

SONY®

Mount Adapter

LA-FZB2

LA-FZB1

SERVICE MANUAL

1st Edition

警告

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理などを行うと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

WARNING

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

AVERTISSEMENT

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

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Manual Structure

Purpose of this manual

This manual describes the information items that premise the service based on the components parts assuming use of system and service engineers.

Related manuals

The following manuals are available in this model.

If this manual is required, please contact your local Sony Sales Office/Service Center.

- Operation Guide (Supplied with the unit)

This manual is necessary for application and operation of the unit.

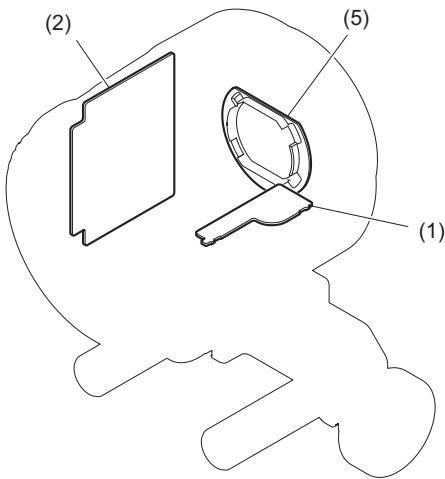
Section 1

Replacement of Main Parts

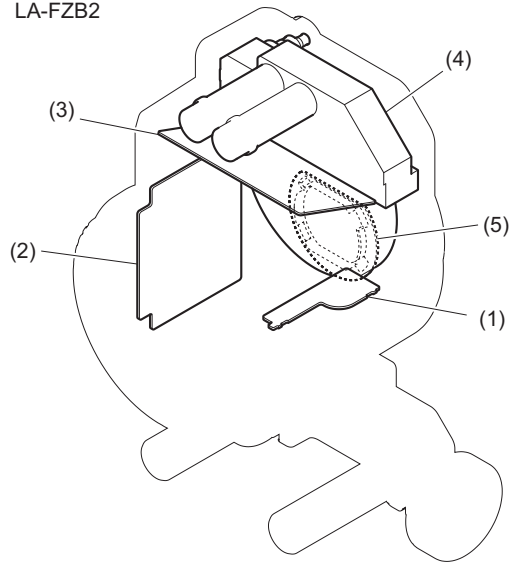
1-1. Location of Main Parts

No.	Part Name
(1)	CN-3621
(2)	IFC-18
(3)	Filter Servo Board
(4)	Filter Disk Unit
(5)	CV Cover Glass Assembly

LA-FZB1



LA-FZB2



Note

- Do not touch the lens and filter with bare hands.
- If dust or foreign matter adheres to the lens surface and the filter surface, blow it off with a commercially available blower. If fingerprints are left on the lens surface and the filter surface, remove them with a commercially available cleaning cloth.

1-2. Tightening Torque

Torque driver and screw tightening torque

General screws are used in this unit. Be sure to use a torque driver and tighten screws to the specified tightening torque.

Tightening Torque

M1.7 (+) screw: $0.10 \pm 0.02 \text{ N}\cdot\text{m}$

M2 (+) screw: $0.20 \pm 0.02 \text{ N}\cdot\text{m}$

M3 (+) screw: $0.80 \pm 0.02 \text{ N}\cdot\text{m}$

Tip

- When using the torque driver with the notation of $\text{cN}\cdot\text{m}$, interpret it as follows.
Example: $0.8 \text{ N}\cdot\text{m} = 80 \text{ cN}\cdot\text{m}$
- Since small screws are used in the unit, they may fall into the unit when they are removed and installed. To prevent screws from falling, it is recommended that the bit of each torque driver be magnetized to a degree that prevents screws from falling.

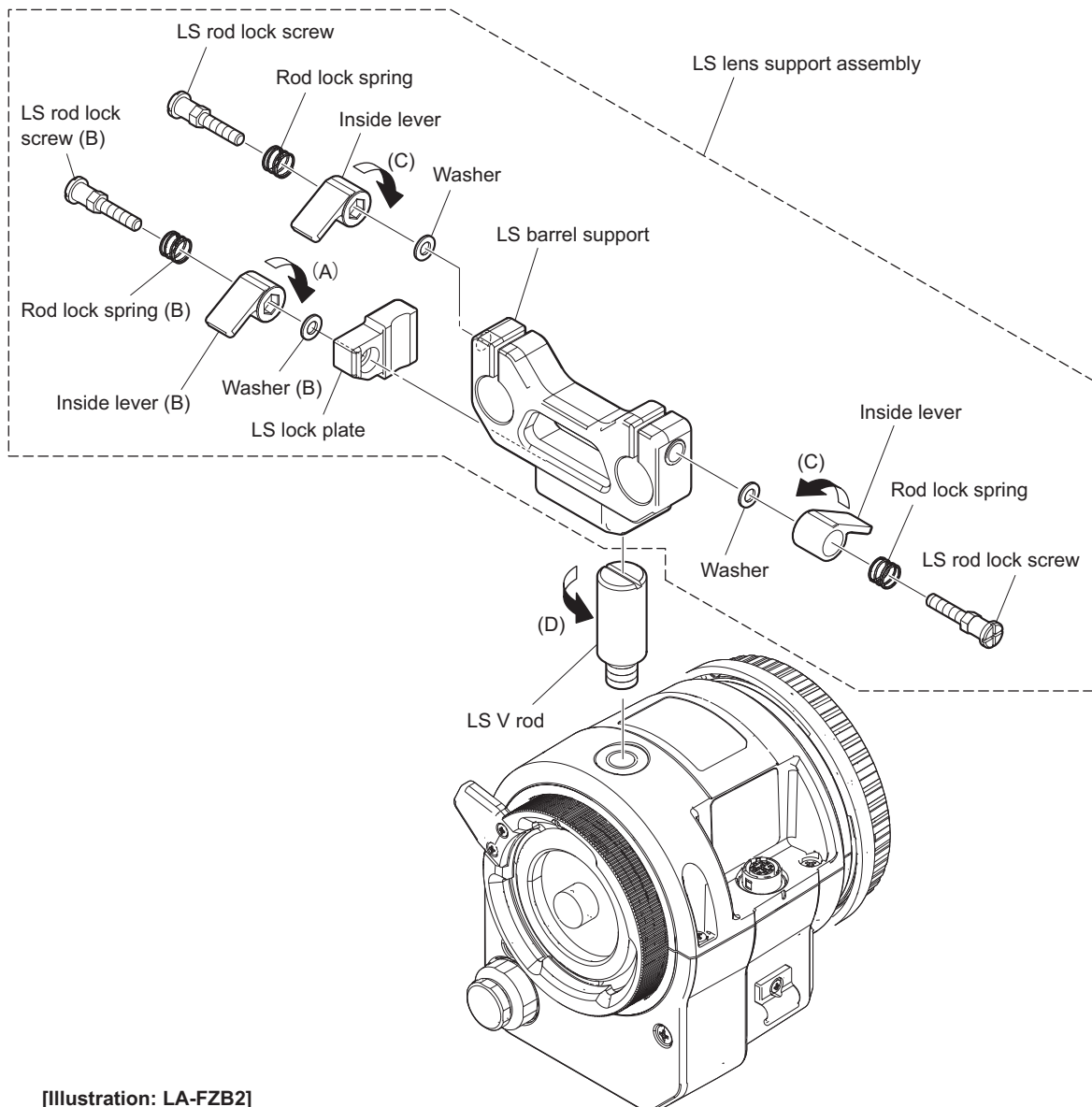
1-3. LS Lens Support Assembly

Procedure

1. Rotate the inside lever (B) in the direction of the arrow (A) to detach the LS lens support assembly.
2. Remove the LS rod lock screw (B) to detach the rod lock spring (B), inside lever (B), washer (B), and LS lock plate.
3. Remove the two LS rod lock screws to detach the two rod lock springs, two inside levers, and two washers.
4. Rotate the LS V rod in the direction of the arrow (D) and remove it.

