

Service Manual

Digital Camera

LUMIX



Model No. **DMC-FZ150P**

DMC-FZ150PC

DMC-FZ150PU

DMC-FZ150EB

DMC-FZ150EE

DMC-FZ150EF

DMC-FZ150EG

DMC-FZ150EP

DMC-FZ150GC

DMC-FZ150GD

DMC-FZ150GK

DMC-FZ150GN

DMC-FZ150GT

Vol. 1

Colour

(K).....Black Type

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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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.
 5. Supply of CD-ROM, in accordance with license protection, is allowable as replacement parts only for customers who accidentally damaged or lost their own.

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

Definition of Parts supplier:

1. Parts marked with [ENERGY] in the remarks column are supplied from Panasonic Corporation Energy Company.
2. Parts marked with [PAVCSG] in the remarks column are supplied from PAVCSG. Others are supplied from AVC-CSC-SPC.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
##	VEP56145B	MAIN P.C.B.	1	(RTL) E.S.D. EG,EP,EF,EB
##	VEP56145A	MAIN P.C.B.	1	(RTL) E.S.D. P,PC,PU,EE,GC,GT,GK,GN,GD
##	VEP58158A	FLASH P.C.B.	1	(RTL) E.S.D.
##	VEP58158A	FLASH P.C.B.		(RTL) E.S.D.
C8001	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
C8002	F1K2J223A0029	C.CAPACITOR 630V 0.022U	1	
△ C8003	F9Z0000000038	E.CAPACITOR	1	
C8006	F1K2J223A0029	C.CAPACITOR 630V 0.022U	1	
C8007	F1G1H270A565	C.CAPACITOR CH 50V 27	1	
C8009	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
D8001	B0ECGP000006	DIODE	1	E.S.D.
D8002	B0ECFR000003	DIODE	1	E.S.D.
D8011	B3ADB0000142	DIODE	1	E.S.D.
△ F8001	K5H152YA0080	FUSE 1.5A	1	
IC8101	C0ZBZ0001817	IC	1	E.S.D.
P8003	K1KA02B00292	CONNECTOR 2P	1	
P8004	K1KA02BA0022	CONNECTOR 2P	1	
PP8001	K1KA20BA0052	CONNECTOR 20P	1	
Q8001	B1JBLP000022	TRANSISTOR	1	E.S.D.
R8002	ERJ3GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R8003	ERJ3GEYJ680	M.RESISTOR CH 1/10W 68	1	
R8005	ERJ6GEYJ514V	M.RESISTOR CH 1/8W 510K	1	
R8006	ERJ6GEYJ514V	M.RESISTOR CH 1/8W 510K	1	
R8013	ERJ2RHD1621	M.RESISTOR CH 1/16W 1620	1	
R8021	ERJ2GEJ473Y	M.RESISTOR CH 1/10W 47K	1	
R8032	D1BD4703A119	RESISTOR	1	
R8033	ERJ8GEYJ104V	M.RESISTOR CH 1/4W 100K	1	
T8001	G5DYA0000137	TRANSFORMER	1	

[illegible][illegible]

