



Tcontroller

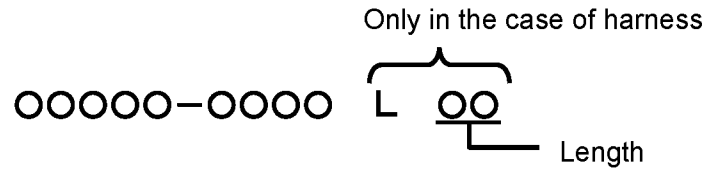
PARTS CATALOG

T52H-A071

INTRODUCTION

This catalog presents specific information on the parts and set-parts provided as spare parts for 'T52H-A071'.

1. EXPLANATION OF PART NUMBER



2. HOW TO ORDER PARTS

(1) When ordering parts, please specify the following.

Part Number

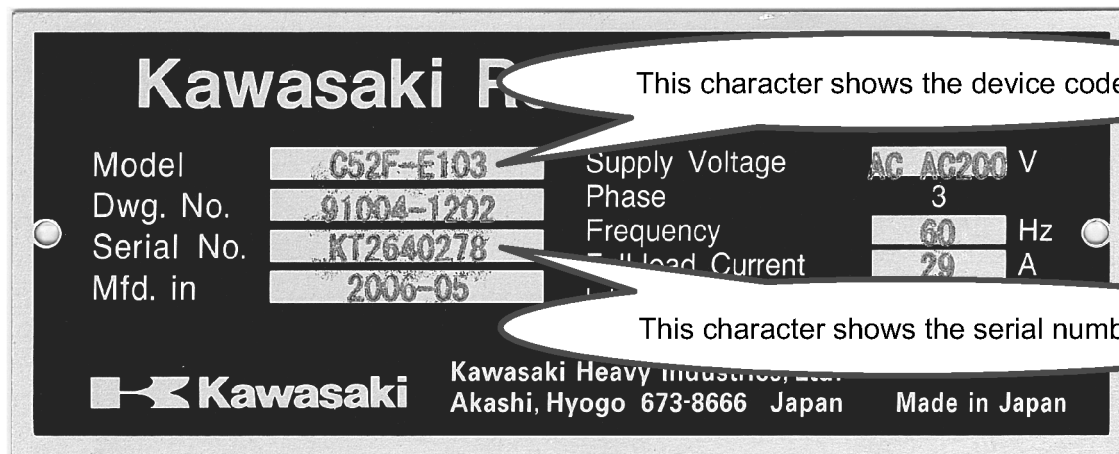
Part Name

Quantity

(2) When confirming some parts, please inform us of the serial number of the Robot.

The serial number of the Robot is described on the name plate.

Name Plate for Controller



This character shows the device code.

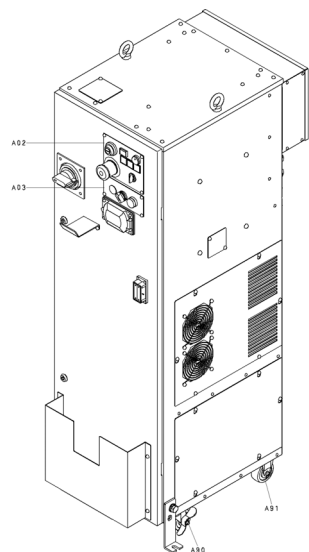
This character shows the serial number.

- (3) When ordering parts to be painted with specific color, please inform of the Munsell Color Code and submit sample of the color.
- (4) When ordering set-parts, please specify the following.
 - Set-part Number
 - Set-part Name
 - Quantity

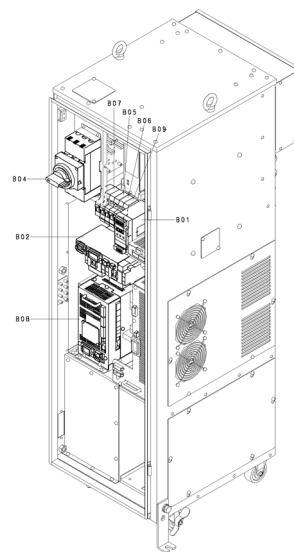
3. NOTE

- (1) Drawings are provided to assist in identification of parts. They are not intended to show the assembly procedure for the arm or controller.
- (2) Some printed circuit boards require installation of specific software or setting of dip swithes in advance.
When ordering printed circuit boards, please include, with your order, information on software version and/or dip switch settings where applicable.
(Additional charge might be required.)
- (3) KAWASAKI will continue to supply all parts listed in this catalogue for 10 years from date of robot delivery. However, KAWASAKI will not be liable to maintain the supply of any items which become unavailable due to the discontinued supply or manufacture by KAWASAKIs' sub-contractors.
- (4) Level in the Spare Parts List means the following.
 - A: The part to be stocked
 - B: The part to preferably be stocked
 - C: The part to be stocked if possible
 - M: The consumables