Tip

Inside levers are used at three locations in the same parts structure.



[Illustration: LA-FZB2]

5. Install the removed parts by reversing the steps of removal.

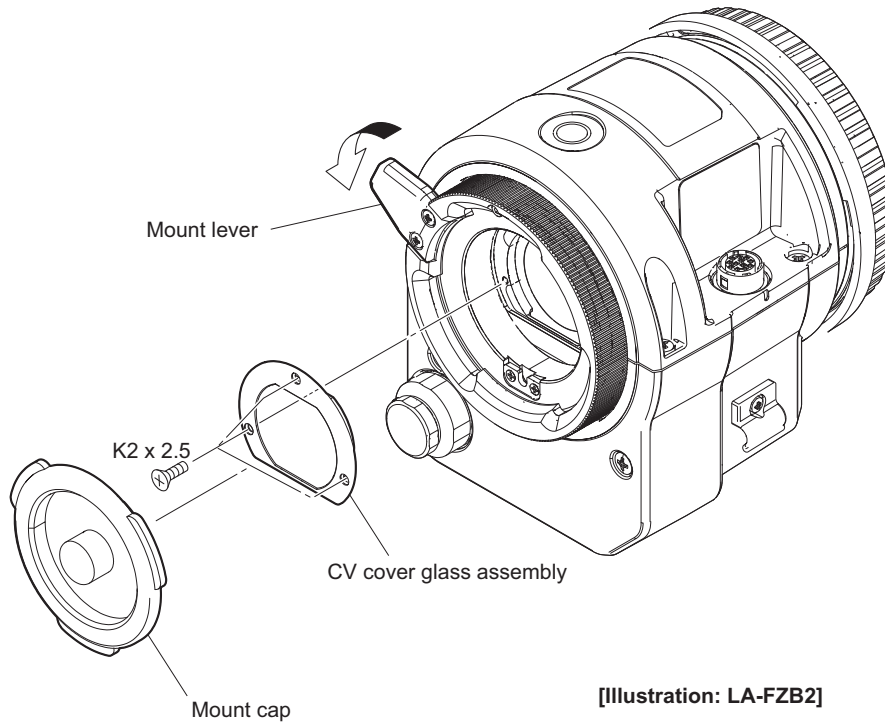
1-4. CV Cover Glass Assembly

Preparation

1. Remove the LS lens support assembly. (Refer to “1-3. LS Lens Support Assembly”)

Procedure

1. Rotate the mount lever in the direction of the arrow to detach the mount cap.
2. Remove the three screws to detach the CV cover glass assembly.



3. Install the removed parts by reversing the steps of removal.

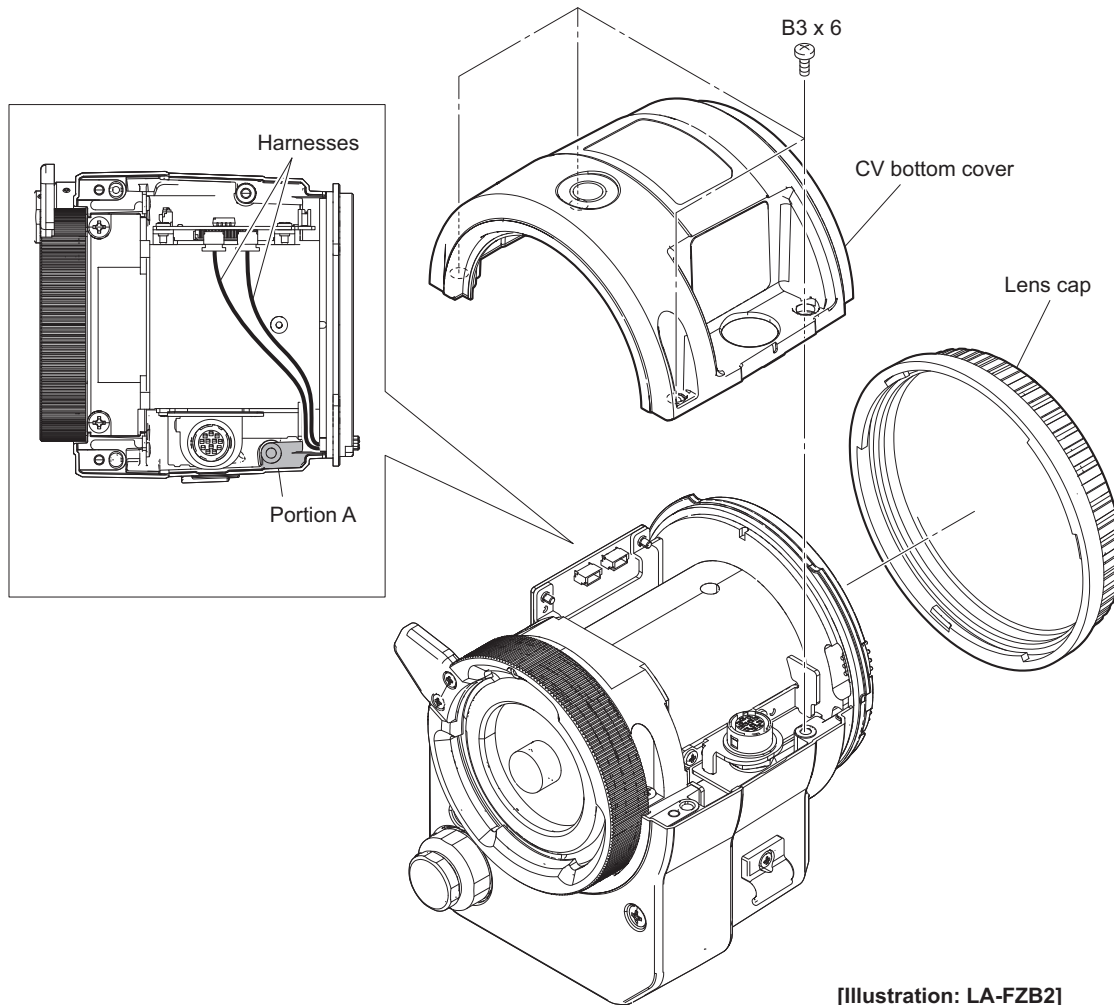
1-5. CV Bottom Cover

Preparation

1. Remove the LS lens support assembly. (Refer to “1-3. LS Lens Support Assembly”)

Procedure

1. Remove the lens cap.
2. Remove the four screws to detach the CV bottom cover.



Note

When installing the CV bottom cover, be careful so that the harness will not be caught at the portion A.

