

S6. Replacement Parts List

- Note: 1.* Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark  have the special characteristics for safety.
When replacing any of these components, use only the same type.
3. Unless otherwise specified,
All resistors are in OHMS, K=1,000 OHMS. All capacitors are in MICRO-FARADS (uf), P=uuF.
4. The marking (RTL) indicates the retention time is limited for this item. After the discontinuation of this assembly in production, it will no longer be available.

E.S.D. standards for Electrostatically Sensitive Devices, refer to “PREVENTION OF ELECTROSTATIC DISCHARGE (ESD) TO ELECTROSTATICALLY SENSITIVE (ES) DEVICES” section.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
##	VEP03J06DP	MAIN P.C.B. UNIT		(RTL) E.S.D.
				EB,EC,EF,EG,EP
##	VEP03J06DQ	MAIN P.C.B. UNIT	1	(RTL) E.S.D. EE,GK
##	VEP03J06DN	MAIN P.C.B. UNIT	1	(RTL) E.S.D. P
##	VEP03J10B	FLASH SD P.C.B. UNIT	1	(RTL) E.S.D.
##	VEP01A48A	BATT. CAT P.C.B. UNIT	1	(RTL) E.S.D.
##	VEP06G65A	SIDE-R OP P.C.B. UNIT	1	(RTL)
##	VEP26338A	MONITOR P.C.B. UNIT	1	(RTL) E.S.D.
##	VEP20D29A	FRONT P.C.B. UNIT	1	(RTL) E.S.D.
##	VEP06G62A	HOLL FPC UNIT	1	(RTL) E.S.D.
##	VEP04976A	MIC AMP P.C.B. UNIT	1	(RTL) E.S.D.
##	VEP06G66A	SS SW P.C.B. UNIT	1	(RTL) E.S.D.
##	VEP04968A	MIC AMP FPC UNIT	1	
##	VEP03J10B	FLASH SD P.C.B. UNIT		(RTL) E.S.D.
C3302	F1G1H472A571	C.CAPACITOR CH 50V 4700P	1	
C3303	F1G1H472A571	C.CAPACITOR CH 50V 4700P	1	
C3906	F1G1E1030005	C.CAPACITOR CH 25V 0.01U	1	
C3907	F1G1E1030005	C.CAPACITOR CH 25V 0.01U	1	
C3908	F1G1C104A077	C.CAPACITOR CH 16V 0.1U	1	
C3910	F3G0J107A017	C.CAPACITOR CH 6.3V 100U	1	
C3911	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
C7001	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
C7002	F1G1H150A644	C.CAPACITOR CH 50V 15P	1	
C7003	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
C7004	F2A2F6000001	CAPACITOR	1	
C7005	F1K2E4730005	C.CAPACITOR 250V 0.047U	1	
C7010	F1K2E223A004	C.CAPACITOR 250V 0.022U	1	
D7002	B0ECGP000006	DIODE	1	E.S.D.
D7003	DA2JF8100L	DIODE	1	E.S.D.
HS3901	K1NA09E00115	SD CARD SLOT	1	
IC7001	C0ZBZ0001710	IC	1	E.S.D.
JK3301	K2HZ112E0001	D-TERMINAL	1	
LB3301	J0JCC0000408	FILTER	1	
LB3302	J0JCC0000408	FILTER	1	
LB3303	J0JCC0000408	FILTER	1	
LB3304	J0JCC0000276	FILTER	1	
LB3305	J0JCC0000276	FILTER	1	
LB3306	J0JCC0000276	FILTER	1	
LB3901	J0JBC0000099	FILTER	1	
P7001	K1KA02B00292	CONNECTOR 2P	1	
P7002	K1KA02BA0022	CONNECTOR 2P	1	
PS7001	K1KB30AA0116	CONNECTOR 30P	1	
Q3901	B1ADKB000015	TRANSISTOR	1	E.S.D.
Q7005	B1JBLP000014	TRANSISTOR	1	E.S.D.
