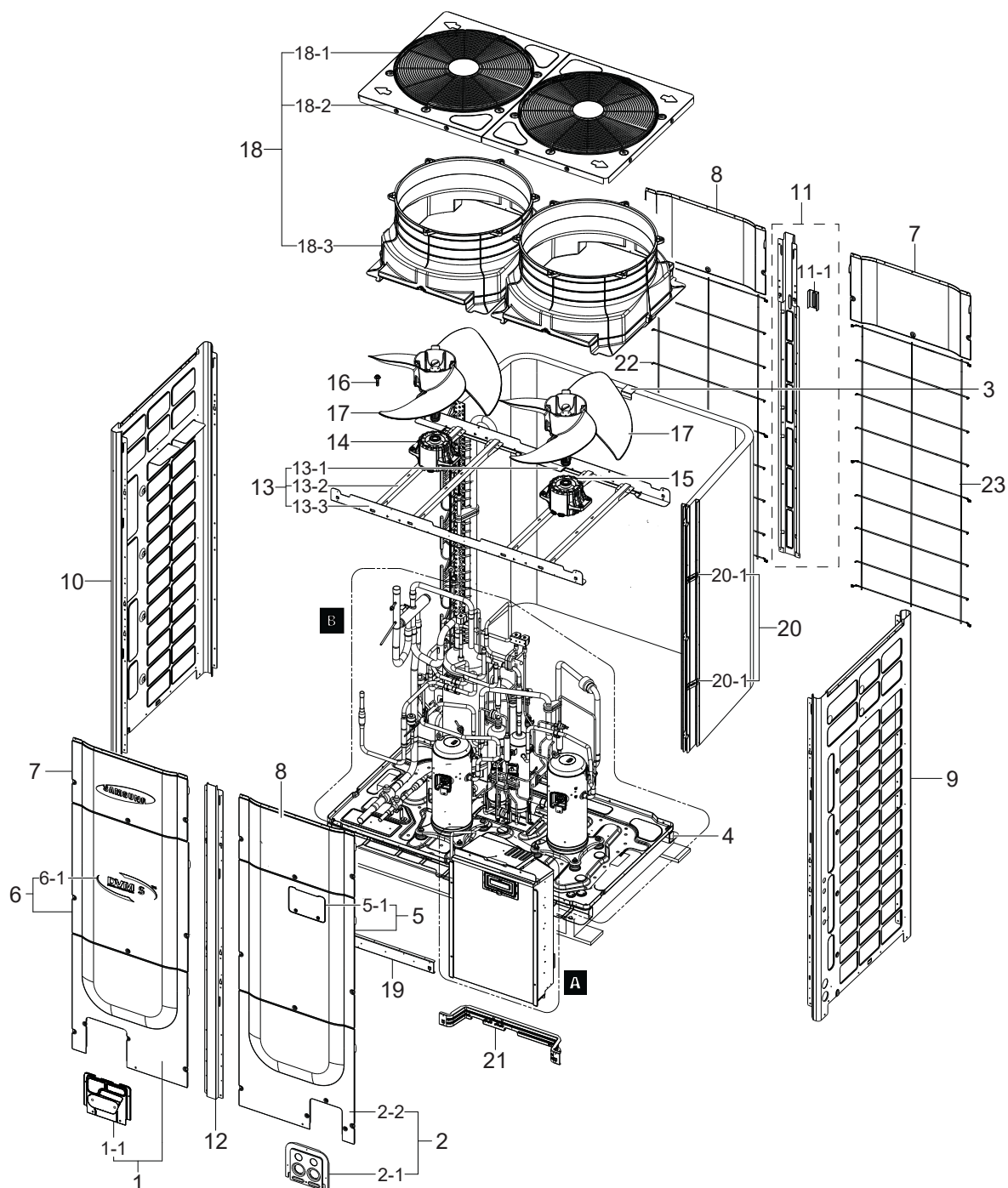
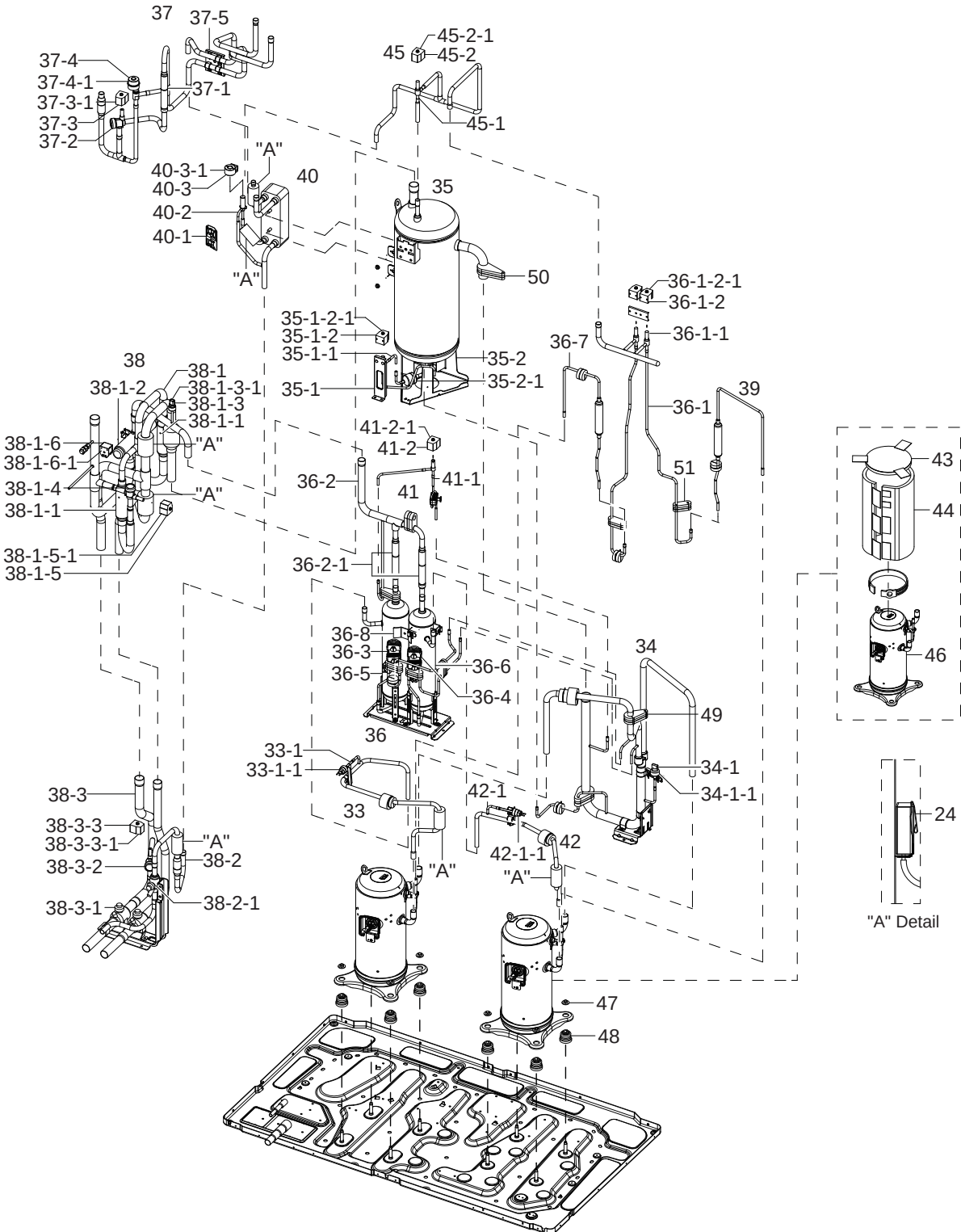