3. Install the removed parts by reversing the steps of removal.

1-6. Optical Unit Assembly

Preparation

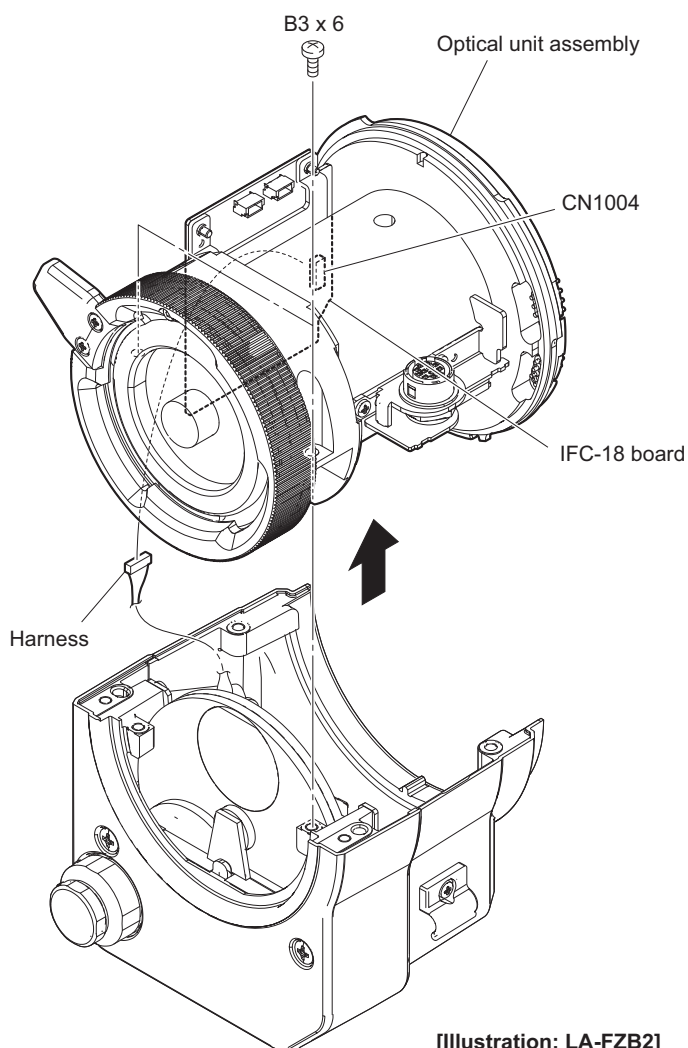
1. Remove the LS lens support assembly. (Refer to “1-3. LS Lens Support Assembly”)
2. Remove the CV bottom cover. (Refer to “1-5. CV Bottom Cover”)

Procedure

1. Remove the two screws and lift up the optical unit assembly in the direction of the arrow.
2. Disconnect the harness from the connector (CN1004) on the IFC-18 board and remove the optical unit assembly.

Note

- When replacing optical components, prevent dust and foreign matters from entering.
- The harness is connected in the optical unit assembly. When removing the optical unit assembly, be careful not to damage harness connected to the optical unit assembly.



[Illustration: LA-FZB2]

3. Install the removed parts by reversing the steps of removal.

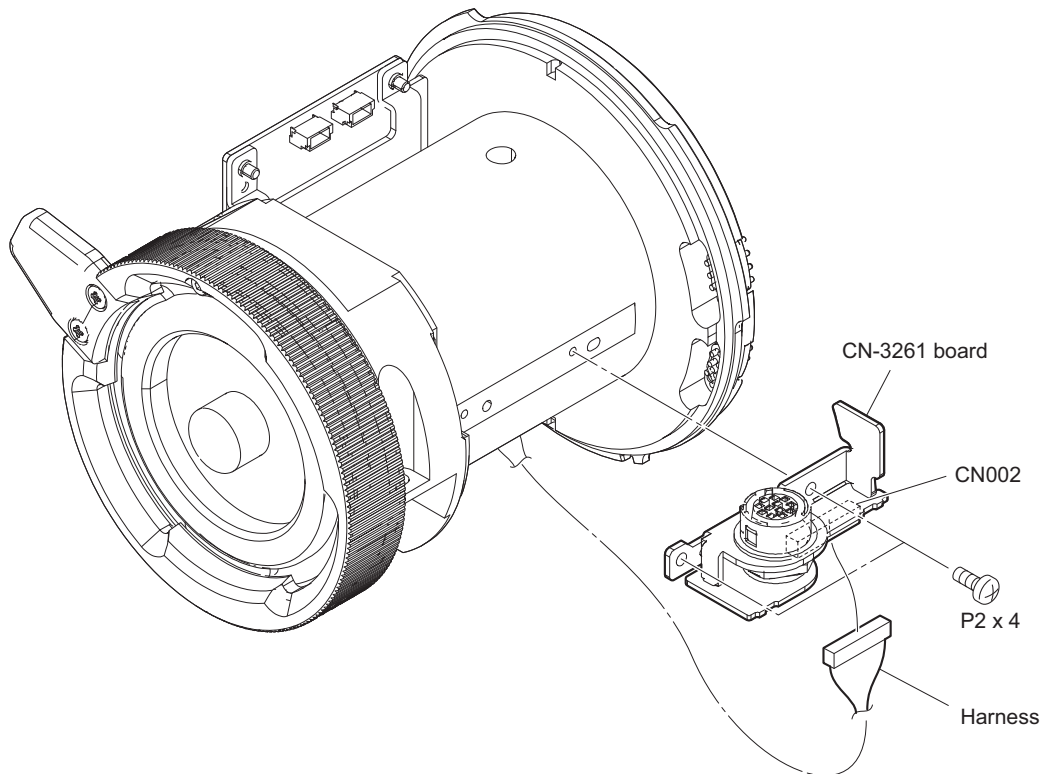
1-7. CN-3261 Board

Preparation

1. Remove the LS lens support assembly. (Refer to “1-3. LS Lens Support Assembly”)
2. Remove the CV bottom cover. (Refer to “1-5. CV Bottom Cover”)
3. Remove the optical unit assembly. (Refer to “1-6. Optical Unit Assembly”)

Procedure

1. Remove the two screws to detach the CN-3261 board.
2. Disconnect the harness from the connector (CN002) on the CN-3261 board.