R3311	ERJ2GEJ102Y	M.RESISTOR CH 1/10W 1K	1	
R3312	ERJ3RED750V	RESISTOR NETWORKS	1	
R3313	ERJ3RED750V	RESISTOR NETWORKS	1	
R3314	ERJ3RED750V	RESISTOR NETWORKS	1	
R3315	ERJ3RED750V	RESISTOR NETWORKS	1	
R3901	ERJ2GEJ560X	M.RESISTOR CH 1/10W 56	1	
R3902	ERJ2GEJ560X	M.RESISTOR CH 1/10W 56	1	
R3903	ERJ2GEJ560X	M.RESISTOR CH 1/10W 56	1	
R3904	ERJ2GEJ560X	M.RESISTOR CH 1/10W 56	1	
R3905	ERJ2GEJ560X	M.RESISTOR CH 1/10W 56	1	
R3907	ERJ2GEJ102Y	M.RESISTOR CH 1/10W 1K	1	
R3908	ERJ2GEJ103	M.RESISTOR CH 1/10W 10K	1	
R3909	ERJ2GEJ102Y	M.RESISTOR CH 1/10W 1K	1	
R3910	ERJ2GEJ271	M.RESISTOR CH 1/10W 270	1	
R3911	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	1	
R3912	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
R3913	D0GB150JA057	M.RESISTOR CH 1/10W 15	1	
R7001	ERJ2GEJ683	M.RESISTOR CH 1/16W 68K	1	
△ R7002	D1BD8203A119	FUSE RESISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7003	ERJ2RHD222	M.RESISTOR CH 1/16W 2.2K	1	
R7004	ERJ8GEYJ105V	M.RESISTOR CH 1/4W 1M	1	
R7006	ERJ2RHD471X	M.RESISTOR CH 1/16W 470	1	
R7007	ERJ3GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7011	ERJ3GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7015	ERJ3GEYJ560	M.RESISTOR CH 1/10W 56	1	
R7098	ERJ3GEY0R00	M.RESISTOR CH 1/10W 0	1	
RX3901	EXB28V103JX	RESISTOR NETWORKS	1	
T7001	G5DY20000025	TRANSFOMER	1	
##	VEP01A48A	BATT. CAT P.C.B. UNIT		(RTL) E.S.D.
C6301	F1G1C104A077	C.CAPACITOR CH 16V 0.1U	1	
C6302	F1G1C104A077	C.CAPACITOR CH 16V 0.1U	1	
C6303	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
C6306	F1G1C104A077	C.CAPACITOR CH 16V 0.1U	1	
C6307	F1G1C104A077	C.CAPACITOR CH 16V 0.1U	1	
C6308	F1G1C104A077	C.CAPACITOR CH 16V 0.1U	1	
C6751	F1H1E105A116	C.CAPACITOR CH 25V 1U	1	
FP6302	K1MY08BA0370	CONNECTOR 8P	1	
IC6301	EWTS9PSL11	IC	1	E.S.D.