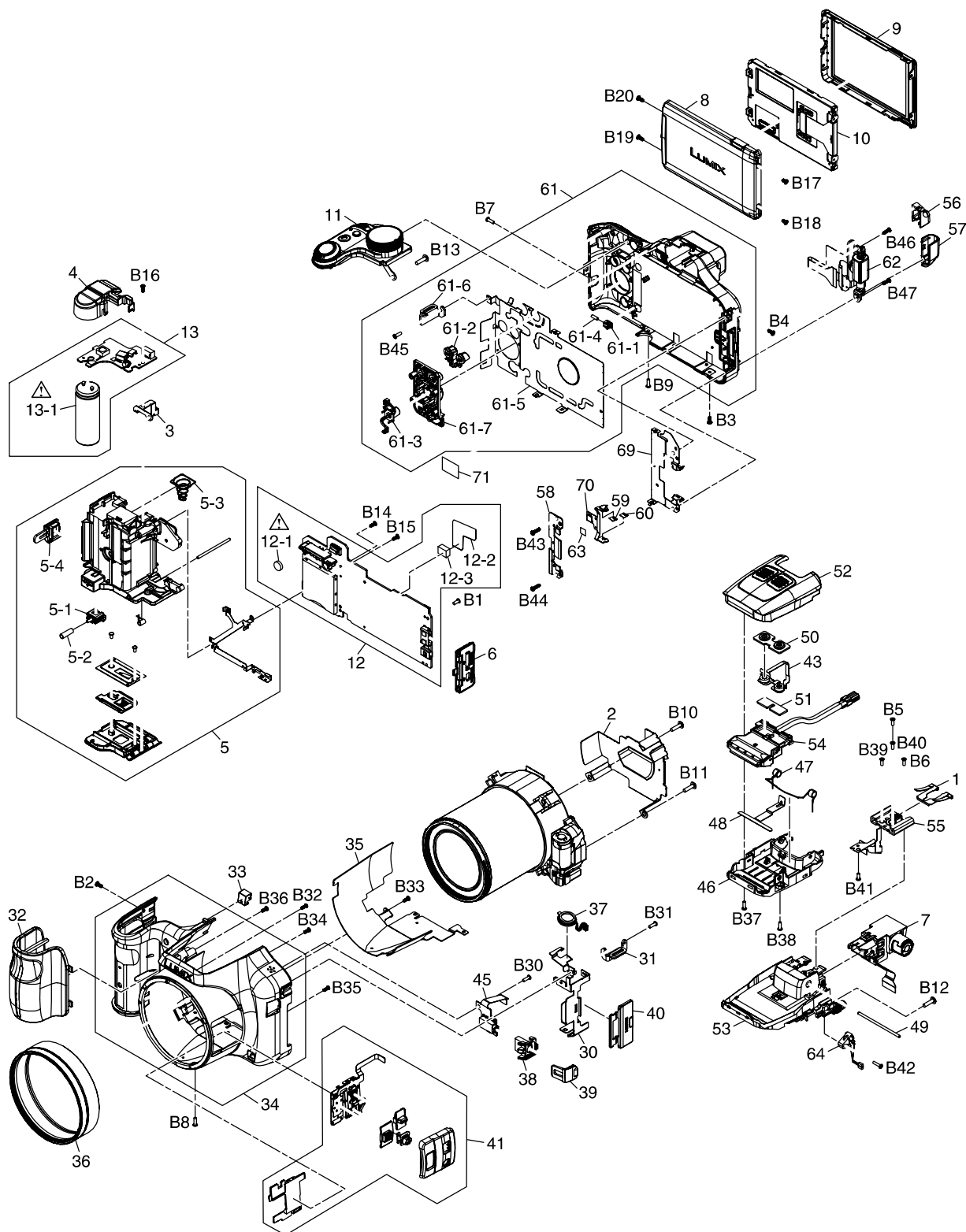
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[illegible]