3. Install the removed parts by reversing the steps of removal.

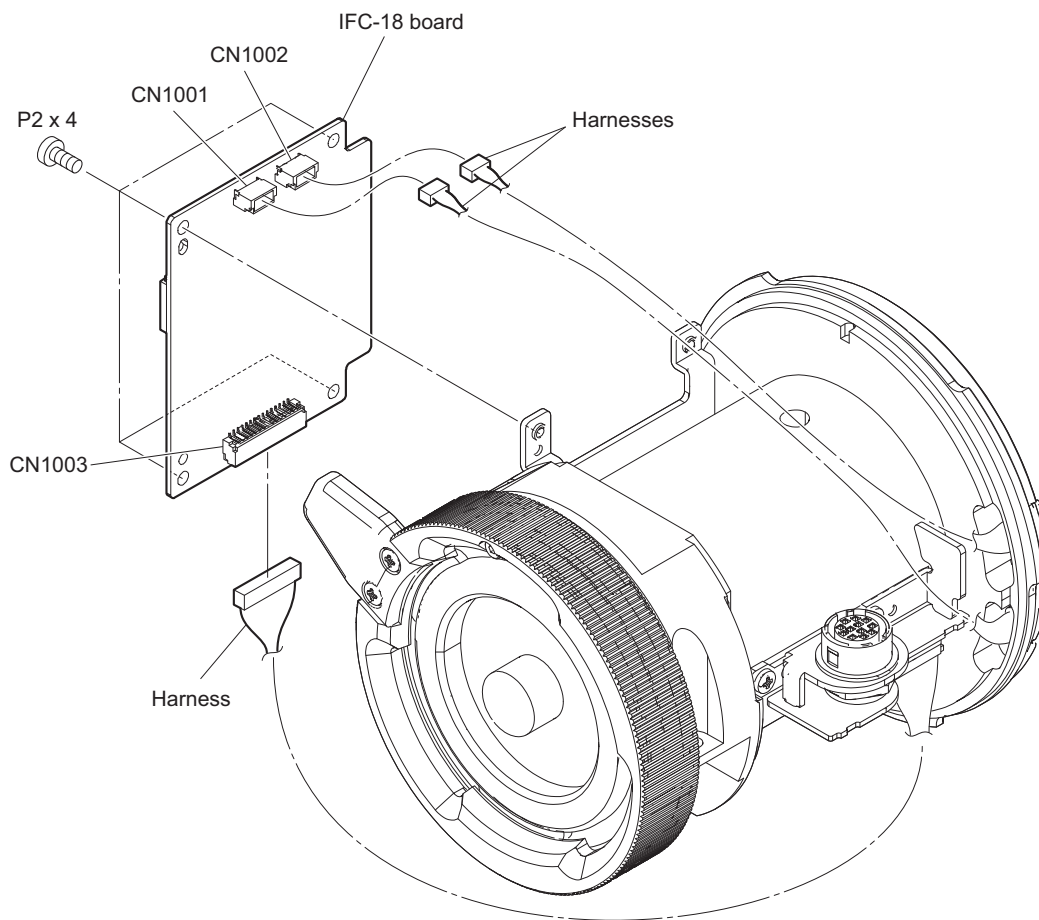
1-8. IFC-18 Board

Preparation

1. Remove the LS lens support assembly. (Refer to “1-3. LS Lens Support Assembly”)
2. Remove the CV bottom cover. (Refer to “1-5. CV Bottom Cover”)
3. Remove the optical unit assembly. (Refer to “1-6. Optical Unit Assembly”)

Procedure

1. Remove the four screws to detach the IFC-18 board.
2. Disconnect the harness from the connector (CN1003) on the IFC-18 board.
3. Disconnect the two harnesses from the two connectors (CN1001, CN1002) on the IFC-18 board.



Note

When reconnecting the harnesses, connect correct connectors.

4. Install the removed parts by reversing the steps of removal.

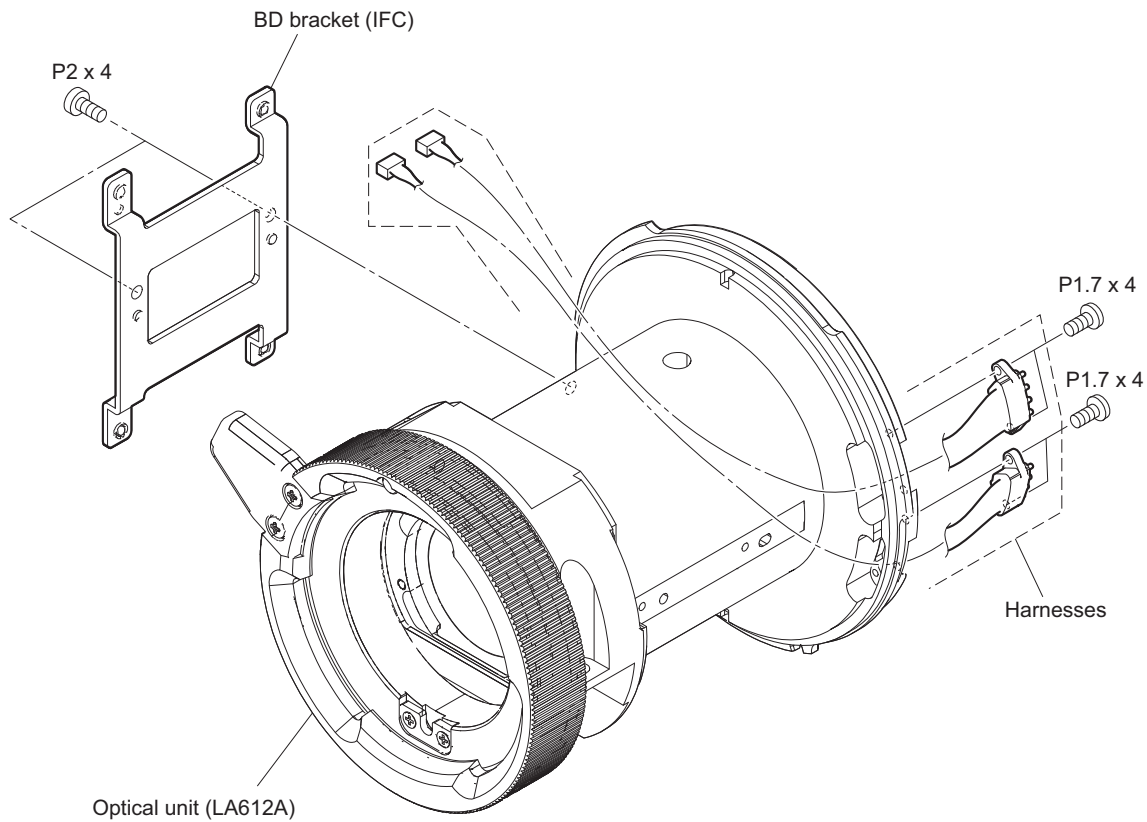
1-9. Optical Unit (LA612A)

Preparation

1. Remove the LS lens support assembly. (Refer to “1-3. LS Lens Support Assembly”)
2. Remove the CV cover glass assembly. (Refer to “1-4. CV Cover Glass Assembly”)
3. Remove the CV bottom cover. (Refer to “1-5. CV Bottom Cover”)
4. Remove the optical unit assembly. (Refer to “1-6. Optical Unit Assembly”)
5. Remove the CN-3261 board. (Refer to “1-7. CN-3261 Board”)
6. Remove the IFC-18 board. (Refer to “1-8. IFC-18 Board”)

Procedure

1. Remove the two screws (P2 x 4) to detach the BD bracket (IFC).
2. Remove the four screws (P1.7 x 4) to detach the two harnesses.