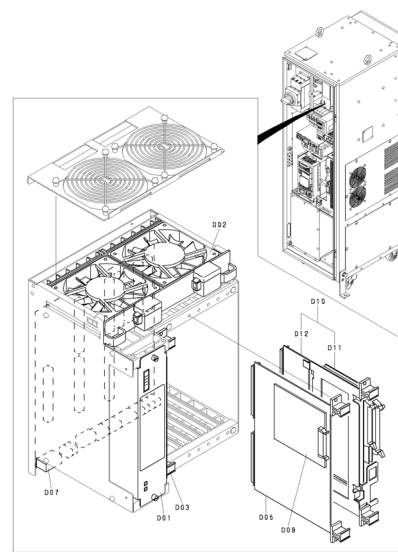
1.OUTSIDE OF CONTROLLER ASSY P.1



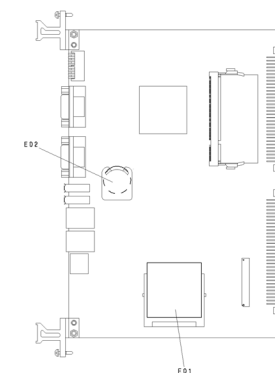
2.POWER SUPPLY ASSY P.2



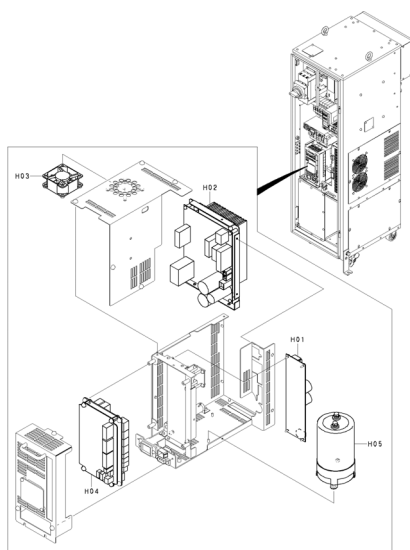
3.CARD RACK ASSY P.3



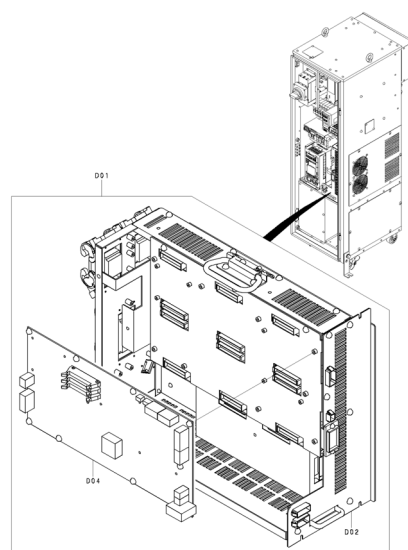
4.1VA BOARD ASSY P.4



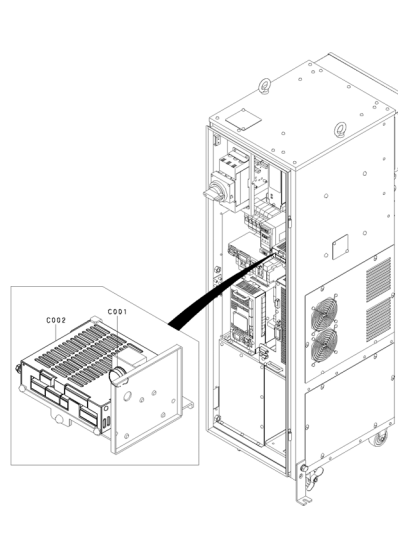
5.POWER UNIT P.5



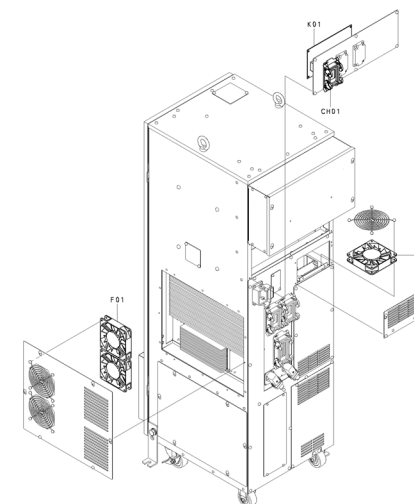
6.SERVO AMP ASSY P.6



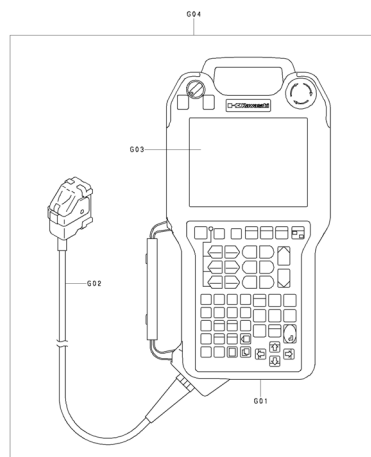
7.Cubic-S P.7



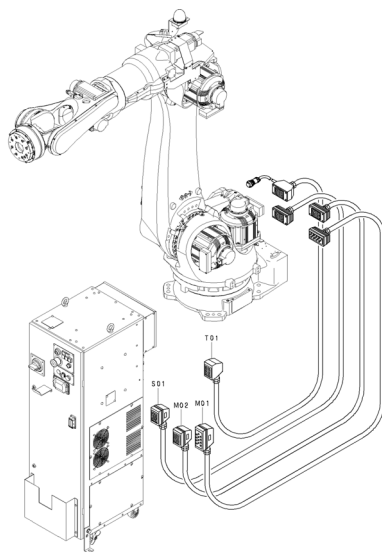
8.REARSIDE OF CONTROLLER ASSY P.8



9.LIGHTWEIGHT TEACH PENDANT ASSY P.9



10.HARNESS-UNIT-SEPARATE P.10



OPTIONAL PARTS LIST P.11

Kawasaki Robotics D30F-D001				OPTIONAL PARTS LIST					
No.	Part No.	Part Name	Specification	Remarks	No.	Part No.	Part Name	Specification	Remarks
1	4300-1000	ROBOTIC ARM	ROBOTIC ARM		41	5007-1000	ROBOTIC ARM	ROBOTIC ARM	
2	4300-1001	ROBOTIC ARM	ROBOTIC ARM		42	5007-1001	ROBOTIC ARM	ROBOTIC ARM	
3	4300-1002	ROBOTIC ARM	ROBOTIC ARM		43	5007-1002	ROBOTIC ARM	ROBOTIC ARM	
4	4300-1003	ROBOTIC ARM	ROBOTIC ARM		44	5007-1003	ROBOTIC ARM	ROBOTIC ARM	
5	4300-1004	ROBOTIC ARM	ROBOTIC ARM		45	5007-1004	ROBOTIC ARM	ROBOTIC ARM	
6	4300-1005	ROBOTIC ARM	ROBOTIC ARM		46	5007-1005	ROBOTIC ARM	ROBOTIC ARM	
7	4300-1006	ROBOTIC ARM	ROBOTIC ARM		47	5007-1006	ROBOTIC ARM	ROBOTIC ARM	
8	4300-1007	ROBOTIC ARM	ROBOTIC ARM		48	5007-1007	ROBOTIC ARM	ROBOTIC ARM	
9	4300-1008	ROBOTIC ARM	ROBOTIC ARM		49	5007-1008	ROBOTIC ARM	ROBOTIC ARM	
10	4300-1009	ROBOTIC ARM	ROBOTIC ARM		50	5007-1009	ROBOTIC ARM	ROBOTIC ARM	
11	4300-1010	ROBOTIC ARM	ROBOTIC ARM		51	5007-1010	ROBOTIC ARM	ROBOTIC ARM	
12	4300-1011	ROBOTIC ARM	ROBOTIC ARM		52	5007-1011	ROBOTIC ARM	ROBOTIC ARM	
13	4300-1012	ROBOTIC ARM	ROBOTIC ARM		53	5007-1012	ROBOTIC ARM	ROBOTIC ARM	
14	4300-1013	ROBOTIC ARM	ROBOTIC ARM		54	5007-1013	ROBOTIC ARM	ROBOTIC ARM	
15	4300-1014	ROBOTIC ARM	ROBOTIC ARM		55	5007-1014	ROBOTIC ARM	ROBOTIC ARM	
16	4300-1015	ROBOTIC ARM	ROBOTIC ARM		56	5007-1015	ROBOTIC ARM	ROBOTIC ARM	
17	4300-1016	ROBOTIC ARM	ROBOTIC ARM		57	5007-1016	ROBOTIC ARM	ROBOTIC ARM	
18	4300-1017	ROBOTIC ARM	ROBOTIC ARM		58	5007-1017	ROBOTIC ARM	ROBOTIC ARM	
19	4300-1018	ROBOTIC ARM	ROBOTIC ARM		59	5007-1018	ROBOTIC ARM	ROBOTIC ARM	
20	4300-1019	ROBOTIC ARM	ROBOTIC ARM		60	5007-1019	ROBOTIC ARM	ROBOTIC ARM	
21	4300-1020	ROBOTIC ARM	ROBOTIC ARM		61	5007-1020	ROBOTIC ARM	ROBOTIC ARM	
22	4300-1021	ROBOTIC ARM	ROBOTIC ARM		62	5007-1021	ROBOTIC ARM	ROBOTIC ARM	
23	4300-1022	ROBOTIC ARM	ROBOTIC ARM		63	5007-1022	ROBOTIC ARM	ROBOTIC ARM	
24	4300-1023	ROBOTIC ARM	ROBOTIC ARM		64	5007-1023	ROBOTIC ARM	ROBOTIC ARM	
25	4300-1024	ROBOTIC ARM	ROBOTIC ARM		65	5007-1024	ROBOTIC ARM	ROBOTIC ARM	
26	4300-1025	ROBOTIC ARM	ROBOTIC ARM		66	5007-1025	ROBOTIC ARM	ROBOTIC ARM	
27	4300-1026	ROBOTIC ARM	ROBOTIC ARM		67	5007-1026	ROBOTIC ARM	ROBOTIC ARM	
28	4300-1027	ROBOTIC ARM	ROBOTIC ARM		68	5007-1027	ROBOTIC ARM	ROBOTIC ARM	
29	4300-1028	ROBOTIC ARM	ROBOTIC ARM		69	5007-1028	ROBOTIC ARM	ROBOTIC ARM	
30	4300-1029	ROBOTIC ARM	ROBOTIC ARM		70	5007-1029	ROBOTIC ARM	ROBOTIC ARM	
31	4300-1030	ROBOTIC ARM	ROBOTIC ARM		71	5007-1030	ROBOTIC ARM	ROBOTIC ARM	
32	4300-1031	ROBOTIC ARM	ROBOTIC ARM		72	5007-1031	ROBOTIC ARM	ROBOTIC ARM	
33	4300-1032	ROBOTIC ARM	ROBOTIC ARM		73	5007-1032	ROBOTIC ARM	ROBOTIC ARM	
34	4300-1033	ROBOTIC ARM	ROBOTIC ARM		74	5007-1033	ROBOTIC ARM	ROBOTIC ARM	
35	4300-1034	ROBOTIC ARM	ROBOTIC ARM		75	5007-1034	ROBOTIC ARM	ROBOTIC ARM	
36	4300-1035	ROBOTIC ARM	ROBOTIC ARM		76	5007-1035	ROBOTIC ARM	ROBOTIC ARM	
37	4300-1036	ROBOTIC ARM	ROBOTIC ARM		77	5007-1036	ROBOTIC ARM	ROBOTIC ARM	
38	4300-1037	ROBOTIC ARM	ROBOTIC ARM		78	5007-1037	ROBOTIC ARM	ROBOTIC ARM	
39	4300-1038	ROBOTIC ARM	ROBOTIC ARM		79	5007-1038	ROBOTIC ARM	ROBOTIC ARM	
40	4300-1039	ROBOTIC ARM	ROBOTIC ARM		80	5007-1039	ROBOTIC ARM	ROBOTIC ARM	