△ IP6751	K5H4021A0011	IC PROTECTOR	1	
△ IP6752	K5H4021A0011	IC PROTECTOR	1	
JK6751	K4ZZ04000056	JK, BATTERY	1	
JK6752	K2EC2E000006	JACK	1	
LB6751	J0JJC0000015	FILTER	1	
LB6752	J0JJC0000015	FILTER	1	
PP6751	K1KA60A00156	CONNECTOR 60P	1	
R6302	D0YAR0000007	M.RESISTOR CH 1/10W 0	1	
VA6751	D4ED18R00008	VARISTOR	1	
VA6752	D4ED18R00008	VARISTOR	1	
VA6753	D4ED1270A011	VARISTOR	1	
VA6754	D4ED1270A011	VARISTOR	1	
##	VEP06G65A	SIDE-R OP P.C.B. UNIT		(RTL)
FP6501	K1MN08A00072	CONNECTOR 8P	1	
P6501	K1KA02BA0014	CONNECTOR 2P	1	
P6502	K1KA03BA0014	CONNECTOR 3P	1	
S6501	K0F111A00589	SWITCH	1	
S6502	K0F111A00589	SWITCH	1	
##	VEP26338A	MONITOR P.C.B. UNIT		(RTL) E.S.D.
C502	F1G1C104A077	C.CAPACITOR CH 16V 0.1U	1	
C504	F1G1H102A640	C.CAPACITOR CH 50V 1000P	1	
C505	F1G1H102A640	C.CAPACITOR CH 50V 1000P	1	
C901	F1G1E1040001	C.CAPACITOR CH 25V 0.1U	1	
C903	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
C904	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
C905	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
C906	ECJ1VB1A105K	C.CAPACITOR CH 10V 1U	1	
C907	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
C908	ECJ1VB1A105K	C.CAPACITOR CH 10V 1U	1	
C909	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
C910	ECJ1VB1A105K	C.CAPACITOR CH 10V 1U	1	
C911	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
C912	F1H1E105A116	C.CAPACITOR CH 25V 1U	1	
C913	F1H1E105A116	C.CAPACITOR CH 25V 1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C914	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1		FP4801	K1MY04BA0370	CONNECTOR 4P	1	
C915	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1		FP4802	K1MY21BA0384	CONNECTOR 21P	1	
C916	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1		FP4803	K1MY12BA0370	CONNECTOR 12P	1	
C917	ECJ1VB1A105K	C.CAPACITOR CH 10V 1U	1						
C918	ECJ1VB1A105K	C.CAPACITOR CH 10V 1U	1		IC4803	C0ABBB000369	IC	1	E.S.D.
C919	F1G1C104A077	C.CAPACITOR CH 16V 0.1U	1						
					P4801	K1KA02BA0014	CONNECTOR 2P	1	
D901	DZ2J160M0L	DIODE	1	E.S.D.					
D902	B3AFB0000321	DIODE	1	E.S.D.	Q4801	B1ABDF000017	TRANSISTOR	1	E.S.D.
D903	B3AFB0000321	DIODE	1	E.S.D.					
D904	B3AFB0000321	DIODE	1	E.S.D.	R4801	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
D905	B3AFB0000321	DIODE	1	E.S.D.	R4804	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
					R4808	ERJ2GEJ183	M.RESISTOR CH 1/10W 18K	1	
FP901	K1MY16BA0159	CONNECTOR 16P	1		R4809	ERJ2GEJ683	M.RESISTOR CH 1/16W 68K	1	
FP902	K1MY12BA0159	CONNECTOR 12P	1		R4814	ERJ2GEJ183	M.RESISTOR CH 1/10W 18K	1	
FP904	K1MY41BA0369	CONNECTOR 41P	1		R4815	ERJ2GEJ683	M.RESISTOR CH 1/16W 68K	1	
FP905	K1MN04BA0262	CONNECTOR 4P	1		R4816	ERJ2GEJ472	M.RESISTOR CH 1/10W 4.7K	1	
					R4817	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	
R901	ERJ2GEJ824	M.RESISTOR CH 1/16W 820K	1		R4818	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
					R6405	ERJ2GEJ222	M.RESISTOR CH 1/10W 2.2K	1	
VA501	D4ED18R00008	VARISTOR	1						
VA502	D4ED18R00008	VARISTOR	1		VA4801	D4ED16R80001	VARISTOR	1	
VA503	D4ED18R00008	VARISTOR	1						
VA504	D4ED18R00008	VARISTOR	1		ZB6401	K3ZZ00500014	BATTERY HOLDER	1	
##	VEP20D29A	FRONT P.C.B. UNIT		(RTL) E.S.D.	##	VEP06G66A	SS SW P.C.B. UNIT		(RTL) E.S.D.
C6401	F1J0J106A049	C.CAPACITOR CH 6.3V 10U	1		P6551	K1KA02BA0014	CONNECTOR 2P	1	
D6401	B3AAB0000343	LED	1	E.S.D.	S6551	K0F111A00475	SWITCH	1	
D6402	B3ADB0000147	DIODE	1	E.S.D.					