3. Install the removed parts by reversing the steps of removal.

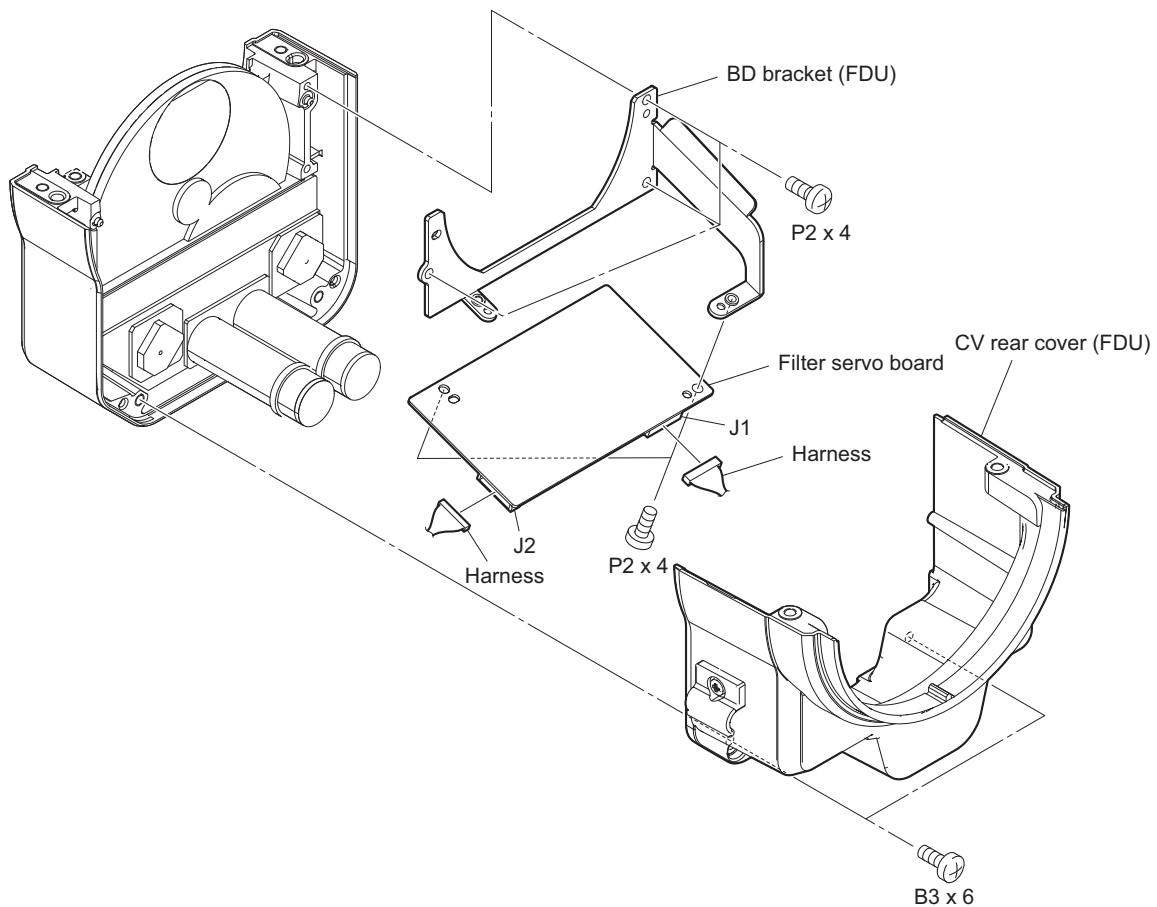
1-10. Filter Servo Board (LA-FZB2 only)

Preparation

1. Remove the LS lens support assembly. (Refer to “1-3. LS Lens Support Assembly”)
2. Remove the CV bottom cover. (Refer to “1-5. CV Bottom Cover”)
3. Remove the optical unit assembly. (Refer to “1-6. Optical Unit Assembly”)

Procedure

1. Remove the two screws (B3 x 6) to detach the CV rear cover (FDU).
2. Disconnect the harness from the connector (J2) on the filter servo board.
3. Remove the three screws (P2 x 4) to detach the BD bracket (FDU).
4. Remove the two screws (P2 x 4) to detach the filter servo board.
5. Disconnect the harness from the connector (J1) on the filter servo board.



6. Install the removed parts by reversing the steps of removal.

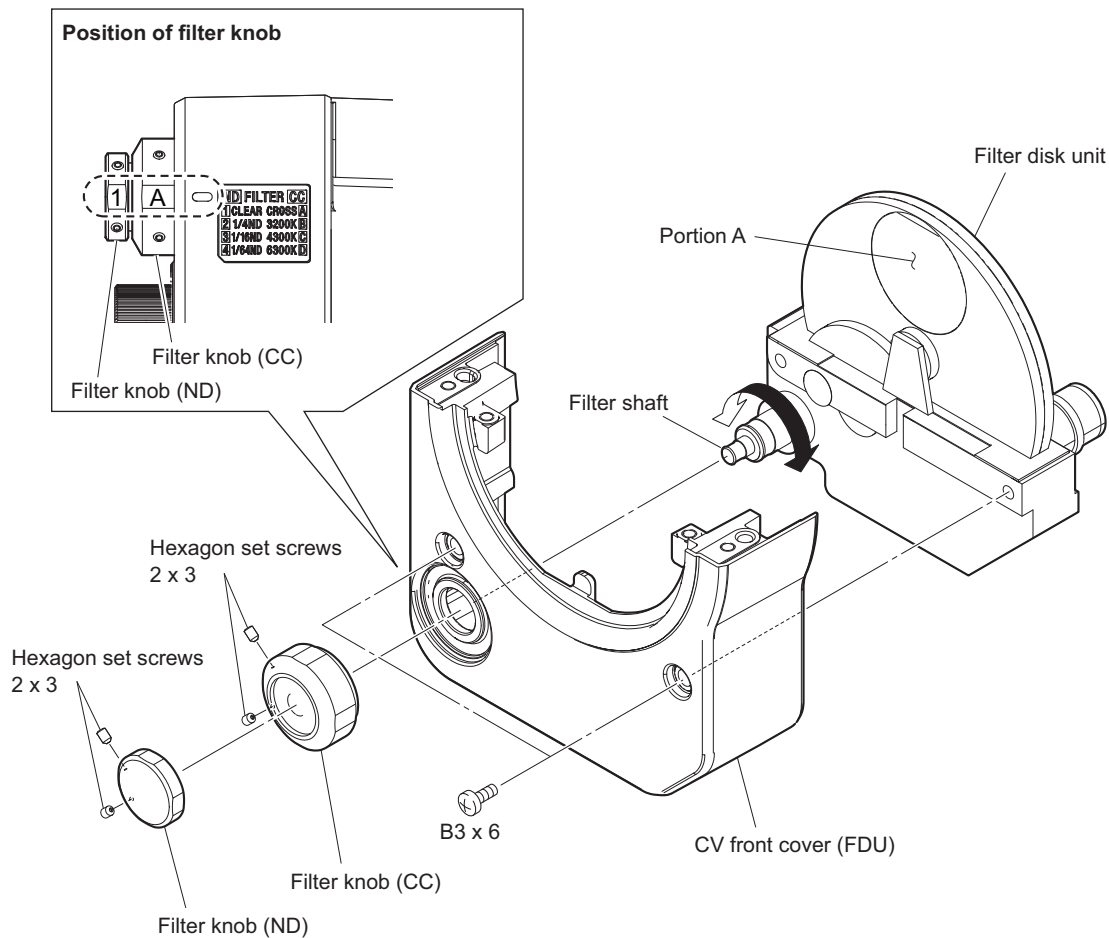
1-11. Filter Disk Unit (LA-FZB2 only)

Preparation

1. Remove the LS lens support assembly. (Refer to “1-3. LS Lens Support Assembly”)
2. Remove the CV bottom cover. (Refer to “1-5. CV Bottom Cover”)
3. Remove the optical unit assembly. (Refer to “1-6. Optical Unit Assembly”)
4. Remove the BD bracket (FDU). (Refer to “1-10. Filter Servo Board (LA-FZB2 only)”)

Procedure

1. Remove the two hexagon set screws (2 x 3) to detach the filter knob (ND).
2. Remove the two hexagon set screws (2 x 3) to detach the filter knob (CC).
3. Remove the two screws (B3 x 6) to detach the filter disk unit.