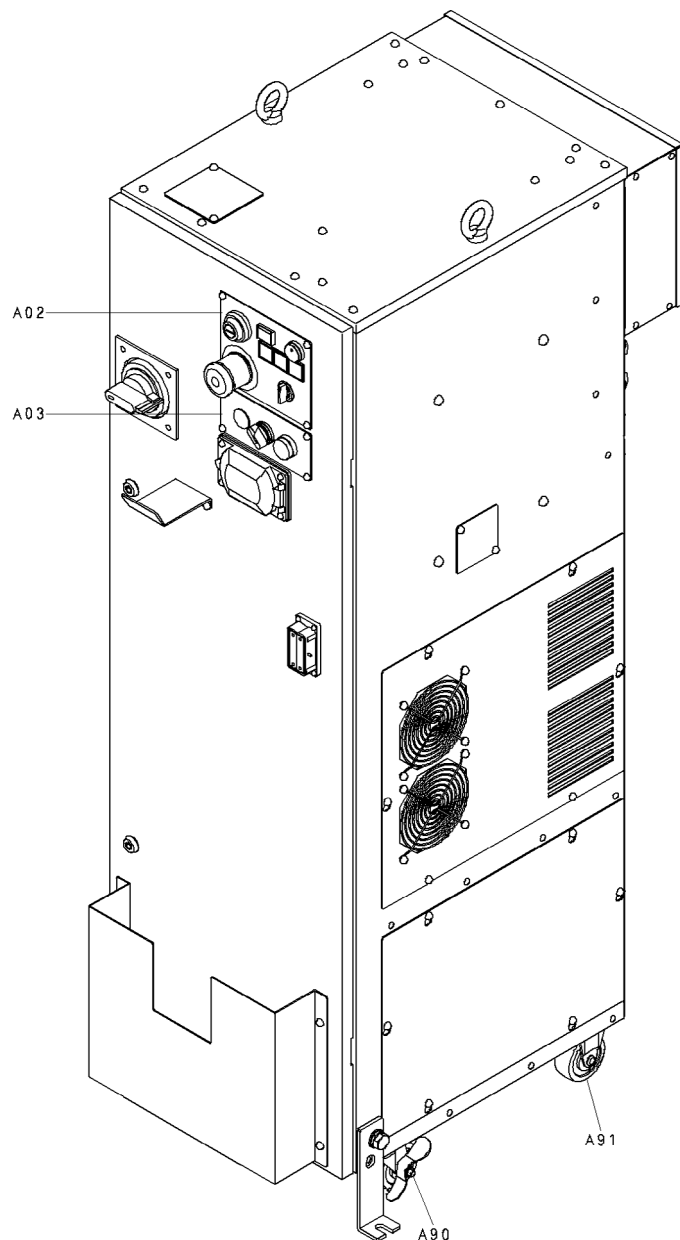
RECOMMENDED SPARE PARTS LIST P.12

Kawasaki Robotics D30F-D001			RECOMMENDED SPARE PARTS LIST		
Lot	Part No.	Part Name	Specification	Recommended Qty (per Robot)	Remarks
1	4300-1000	ELECTRONIC PARTS-SET	ADDITIONAL 8 RESISTOR (20KOHMS)	1	1
	4300-1001	WIRE-ASSY-1001	1001 WIRE	1	1
	4300-1002	WIRE-ASSY-ASSY 101	101 WIRE ASSY 101	1	1
	4300-1003	WIRE-ASSY-ASSY 102	102 WIRE ASSY 102	1	1
	4300-1004	WIRE-ASSY-ASSY 103	103 WIRE ASSY 103	1	1
	4300-1005	POWER-UPPC-ASSY-CON	512-1202V 1201 USA	1	1
	4300-1006	WIRE-ASSY-ASSY-CON SERVO	512-1202V 1201 USA	1	1
	4300-1007	CONVERTOR-ASSY-CON	TP SERVO CONNCTOR ON LAMP	1	1
	4300-1008	WIRE-ASSY-ASSY-CON	TPFUG 1201 CON	1	1
	4300-1009	WIRE-ASSY-ASSY-CON	TPFUG 1201 CON	1	1
2	4301-1010	WIRE-ASSY-1010	TPFUG 1201 CON	1	1
	4301-1011	WIRE-ASSY-1011	TPFUG 1201 CON	1	1
	4301-1012	WIRE-ASSY-1012	TPFUG 1201 CON	1	1
	4301-1013	WIRE-ASSY-1013	TPFUG 1201 CON	1	1
	4301-1014	WIRE-ASSY-1014	TPFUG 1201 CON	1	1
	4301-1015	WIRE-ASSY-1015	TPFUG 1201 CON	1	1
	4301-1016	WIRE-ASSY-1016	TPFUG 1201 CON	1	1
	4301-1017	WIRE-ASSY-1017	TPFUG 1201 CON	1	1
	4301-1018	WIRE-ASSY-1018	TPFUG 1201 CON	1	1
	4301-1019	WIRE-ASSY-1019	TPFUG 1201 CON	1	1
3	4302-1020	WIRE-ASSY-1020	TPFUG 1201 CON	1	1
	4302-1021	WIRE-ASSY-1021	TPFUG 1201 CON	1	1
	4302-1022	WIRE-ASSY-1022	TPFUG 1201 CON	1	1
	4302-1023	WIRE-ASSY-1023	TPFUG 1201 CON	1	1
	4302-1024	WIRE-ASSY-1024	TPFUG 1201 CON	1	1
	4302-1025	WIRE-ASSY-1025	TPFUG 1201 CON	1	1
	4302-1026	WIRE-ASSY-1026	TPFUG 1201 CON	1	1
	4302-1027	WIRE-ASSY-1027	TPFUG 1201 CON	1	1
	4302-1028	WIRE-ASSY-1028	TPFUG 1201 CON	1	1
	4302-1029	WIRE-ASSY-1029	TPFUG 1201 CON	1	1
4	4303-1030	WIRE-ASSY-1030	TPFUG 1201 CON	1	1
	4303-1031	WIRE-ASSY-1031	TPFUG 1201 CON	1	1
	4303-1032	WIRE-ASSY-1032	TPFUG 1201 CON	1	1
	4303-1033	WIRE-ASSY-1033	TPFUG 1201 CON	1	1
	4303-1034	WIRE-ASSY-1034	TPFUG 1201 CON	1	1
	4303-1035	WIRE-ASSY-1035	TPFUG 1201 CON	1	1
	4303-1036	WIRE-ASSY-1036	TPFUG 1201 CON	1	1
	4303-1037	WIRE-ASSY-1037	TPFUG 1201 CON	1	1
	4303-1038	WIRE-ASSY-1038	TPFUG 1201 CON	1	1
	4303-1039	WIRE-ASSY-1039	TPFUG 1201 CON	1	1
5	4304-1040	WIRE-ASSY-1040	TPFUG 1201 CON	1	1
	4304-1041	WIRE-ASSY-1041	TPFUG 1201 CON	1	1
	4304-1042	WIRE-ASSY-1042	TPFUG 1201 CON	1	1
	4304-1043	WIRE-ASSY-1043	TPFUG 1201 CON	1	1
	4304-1044	WIRE-ASSY-1044	TPFUG 1201 CON	1	1
	4304-1045	WIRE-ASSY-1045	TPFUG 1201 CON	1	1
	4304-1046	WIRE-ASSY-1046	TPFUG 1201 CON	1	1
	4304-1047	WIRE-ASSY-1047	TPFUG 1201 CON	1	1
	4304-1048	WIRE-ASSY-1048	TPFUG 1201 CON	1	1
	4304-1049	WIRE-ASSY-1049	TPFUG 1201 CON	1	1
6	4305-1050	WIRE-ASSY-1050	TPFUG 1201 CON	1	1
	4305-1051	WIRE-ASSY-1051	TPFUG 1201 CON	1	1
	4305-1052	WIRE-ASSY-1052	TPFUG 1201 CON	1	1
	4305-1053	WIRE-ASSY-1053	TPFUG 1201 CON	1	1
	4305-1054	WIRE-ASSY-1054	TPFUG 1201 CON	1	1
	4305-1055	WIRE-ASSY-1055	TPFUG 1201 CON	1	1
	4305-1056	WIRE-ASSY-1056	TPFUG 1201 CON	1	1
	4305-1057	WIRE-ASSY-1057	TPFUG 1201 CON	1	1
	4305-1058	WIRE-ASSY-1058	TPFUG 1201 CON	1	1
	4305-1059	WIRE-ASSY-1059	TPFUG 1201 CON	1	1
7	4306-1060	WIRE-ASSY-1060	TPFUG 1201 CON	1	1
	4306-1061	WIRE-ASSY-1061	TPFUG 1201 CON	1	1
	4306-1062	WIRE-ASSY-1062	TPFUG 1201 CON	1	1
	4306-1063	WIRE-ASSY-1063	TPFUG 1201 CON	1	1
	4306-1064	WIRE-ASSY-1064	TPFUG 1201 CON	1	1
	4306-1065	WIRE-ASSY-1065	TPFUG 1201 CON	1	1
	4306-1066	WIRE-ASSY-1066	TPFUG 1201 CON	1	1
	4306-1067	WIRE-ASSY-1067	TPFUG 1201 CON	1	1
	4306-1068	WIRE-ASSY-1068	TPFUG 1201 CON	1	1
	4306-1069	WIRE-ASSY-1069	TPFUG 1201 CON	1	1
8	4307-1070	WIRE-ASSY-1070	TPFUG 1201 CON	1	1
	4307-1071	WIRE-ASSY-1071	TPFUG 1201 CON	1	1
	4307-1072	WIRE-ASSY-1072	TPFUG 1201 CON	1	1
	4307-1073	WIRE-ASSY-1073	TPFUG 1201 CON	1	1
	4307-1074	WIRE-ASSY-1074	TPFUG 1201 CON	1	1
	4307-1075	WIRE-ASSY-1075	TPFUG 1201 CON	1	1
	4307-1076	WIRE-ASSY-1076	TPFUG 1201 CON	1	1
	4307-1077	WIRE-ASSY-1077	TPFUG 1201 CON	1	1
	4307-1078	WIRE-ASSY-1078	TPFUG 1201 CON	1	1
	4307-1079	WIRE-ASSY-1079	TPFUG 1201 CON	1	1
9	4308-1080	WIRE-ASSY-1080	TPFUG 1201 CON	1	1
	4308-1081	WIRE-ASSY-1081	TPFUG 1201 CON	1	1
	4308-1082	WIRE-ASSY-1082	TPFUG 1201 CON	1	1
	4308-1083	WIRE-ASSY-1083	TPFUG 1201 CON	1	1
	4308-1084	WIRE-ASSY-1084	TPFUG 1201 CON	1	1
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	4308-1087	WIRE-ASSY-1087	TPFUG 1201 CON	1	1
	4308-1088	WIRE-ASSY-1088	TPFUG 1201 CON	1	1
	4308-1089	WIRE-ASSY-1089	TPFUG 1201 CON	1	1
10	4309-1090	WIRE-ASSY-1090	TPFUG 1201 CON	1	1
	4309-1091	WIRE-ASSY-1091	TPFUG 1201 CON	1	1
	4309-1092	WIRE-ASSY-1092	TPFUG 1201 CON	1	1
	4309-1093	WIRE-ASSY-1093	TPFUG 1201 CON	1	1
	4309-1094	WIRE-ASSY-1094	TPFUG 1201 CON	1	1
	4309-1095	WIRE-ASSY-1095	TPFUG 1201 CON	1	1
	4309-1096	WIRE-ASSY-1096	TPFUG 1201 CON	1	1
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	4309-1098	WIRE-ASSY-1098	TPFUG 1201 CON	1	1
	4309-1099	WIRE-ASSY-1099	TPFUG 1201 CON	1	1
11	4310-1100	WIRE-ASSY-1100	TPFUG 1201 CON	1	1