FP6400	K1MY08BA0370	CONNECTOR 8P	1						
FP6402	K1MY04BA0385	CONNECTOR 4P	1		##	VEP04968A	MIC AMP FPC UNIT		
FP6403	K1MY33AA0199	CONNECTOR 33P	1						
					PP6003	K1KA20A00275	CONNECTOR 20P	1	
IR6401	B3RBB0000013	REMOTE SENSOR	1						
Q6401	B1ADGD000005	TRANSISTOR	1	E.S.D.					
QR6401	B1GBCFJK0001	TRANSISTOR	1	E.S.D.					
R6400	ERJ2GEJ102Y	M.RESISTOR CH 1/10W 1K	1						
R6401	ERJ2GEJ103	M.RESISTOR CH 1/10W 10K	1						
R6402	ERJ2RKD330	M.RESISTOR CH 1/16W 33	1						
R6403	ERJ2GEJ101	M.RESISTOR CH 1/10W 100	1						
R6412	ERJ3GEYJ390	M.RESISTOR CH 1/10W 39	1						
R6413	ERJ3GEYJ390	M.RESISTOR CH 1/10W 39	1						
R6416	ERJ2GEJ473Y	M.RESISTOR CH 1/10W 47K	1						
R6417	ERJ2GEJ472	M.RESISTOR CH 1/10W 4.7K	1						
##	VEP06G62A	HOLL FPC UNIT		(RTL) E.S.D.					
C2801	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1						
IC2801	B4ABC0000050	IC	1	E.S.D.					
