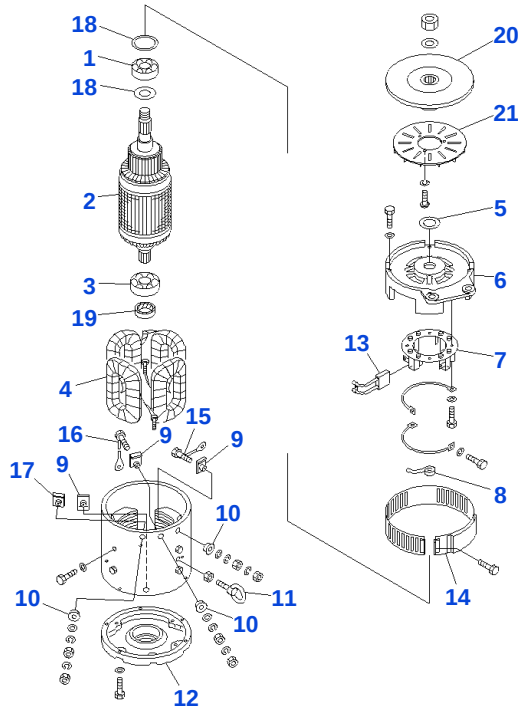




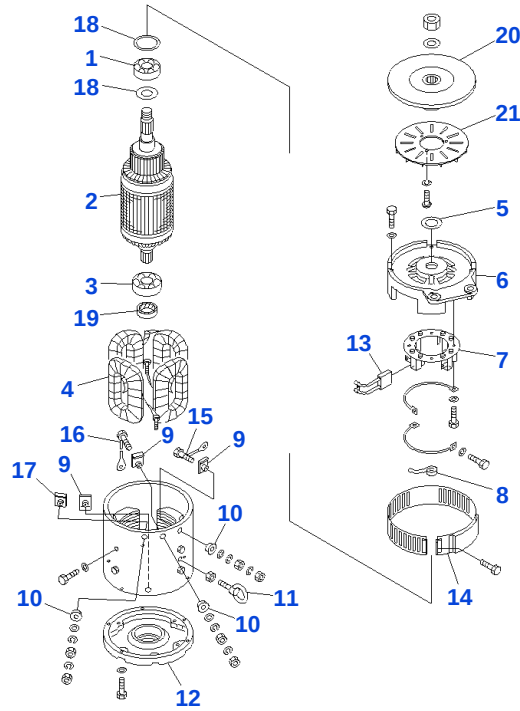
PWF4305

Reference: 1001

030010 DRIVE MOTOR (LEFT)

Item	Part No.	Part Name	Qty	Options
	3BA-17-31160	MOTOR ASSEMBLY, DRIVE	1	SN: 10001-UP
	3BA-17-31170	• MOTOR, LEFT	1	SN: 10001-UP
1	FB1-0456-62067	•• BEARING, BALL	1	SN: 10001-UP
2	FB0-51100-1370	•• ARMATURE ASSEMBLY	1	SN: 10001-UP
3	FB1-0456-62077	•• BEARING, BALL	1	SN: 10001-UP
4	FB0-51230-1380	•• COIL ASSEMBLY, FIELD	1	SN: 10001-UP
5	FB0-51923-0550	•• COLLAR	1	SN: 10001-UP
	FB0-51700-1180	•• BRACKET ASSEMBLY, REAR	1	SN: 10001-UP
6	FB0-51711-1060	••• BRACKET	1	SN: 10001-UP
7	FB0-51730-0530	••• RING ASSEMBLY, HOLDER	1	SN: 10001-UP
8	FB0-51913-0291	•• SPRING, BRUSH	4	SN: 10001-UP
9	FB0-51943-0300	•• BUSHING, INSULATOR	3	SN: 10001-UP
10	FB0-51943-0320	•• BUSHING, INSULATOR	4	SN: 10001-UP
11	FB1-0260-08152	•• BOLT, EYE	1	SN: 10001-UP
12	FB0-51311-1310	•• BRACKET, FRONT	1	SN: 10001-UP
13	FB0-51740-0650	•• BRUSH	4	SN: 10001-UP
14	FB0-51840-0790	•• BAND ASSEMBLY	1	SN: 10001-UP
15	FB0-51780-0470	•• TERMINAL ASSEMBLY	1	SN: 10001-UP
16	FB0-51780-0460	•• TERMINAL ASSEMBLY	1	SN: 10001-UP
17	FB0-51943-0310	•• BUSHING, INSULATOR	1	SN: 10001-UP
18	FB7-51920-0010	•• WASHER ASSEMBLY	1	SN: 10001-UP
19	FB1-0511-35483	•• SEAL, OIL	1	SN: 10001-UP
20	3BA-30-31381	• DISK	1	SN: 10001-UP
21	3BA-17-31130	• FAN ASSEMBLY	1	SN: 10001-UP