	4310-1101	WIRE-ASSY-1101	TPFUG 1201 CON	1	1
	4310-1102	WIRE-ASSY-1102	TPFUG 1201 CON	1	1
	4310-1103	WIRE-ASSY-1103	TPFUG 1201 CON	1	1
	4310-1104	WIRE-ASSY-1104	TPFUG 1201 CON	1	1
	4310-1105	WIRE-ASSY-1105	TPFUG 1201 CON	1	1
	4310-1106	WIRE-ASSY-1106	TPFUG 1201 CON	1	1
	4310-1107	WIRE-ASSY-1107	TPFUG 1201 CON	1	1
	4310-1108	WIRE-ASSY-1108	TPFUG 1201 CON	1	1
	4310-1109	WIRE-ASSY-1109	TPFUG 1201 CON	1	1
12	4311-1110	WIRE-ASSY-1110	TPFUG 1201 CON	1	1
	4311-1111	WIRE-ASSY-1111	TPFUG 1201 CON	1	1
	4311-1112	WIRE-ASSY-1112	TPFUG 1201 CON	1	1
	4311-1113	WIRE-ASSY-1113	TPFUG 1201 CON	1	1
	4311-1114	WIRE-ASSY-1114	TPFUG 1201 CON	1	1
	4311-1115	WIRE-ASSY-1115	TPFUG 1201 CON	1	1
	4311-1116	WIRE-ASSY-1116	TPFUG 1201 CON	1	1
	4311-1117	WIRE-ASSY-1117	TPFUG 1201 CON	1	1
	4311-1118	WIRE-ASSY-1118	TPFUG 1201 CON	1	1
	4311-1119	WIRE-ASSY-1119	TPFUG 1201 CON	1	1
13	4312-1120	WIRE-ASSY-1120	TPFUG 1201 CON	1	1
	4312-1121	WIRE-ASSY-1121	TPFUG 1201 CON	1	1
	4312-1122	WIRE-ASSY-1122	TPFUG 1201 CON	1	1
	4312-1123	WIRE-ASSY-1123	TPFUG 1201 CON	1	1
	4312-1124	WIRE-ASSY-1124	TPFUG 1201 CON	1	1
	4312-1125	WIRE-ASSY-1125	TPFUG 1201 CON	1	1
	4312-1126	WIRE-ASSY-1126	TPFUG 1201 CON	1	1
	4312-1127	WIRE-ASSY-1127	TPFUG 1201 CON	1	1
	4312-1128	WIRE-ASSY-1128	TPFUG 1201 CON	1	1
	4312-1129	WIRE-ASSY-1129	TPFUG 1201 CON	1	1
14	4313-1130	WIRE-ASSY-1130	TPFUG 1201 CON	1	1
	4313-1131	WIRE-ASSY-1131	TPFUG 1201 CON	1	1
	4313-1132	WIRE-ASSY-1132	TPFUG 1201 CON	1	1
	4313-1133	WIRE-ASSY-1133	TPFUG 1201 CON	1	1
	4313-1134	WIRE-ASSY-1134	TPFUG 1201 CON	1	1
	4313-1135	WIRE-ASSY-1135	TPFUG 1201 CON	1	1
	4313-1136	WIRE-ASSY-1136	TPFUG 1201 CON	1	1
	4313-1137	WIRE-ASSY-1137	TPFUG 1201 CON	1	1
	4313-1138	WIRE-ASSY-1138	TPFUG 1201 CON	1	1
	4313-1139	WIRE-ASSY-1139	TPFUG 1201 CON	1	1
15	4314-1140	WIRE-ASSY-1140	TPFUG 1201 CON	1	1
	4314-1141	WIRE-ASSY-1141	TPFUG 1201 CON	1	1
	4314-1142	WIRE-ASSY-1142	TPFUG 1201 CON	1	1
	4314-1143	WIRE-ASSY-1143	TPFUG 1201 CON	1	1
	4314-1144	WIRE-ASSY-1144	TPFUG 1201 CON	1	1
	4314-1145	WIRE-ASSY-1145	TPFUG 1201 CON	1	1
	4314-1146	WIRE-ASSY-1146	TPFUG 1201 CON	1	1
	4314-1147	WIRE-ASSY-1147	TPFUG 1201 CON	1	1
	4314-1148	WIRE-ASSY-1148	TPFUG 1201 CON	1	1
	4314-1149	WIRE-ASSY-1149	TPFUG 1201 CON	1	1
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	4315-1151	WIRE-ASSY-1151	TPFUG 1201 CON	1	1
	4315-1152	WIRE-ASSY-1152	TPFUG 1201 CON	1	1
	4315-1153	WIRE-ASSY-1153	TPFUG 1201 CON	1	1
	4315-1154	WIRE-ASSY-1154	TPFUG 1201 CON	1	1
	4315-1155	WIRE-ASSY-1155	TPFUG 1201 CON	1	1
	4315-1156	WIRE-ASSY-1156	TPFUG 1201 CON	1	1
	4315-1157	WIRE-ASSY-1157	TPFUG 1201 CON	1	1
	4315-1158	WIRE-ASSY-1158	TPFUG 1201 CON	1	1
	4315-1159	WIRE-ASSY-1159	TPFUG 1201 CON	1	1
17	4316-1160	WIRE-ASSY-1160	TPFUG 1201 CON	1	1
	4316-1161	WIRE-ASSY-1161	TPFUG 1201 CON	1	1
	4316-1162	WIRE-ASSY-1162	TPFUG 1201 CON	1	1
	4316-1163	WIRE-ASSY-1163	TPFUG 1201 CON	1	1
	4316-1164	WIRE-ASSY-1164	TPFUG 1201 CON	1	1
	4316-1165	WIRE-ASSY-1165	TPFUG 1201 CON	1	1
	4316-1166	WIRE-ASSY-1166	TPFUG 1201 CON	1	1
	4316-1167	WIRE-ASSY-1167	TPFUG 1201 CON	1	1
	4316-1168	WIRE-ASSY-1168	TPFUG 1201 CON	1	1
	4316-1169	WIRE-ASSY-1169	TPFUG 1201 CON	1	1
18	4317-1170	WIRE-ASSY-1170	TPFUG 1201 CON	1	1
	4317-1171	WIRE-ASSY-1171	TPFUG 1201 CON	1	1
	4317-1172	WIRE-ASSY-1172	TPFUG 1201 CON	1	1
	4317-1173	WIRE-ASSY-1173	TPFUG 1201 CON	1	1
	4317-1174	WIRE-ASSY-1174	TPFUG 1201 CON	1	1
	4317-1175	WIRE-ASSY-1175	TPFUG 1201 CON	1	1
	4317-1176	WIRE-ASSY-1176	TPFUG 1201 CON	1	1
	4317-1177	WIRE-ASSY-1177	TPFUG 1201 CON	1	1
	4317-1178	WIRE-ASSY-1178	TPFUG 1201 CON	1	1
	4317-1179	WIRE-ASSY-1179	TPFUG 1201 CON	1	1
19	4318-1180	WIRE-ASSY-1180	TPFUG 1201 CON	1	1
	4318-1181	WIRE-ASSY-1181	TPFUG 1201 CON	1	1
	4318-1182	WIRE-ASSY-1182	TPFUG 1201 CON	1	1
	4318-1183	WIRE-ASSY-1183	TPFUG 1201 CON	1	1
	4318-1184	WIRE-ASSY-1184	TPFUG 1201 CON	1	1
	4318-1185	WIRE-ASSY-1185	TPFUG 1201 CON	1	1
	4318-1186	WIRE-ASSY-1186	TPFUG 1201 CON	1	1
	4318-1187	WIRE-ASSY-1187	TPFUG 1201 CON	1	1
	4318-1188	WIRE-ASSY-1188	TPFUG 1201 CON	1	1
	4318-1189	WIRE-ASSY-1189	TPFUG 1201 CON	1	1
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	4319-1191	WIRE-ASSY-1191	TPFUG 1201 CON	1	1
	4319-1192	WIRE-ASSY-1192	TPFUG 1201 CON	1	1
	4319-1193	WIRE-ASSY-1193	TPFUG 1201 CON	1	1
	4319-1194	WIRE-ASSY-1194	TPFUG 1201 CON	1	1
	4319-1195	WIRE-ASSY-1195	TPFUG 1201 CON	1	1
	4319-1196	WIRE-ASSY-1196	TPFUG 1201 CON	1	1
	4319-1197	WIRE-ASSY-1197	TPFUG 1201 CON	1	1
	4319-1198	WIRE-ASSY-1198	TPFUG 1201 CON	1	1
	4319-1199	WIRE-ASSY-1199	TPFUG 1201 CON	1	1
21	4320-1200	WIRE-ASSY-1200	TPFUG 1201 CON	1	1
	4320-1201	WIRE-ASSY-1201	TPFUG 1201 CON	1	1
	4320-1202	WIRE-ASSY-1202	TPFUG 1201 CON	1	1
	4320-1203	WIRE-ASSY-1203	TPFUG 1201 CON	1	1
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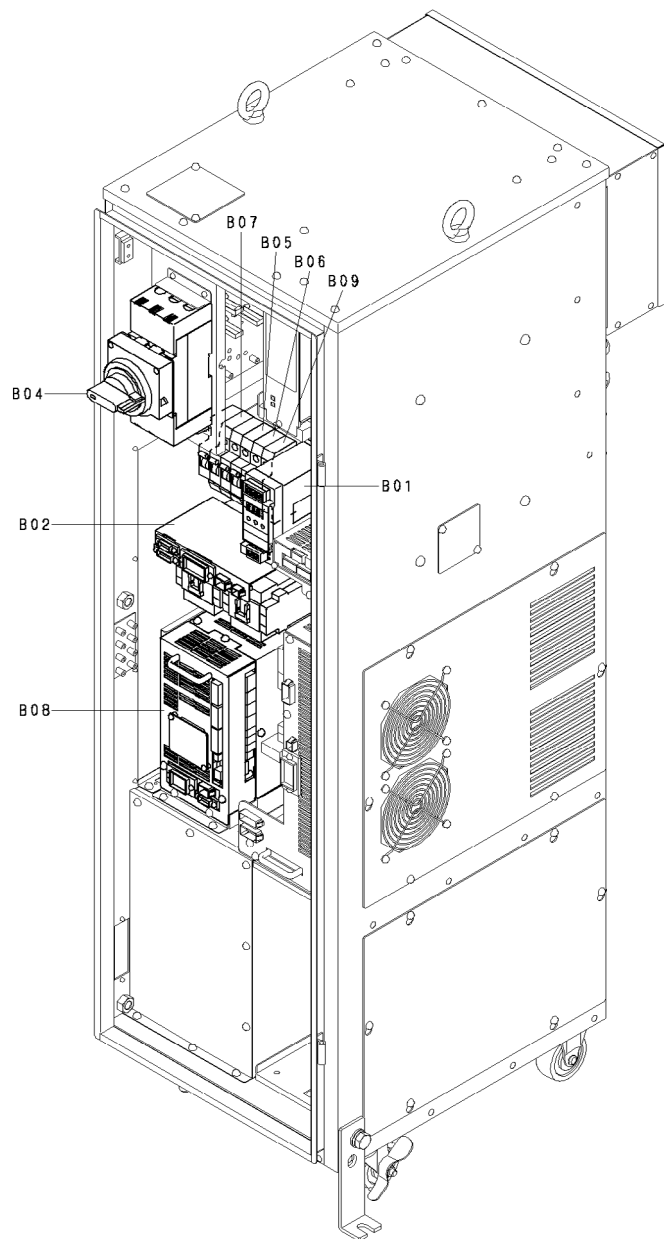
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4300-1040	10	5007-1040	11	5007-1040	11	5007-1040	11