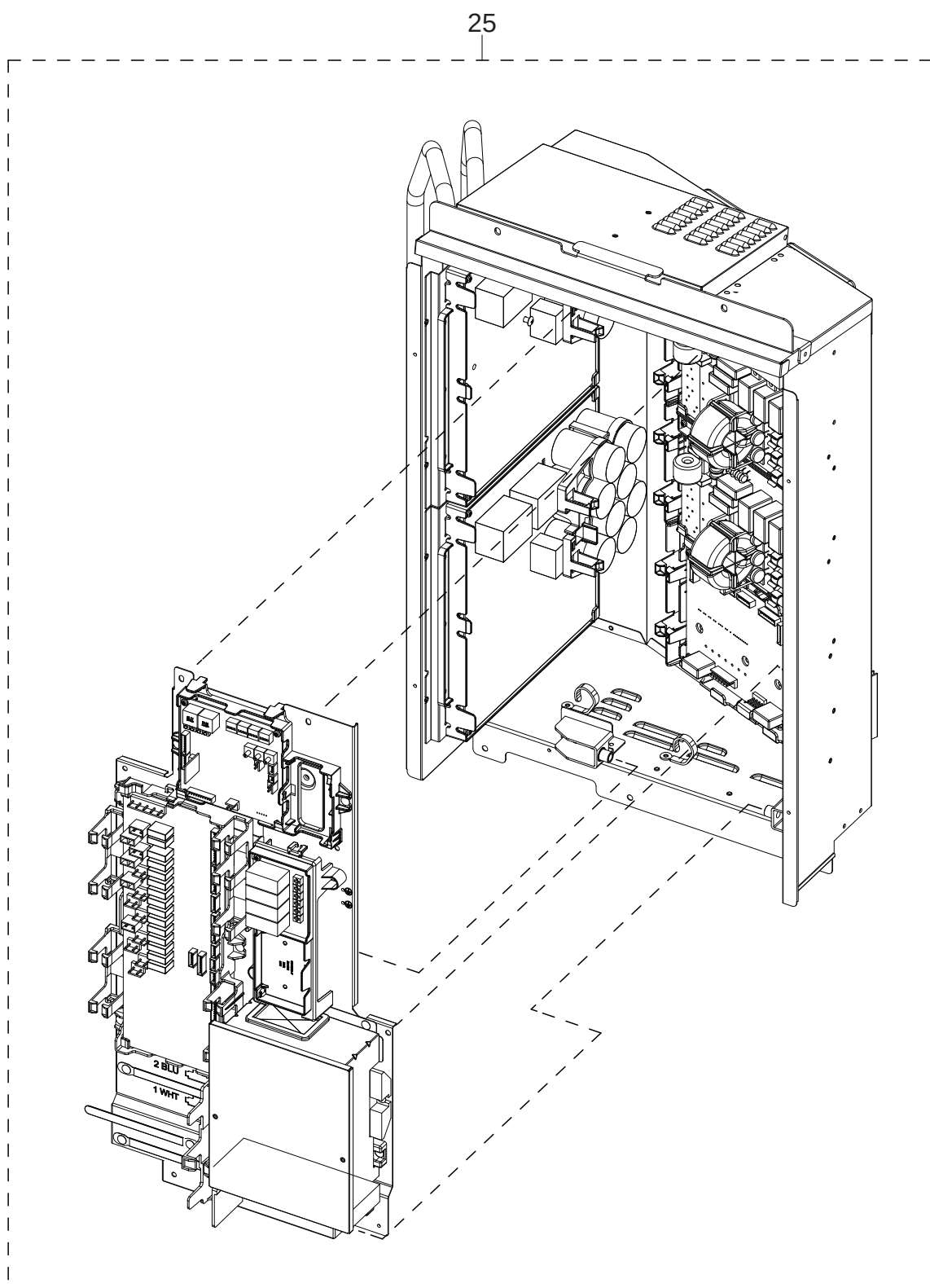