##	VEP04976A	MIC AMP P.C.B. UNIT		(RTL) E.S.D.					
⚠ B6401	ML-614S/ZTK	BATTERY	1	[ENERGY]					
C4803	F1G1A473A032	C.CAPACITOR CH 10V 0.047U	1						
C4804	F1G1H680A644	C.CAPACITOR CH 50V 68P	1						
C4809	F1G1A473A032	C.CAPACITOR CH 10V 0.047U	1						
C4810	F1G1H680A644	C.CAPACITOR CH 50V 68P	1						
C4813	F1G1H471A640	C.CAPACITOR CH 50V 470P	1						
C4815	F1G1H471A640	C.CAPACITOR CH 50V 470P	1						
C4816	F3F0J226A032	T.CAPACITOR CH 6.3V 22U	1						
C4817	F3F0J226A032	T.CAPACITOR CH 6.3V 22U	1						
C4818	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1						

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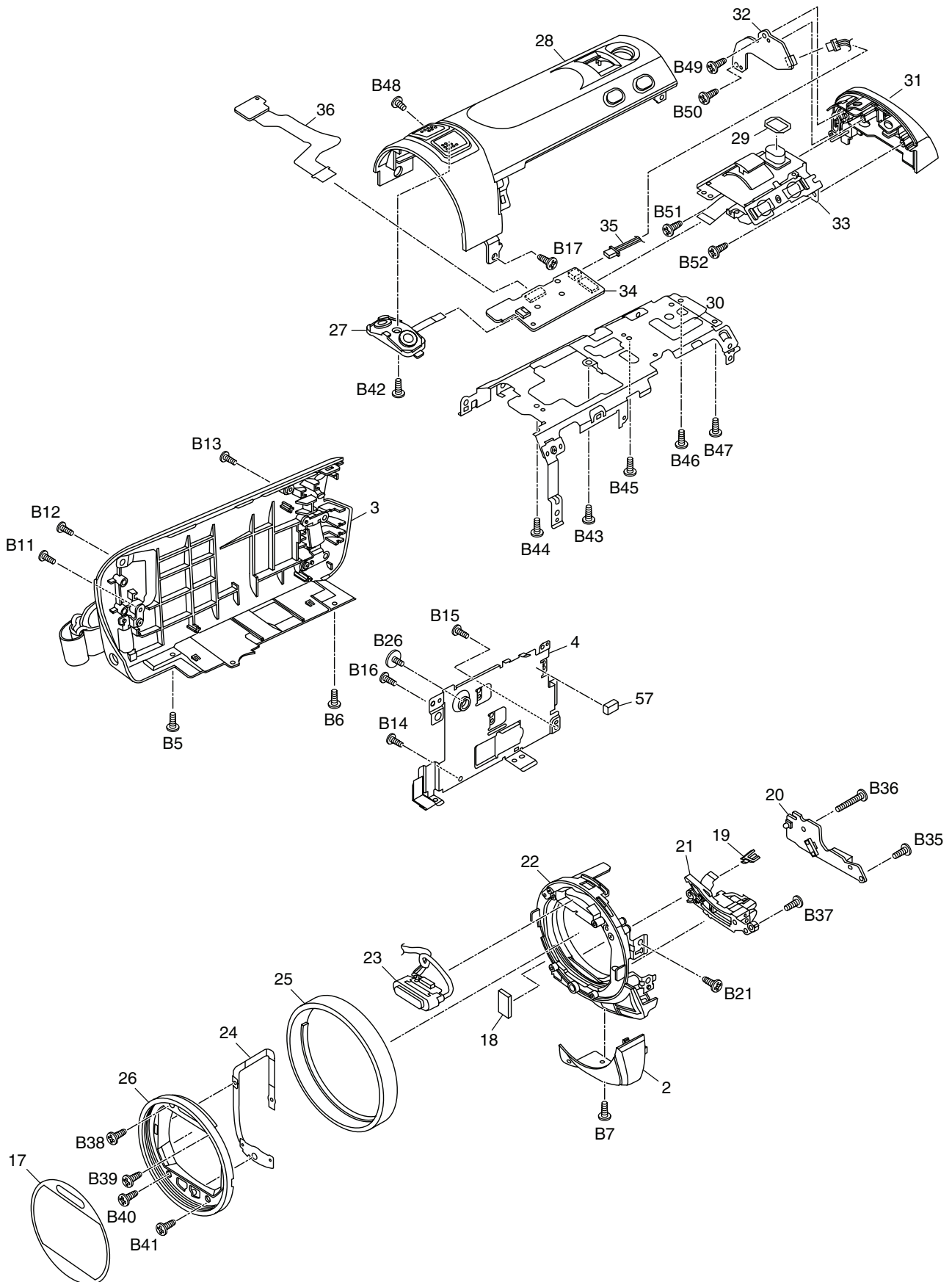
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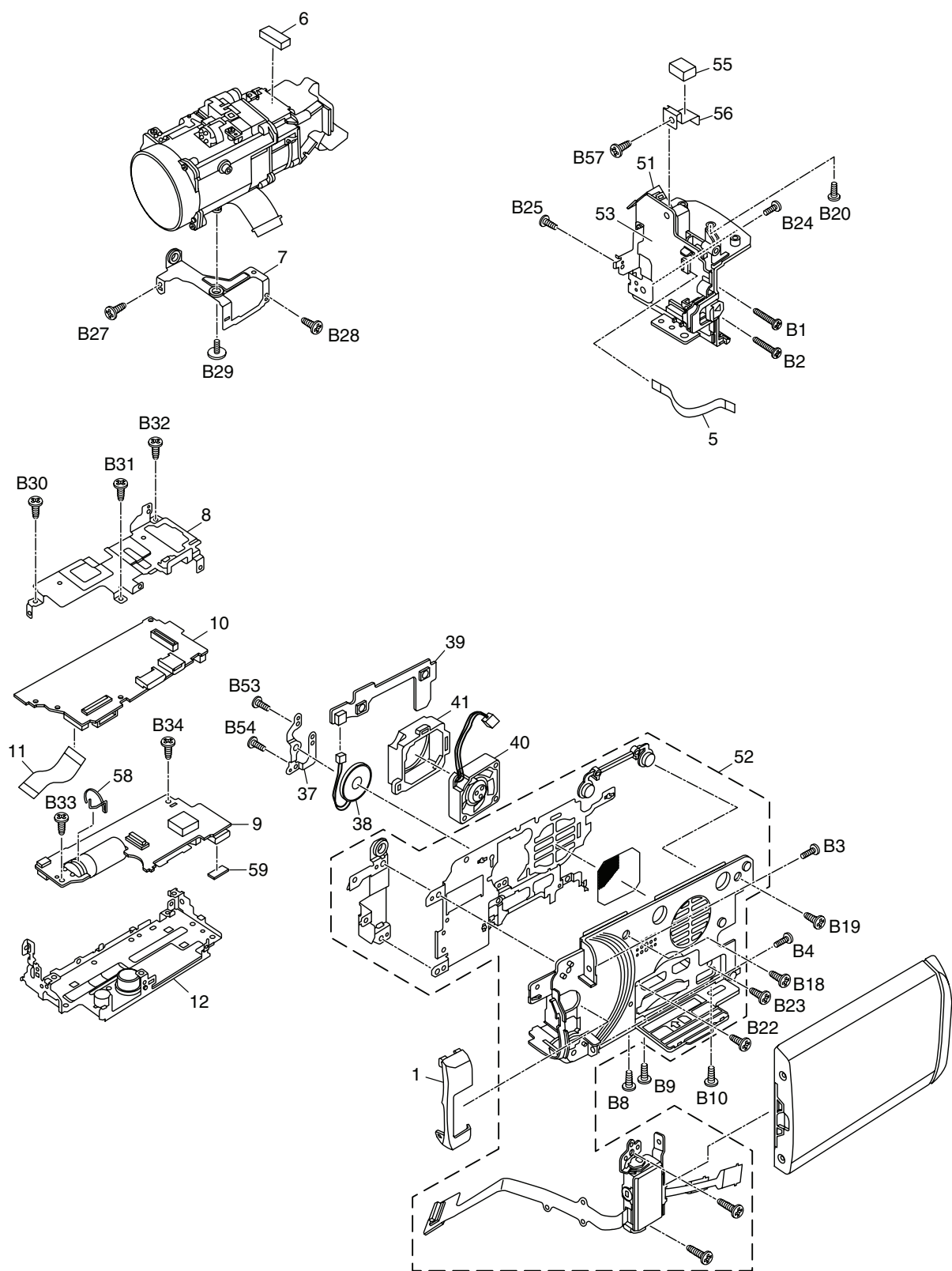
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S7. Exploded View

