001-70000
9	FB1-51953-0130	• BUSHING	1	SN: 60001-70000
10	FB1-51927-0180	• HOLDA	1	SN: 60001-70000
11	FB0-51311-1410	• BRACKET, FRONT	1	SN: 60001-70000
12	FB0-09001-4370	• BOLT	4	SN: 60001-70000
13	FB1-51420-0100	• FAN ASSEMBLY	1	SN: 60001-70000
	FB0-51700-1430	• REAR BRACKET ASSEMBLY	1	SN: 60001-70000
14	FB0-51711-1250	• BRACKET, REAR	1	SN: 60001-70000
15	FB0-51730-0120	• HOLDER RING ASSEMBLY	1	SN: 60001-70000
16	FB0-51927-0020	• HOLDA	2	SN: 60001-70000
17	FB1-51953-0220	• BUSHING	2	SN: 60001-70000
18	FB0-51913-0072	• SPRING, BRUSH	4	SN: 60001-70000
19	FB0-51740-0690	• BRUSH	4	SN: 60001-70000
20	FB0-51801-0960	• BAND	1	SN: 60001-70000

Reference: 1022



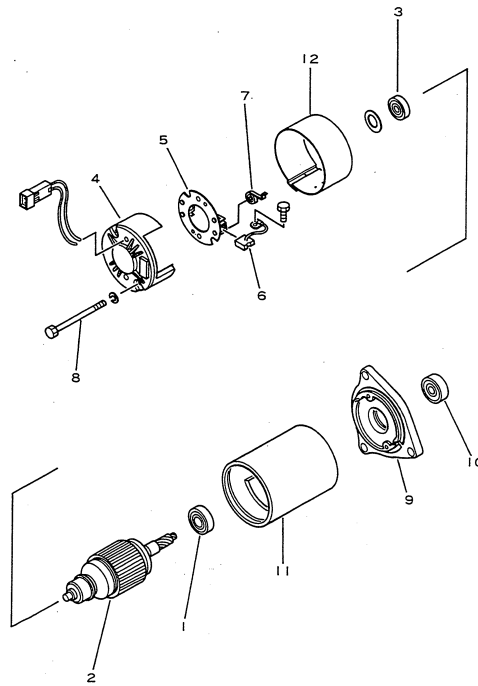
PRF2250

Reference: 1022A

030030 PUMP MOTOR (48V)(#70001-)

Item	Part No.	Part Name	Qty	Options
	3RA-18-61415	MOTOR ASSEMBLY	1	SN: 70001-UP
1	FB0-51100-1920	• ARMATURE ASSEMBLY	1	SN: 70001-UP
2	FB1-0454-62057	• BEARING, BALL	1	SN: 70001-UP
3	FB1-0454-62067	• BEARING, BALL	1	SN: 70001-UP
4	FB0-51230-1860	• FIELD COIL ASSEMBLY	1	SN: 70001-UP
5	FB0-51787-0030	• TERMINAL	2	SN: 70001-UP
6	FB0-51311-1760	• BRACKET, FRONT	1	SN: 70001-UP
7	FB0-0274-06652	• BOLT	4	SN: 70001-UP
8	FB1-51420-0120	• FAN ASSEMBLY	1	SN: 70001-UP
	FB0-51700-1920	• BRACKET ASSEMBLY, REAR	1	SN: 70001-UP
9	FB0-51711-1620	•• BRACKET	1	SN: 70001-UP
10	FB0-51730-0540	•• HOLDER RING ASSEMBLY	1	SN: 70001-UP
11	FB0-51913-0291	•• SPRING	4	SN: 70001-UP
12	FB0-51740-0650	•• BRUSH	4	SN: 70001-UP
13	FB0-00800-6752	•• BOLT	4	SN: 70001-UP
14	FB0-09001-5300	•• BOLT	4	SN: 70001-UP
15	FB0-51810-0800	•• BAND ASSEMBLY	1	SN: 70001-UP
16	FB1-31921-0121	•• WASHER	2	SN: 70001-UP