1.OUTSIDE OF CONTROLLER ASSY



No	Part No.	Part Name	Qty	Specification	Remarks
A02	50819-0039	PANEL-ASSY-OPERATION	1	SW unit(English) for T Controller	-2017.10
	50819-0097	PANEL-ASSY-OPERATION	1	SW unit(English) ver.2 for T Controller	2017.10-
A03	50819-0040	PANEL-ASSY-OPERATION	1	SW unit(English,OPTION)	
A90	60384-1013	CASTER	2	WITH BRAKE	
A91	60384-1014	CASTER	2	WITHOUT BRAKE	

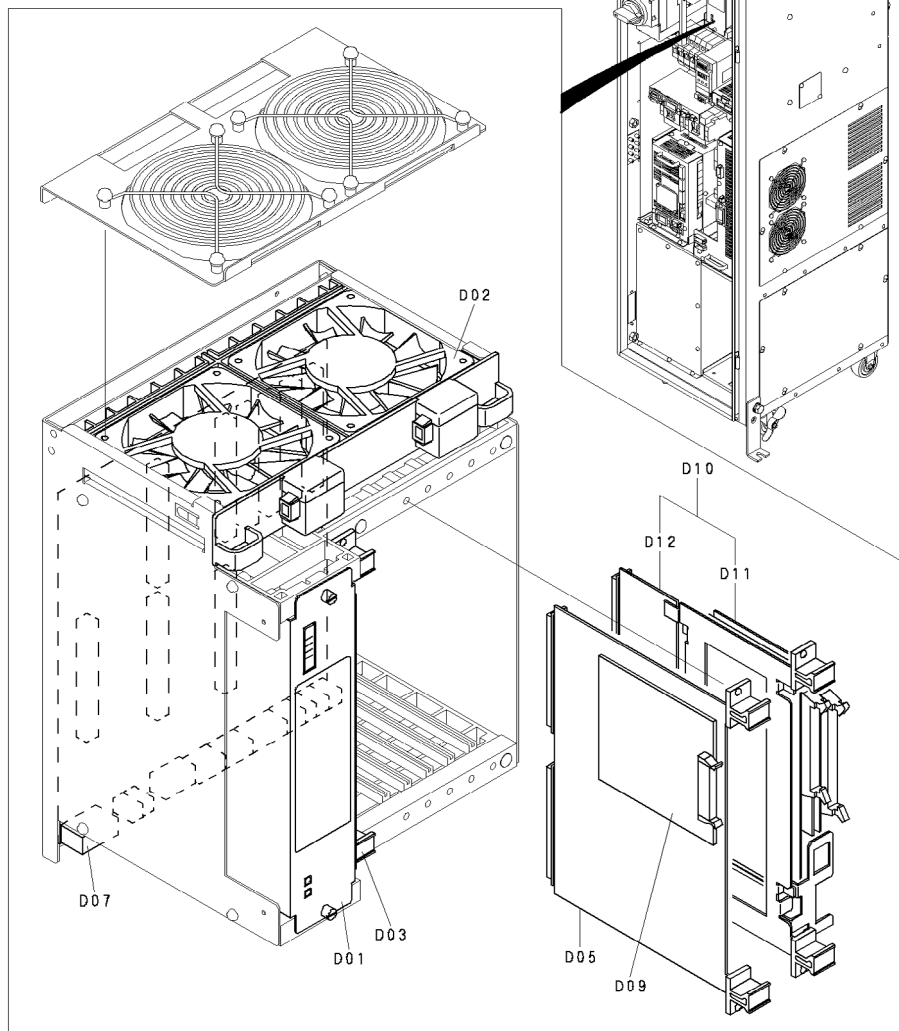
2.POWER SUPPLY ASSY



No	Part No.	Part Name	Qty	Specification	Remarks
B01	50630-1142	POWERSUPPLY-ASSY-DC	1	PNP TYPE	
B02	50632-0006	POWERSUPPLY-ASSY-SERVO	1	T5x MC UNIT(STD)	
B04	60569-0028	BREAKER	1	20AT/50AF CE	
B05	60570-0005	FUSE	1	CIRCUIT PROTECTOR(20A)	
B06	60570-1226	FUSE	1	CIRCUIT PROTECTOR(10A)	2013.10-
B07	60570-1266	FUSE	1	CIRCUIT PROTECTOR(3P/25A)	
B08	50632-0007	POWERSUPPLY-ASSY-SERVO	1	T52 CONTROLLER POWER UNIT	
B09	60570-1257	FUSE	1	CIRCUIT PROTECTOR(2A)	2014.06-

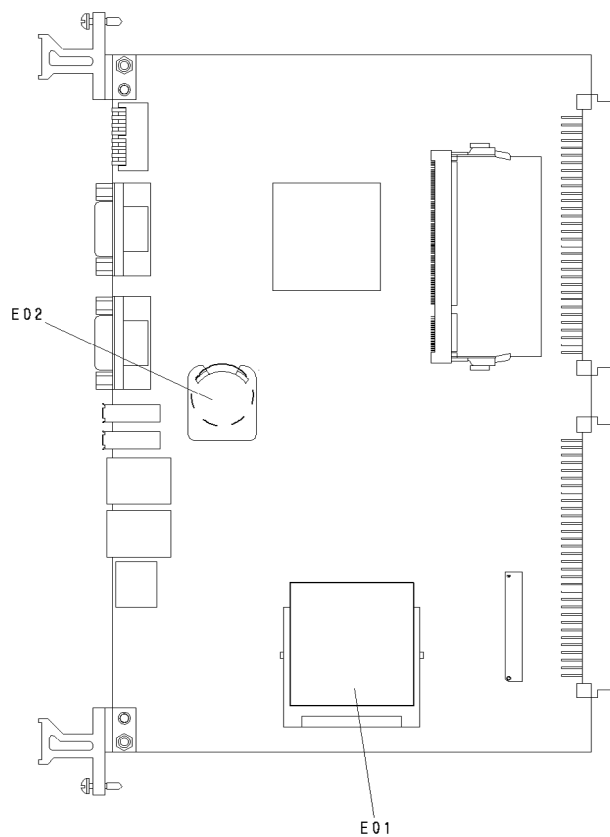
3.CARD RACK ASSY

No	Part No.	Part Name	Qty	Specification	Remarks
D01	50630-1162	POWERSUPPLY-ASSY-DC	1		
D02	50977-4077	HARNESS-ASSY-CONTROLLER	1	T52 CONTROLLER FAN ASSY(FAN=2)	2014.08-
D03	50999-0137	PRINTED CIRCUITBOARD-ASSY	1	1VA b'd ASSY	
D05	50999-0159	PRINTED CIRCUITBOARD-ASSY	1	1VP b'd ASSY	
D07	50999-2932	PRINTED CIRCUITBOARD-ASSY	1	1TX b'd ASSY	
D09	50999-3001	PRINTED CIRCUITBOARD-ASSY	1	1TH b'd(TYPE1) ASSY(AD)	
D10	50999-0213	PRINTED CIRCUITBOARD-ASSY	1	PC10P-DP-I/O & 1VT b'd Set	
D11	50999-0193	PRINTED CIRCUITBOARD-ASSY	1	TOYOPUC PC10P-DP-I/O	
D12	50999-0214	PRINTED CIRCUITBOARD-ASSY	1	1VT b'd & BRACKET Set	