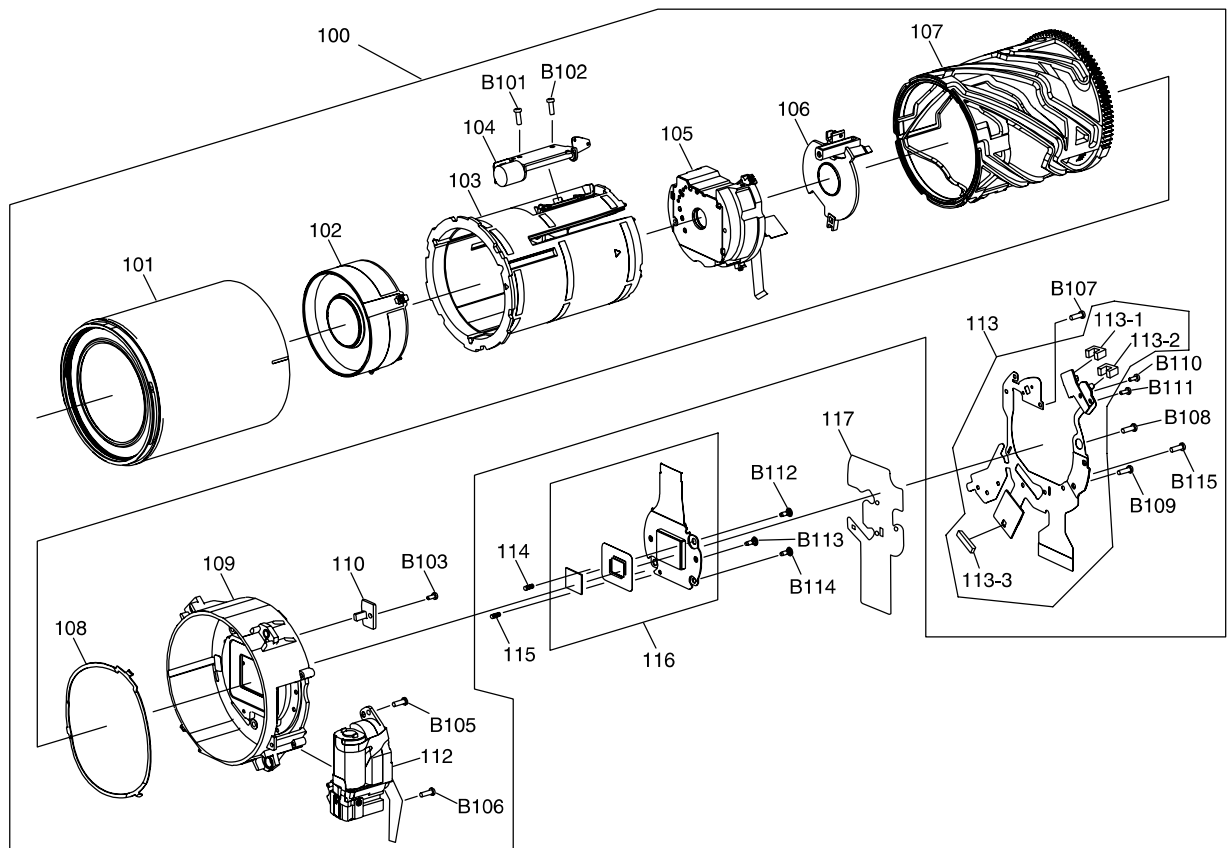
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
△ 200	----	BATTERY	1	P,PC,PU,EG,EP,EF,EB,EE, GC,GT,GN,GD,GK	213	VQC8614	O/I SOFTWARE (ENGLISH/CANADIAN FRENCH)	1	P,PC
△ 201	DE-A84AB	BATTERY CHARGER	1	EG,EP,EF,EB,EE,GN	213	VQC8615	O/I SOFTWARE (SPANISH/PORTUGUESE)	1	PU
△ 201	DE-A83BA	BATTERY CHARGER	1	P,PC,PU	213	VQC8617	O/I SOFTWARE (FINNISH/SWEDISH/DANISH/ POLISH/CZECH/HUNGARIAN)	1	EP
△ 201	DE-A84BA	BATTERY CHARGER	1	GC,GK,GD	213	VQC8618	O/I SOFTWARE (FRENCH)	1	EF
△ 201	DE-A84CA	BATTERY CHARGER	1	GT	213	VQC8619	O/I SOFTWARE (ENGLISH)	1	EB,GN
202	K1HY08YY0017	USB CABLE W/PLUG	1	P,PC,PU,EG,EP,EF,EB,EE, GC,GT,GN,GD,GK	213	VQC8620	O/I SOFTWARE (RUSSIAN/UKRAINIAN)	1	EE
△ 203	VFF0856	CD-ROM (INSTRUCTION BOOK)	1	EG,EP,EF,EB	213	VQC8621	O/I SOFTWARE (ENGLISH/ CHINESE(TRADITIONAL)/ ARABIC/PERSIAN)	1	GC
△ 203	VFF0855	CD-ROM (INSTRUCTION BOOK)	1	P,PC,PU	213	VQC8622	O/I SOFTWARE (CHINESE(TRADITIONAL))	1	GT
△ 203	VFF0857	CD-ROM (INSTRUCTION BOOK)	1	EE	213	VQC8623	O/I SOFTWARE (CHINESE(SIMPLIFIED))	1	GK
△ 203	VFF0858	CD-ROM (INSTRUCTION BOOK)	1	GC,GN	213	VQC8582	O/I SOFTWARE (KOREAN)	1	GD
△ 203	VFF0859	CD-ROM (INSTRUCTION BOOK)	1	GT,GD	214	VQL2C67	OPERATING LABEL	1	PC
△ 203	VFF0860	CD-ROM (INSTRUCTION BOOK)	1	GK	214	VQL2C68-1	OPERATING LABEL	1	GT
204	VFC4453	SHOULDER STRAP	1	P,PC,PU,EG,EP,EF,EB,EE, GC,GT,GN,GD,GK	215	VFF0846-S	CD-ROM(OVERSEA)	1	EG,EP,EF,EB,EE,GC,GT,GN, GD,P,PC,PU
205	VYQ5607	LENS CAP UNIT	1	P,PC,PU,EG,EP,EF,EB,EE, GC,GT,GN,GD,GK					See "Notes"
206	VYQ7134	LENS HOOD UNIT	1	P,PC,PU,EG,EP,EF,EB,EE, GC,GT,GN,GD,GK	215	VFF0847-S	CD-ROM(CHINA)	1	GK
207	VPF1166	CAMERA BAG	1	P,PC,PU,EG,EP,EF,EB,EE, GC,GT,GN,GD,GK					See "Notes"