Exploded Views and Parts List

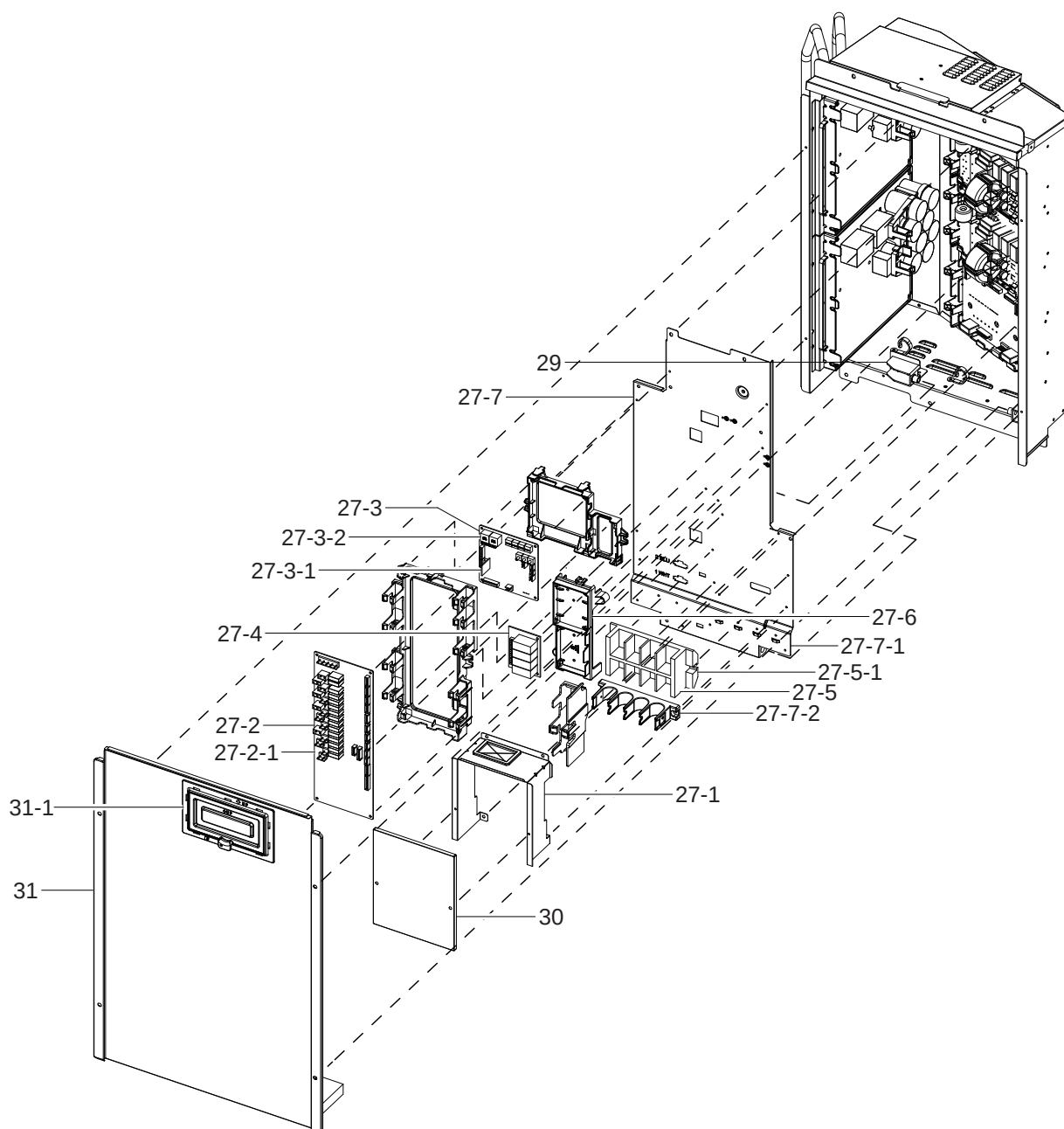
■ AM096FXVAFR2AA, AM120FXVAFR2AA



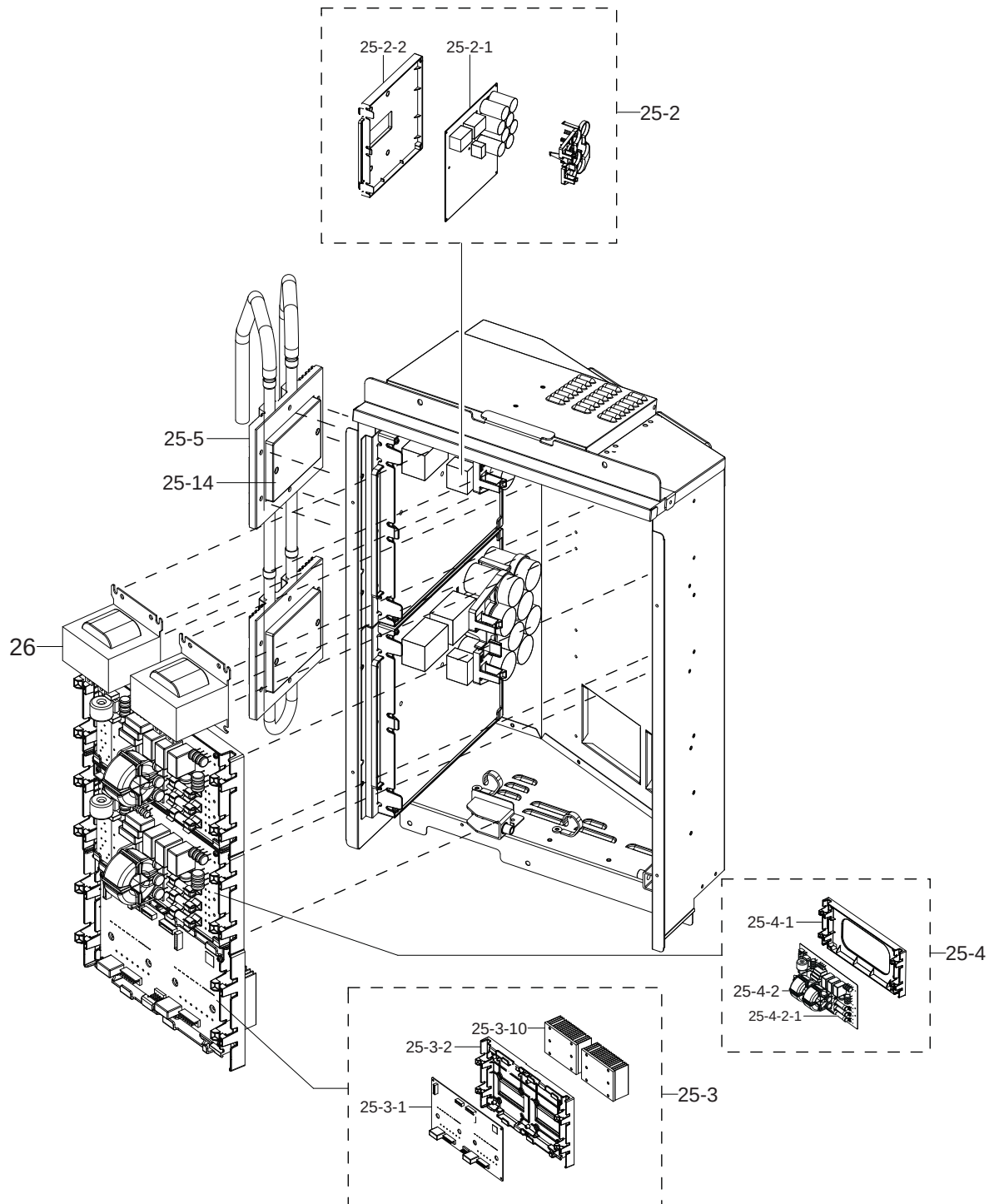




■ Assy Control Parts

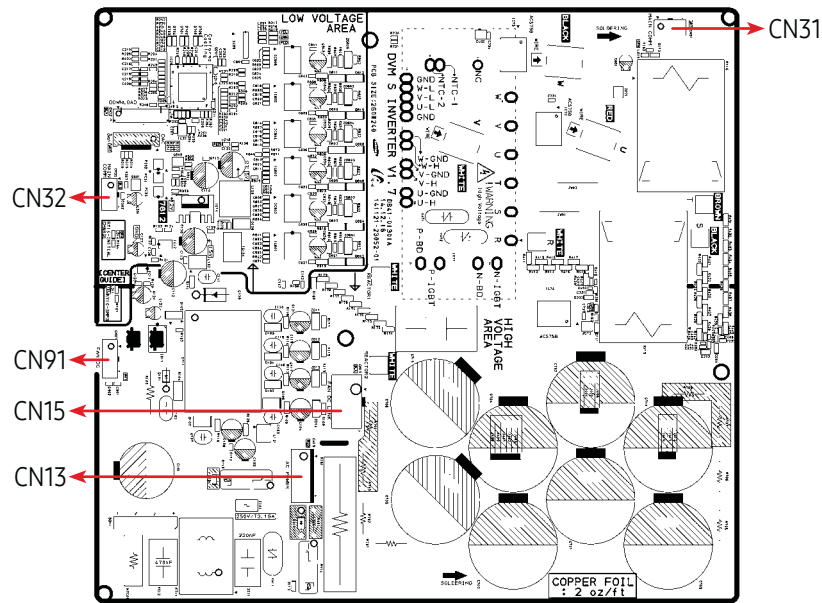


■ Assy Control Parts



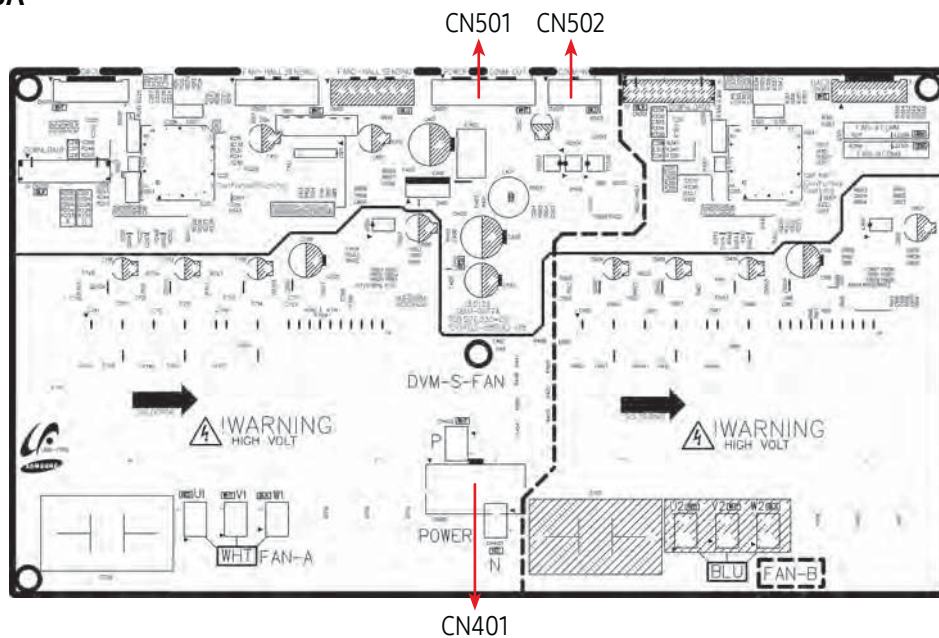
■ Wiring Diagram

25-2 Inverter PBA



Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB93-11485A	25-3-4	INVERTER	CN32	FAN	CN501
		INVERTER	CN91	FAN	CN501