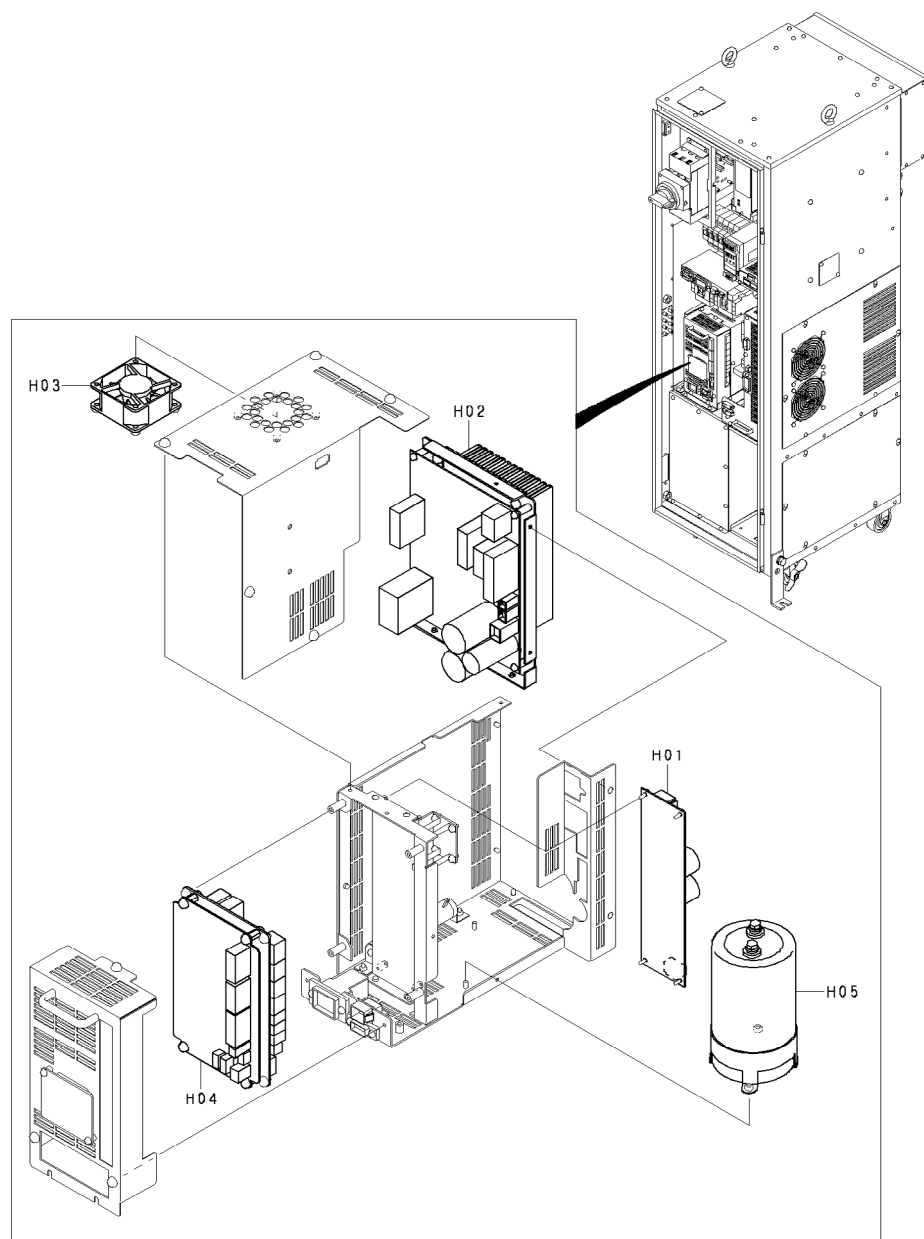


4.1VA BOARD ASSY

No	Part No.	Part Name	Qty	Specification	Remarks
E01	60851-0003	STORAGE MEDIUM	1	Compact Flash Card 512MB(OS installed)	
E02	60750-1016	BATTERY	1		



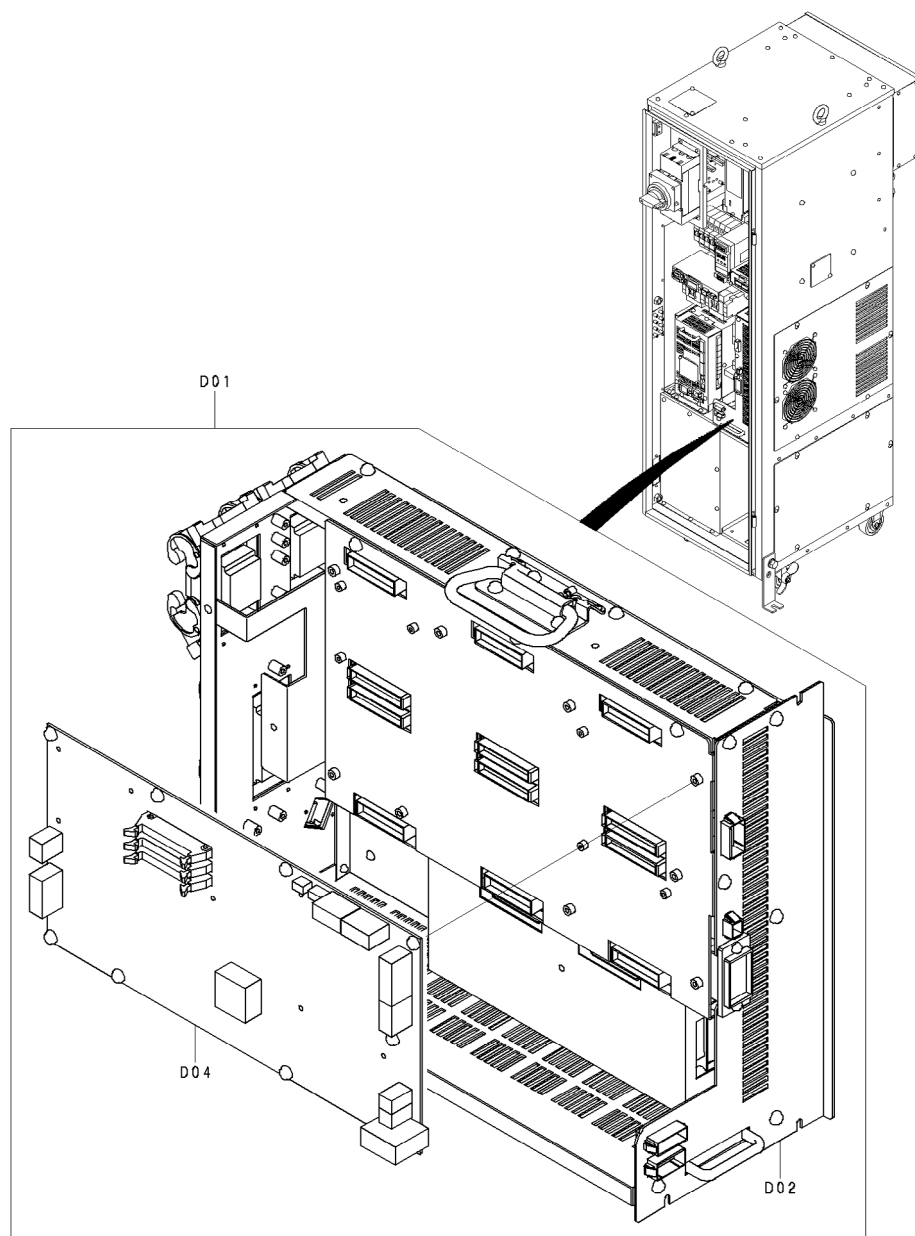
5.POWER UNIT



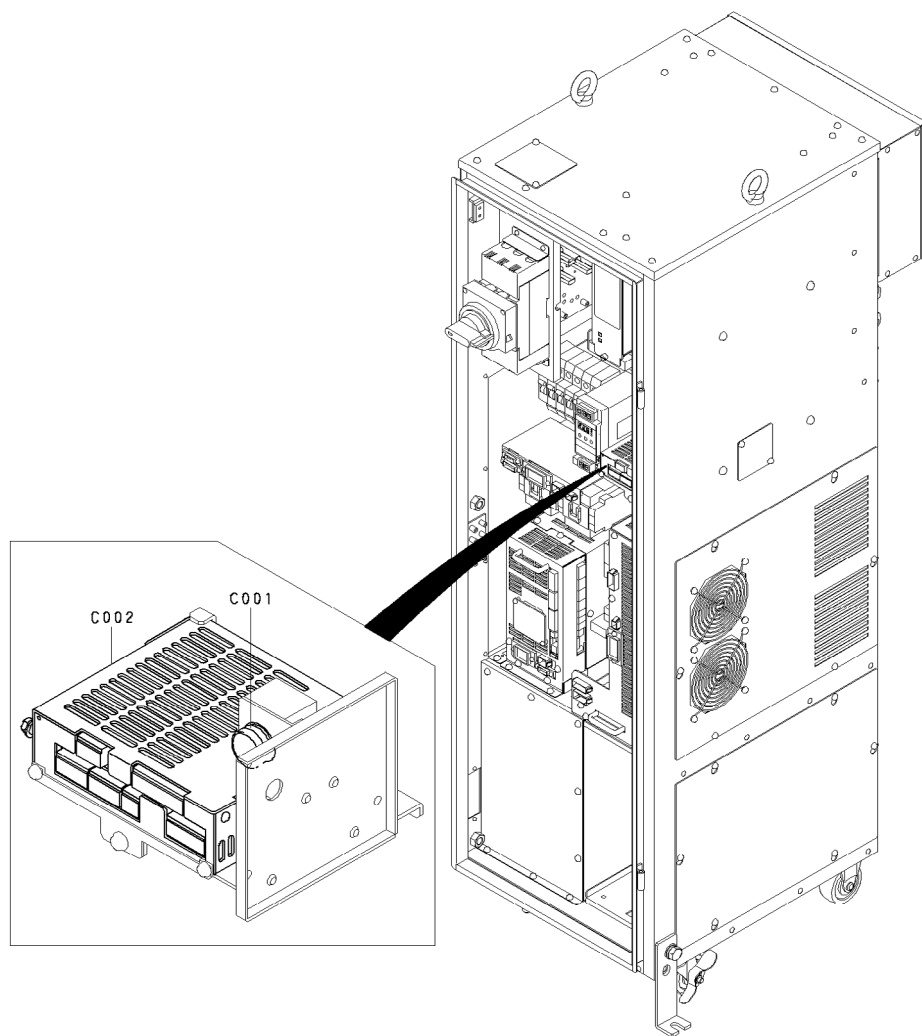
No	Part No.	Part Name	Qty	Specification	Remarks
H01	50630-0004	POWERSUPPLY-ASSY-DC	1	AVR	-2013.06
	50630-0025	POWERSUPPLY-ASSY-DC	1	AVR	2013.06-
H02	50632-0008	POWERSUPPLY-ASSY-SERVO	1	T52 POWER UNIT 1TU BOARD SET(prohibited)	-2013.05
	50632-0016	POWERSUPPLY-ASSY-SERVO	1	T52 POWER UNIT 1TU BOARD SET	2013.05-
H03	50973-2898	HARNESS-ASSY-CONTROLLER	1	FAN HARNESS(60X25H,DC24V)	
H04	50999-0009	PRINTED CIRCUITBOARD-ASSY	1	1TQ & 1TV b'd Set ASSY(Standard) EU,NA	-2014.10
	50999-0398	PRINTED CIRCUITBOARD-ASSY	1	1TQ & 1TV b'd Set ASSY(Standard) EU,NA	2014.10-
H05	60541-2218	CAPACITOR-AL ELECTROLYTIC	1	SPECIAL	-2012.10
	60541-0025	CAPACITOR-AL ELECTROLYTIC	1	4700uF 400V 105°C 5000h 76.2x130L 2LEGS	2012.10-2018.04
	60541-0091	CAPACITOR-AL ELECTROLYTIC	1	4700uF 400V 105°C 5000h 76.2x130L 2LEGS	2018.04-