Reference: 1001



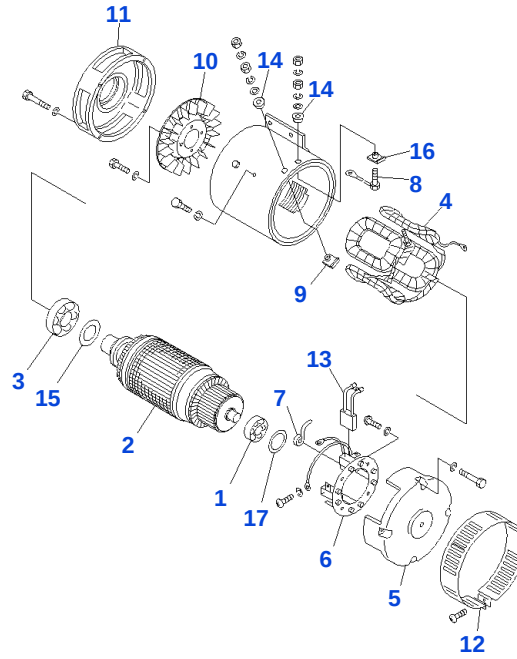
PWF4305

Reference: 1005

030020 DRIVE MOTOR (RIGHT)

Item	Part No.	Part Name	Qty	Options
	3BA-17-31110	MOTOR ASSEMBLY, DRIVE	1	SN: 10001-UP
	3BA-17-31120	• MOTOR, LEFT	1	SN: 10001-UP
1	FB1-0456-62067	•• BEARING, BALL	1	SN: 10001-UP
2	FB0-51100-1370	•• ARMATURE ASSEMBLY	1	SN: 10001-UP
3	FB1-0456-62077	•• BEARING, BALL	1	SN: 10001-UP
4	FB0-51230-1380	•• COIL ASSEMBLY, FIELD	1	SN: 10001-UP
5	FB0-51923-0550	•• COLLAR	1	SN: 10001-UP
	FB0-51700-1170	•• BRACKET ASSEMBLY, REAR	1	SN: 10001-UP
6	FB0-51711-1060	••• BRACKET	1	SN: 10001-UP
7	FB0-51730-0530	••• RING ASSEMBLY, HOLDER	1	SN: 10001-UP
8	FB0-51913-0291	•• SPRING, BRUSH	4	SN: 10001-UP
9	FB0-51943-0300	•• BUSHING, INSULATOR	3	SN: 10001-UP
10	FB0-51943-0320	•• BUSHING, INSULATOR	4	SN: 10001-UP
11	FB1-0260-08152	•• BOLT, EYE	1	SN: 10001-UP
12	FB0-51311-1310	•• BRACKET, FRONT	1	SN: 10001-UP
13	FB0-51740-0650	•• BRUSH	4	SN: 10001-UP
14	FB0-51840-0790	•• BAND ASSEMBLY	1	SN: 10001-UP
15	FB0-51780-0470	•• TERMINAL ASSEMBLY	1	SN: 10001-UP
16	FB0-51780-0460	•• TERMINAL ASSEMBLY	1	SN: 10001-UP
17	FB0-51943-0310	•• BUSHING, INSULATOR	1	SN: 10001-UP
18	FB7-51920-0010	•• WASHER ASSEMBLY	1	SN: 10001-UP
19	FB1-0511-35483	•• SEAL, OIL	1	SN: 10001-UP
20	3BA-30-31381	• DISK	1	SN: 10001-UP
21	3BA-17-31130	• FAN ASSEMBLY	1	SN: 10001-UP