Reference: 1022A

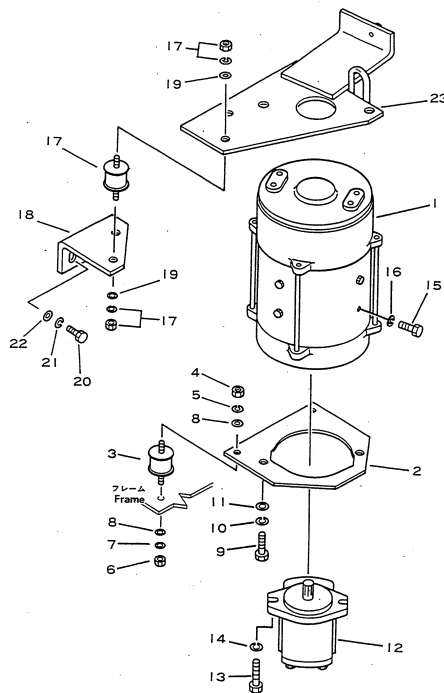


Reference: 1031

030040 POWER STEERING MOTOR (48V)

Item	Part No.	Part Name	Qty	Options
	3RA-19-61211	EPS MOTOR, POWER STEERING	1	SN: 60001-UP
1	FB1-0456-62027	• BEARING, BALL	1	SN: 60001-UP
2	FB0-52100-0060	• ARMATURE ASSEMBLY	1	SN: 60001-UP
3	FB1-0452-62007	• BEARING, BALL	1	SN: 60001-UP
4	FB0-52700-0030	• REAR BRACKET ASSEMBLY	1	SN: 60001-UP
5	FB0-51730-0520	• • HOLDER RING ASSEMBLY	1	SN: 60001-UP
6	FB0-51740-0641	• BRUSH	2	SN: 60001-UP
7	FB0-51913-0230	• SPRING, BRUSH	2	SN: 60001-UP
8	FB0-09001-4880	• BOLT	2	SN: 60001-UP
9	FB7-51300-0010	• FRONT BRACKET ASSEMBLY	1	SN: 60001-UP
10	FB0-09210-1130	• • SEAL, OIL	1	SN: 60001-UP
11	FB7-51200-0020	• YOKE ASSEMBLY	1	SN: 60001-UP
12	FB0-51810-780	• BAND ASSEMBLY	1	SN: 60001-UP

Reference: 1031

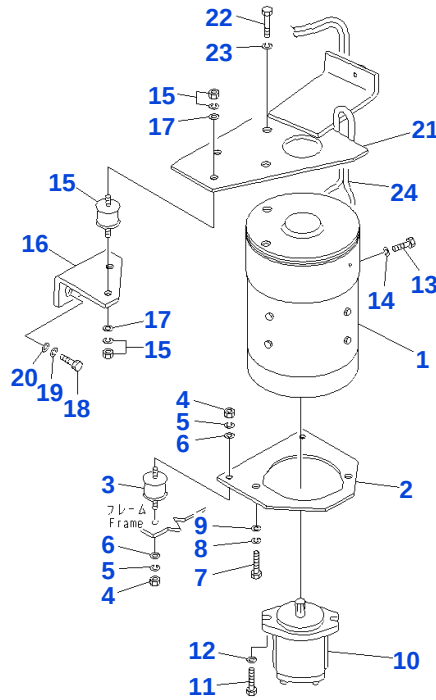


Reference: 1061

030050 PUMP MOTOR BRACKET (#60001-70000)

Item	Part No.	Part Name	Qty	Options
1	3RA-18-61310	PUMP MOTOR ASSEMBLY	1	SN: 60001-70000
2	3RA-18-63211YA	BRACKET	1	SN: 60001-70000
	3RA-18-63211WA	BRACKET, (COLD)	1	SN: 60001-70000
3	3BA-18-14130	CUSHION	2	SN: 60001-70000
4	01580-10806	NAT	2	SN: 60001-70000
5	01602-20825	WASHER, SPRING	2	SN: 60001-70000
6	01580-10806	NAT	2	SN: 60001-70000
7	01602-20825	WASHER, SPRING	2	SN: 60001-70000
8	01641-20812	WASHER	4	SN: 60001-70000
9	01010-81025	BOLT	2	SN: 60001-70000
10	01602-21030	WASHER, SPRING	2	SN: 60001-70000
11	01643-31032	WASHER	2	SN: 60001-70000
12	37R-1KF-8052	PUMP ASSEMBLY	1	SN: 60001-70000
13	37A-101-3020	BOLT	2	SN: 60001-70000
14	01643-51032	WASHER	2	SN: 60001-70000
15	01010-80812	BOLT	1	SN: 60001-70000
16	01641-20812	WASHER	1	SN: 60001-70000
17	3RA-18-12440	CUSHION	2	SN: 60001-70000
18	3RA-18-61120YA	PLATE	1	SN: 60001-70000
	3RA-18-61120WA	PLATE, (COLD)	1	SN: 60001-70000
19	01643-30823	WASHER	4	SN: 60001-70000
20	01010-81020	BOLT	2	SN: 60001-70000
21	01602-21030	WASHER, SPRING	2	SN: 60001-70000
22	01642-21016	WASHER	2	SN: 60001-70000
23	3RA-68-62182YA	BRACKET	1	SN: 60001-70000