Note

When installing the filter disk unit, turn the filter shaft so that the transparent filter aligns with the cross filter at portion A.

4. Install the removed parts by reversing the steps of removal.

Section 2

Spare Parts

2-1. Note on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked △ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.

3. Stock of Parts

Parts marked with “o” at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. Harness

Harnesses with no part number are not registered as spare parts.

1. 安全重要部品

△警告

△印のついた部品は安全性を維持するために重要な部品です。したがって、交換する時は必ず指定の部品を使ってください。

2. 部品の共通化

ソニーから供給する補修用部品は、セットに使われているものと異なることがあります。これは部品の共通化、改良等によるものです。

3. 部品の在庫

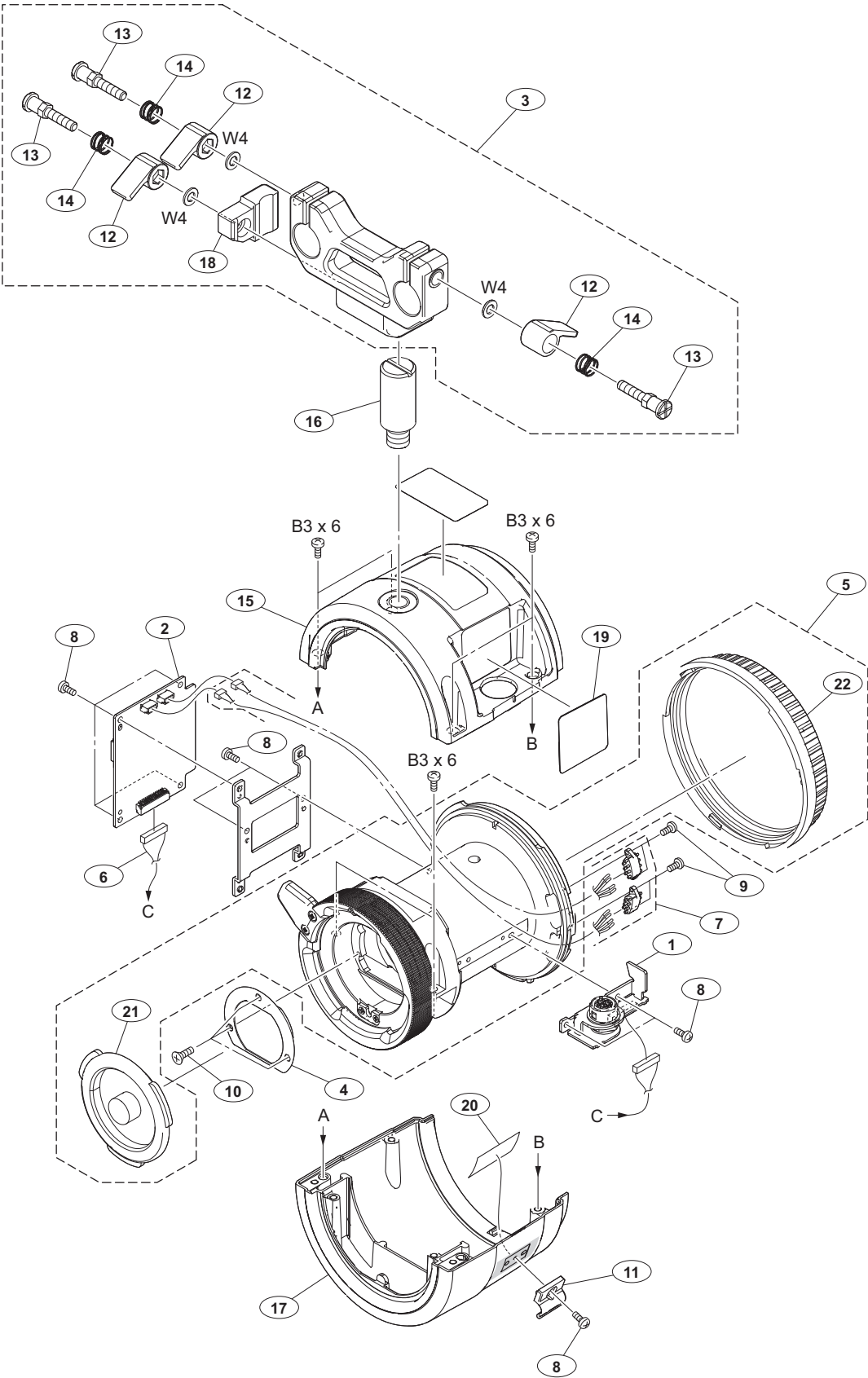
部品表の SP (Supply code) 欄に “o” で示される部品は在庫していないことがあります。納期が長くなる場合があります。