DB93-11491A	25-3-5	INVERTER	CN15	FAN	CN401
DB93-12405A	25-6	INVERTER	-	-	-
DB93-11522*	25-12	INVERTER	CNP13	EMI	CN23
DB93-11520*(2COMP)	25-10	INVERTER1	CN32	INVERTER2	CN32

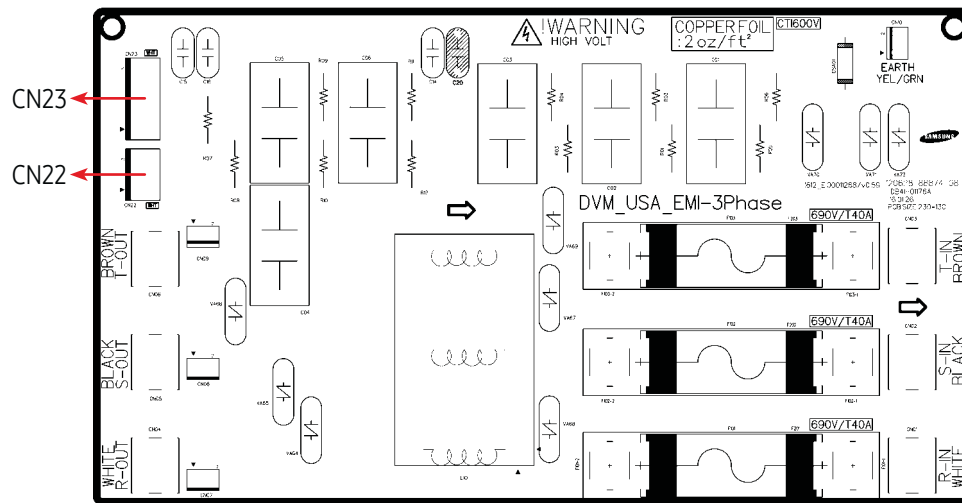
25-3 Fan PBA



Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB93-11485A	25-3-4	FAN	CN501	INVERTER	CN91
		FAN	CN501	INVERTER	CN32
DB93-11520C	25-3-3	FAN	CN502	HUB	CN97
DB93-11491A	25-3-5	FAN	CN401	INVERTER	CN15