Reference: 1005



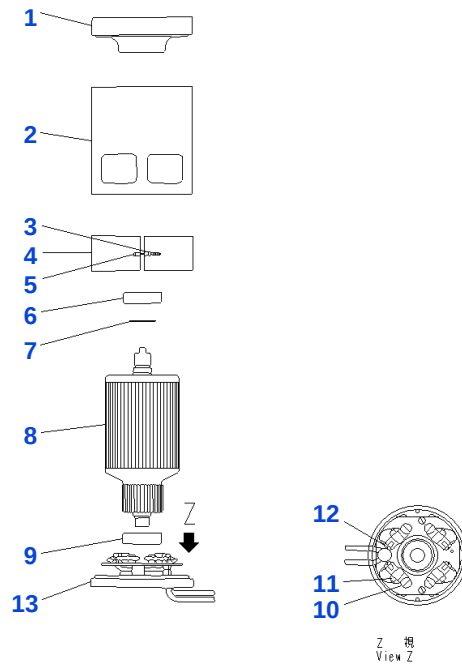
PWF4306

Reference: 1021

030030 PUMP MOTOR

Item	Part No.	Part Name	Qty	Options
	3BA-18-31111	MOTOR ASSEMBLY, PUMP	1	SN: 10001-UP
1	FB1-0456-62057	• BEARING, BALL	1	SN: 10001-UP
2	FB0-51100-1850	• ARMATURE ASSEMBLY	1	SN: 10001-UP
3	FB1-0454-62087	• BEARING, BALL	1	SN: 10001-UP
4	FB0-51230-1780	• COIL ASSEMBLY, FIELD	1	SN: 10001-UP
	FB0-51700-1190	• BRACKET ASSEMBLY, REAR	1	SN: 10001-UP
5	FB0-51711-1070	• BRACKET	1	SN: 10001-UP
6	FB0-51730-0540	• HOLDER RING ASSEMBLY, HOLDER	1	SN: 10001-UP
7	FB0-51913-0291	• SPRING, BRUSH	4	SN: 10001-UP
8	FB0-51780-0460	• TERMINAL ASSEMBLY	1	SN: 10001-UP
9	FB0-51943-0300	• BUSHING, INSULATOR	1	SN: 10001-UP
10	FB1-51420-0120	• FAN ASSEMBLY	1	SN: 10001-UP
11	FB0-51311-1210	• BRACKET, FRONT	1	SN: 10001-UP
12	FB0-51810-0800	• BAND ASSEMBLY	1	SN: 10001-UP
13	FB0-51740-0650	• BRUSH	4	SN: 10001-UP
14	FB0-51943-0320	• BUSHING, INSULATOR	2	SN: 10001-UP
15	FB1-21921-0180	• WASHER	1	SN: 10001-UP
16	FB0-51943-0310	• BUSHING, INSULATOR	1	SN: 10001-UP
17	FB1-31921-0121	• WASHER	1	SN: 10001-UP