4. ハーネス

部品番号の記載されていないハーネスは、サービス部品として登録されていません。

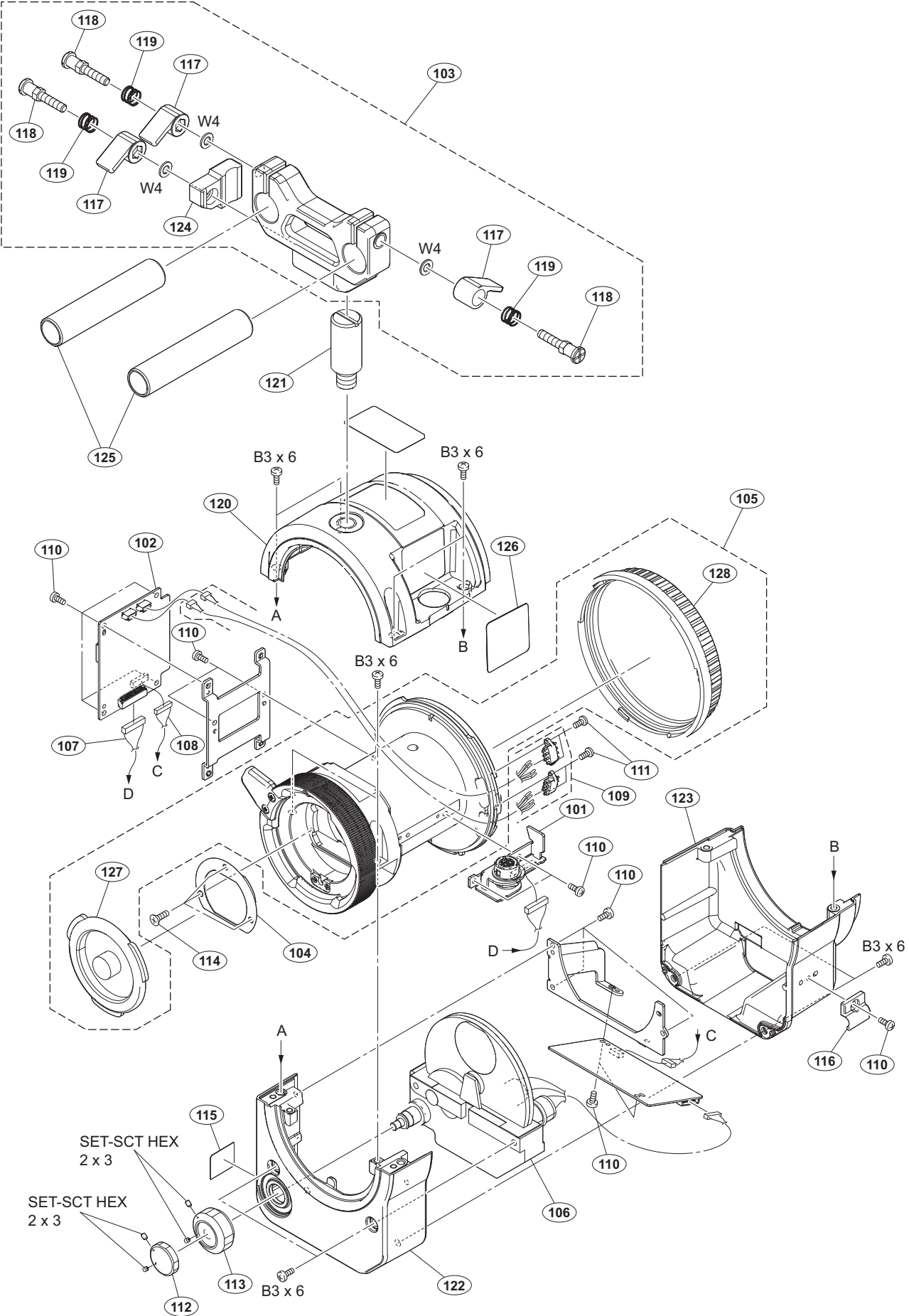
2-2. Exploded Views

LA-FZB1



LA-FZB1

No.	Part No.	SP Description
1	A-1975-577-A s	MOUNTED CIRCUIT BOARD, CN-3621
2	A-1975-578-A s	MOUNTED CIRCUIT BOARD, IFC-18
3	A-1975-829-A s	LS LENS SUPPORT ASSY
4	X-2588-351-1 s	CV COVER GLASS ASSY (B1)
5	1-856-599-11 s	OPTICAL UNIT (LA612A)
6	1-969-959-11 s	HARNESS, SUB (LENS-IFC)
7	1-969-961-11 s	HARNESS, SUB (FZ-IFC)
8	2-630-005-31 s	SCREW(M2),NEW TRUSTER,P2 (P2X4)
9	2-635-562-31 s	SCREW(M1.7) (P1.7X4)
10	3-863-905-01 s	SCREW,PRECISION +K M2 (K2X2.5)
11	4-197-161-01 s	HOLDER, CABLE
12	4-458-121-01 s	LEVER, INSIDE
13	4-488-663-01 s	LS ROD LOCK SCREW
14	4-458-124-11 s	SPRING,ROD LOCK
15	4-477-734-01 s	CV BOTTOM COVER
16	4-477-736-01 s	LS V ROD
17	4-477-740-01 s	CV TOP COVER (B1)
18	4-477-743-01 s	LS LOCK PLATE
19	4-488-131-01 s	CV CN COVER SHEET
20	3-079-115-01 s	TAPE AS
21	3-699-048-01 s	CAP, MOUNT
22	4-423-060-01 s	CAP, MOUNT
	7-682-547-09 s	SCREW +B 3X6
	7-688-004-12 o	W 4, MIDDLE



LA-FZB2

No.	Part No.	SP Description
101	A-1975-577-A	s MOUNTED CIRCUIT BOARD, CN-3621
102	A-1975-578-A	s MOUNTED CIRCUIT BOARD, IFC-18
103	A-1975-829-A	s LS LENS SUPPORT ASSY
104	X-2588-350-1	s CV COVER GLASS ASSY (FDU)
105	1-856-599-11	s OPTICAL UNIT (LA612A)
106	1-856-600-11	s FILTER BLOCK, OPTICAL
107	1-969-959-11	s HARNESS, SUB (LENS-IFC)
108	1-969-960-11	s HARNESS, SUB (FILTER-IFC)
109	1-969-961-11	s HARNESS, SUB (FZ-IFC)
110	2-630-005-31	s SCREW(M2),NEW TRUSTER,P2 (P2X4)
111	2-635-562-31	s SCREW(M1.7) (P1.7X4)
112	3-679-670-03	s KNOB,FILTER(ND)
113	3-679-671-11	s KNOB,FILTER(CC)
114	3-863-905-01	s SCREW,PRECISION +K M2 (K2X2.5)
115	4-170-404-01	s LABEL,FILTER
116	4-197-161-01	s HOLDER, CABLE
117	4-458-121-01	s LEVER, INSIDE
118	4-488-663-01	s LS ROD LOCK SCREW
119	4-458-124-11	s SPRING,ROD LOCK
120	4-477-734-01	s CV BOTTOM COVER
121	4-477-736-01	s LS V ROD
122	4-477-738-01	s CV FRONT COVER (FDU)
123	4-477-739-01	s CV REAR COVER (FDU)
124	4-477-743-01	s LS LOCK PLATE
125	4-479-699-01	s ROD (15X70)
126	4-488-131-01	s CV CN COVER SHEET
127	3-699-048-01	s CAP, MOUNT
128	4-423-060-01	s CAP, MOUNT
	7-621-732-09	s SET-SCT HEX. 2X3 WP
	7-682-547-09	s SCREW +B 3X6
	7-688-004-12	o W 4, MIDDLE

2-3. Electrical Parts List

CN-3621 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1975-577-A s	MOUNTED CIRCUIT BOARD, CN-3621
C001	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C002	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C003	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C004	1-100-597-91 s	CAP, CHIP CERAMIC 0.1MF B 1608
C005	1-118-399-11 s	CAP, CERAMIC 2200PF X7R 1005
C006	1-118-399-11 s	CAP, CERAMIC 2200PF X7R 1005
C007	1-118-399-11 s	CAP, CERAMIC 2200PF X7R 1005
C008	1-118-399-11 s	CAP, CERAMIC 2200PF X7R 1005
C009	1-118-399-11 s	CAP, CERAMIC 2200PF X7R 1005
C010	1-118-399-11 s	CAP, CERAMIC 2200PF X7R 1005
C011	1-118-399-11 s	CAP, CERAMIC 2200PF X7R 1005
C012	1-118-399-11 s	CAP, CERAMIC 2200PF X7R 1005
CN001	1-562-221-31 s	CONNECTOR (ROUND TYPE) (R-F) 12P
CN002	1-816-113-21 s	CONNECTOR 15P
FB001	1-400-580-21 s	FERRITE, EMI (SMD)
FB002	1-400-580-21 s	FERRITE, EMI (SMD)
FB003	1-400-832-21 s	SMD EMI FERRITE
FB004	1-400-832-21 s	SMD EMI FERRITE
FB005	1-400-832-21 s	SMD EMI FERRITE
FB006	1-400-832-21 s	SMD EMI FERRITE
FB007	1-400-832-21 s	SMD EMI FERRITE
FB008	1-400-832-21 s	SMD EMI FERRITE
FB009	1-400-832-21 s	SMD EMI FERRITE
FB010	1-400-832-21 s	SMD EMI FERRITE
FB011	1-400-832-21 s	SMD EMI FERRITE
FB012	1-400-832-21 s	SMD EMI FERRITE
FB013	1-400-832-21 s	SMD EMI FERRITE