208	VYQ7016	PACKING CASE	1	GT,GD,PU	△ 250	K2CT39A00002	AC CORD W/PLUG	1	EB,GC
208	VPK5089	PACKING CASE	1	EG,EP,EF,EB,EE,GC,GN	△ 251	K2CQ29A00002	AC CORD W/PLUG	1	EG,EP,EF,EE,GC
208	VPK5088	PACKING CASE	1	P,PC	△ 251	K2CR29A00001	AC CORD W/PLUG	1	GD
208	VYQ7017	PACKING CASE	1	GK	△ 252	K2CJ29A00002	AC CORD W/PLUG	1	GN
209	VPN7279	CUSHION	1	P,PC,PU,EG,EP,EF,EB,EE, GC,GT,GN,GD,GK	△ 253	K2CA29A00021	AC CORD W/PLUG	1	GT
211	VPF1230	BAG, POLYETHYLENE	1	P,PC,PU,EG,EP,EF,EB,EE, GC,GT,GN,GD,GK	△ 253	K2CA2YY00070	AC CORD W/PLUG	1	GK
△ 212	VQT3S58	BASIC O/I (GERMAN/FRENCH)	1	EG					
△ 212	VQT3S59	BASIC O/I (ITALIAN/DUTCH)	1	EG					
△ 212	VQT3S60	BASIC O/I (SPANISH/PORTUGUESE)	1	EG					
△ 212	VQT3S61	BASIC O/I (TURKISH)	1	EG					
△ 212	VQT3S55	BASIC O/I (ENGLISH/SPANISH)	1	P					
△ 212	VQT3S56	BASIC O/I (ENGLISH/CANADIAN FRENCH)	1	PC					
△ 212	VQT3S57	BASIC O/I (SPANISH/PORTUGUESE)	1	PU					
△ 212	VQT3S62	BASIC O/I (SWEDISH/DANISH)	1	EP					
△ 212	VQT3S63	BASIC O/I (POLISH/CZECH)	1	EP					
△ 212	VQT3S64	BASIC O/I (HUNGARIAN/FINNISH)	1	EP					
△ 212	VQT3S65	BASIC O/I (FRENCH)	1	EF					
△ 212	VQT3S66	BASIC O/I (ENGLISH)	1	EB					
△ 212	VQT3S67	BASIC O/I (RUSSIAN/UKRAINIAN)	1	EE					
△ 212	VQT3S68	BASIC O/I (ENGLISH/ CHINESE(TRADITIONAL))	1	GC					
△ 212	VQT3S69	BASIC O/I (ARABIC/PERSIAN)	1	GC					
△ 212	VQT3S70	BASIC O/I (VIETNAMESE)	1	GC					
△ 212	VQT3S71	BASIC O/I (CHINESE(TRADITIONAL))	1	GT					
△ 212	VQT3S72	BASIC O/I (CHINESE(SIMPLIFIED))	1	GK					
△ 212	VQT3S73	BASIC O/I (ENGLISH)	1	GN					
△ 212	VQT3S74	BASIC O/I (KOREAN)	1	GD					
213	VQC8616	O/I SOFTWARE (GERMAN/FRENCH/ITALIAN/ DUTCH/SPANISH/ PORTUGUESE/TURKISH)	1	EG					

S7. Exploded View

S7.1. Frame and Casing Section



S7.2. Camera Lens Section



S7.3. Packing Parts and Accessories Section