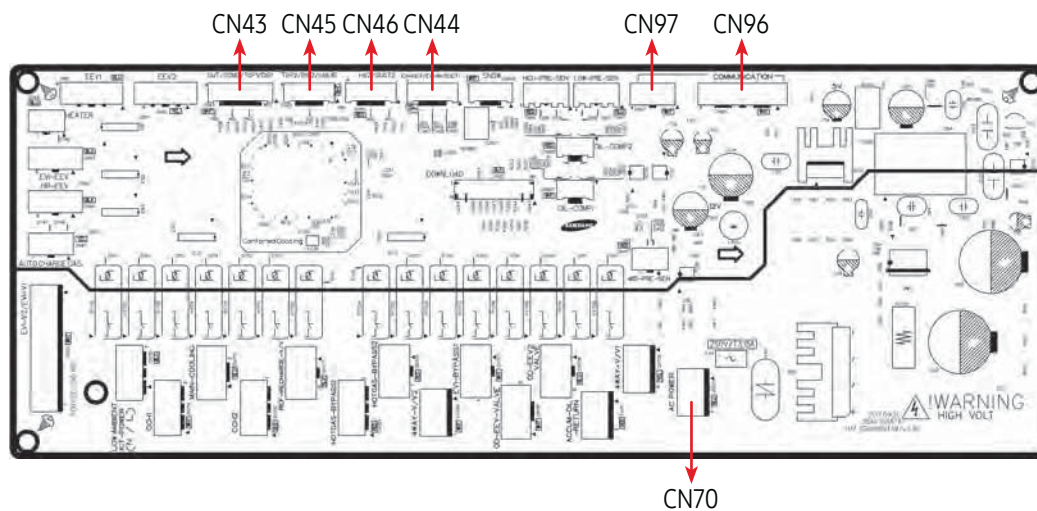
■ Wiring Diagram

25-4 EMI PBA



Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB93-13412*	25-11	EMI	CN22	HUB	CN70
DB93-11522*	25-12	EMI	CN23	INVERTER	CN13

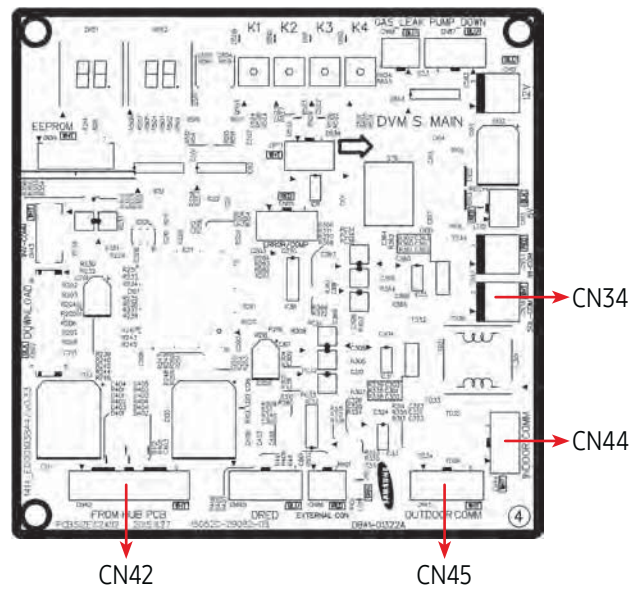
27-2 HUB PBA



Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB95-05010*	28	HUB	CN43	-	-
		HUB	CN44	-	-
		HUB	CN45	-	-
		HUB	CN46	-	-
DB93-11521*	27-8	HUB	CN96	MAIN	CN42
DB93-11520C	25-3-3	HUB	CN97	FAN	CN502
DB93-13412*	25-11	HUB	CN70	EMI	CN108