Reference: 1061



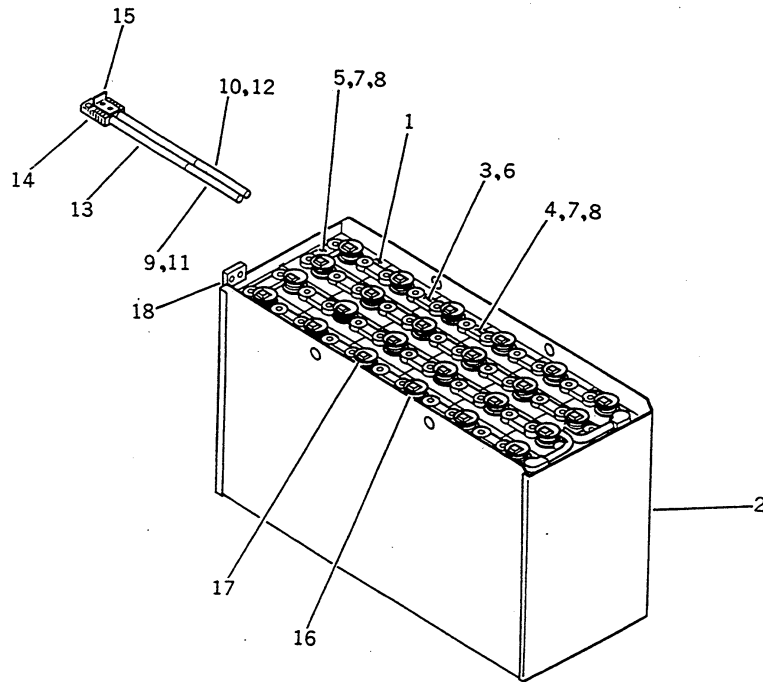
PRF2254

Reference: 1061A

030060 PUMP MOTOR BRACKET (#70001-)

Item	Part No.	Part Name	Qty	Options
1	3RA-18-61415	MOTOR ASSEMBLY	1	SN: 70001-UP
2	3RA-18-63215YA	BRACKET	1	SN: 70001-UP
	3RA-18-63215WA	BRACKET, (COLD)	1	SN: 70001-UP
3	3BA-18-14130	CUSHION	2	SN: 70001-UP
4	01580-10806	NAT	4	SN: 70001-UP
5	01602-20825	WASHER, SPRING	4	SN: 70001-UP
6	01641-20812	WASHER	4	SN: 70001-UP
7	01010-81025	BOLT	2	SN: 70001-UP
8	01602-21030	WASHER, SPRING	2	SN: 70001-UP
9	01643-31032	WASHER	2	SN: 70001-UP
10	37R-1KF-8082	PUMP ASSEMBLY	1	SN: 70001-UP
11	37A-101-3020	BOLT	2	SN: 70001-UP
12	01643-51032	WASHER	2	SN: 70001-UP
13	01010-80812	BOLT	1	SN: 70001-UP
14	01641-20812	WASHER	1	SN: 70001-UP
15	3RA-18-12440	CUSHION	2	SN: 70001-UP
16	3RA-18-61125YA	PLATE	1	SN: 70001-UP
	3RA-18-61125WA	PLATE, (COLD)	1	SN: 70001-UP
17	01643-50823	WASHER	4	SN: 70001-UP
18	01010-81020	BOLT	2	SN: 70001-UP
19	01602-21030	WASHER, SPRING	2	SN: 70001-UP
20	01642-21016	WASHER	2	SN: 70001-UP
21	3RA-18-62185YA	BRACKET	1	SN: 70001-UP
	3RA-18-62185WA	BRACKET, (COLD)	1	SN: 70001-UP
22	01010-81020	BOLT	2	SN: 70001-UP
23	01602-21030	WASHER, SPRING	2	SN: 70001-UP
24	3RA-18-61325	CABLE	1	SN: 70001-UP