Reference: 1021



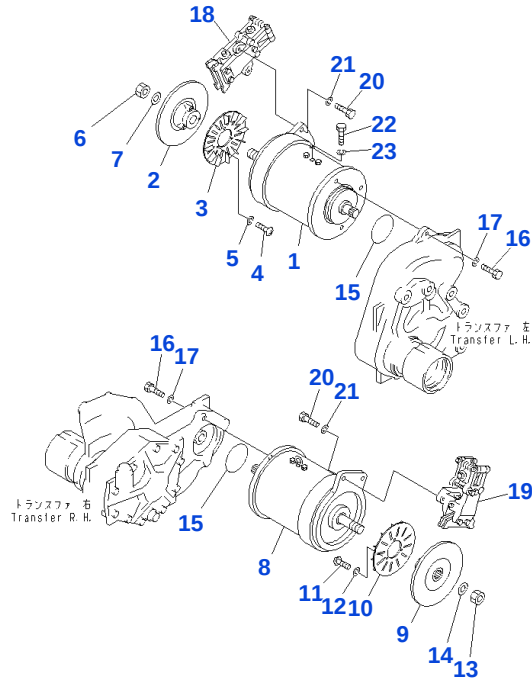
PWF4307

Reference: 1031

030040 POWER STEERING MOTOR

Item	Part No.	Part Name	Qty	Options
	3BB-19-24411	MOTOR ASSEMBLY, STEERING	1	SN: 10001-UP
1	3BB-19-24430	• COVER	1	SN: 10001-UP
2	3BB-19-24440	• STATOR ASSEMBLY	1	SN: 10001-UP
3	3BB-19-24450	• NAT	1	SN: 10001-UP
4	3BB-19-24460	• COVER	1	SN: 10001-UP
5	3BB-19-24470	• SCREW	1	SN: 10001-UP
6	3BB-19-24480	• BEARING	1	SN: 10001-UP
7	3BB-19-24490	• RING, RETAINER	1	SN: 10001-UP
8	3BB-19-24540	• ARMATURE ASSEMBLY	1	SN: 10001-UP
9	3BB-19-24550	• BEARING	1	SN: 10001-UP
10	3BB-19-24560	• SPRING, BRUSH	4	SN: 10001-UP
11	3BB-19-24570	• BRUSH	4	SN: 10001-UP
12	3BB-19-24580	• SCREW	4	SN: 10001-UP
13	3BB-19-24590	• COVER ASSEMBLY	1	SN: 10001-UP