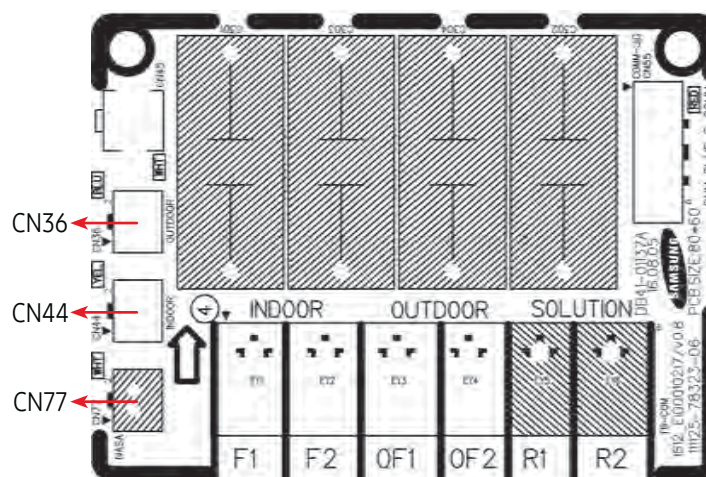
■ Wiring Diagram

27-3 Main PBA



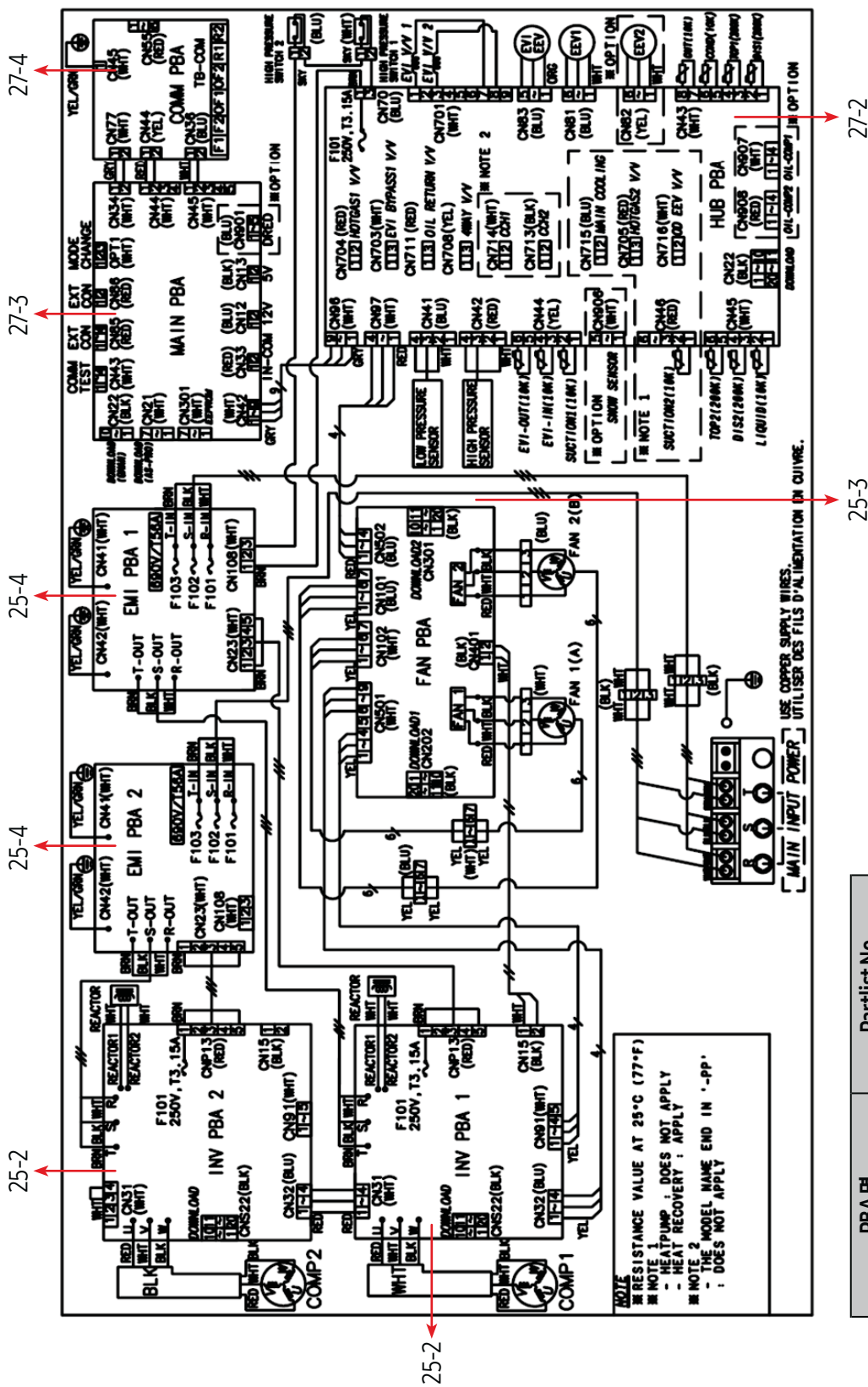
Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB93-11521*	27-8	MAIN	CN42	HUB	CN96
DB93-13184A	27-9	MAIN	CN34	COMM	CN36
		MAIN	CN44	COMM	CN44
		MAIN	CN45	COMM	CN77

27-4 Comm. PBA



Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB93-13184A	27-9	COMM	CN36	MAIN	CN34
		COMM	CN44	MAIN	CN44
		COMM	CN77	MAIN	CN45

■ Circuit Diagram



PBA 명	Partist No.
INV PBA1	25-2
FAN PBA	25-3
EMI PBA 1	25-4
HUB PBA	27-2
MAIN PBA	27-3
COMM PBA	27-4

■ Parts List

No.	Material Code	Description	Q'TY	SA/SNA
1	DB90-05194D	ASSY CABI FRONT-LOW LF	1	SA
1-1	DB61-04537B	PLATE-COVER INSTALLATION	1	SA
2	DB90-08803A	ASSY CABI FRONT	1	SA
2-1	DB63-01441B	COVER-PLATE	1	SA
2-2	DB90-05193F	ASSY CABI FRONT-LOW RH	1	SC
3	DB61-00533A	HOLDER-CLAMP COND	1	SNA
4	DB90-07053B	ASSY BASE OUT	1	SA
5	DB90-05195B	ASSY CABI FRONT-MID RH	1	SA
5-1	DB63-02406B	COVER-WINDOW DISPLAY	1	SA
6	DB90-05197E	ASSY CABI FRONT-MID LF	1	SA
6-1	DB98-34406B	ASSY-LABEL LOGO DVM S	1	SA
7	DB90-09162A	ASSY CABI FRONT-UP	2	SA
8	DB90-05199E	ASSY CABINET-UPPER LF	2	SA
9	DB90-05200C	ASSY CABI SIDE-RH	1	SA
10	DB90-05201C	ASSY CABI SIDE-LF	1	SA
11	DB90-05218B	ASSY CABINET-BEAM BACK	1	SA
11-1	DB61-04272A	BRACKET-BACK BEAM 20HP	1	SA
12	DB90-05219C	ASSY CABI FRONT-BEAM	1	SA
13	DB90-08893A	ASSY BRACKET MOTOR	1	SNA
13-1	DB61-02255A	BRACKET MOTOR	4	SA
13-2	DB90-05223A	ASSY-BACK BEAM UP	1	SA
13-3	DB90-05224C	ASSY-FRONT BEAM UP	1	SA
14	DB31-00675E	MOTOR BLDC FAN	1	SA
15	DB31-00675F	MOTOR BLDC FAN	1	SA
16	6011-001183	BOLT-FLANGE	8	SA
17	DB94-03285B	ASSY FAN PROPELLER	2	SA
18	DB90-05487D	ASSY COVER TOP	2	SA
18-1	DB63-02615B	GUARD FAN-SMALL PD	2	SA
18-2	DB63-02617C	COVER TOP-PD	2	SC
18-3	DB62-07398A	BELLOW-MOUTH	2	SA
19	DB90-05867B	ASSY-FRONT BEAM POWER BOX	1	SA
20	DB96-14515A	ASSY COND OUT	1	SA
20-1	DB61-04553A	BRACKET-COND 7PI	2	SA
21	DB90-05225G	ASSY-FRONT BEAM CONTROL BOX	1	SA
22	DB90-09851A	ASSY GUARD-COND	1	SA
23	DB90-09852A	ASSY GUARD-COND	1	SA
24	DB97-22060A	ASSY PACKING-SOCKET	1	SA
25	DB93-13284K	ASSY CONTROL OUT-BOX	1	SNA
25-1	DB90-07099A	ASSY PLATE-CONTROL	1	SA
25-2	DB92-03527C	ASSY INVERTER PBA	2	SNA
25-2-1	DB92-03526C	ASSY INVERTER PCB	2	SA
25-2-1-1	DB93-12380A	ASSY CONNECTOR WIRE-REACTOR	2	SA
25-2-1-2	DB93-11492B	ASSY CONNECTOR WIRE-POWER	2	SA
25-2-2	DB61-04920A	CASE-INVERTER PCB	2	SA
25-3	DB93-11808E	ASSY FAN PBA	1	SC
25-3-1	DB92-02807A	ASSY FAN PCB	1	SA
25-3-2	DB61-04919A	CASE-BLDC FAN PCB	1	SA