Reference: 1061A

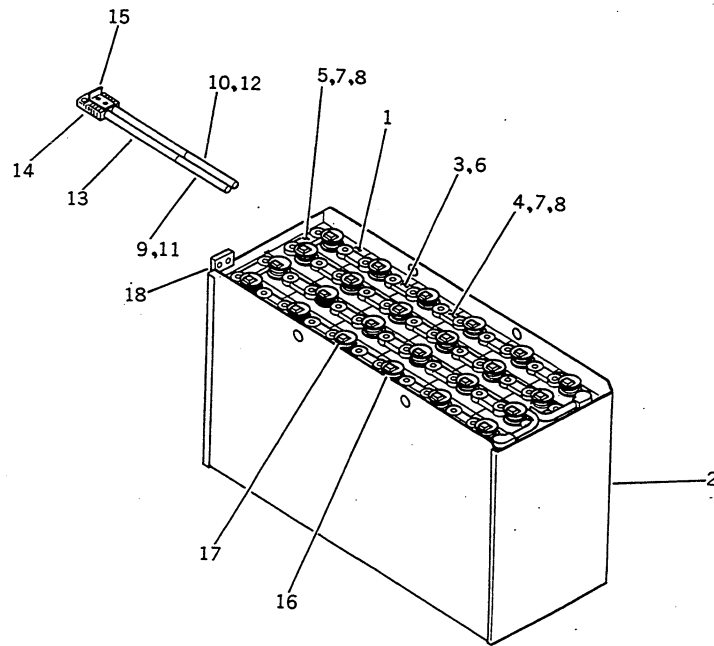


Reference: 1141

030070 BATTERY (FOR SHIN-KOBE 48V 312AH) (OP)

Item	Part No.	Part Name	Qty	Options
	37R-2BI-1160	BATTERY ASSEMBLY	1	SN: 60001-UP
1	FBMV-15416	• CELL	24	SN: 60001-UP
2	3RA-06-74390	• CASE	1	SN: 60001-UP
3	FBMV-14545-1	• CONNECTOR, (A)	16	SN: 60001-UP
4	FBMV-14768	• CONNECTOR, (B)	4	SN: 60001-UP
5	FBMV-14489-3	• CONNECTOR, (C)	3	SN: 60001-UP
6	FBMV-14547-1	• COVER, CONNECTOR (A)	16	SN: 60001-UP
7	FBMV-14491-2	• COVER,CONNECTOR (B)	7	SN: 60001-UP
8	FBMV-14490-2	• COVER, CONNECTOR (C)	7	SN: 60001-UP
9	FBMV-14938-5	• CABLE (PLUS)	1	SN: 60001-UP
10	FBMV-14938-6	• CABLE, (MINUS)	1	SN: 60001-UP
11	FBMV-14495	• COVER, (A)	1	SN: 60001-UP
12	FBMV-14496	• COVER, (B)	1	SN: 60001-UP
13	FBMV-14939-2	• TUBE	2	SN: 60001-UP
14	34A-57-27522	• PLUG	1	SN: 60001-UP
15	3RA-06-64220	• PLATE	1	SN: 60001-UP
16	FBMV-14498	• CAP	23	SN: 60001-UP
17	FBMV-14499	• CAP,SENSOR	1	SN: 60001-UP
18	FBMV-14500	• SENSOR	1	SN: 60001-UP