Reference: 1031



PWF4308

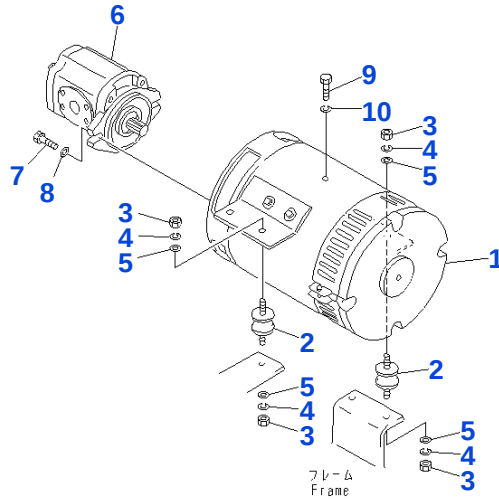
Reference: 1051

030050 DRIVE MOTOR INSTALLATION PARTS

Item	Part No.	Part Name	Qty	Options
	3BA-17-31160	MOTOR ASSEMBLY, DRIVE	1	SN: 10001-UP
1	3BA-17-31170	• MOTOR, LEFT	1	SN: 10001-UP
2	3BA-30-31381	• DISK	1	SN: 10001-UP
3	3BA-17-31130	• FAN ASSEMBLY	1	SN: 10001-UP
4	01220-40612	• SCREW	3	SN: 10001-UP
5	01602-20619	• WASHER, SPRING	3	SN: 10001-UP
6	01598-01820	• NAT	1	SN: 10001-UP
7	01643-31845	• WASHER	1	SN: 10001-UP
	3BA-17-31110	MOTOR ASSEMBLY, DRIVE	1	SN: 10001-UP
8	3BA-17-31120	• MOTOR, RIGHT	1	SN: 10001-UP
9	3BA-30-31381	• DISK	1	SN: 10001-UP
10	3BA-17-31130	• FAN ASSEMBLY	1	SN: 10001-UP
11	01220-40612	• SCREW	3	SN: 10001-UP
12	01602-20619	• WASHER, SPRING	3	SN: 10001-UP
13	01598-01820	• NAT	1	SN: 10001-UP
14	01643-31845	• WASHER	1	SN: 10001-UP
15	07000-02095	O RING	2	SN: 10001-UP
16	01010-51240	BOLT	6	SN: 10001-UP
17	01602-21236	WASHER, SPRING	6	SN: 10001-UP
18	3BA-30-31711	BRAKE ASSEMBLY, LEFT	1	SN: 11750-UP
	3BA-30-31710	☐ BRAKE ASSEMBLY, LEFT	1	SN: 10001-11749
19	3BA-30-31721	BRAKE ASSEMBLY, RIGHT	1	SN: 11750-UP
	3BA-30-31720	☐ BRAKE ASSEMBLY, RIGHT	1	SN: 10001-11749
20	304-41-31980	BOLT	4	SN: 10001-UP
21	01602-21236	WASHER, SPRING	4	SN: 10001-UP
22	01010-50812	BOLT	1	SN: 10001-UP
23	01602-20825	WASHER, SPRING	1	SN: 10001-UP

Catalog signs: ☐ part above may be used instead

Reference: 1051



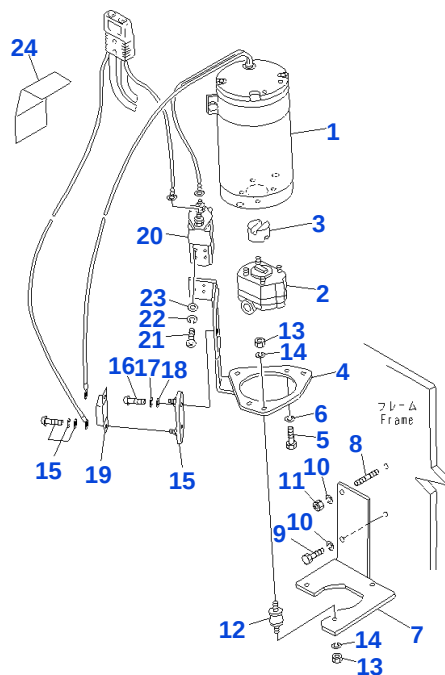
PJF6180

Reference: 1061

030060 PUMP MOTOR INSTALLATION PARTS

Item	Part No.	Part Name	Qty	Options
1	3BA-18-31111	MOTOR ASSEMBLY, PUMP	1	SN: 10001-UP
2	3RA-18-12440	CUSHION	3	SN: 10001-UP
3	01580-10806	NAT	6	SN: 10001-UP
4	01602-20825	WASHER, SPRING	6	SN: 10001-UP
5	01640-20816	WASHER	6	SN: 10001-UP
6	37R-1KF-8033	PUMP ASSEMBLY, (FOR FB10M-18M)	1	SN: 12806-UP
	37R-1KF-6050	PUMP ASSEMBLY, (FOR FB10M-18M)	1	SN: 11643-12805
	3RA-60-19100	PUMP ASSEMBLY, (FOR FB10M-18M)	1	SN: 10001-11642
	37R-1KF-8043	PUMP ASSEMBLY, (FOR FB20M)	1	SN: 12806-UP
	37A-1DL-4060	PUMP ASSEMBLY, (FOR FB20M)	1	SN: 11861-12805
	37R-1KF-6060	PUMP ASSEMBLY, (FOR FB20M)	1	SN: 10001-11860
7	37A-101-3010	BOLT	2	SN: 10001-UP
8	01643-31032	WASHER	2	SN: 10001-UP
9	01010-50812	BOLT	1	SN: 10001-UP
10	01602-20825	WASHER, SPRING	1	SN: 10001-UP