■ Parts List

No.	Material Code	Description	Q'TY	SA/SNA
25-3-3	DB93-11520C	ASSY CONNECTOR WIRE-COMM	1	SA
25-3-4	DB93-11485A	ASSY CONNECTOR WIRE-BLDC COMM	1	SA
25-3-5	DB93-11491A	ASSY CONNECTOR WIRE-POWER	1	SA
25-3-6	DB93-11906A	ASSY CONNECTOR WIRE-BLDC HALL	1	SA
25-3-7	DB93-11906B	ASSY CONNECTOR WIRE-BLDC HALL	1	SA
25-3-8	DB93-11500E	ASSY CONNECTOR WIRE-MOTOR	1	SA
25-3-9	DB93-11500F	ASSY CONNECTOR WIRE-MOTOR	1	SA
25-3-10	DB62-10633A	HEAT SINK	2	SA
25-3-11	0205-000178	GREASE-SILICON	0.001	SA
25-3-12	DB91-00307A	ASSY-SCREW MACHINE	12	SA
25-4	DB93-12089D	ASSY EMI PBA	2	SA
25-4-1	DB61-04921A	CASE-EMI PCB	2	SA
25-4-2	DB92-02806A	ASSY EMI PCB	2	SA
25-4-2-1	3601-001909	FUSE-ETC	6	SNA
25-4-2-2	DB93-13976A	ASSY CONNECTOR WIRE-POWER	4	SA
25-5	DB96-17068B	ASSY TUBE-MAIN COOLING	1	SA
25-6	DB93-12405A	ASSY CONNECTOR WIRE-INVERTER SHORT	1	SA
25-7	DB93-13226A	ASSY CONNECTOR WIRE-TOTAL POWER	1	SA
25-8	DB93-13282A	ASSY CONNECTOR WIRE-INVERTER COMP	1	SA
25-9	DB93-13282B	ASSY CONNECTOR WIRE-INVERTER COMP	1	SA
25-10	DB93-11520B	ASSY CONNECTOR WIRE-COMM	1	SA
25-11	DB93-13412A	ASSY CONNECTOR WIRE-HUB HIGH PRESSURE	1	SA
25-12	DB93-11522A	ASSY CONNECTOR WIRE-INV 220	1	SA
25-13	DB93-11522B	ASSY CONNECTOR WIRE-INV 220	1	SA
25-14	0205-000178	GREASE-SILICON	1	SA
26	DB27-00094A	COIL HARMONIC	2	SA
27	DB93-16450A	ASSY CONTROL OUT PARTS	1	SNA
27-1	DB90-07287B	ASSY PLATE-CONTROL	1	SA
27-2	DB92-04466A	ASSY HUB PBA	1	SA
27-2-1	DB94-05068A	ASSY HEAT SINK1	1	SNA
27-2-1-1	0205-000178	GREASE-SILICON	1	SA
27-3	DB92-04570A	ASSY KIT	1	SA
27-3-1	DB93-12483A	ASSY PCB SUB-EEPROM	1	SA
27-3-2	DB92-03752B	ASSY MAIN PCB	1	SNA
27-4	DB93-13404A	ASSY PCB SUB-COMM	1	SA
27-5	DB93-14002A	ASSY CONNECTOR WIRE-TERMINAL BLOCK	1	SA
27-5-1	DB65-00232D	TERMINAL BLOCK-3PHASE	1	SA
27-6	DB61-05404A	CASE-TERMINAL 6P	1	SA
27-7	DB90-07100A	ASSY PLATE-BEAM	1	SA
27-7-1	DB61-05401A	PLATE-CONTROL BOX FRONT	1	SA
27-7-2	DB61-03441A	SUPPORT-WIRE BODY	1	SNA
27-8	DB93-11521B	ASSY CONNECTOR WIRE-DC SIGNAL	1	SA
27-9	DB93-13184A	ASSY CONNECTOR WIRE-OUTDOOR COMM	1	SA
28	DB95-05010D	ASSY THERMISTOR-TOTAL	1	SA
28-1	DB95-04716D	ASSY-THERMISTOR WIRE	1	SA
28-2	DB95-04717D	ASSY-THERMISTOR WIRE	1	SA
28-3	DB95-04718D	ASSY-THERMISTOR WIRE	1	SA