Reference: 1141

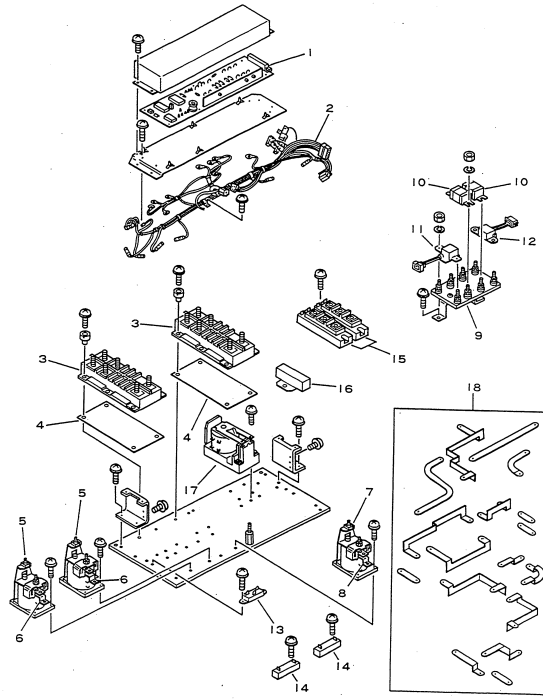


Reference: 1151

030080 BATTERY (FOR SHIN-KOBE 48V 360AH) (OP)

Item	Part No.	Part Name	Qty	Options
	37R-2BI-1170	BATTERY ASSEMBLY	1	SN: 60001-UP
1	FBMV-15417	• CELL	24	SN: 60001-UP
2	3RA-06-74390	• CASE	1	SN: 60001-UP
3	FBMV-14545-1	• CONNECTOR, (A)	16	SN: 60001-UP
4	FBMV-14768	• CONNECTOR, (B)	4	SN: 60001-UP
5	FBMV-14489-3	• CONNECTOR, (C)	3	SN: 60001-UP
6	FBMV-14547-1	• COVER, CONNECTOR (A)	16	SN: 60001-UP
7	FBMV-14491-2	• COVER,CONNECTOR (B)	7	SN: 60001-UP
8	FBMV-14490-2	• COVER, CONNECTOR (C)	7	SN: 60001-UP
9	FBMV-14938-5	• CABLE (PLUS)	1	SN: 60001-UP
10	FBMV-14938-6	• CABLE, (MINUS)	1	SN: 60001-UP
11	FBMV-14495	• COVER, (A)	1	SN: 60001-UP
12	FBMV-14496	• COVER, (B)	1	SN: 60001-UP
13	FBMV-14939-2	• TUBE	2	SN: 60001-UP
14	34A-57-27522	• PLUG	1	SN: 60001-UP
15	3RA-06-64220	• PLATE	1	SN: 60001-UP
16	FBMV-14498	• CAP	23	SN: 60001-UP
17	FBMV-14499	• CAP,SENSOR	1	SN: 60001-UP
18	FBMV-14500	• SENSOR	1	SN: 60001-UP