Reference: 1061



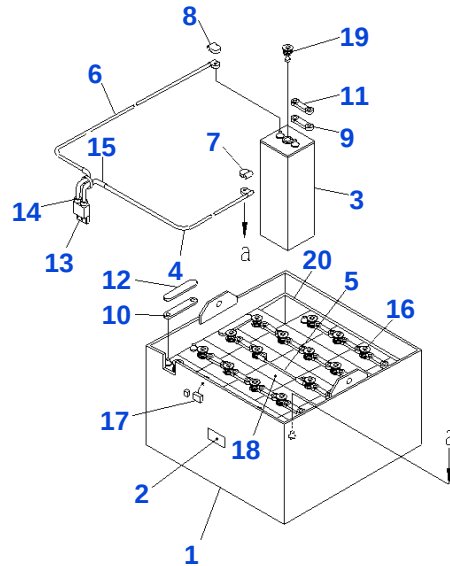
PWF4310

Reference: 1071

030070 POWER STEERING MOTOR INSTALLATION PARTS

Item	Part No.	Part Name	Qty	Options
1	3BB-19-24411	MOTOR ASSEMBLY, STEERING	1	SN: 10001-UP
2	3BA-60-15110	PUMP ASSEMBLY, STEERING	1	SN: 10001-UP
3	3BA-19-14311	COUPLING	1	SN: 10001-UP
4	3BA-19-31550SA	BRACKET	1	SN: 10001-UP
	3BA-19-31550WA	BRACKET, (FOR COLD REGION)	1	SN: 10001-UP
5	01010-81020	BOLT	2	SN: 10001-UP
6	01602-21030	WASHER, SPRING	2	SN: 10001-UP
7	3BA-19-31561SA	BRACKET	1	SN: 10001-UP
	3BA-19-31561WA	BRACKET, (FOR COLD REGION)	1	SN: 10001-UP
8	01124-50820	STUD	1	SN: 10001-UP
9	01010-80820	BOLT	1	SN: 10001-UP
10	01602-20825	WASHER, SPRING	2	SN: 10001-UP
11	01580-10806	NAT	1	SN: 10001-UP
12	525-04-11240	CUSHION	3	SN: 10001-UP
13	01580-10806	NAT	6	SN: 10001-UP
14	01602-20825	WASHER, SPRING	6	SN: 10001-UP
15	3BA-55-13350	BLOCK	1	SN: 10001-UP
16	01220-40516	SCREW	2	SN: 10001-UP
17	01601-20513	WASHER, SPRING	2	SN: 10001-UP
18	01641-20508	WASHER	2	SN: 10001-UP
19	3BA-19-31120	FUSE	1	SN: 10001-UP
20	3BA-19-31310	CONTACTOR	1	SN: 10001-UP
21	01220-40408	SCREW	4	SN: 10001-UP
22	01601-20410	WASHER, SPRING	4	SN: 10001-UP
23	01641-20405	WASHER	4	SN: 10001-UP
24	3BA-19-31570	COVER	1	SN: 10001-UP