6.SERVO AMP ASSY

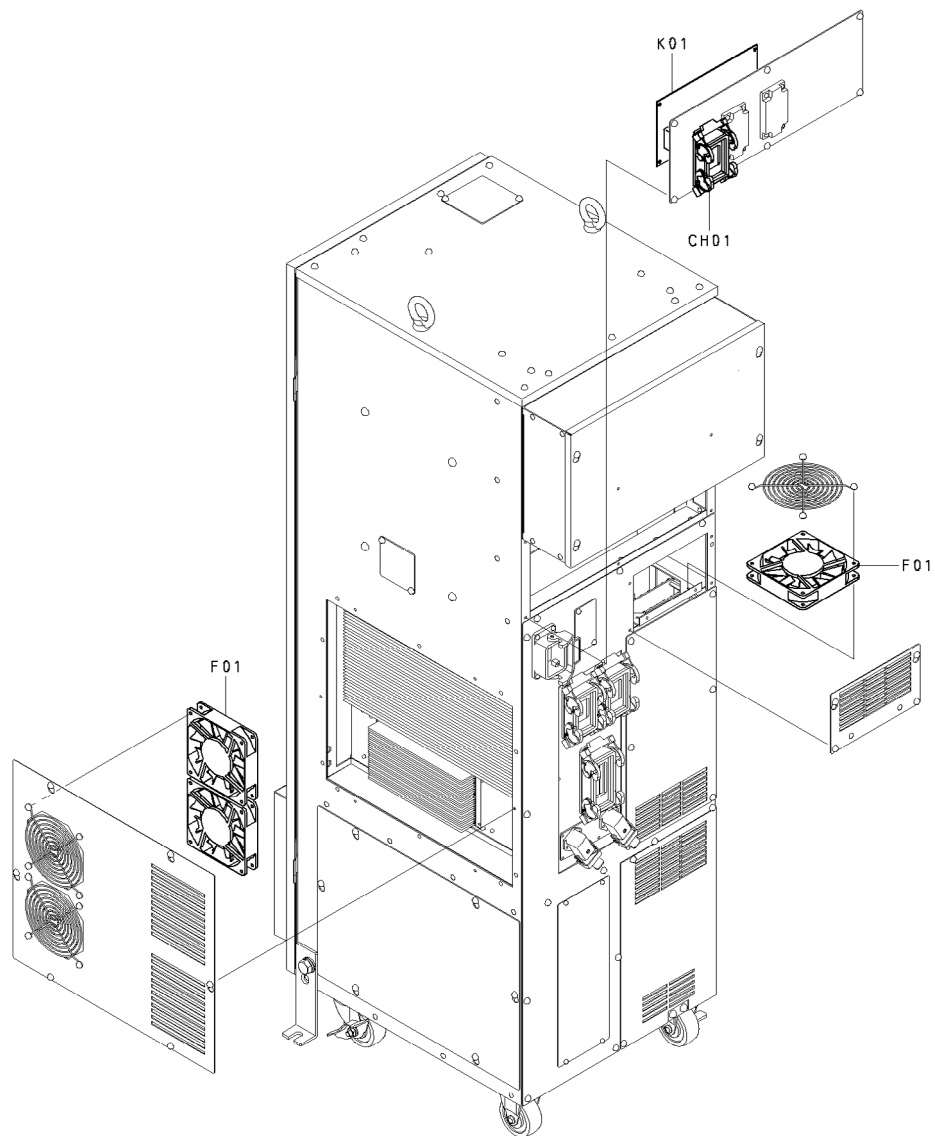
No	Part No.	Part Name	Qty	Specification	Remarks
D01	50607-0086	SERVOAMP-ASSY	1	T52 ZX,ZT SERVOAMP with SERVO BOARD	
D02	50607-0085	SERVOAMP-ASSY	1	T52(ZX) SERVOAMP UNIT	-2014.11
	50607-0125	SERVOAMP-ASSY	1	T52(ZX) SERVOAMP UNIT improved ver.	2014.11-
D04	50999-2922	PRINTED CIRCUITBOARD-ASSY	1	1TB b'd ASSY	



No	Part No.	Part Name	Qty	Specification	Remarks
C001	60555-0081	SWITCH	1	2a/YELLOW	2013.11-
C002	50807-0062	CABINET-ASSY-CONTROLLER	1	Cubic-S(ver.2)	

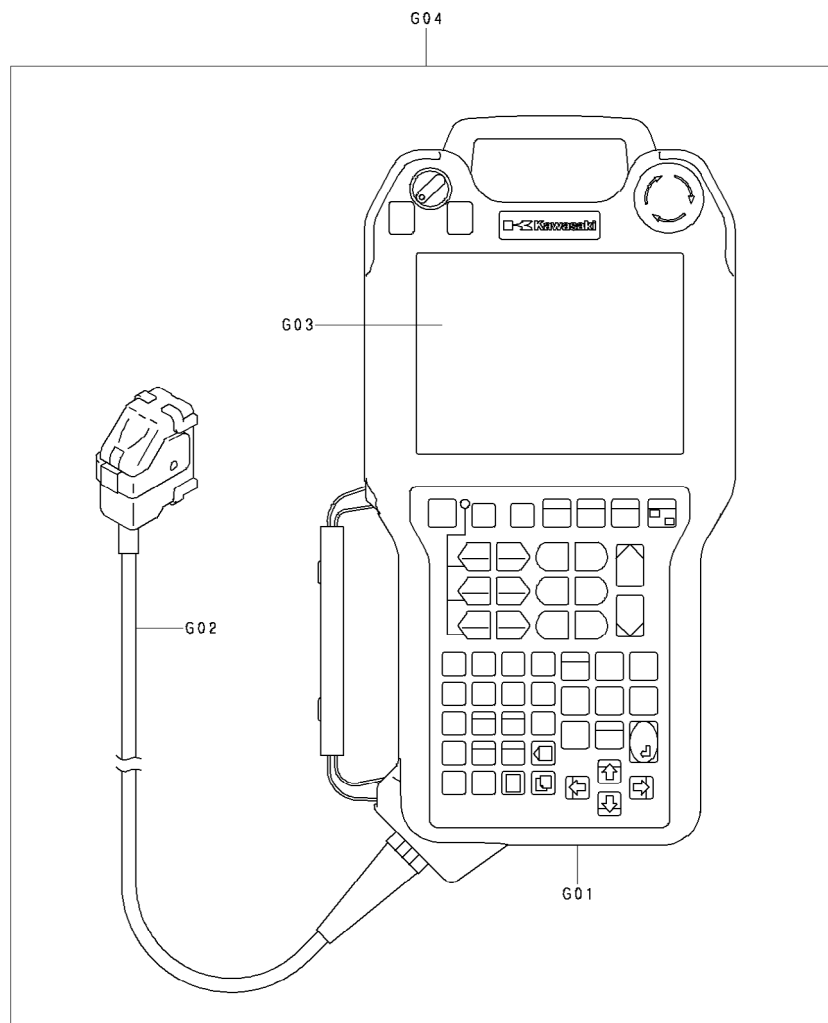


8.REARSIDE OF CONTROLLER ASSY



No	Part No.	Part Name	Qty	Specification	Remarks
CH01	50651-0011	CONNECTOR-ASSY	1	X6 CONNECTOR ASSY FEMAIL	
F01	50973-2843	HARNESS-ASSY-CONTROLLER	3	FAN HARNESS(120X25.5H,DC24V)	
K01	50999-0171	PRINTED CIRCUITBOARD-ASSY	1	1VY b'd ASSY(1VY-*0)	-2015.07
	50999-0400	PRINTED CIRCUITBOARD-ASSY	1	1VY b'd ASSY(1VY-*1)	2015.07-