■ Parts List

No.	Material Code	Description	Q'TY	SA/SNA
28-4	DB95-05125A	ASSY THERMISTOR	1	SA
29	DB61-05409A	HOLDER-CONTROL HINGE	1	SA
30	DB90-07288A	ASSY COVER-POWER TERMINAL	1	SA
31	DB90-06765B	ASSY COVER CONTROL-BOX	1	SA
31-1	DB90-03829B	ASSY-WINDOW DISPLAY	1	SA
32	DB81-00635A	SPRING ETC-SENSOR	8	SA
33	DB96-17288A	ASSY TUBE DISCHARGE-	1	SA
33-1	DB95-04864C	ASSY SWITCH PRESSURE	1	SC
33-1-1	DB34-00071B	SWITCH PRESSURE	1	SA
34	DB96-17320C	ASSY TUBE SUCTION	1	SA
34-1	DB95-04866F	ASSY-SENSOR LOW PRESSURE COIL	1	SA
34-1-1	DB32-00195A	SENSOR PRESSURE	1	SA
35	DB96-21251A	ASSY TUBE-ACCUMULATOR	1	SNA
35-1	DB96-16918A	ASSY TUBE-ACCUM OIL VALVE	1	SA
35-1-1	DB62-04149A	VALVE SOLENOID	1	SC
35-1-2	DB95-04865H	ASSY-OIL RETURN TUBE COIL	1	SA
35-1-2-1	DB62-04150A	VALVE COIL SOLENOID	1	SA
35-2	DB96-16928A	ASSY-ACCUMULATOR	1	SA
35-2-1	DB62-11876A	TUBE-FILTER	1	SA
36	DB96-17321A	ASSY TUBE TANK	1	SA
36-1	DB96-17291A	ASSY TUBE-VAPOR INJECTION	1	SA
36-1-1	DB62-07588A	VALVE SOLENOID	1	SA
36-1-2	DB95-04555F	ASSY-SOLENOID COIL	1	SC
36-1-2-1	DB62-07589A	VALVE COIL-SOLENOID	2	SA
36-2	DB96-17292A	ASSY TUBE CHECK-OIL SEPARATOR	1	SA
36-2-1	DB62-06188B	VALVE CHECK	2	SA
36-3	DB96-17293A	ASSY TUBE-OIL RETURN A	1	SA
36-4	DB96-17294A	ASSY TUBE CAPILLARY-OIL SEPARATOR	1	SA
36-5	DB96-17639A	ASSY-OIL SEPARATOR C	1	SA
36-6	DB96-17640A	ASSY-OIL SEPARATOR D	1	SA
36-7	DB96-17648A	ASSY TUBE-VI 1COMP	1	SA
36-8	DB61-05354A	BRACKET-OIL SEPA FIX	1	SA
37	DB96-17947A	ASSY TUBE-EXPANSION VV HR	1	SA
37-1	DB62-06190B	VALVE CHECK	1	SA
37-2	DB62-09632A	VALVE SOLENOID	1	SA
37-3	DB95-05076C	ASSY-SOLENOID COIL	1	SA
37-3-1	DB62-07589B	VALVE COIL-SOLENOID	1	SA
37-4	DB95-05041A	ASSY-VALVE EXPANSION	1	SNA
37-4-1	DB62-05606A	VALVE GEAR EXPAN	1	SA
37-5	DB90-07310A	ASSY BRACKET-EXPANSION FRONT	1	SA
38	DB96-17962A	ASSY TUBE-4WAY GAS BALL VV HR	1	SA
38-1	DB96-17964A	ASSY TUBE-4WAY MAIN COOLING HR	1	SA
38-1-1	DB62-06187B	VALVE CHECK	2	SA
38-1-2	DB62-03348A	VALVE 4WAY	1	SA
38-1-3	DB95-01549T	ASSY-SENSOR HIGH PRESSURE COIL	1	SA
38-1-3-1	DB32-00194A	SENSOR PRESSURE	1	SA
38-1-4	DB62-09633A	VALVE SOLENOID	1	SA

■ Parts List

No.	Material Code	Description	Q'TY	SA/SNA
38-1-5	DB95-05076A	ASSY-SOLENOID COIL	1	SA
38-1-5-1	DB62-07589B	VALVE COIL-SOLENOID	1	SA
38-1-6	DB96-13291B	ASSY-4WAY VALVE COIL	1	SA
38-1-6-1	DB33-00047B	VALVE COIL SOLENOID	1	SA
38-2	DB96-17954A	ASSY TUBE-LQD BALL EEV HR	1	SA
38-2-1	DB62-07618A	VALVE SERVICE-BALL	1	SA
38-3	DB96-17952A	ASSY TUBE-GAS BALL VV HR	1	SA
38-3-1	DB62-07613A	VALVE SERVICE-BALL	2	SA
38-3-2	DB62-09633A	VALVE SOLENOID	1	SA
38-3-3	DB95-05076E	ASSY-SOLENOID COIL	1	SA
38-3-3-1	DB62-07589B	VALVE COIL-SOLENOID	1	SA
39	DB96-17649A	ASSY TUBE-VI 2COMP	1	SA
40	DB96-18614A	ASSY TUBE SUBCOOLER	1	SA
40-1	DB62-11717A	SEAL COVER	1	SA
40-2	DB62-04065A	VALVE EXPAN	1	SC
40-3	DB96-13204K	ASSY-VALVE EXPAN COIL	1	SC
40-3-1	DB62-11205B	VALVE COIL EXPAN	1	SA
41	DB96-17081A	ASSY TUBE-HOT GAS	1	SA
41-1	DB62-04149A	VALVE SOLENOID	1	SC
41-2	DB95-04865G	ASSY-OIL RETURN TUBE COIL	1	SA
41-2-1	DB62-04150A	VALVE COIL SOLENOID	1	SA
42	DB96-17289A	ASSY TUBE DISCHARGE-B	1	SA
42-1	DB95-04864B	ASSY SWITCH PRESSURE	1	SC
42-1-1	DB34-00071B	SWITCH PRESSURE	1	SA
43	DB63-03738A	CLOTH COMP-TOP OUT	2	SA
44	DB63-03737A	CLOTH COMP-SIDE	2	SA
45	DB96-16908A	ASSY TUBE-EVI BYPASS	1	SA
45-1	DB62-07588A	VALVE SOLENOID	1	SA
45-2	DB95-02052Z	ASSY-SOLENOID COIL	1	SA
45-2-1	DB62-07589B	VALVE COIL-SOLENOID	1	SA
46	DS-GB052FBVASG	SCP,COMP,SCP,,R410A	2	
47	DB60-30028A	NUT-FLANGE	8	SA
48	DB63-03269A	GROMMET-COMP INVERTER	8	SA
49	DB61-05572A	SUPPORT-RUBBER	1	SNA
50	DB61-05574A	SUPPORT-RUBBER	1	SNA
51	DB73-00533A	RUBBER-SUPPORT 7 7 42	1	SNA
52	DB62-03808A	INSULATION-HOLDER SENSOR	2	SNA
53	DB62-03808C	INSULATION-HOLDER SENSOR	4	SNA
54	DB62-03808E	INSULATION-HOLDER SENSOR	1	SNA
55	DB62-04154C	INSULATION-HOLDER WIRE	2	SNA
	6009-001369	M4 SCREW	0	SA
	6001-002824	M5 SCREW	0	SA
	6003-001053	M6 SCREW	0	SA