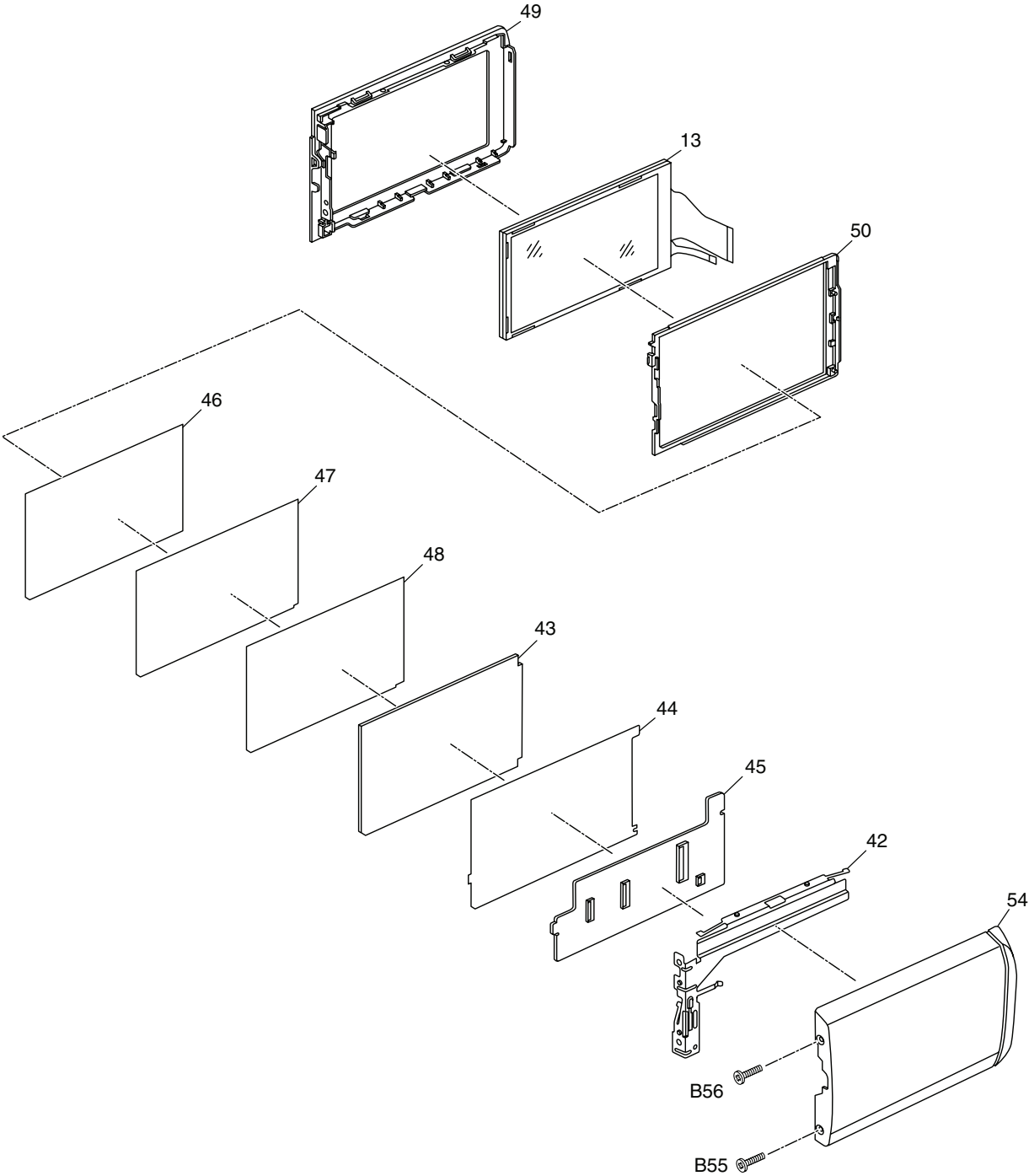
S7.1. Frame and Casing Section (1)



S7.2. Frame and Casing Section (2)



S7.3. LCD Section



This diagram is an exploded view of a mechanical assembly, showing various components and their assembly points. The components are labeled with numbers and letters:

- 201**: Main housing or frame.
- 202**: Small screw or fastener.
- 203**: Large bracket or support structure.
- 204**: Long, thin component, possibly a spring or rod.
- 205**: Small component, possibly a pin or clip.
- 206**: Small component, possibly a pin or clip.
- 207**: Small component, possibly a pin or clip.
- 208**: Long, thin rod or shaft.
- 209**: Long, thin rod or shaft.
- 210**: Long, thin rod or shaft.
- 211**: Long, thin rod or shaft.
- 212**: Small component, possibly a pin or clip.
- 213**: Small component, possibly a pin or clip.
- 214**: Small component, possibly a pin or clip.
- 215**: Small component, possibly a pin or clip.
- 216**: Small component, possibly a pin or clip.
- 217**: Small component, possibly a pin or clip.
- 218**: Small component, possibly a pin or clip.
- 219**: Small component, possibly a pin or clip.
- 220**: Small component, possibly a pin or clip.
- 221**: Small component, possibly a pin or clip.
- B201**: Screw or fastener.
- B202**: Screw or fastener.
- B203**: Screw or fastener.
- B204**: Screw or fastener.
- B205**: Screw or fastener.
- B206**: Screw or fastener.
- B207**: Screw or fastener.
- B208**: Screw or fastener.
- B209**: Screw or fastener.
- B210**: Screw or fastener.
- B211**: Screw or fastener.
- B212**: Screw or fastener.
- B213**: Screw or fastener.
- B214**: Screw or fastener.
- B215**: Screw or fastener.

S7.5. Packing Parts and Accessories Section