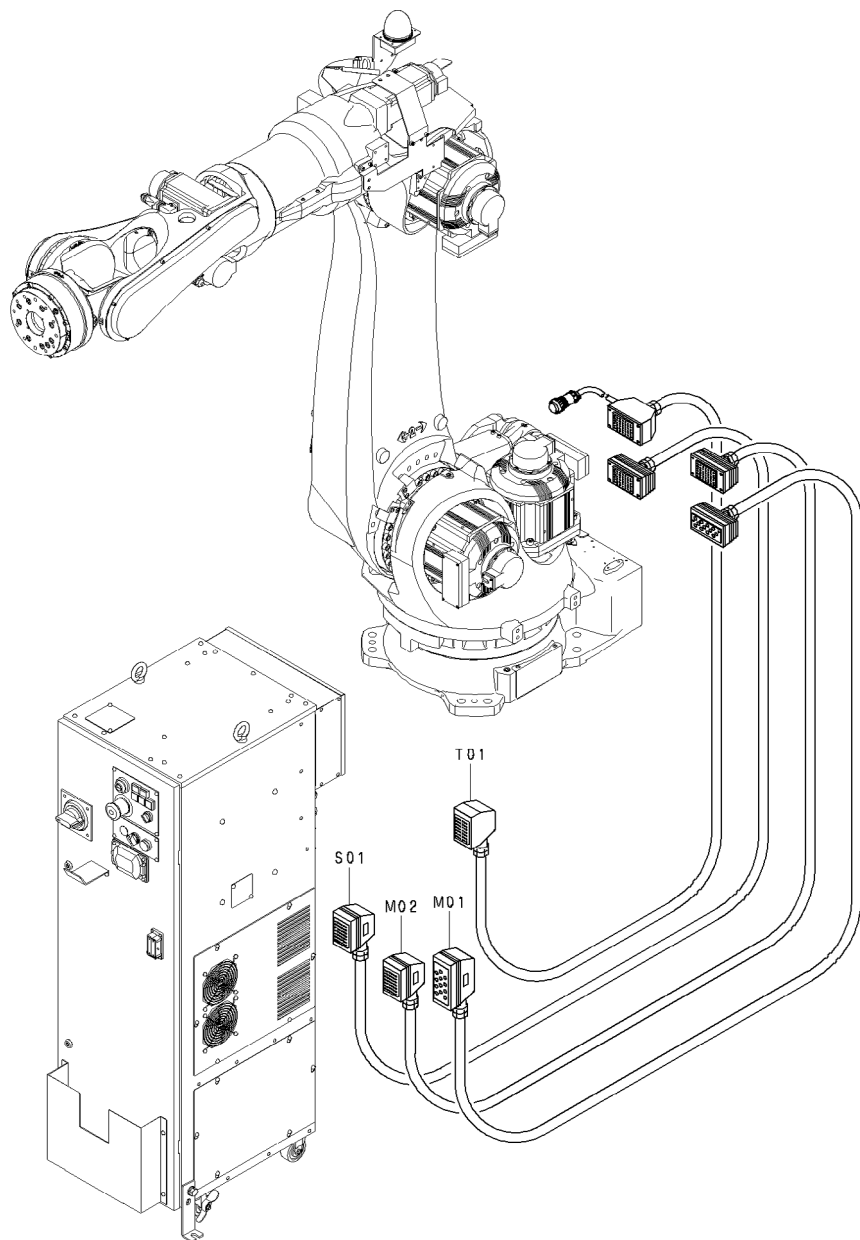
9.LIGHTWEIGHT TEACH PENDANT ASSY



No	Part No.	Part Name	Qty	Specification	Remarks
G01	50817-0059	BOX-ASSY-TEACH	1	T/P (JP/US)ENG COMP+SHEET	
G02	50979-0302L10	HARNESS-ASSY-SEPARATE	1	T5x LIGHT WEIGHT TP HARNESS 10M	
G03	60337-0266	SHEET	2	LIGHT WEIGHT T/P TOUCHPANEL SHEET	
G04	50817-0062L10	BOX-ASSY-TEACH	1	T-CON T/P STD ENG L=10m	

10.HARNESS-UNIT-SEPARATE

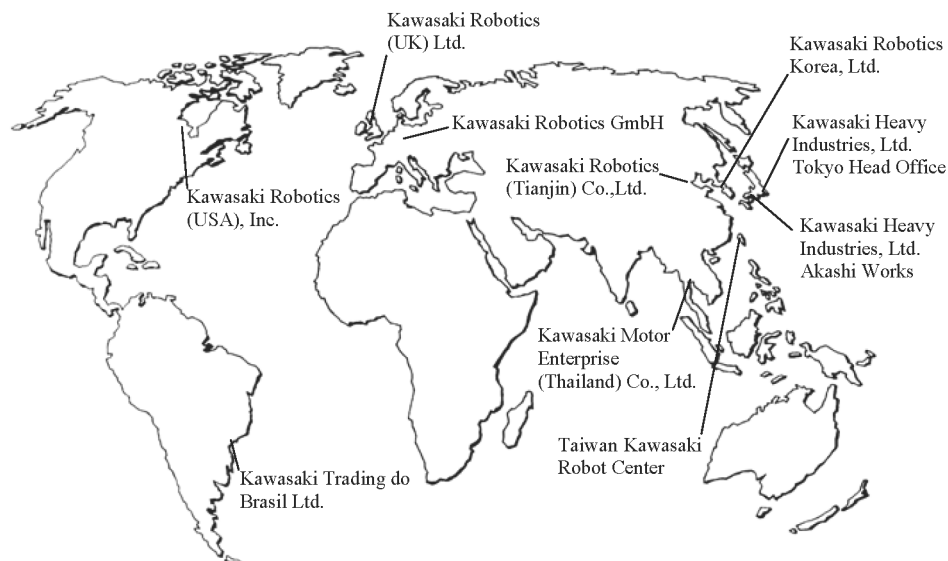
No	Part No.	Part Name	Qty	Specification	Remarks
M01	50979-2604L10	HARNESS-ASSY-SEPARATE	1	MAJOR (ILME-ILME 600V-CABLE) L=10M	
M02	50979-2281L10	HARNESS-ASSY-SEPARATE	1	U MINOR (ILME-ILME 600V-CABLE) L=10M	
S01	50979-2282L10	HARNESS-ASSY-SEPARATE	1	U SIGNAL(ILME-ILME 300V-CABLE) L=10M	
T01	50979-2073L10	HARNESS-ASSY-SEPARATE	1	T0 HARNESS FOR TMC,L=10M	



No	Part No.	Part Name	Specification	Remarks	No	Part No.	Part Name	Specification	Remarks
1	50977-0950	HARNESS-ASSY-CONTROLLER	T5x XVA-CN7-XCS-I/F HARNESS						
2	50979-2073L10	HARNESS-ASSY-SEPARATE	T0 HARNESS FOR TMC,L=10M						
3	50979-2281L10	HARNESS-ASSY-SEPARATE	U MINOR (ILME-ILME 600V-CABLE) L=10M						
4	50979-2282L10	HARNESS-ASSY-SEPARATE	U SIGNAL(ILME-ILME 300V-CABLE) L=10M						
5	50979-2604L10	HARNESS-ASSY-SEPARATE	MAJOR (ILME-ILME 600V-CABLE) L=10M						
6	50999-0213	PRINTED CIRCUITBOARD-ASSY	PC10P-DP-I/O & 1VT b'd Set						
7	50999-3001	PRINTED CIRCUITBOARD-ASSY	1TH b'd(TYPE1) ASSY(AD)						

Level	Part No.	Part Name	Specification	Recommended Qty (per Robot)			Remarks
				1~5 units	6~10 units	11~20 units	
A	50607-0086	SERVOAMP-ASSY	T52 ZX,ZT SERVOAMP with SERVO BOARD	1	1	1	
A	50630-1142	POWERSUPPLY-ASSY-DC	PNP TYPE	1	1	1	
A	50630-1162	POWERSUPPLY-ASSY-DC		1	1	1	
A	50632-0006	POWERSUPPLY-ASSY-SERVO	T5x MC UNIT(STD)	1	1	1	
A	50632-0007	POWERSUPPLY-ASSY-SERVO	T52 CONTROLLER POWER UNIT	1	1	1	
A	50807-0062	CABINET-ASSY-CONTROLLER	Cubic-S(ver.2)	1	1	1	
A	50817-0062L10	BOX-ASSY-TEACH	T-CON T/P STD ENG L=10m	1	1	1	
B	50819-0039	PANEL-ASSY-OPERATION	SW unit(English) for T Controller	1	1	1	-2017.10
B	50819-0040	PANEL-ASSY-OPERATION	SW unit(English,OPTION)	1	1	1	
B	50819-0097	PANEL-ASSY-OPERATION	SW unit(English) ver.2 for T Controller	1	1	1	2017.10-
A	50973-2843	HARNESS-ASSY-CONTROLLER	FAN HARNESS(120X25.5H,DC24V)	1	1	1	
A	50973-2898	HARNESS-ASSY-CONTROLLER	FAN HARNESS(60X25H,DC24V)	1	1	1	
B	50977-0950	HARNESS-ASSY-CONTROLLER	T5x XVA-CN7-XCS-I/F HARNESS	1	1	1	
A	50977-4077	HARNESS-ASSY-CONTROLLER	T52 CONTROLLER FAN ASSY(FAN=2)	1	1	1	2014.08-
C	50979-2073L10	HARNESS-ASSY-SEPARATE	T0 HARNESS FOR TMC,L=10M	1	1	1	
C	50979-2281L10	HARNESS-ASSY-SEPARATE	U MINOR (ILME-ILME 600V-CABLE) L=10M	1	1	1	
C	50979-2282L10	HARNESS-ASSY-SEPARATE	U SIGNAL(ILME-ILME 300V-CABLE) L=10M	1	1	1	
C	50979-2604L10	HARNESS-ASSY-SEPARATE	MAJOR (ILME-ILME 600V-CABLE) L=10M	1	1	1	
A	50999-0137	PRINTED CIRCUITBOARD-ASSY	1VA b'd ASSY	1	1	1	
A	50999-0159	PRINTED CIRCUITBOARD-ASSY	1VP b'd ASSY	1	1	1	
A	50999-0171	PRINTED CIRCUITBOARD-ASSY	1VY b'd ASSY(1VY-*0)	1	1	1	-2015.07
A	50999-0213	PRINTED CIRCUITBOARD-ASSY	PC10P-DP-I/O & 1VT b'd Set	1	1	1	
A	50999-0400	PRINTED CIRCUITBOARD-ASSY	1VY b'd ASSY(1VY-*1)	1	1	1	2015.07-
A	50999-2922	PRINTED CIRCUITBOARD-ASSY	1TB b'd ASSY	1	1	1	
A	50999-2932	PRINTED CIRCUITBOARD-ASSY	1TX b'd ASSY	1	1	1	
A	50999-3001	PRINTED CIRCUITBOARD-ASSY	1TH b'd(TYPE1) ASSY(AD)	1	1	1	
C	60337-0266	SHEET	LIGHT WEIGHT T/P TOUCHPANEL SHEET	1	1	1	
B	60569-0028	BREAKER	20AT/50AF CE	1	1	1	
B	60570-0005	FUSE	CIRCUIT PROTECTOR(20A)	1	1	1	
B	60570-1226	FUSE	CIRCUIT PROTECTOR(10A)	1	1	1	2013.10-
B	60570-1257	FUSE	CIRCUIT PROTECTOR(2A)	1	1	1	2014.06-
B	60570-1266	FUSE	CIRCUIT PROTECTOR(3P/25A)	1	1	1	
A	60750-1016	BATTERY		1	1	1	
A	60851-0003	STORAGE MEDIUM	Compact Flash Card 512MB(OS installed)	1	1	1	

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