Reference: 1071



PJF6188

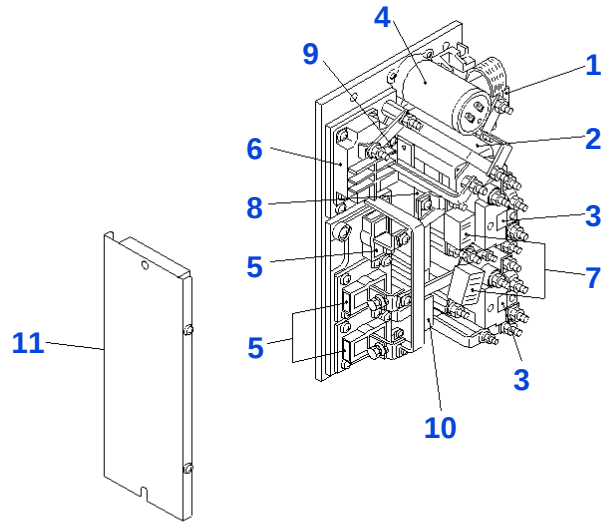
Reference: 1161

030080 BATTERY (HYDRAULIC 48V-390AH)

Item	Part No.	Part Name	Qty	Options
1	37A-2BF-7111	BATTERY ASSEMBLY	1	SN: 11688-UP
	37A-2BF-7110	□ BATTERY ASSEMBLY	1	SN: 10001-11687
	3BB-06-29912	• CASE	1	SN: 11688-UP
	3BB-06-29911	• □ CASE	1	SN: 10001-11687
2		• ☆ PLATE, NAME	1	SN: 10001-UP
3	FB12R5-FB390	• CELL	24	SN: 10001-UP
4	FBLW38-850R	• CABLE, (PLUS)	1	SN: 10001-UP
5	FBCW38-260WN	• CABLE	1	SN: 10001-UP
6	FBLW38-800L	• CABLE, (MINUS)	1	SN: 10001-UP
7	FB2802-CW38R	• COVER	2	SN: 10001-UP
8	FB2802-CW38L	• COVER	2	SN: 10001-UP
9	FB53-21072	• PLATE	18	SN: 10001-UP
10	FB53-21092	• PLATE	4	SN: 10001-UP
11	FB801-27072	• COVER	18	SN: 10001-UP
12	FB801-210UCE	• COVER	4	SN: 10001-UP
13	34A-07-12130	• PLUG	1	SN: 10001-UP
14	FB2828-WG38	• GROMMET	1	SN: 10001-UP
15	FB2826-16T120	• TUBE	2	SN: 10001-UP
16	FB247-VF5AS35	• CAP	1	SN: 10001-UP
17	FB247-VFLD	• SENSOR	1	SN: 10001-UP
18	FB212-V520513	• SPACER	1	SN: 10001-UP
19	FB241-VF5A35	• CAP	23	SN: 10001-UP
20	FB2804-S21706	• PLATE	-2	SN: 10001-UP

Catalog signs: □ part above may be used instead ☆ not supplied separately: assembly only

Reference: 1161



PWF4311

Reference: 1201

030090 DRIVE CONTROLLER (1/4)(#10001-12467)

Item	Part No.	Part Name	Qty	Options
	3BA-47-31310	CONTROLLER ASSEMBLY COMPONENT PARTS OF THIS ASSEMBLY ARE SHOWN FROM FIG.1201 TO FIG.1204.	1	SN: 10001-12467
1	7870-23-4620	• CONTACTOR ASSEMBLY, PUMP	1	SN: 10001-12467
2	7870-34-1130	• CONTACTOR ASSEMBLY, BYPASS	1	SN: 10001-12467
3	7870-34-1141	• CONTACTOR ASSEMBLY, F-R	2	SN: 10001-12467
4	7870-10-2030	• CONDENSER	1	SN: 10001-12467
5	7870-34-1150	• DIODE	3	SN: 10001-12467
6	7870-23-0211	• TRANSISTOR	1	SN: 10001-12467
7	7870-23-2650	• FUSE	2	SN: 10001-12467
8	7870-23-0610	• REGISTER	1	SN: 10001-12467
9	7870-23-0911	• SENSOR, THERMO	1	SN: 10001-12467
10	7870-23-0941	• SENSOR, CURRENT	1	SN: 10001-12467
11	7870-34-2100	• PRINTED CARD ASSEMBLY	1	SN: 10001-12467

Reference: 1201



030100 DRIVE CONTROLLER (1/4)(#12468-)

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