Reference: 1151

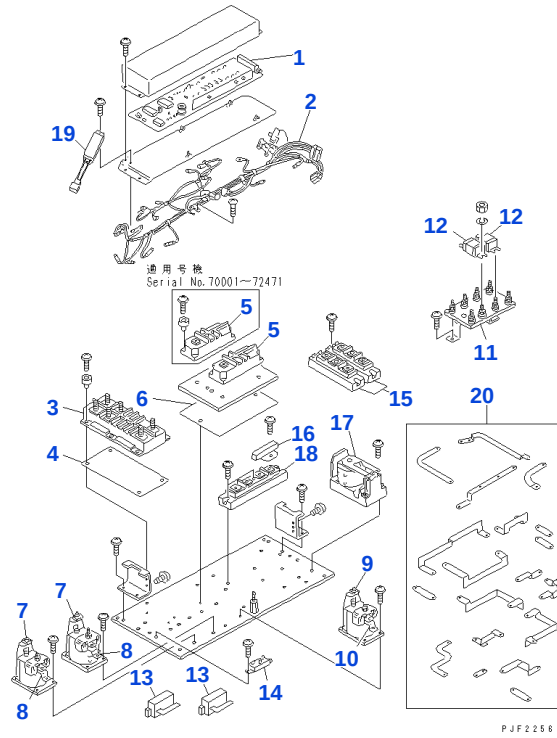


Reference: 1231

030090 DRIVE CONTROLLER(#60001-70000)

Item	Part No.	Part Name	Qty	Options
	37R-2BD-1033	CONTROLLER ASSEMBLY, DRIVE	1	SN: 60001-70000
1	FBSCEA4-5113	• PRINT CARD	1	SN: 60001-70000
2	FBSCEA4-3232	• WIRING HARNESS	1	SN: 60001-70000
3	FBSCEA4-1800	• TRANSISTOR ASSEMBLY	2	SN: 60001-70000
4	FBSCEA4-1801	• INSULATOR, FIN	4	SN: 60001-70000
5	FBCM8H-TC43	• CONTACTOR ASSEMBLY, F-R	2	SN: 60001-70000
6	FBCM8H-1702	• CONTACTOR ASSEMBLY, PIECE	1	SN: 60001-70000
7	FBCM8H-A4	• CONTACTOR ASSEMBLY, RB	1	SN: 60001-70000
8	FBCM8H-1701	• CONTACTOR ASSEMBLY, PIECE	1	SN: 60001-70000
9	FBSCEA4-3941	• PLATE,FUSE	1	SN: 60001-70000
10	FBSCEA4-1000	• FUSE, (200A)	2	SN: 60001-70000
11	FBSCEA4-1010	• DETECTOR, (DRIVE)	1	SN: 60001-70000
12	FBSCEA4-8000	• DETECTOR, (PUMP)	1	SN: 60001-70000
13	FBSCEA4-1200	• TRANSISTOR	1	SN: 60001-70000
14	FBSCEA4-1220	• REGISTER	2	SN: 60001-70000
15	FBSCEA4-1231	• TRANSISTOR, (PS)	2	SN: 60001-70000
16	FBSCEA4-2230	• REGISTER, (PS)	1	SN: 60001-70000
17	FBCM2H-A4	• CONTACTOR, PS	1	SN: 60001-70000
18	FBSCEA4-3802	• BUSHING KIT	1	SN: 60001-70000

Reference: 1231



Reference: 1231A

030100 DRIVE CONTROLLER (#70001-)

Item	Part No.	Part Name	Qty	Options
	37R-2BD-1036	CONTROLLER ASSEMBLY, DRIVE	1	SN: 72472-UP
	37R-2BD-1035	CONTROLLER ASSEMBLY, DRIVE	1	SN: 70001-72471
1	FBSCEA4-2114	• PRINT CARD	1	SN: 72472-UP
	FBSCEA4-1114	• PRINT CARD	1	SN: 70001-72471
2	FBSCEA4-3803	• WIRING HARNESS	1	SN: 72472-UP
	FBSCEA4-2803	• WIRING HARNESS	1	SN: 70001-72471
3	FBSCEA4-1800	• TRANSISTOR ASSEMBLY, MODULE	1	SN: 70001-UP
4	FBSCEA4-1801	• INSULATOR, FIN	2	SN: 70001-UP
5	FBSCEN3-5112	• TRANSISTOR ASSEMBLY, POWER	1	SN: 72472-UP
	FBSCEN3-5112	• TRANSISTOR ASSEMBLY, POWER	2	SN: 70001-72471
6	FBSCEA4-1141	• INSULATOR, FIN	2	SN: 70001-UP
7	FBCM8H-TC43	• CONTACTOR ASSEMBLY, F-R	2	SN: 70001-UP
8	FBCM8H-1702	• • CONTACTOR ASSEMBLY, PIECE	1	SN: 70001-UP
9	FBCM8H-A4	• CONTACTOR ASSEMBLY, RB	1	SN: 70001-UP
10	FBCM8H-1701	• • CONTACTOR ASSEMBLY, PIECE	1	SN: 70001-UP
11	FBSCEA4-4941	• PLATE, FUSE	1	SN: 70001-UP
12	FBSCEA4-1000	• FUSE, (200A)	2	SN: 70001-UP
13	FBSCEA4-1011	• DETECTOR	2	SN: 70001-UP
14	FBSCEA4-1200	• TRANSISTOR	1	SN: 70001-UP
15	FBSCEA4-1231	• TRANSISTOR, (PS)	2	SN: 70001-UP
16	FBSCEA4-2230	• REGISTER, (PS)	1	SN: 70001-UP
17	FBCM2H-A4	• CONTACTOR, PS	1	SN: 70001-UP
18	FBCEN3-1400	• DIODE	1	SN: 70001-UP
19	FBSCEA4-2220	• REGISTER	1	SN: 70001-UP
20	FBSCEA4-5802	• BUSHING KIT	1	SN: 72472-UP
	FBSCEA4-4802	• BUSHING KIT	1	SN: 70001-72471

Reference: 1231A

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