IFC-18 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1975-578-A s	MOUNTED CIRCUIT BOARD, IFC-18
C1001	1-118-036-11 s	CAP, CERAMIC 0.1MF X5R (1608)
C1002	1-118-036-11 s	CAP, CERAMIC 0.1MF X5R (1608)
C1003	1-118-036-11 s	CAP, CERAMIC 0.1MF X5R (1608)
C1008	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C1009	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C1010	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1011	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1012	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C1013	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C1014	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2001	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2002	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2003	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2004	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2005	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2006	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2007	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2008	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2009	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2010	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2011	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2012	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2013	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C2014	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005

IFC-18 BOARD

Ref. No. or Q'ty	Part No.	SP Description
C2015	1-164-850-81 s	CAP, CHIP CERAMIC 10PF CH 1005
C2016	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2017	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2018	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2019	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2020	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2021	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2022	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C2023	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C3001	1-118-403-11 s	CAP, CERAMIC 1000PF X7R 1005
C3002	1-164-878-81 s	CAP,CHIP CERAMIC 150PF CH 1005
C3003	1-164-874-81 s	CAP,CHIP CERAMIC 100PF CH 1005
C3004	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C3005	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C3006	1-116-493-11 s	CAP, CERAMIC 4.7MF X7R 3216
C3007	1-116-857-91 s	CAP, CERAMIC 0.22MF B (2012)
C3008	1-116-857-91 s	CAP, CERAMIC 0.22MF B (2012)
C3011	1-116-493-11 s	CAP, CERAMIC 4.7MF X7R 3216
C3012	1-118-047-11 s	CAP, CERAMIC 10MF X5R (2012)
C3015	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C3016	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
C3018	1-116-732-11 s	CAP, CERAMIC 2.2MF X5R 1005
C3019	1-116-707-11 s	CAP, CERAMIC 47MF X5R 3216
C3020	1-118-386-11 s	CAP, CERAMIC 0.1MF X7R 1005
CN1001	1-779-884-21 s	CONNECTOR 4P
CN1002	1-779-884-21 s	CONNECTOR 4P
CN2002	1-573-290-21 s	PIN, CONNECTOR (1.5MM) (SMD) 4P
D1001	8-719-084-91 s	DIODE RD43SB-T1
D1002	8-719-989-01 s	DIODE DA221-TL
D1003	8-719-989-01 s	DIODE DA221-TL
D1004	8-719-989-01 s	DIODE DA221-TL
D1005	8-719-989-01 s	DIODE DA221-TL
D1006	8-719-989-01 s	DIODE DA221-TL
D1007	8-719-989-01 s	DIODE DA221-TL
D1008	8-719-989-01 s	DIODE DA221-TL
D2001	8-719-989-01 s	DIODE DA221-TL
D2002	6-502-197-01 s	DI SML-D12M8WT86SM
D3001	6-502-961-01 s	DI DA2J10100L
D3002	6-502-961-01 s	DI DA2J10100L
D3003	8-719-073-92 s	DIODE RB060L-40TE25
D3004	8-719-073-92 s	DIODE RB060L-40TE25
FB1001	1-400-580-21 s	FERRITE, EMI (SMD)
FB1002	1-400-580-21 s	FERRITE, EMI (SMD)
FB2001	1-400-834-21 s	FERRITE, EMI (SMD) (1005)
FB2002	1-400-834-21 s	FERRITE, EMI (SMD) (1005)
FB3001	1-469-100-21 s	FERRITE, EMI (SMD) (1608)
FB3002	1-469-122-21 s	FERRITE, EMI (SMD) (1608)
FB3003	1-469-100-21 s	FERRITE, EMI (SMD) (1608)
FB3004	1-400-834-21 s	FERRITE, EMI (SMD) (1005)
FB3005	1-469-100-21 s	FERRITE, EMI (SMD) (1608)
IC1001	6-706-487-01 s	IC TC7SH08FU
IC1002	6-710-861-01 s	IC TC7SET34FU
IC1003	6-707-702-01 s	IC NJM2746RB1 (TE2)
IC1004	6-707-702-01 s	IC NJM2746RB1 (TE2)
IC2001	6-706-484-01 s	IC TC7SH04FU
IC2002	6-712-373-01 s	IC TC7SH34FU
IC2003	6-706-476-01 s	IC TC7SET04FU
IC2004	6-710-861-01 s	IC TC7SET34FU
IC2005	8-759-488-34 s	IC TLV2221CDBV
IC2007	6-706-476-01 s	IC TC7SET04FU
IC2008	6-706-476-01 s	IC TC7SET04FU
IC2009	6-706-487-01 s	IC TC7SH08FU
IC2010	6-718-662-01 s	IC R1EX24256BSAS0A
IC2011	6-704-566-01 s	IC R3112N291A-TR-FE

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IC3002	6-709-048-01 s	IC BH33MA3WHFV-TR
IC3003	6-711-116-01 s	IC NJM2878F3-05 (TE2)
IC3004	6-711-116-01 s	IC NJM2878F3-05 (TE2)
L3001	1-460-370-11 s	COIL, CHOKE 10UH (4018)
L3002	1-460-359-11 s	COIL, CHOKE 4.7UH (4018)
Q1003	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q2001	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q2002	8-729-928-82 s	TRANSISTOR DTC144EE-TL
R1001	1-218-941-81 s	RES, CHIP 100 (1005)
R1002	1-218-941-81 s	RES, CHIP 100 (1005)
R1003	1-218-941-81 s	RES, CHIP 100 (1005)
R1004	1-218-941-81 s	RES, CHIP 100 (1005)
R1005	1-218-941-81 s	RES, CHIP 100 (1005)
R1006	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1007	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1008	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1009	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1010	1-218-941-81 s	RES, CHIP 100 (1005)
R1011	1-218-941-81 s	RES, CHIP 100 (1005)
R1012	1-218-973-81 s	RES, CHIP 47K (1005)
R1014	1-218-977-81 s	RES, CHIP 100K (1005)
R1015	1-218-965-81 s	RES, CHIP 10K (1005)
R1017	1-218-977-81 s	RES, CHIP 100K (1005)
R1019	1-218-965-81 s	RES, CHIP 10K (1005)
R1020	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1021	1-250-519-11 s	RES, METAL FILM CHIP 10K(1005)
R1022	1-250-519-11 s	RES, METAL FILM CHIP 10K(1005)
R1023	1-250-519-11 s	RES, METAL FILM CHIP 10K(1005)
R1024	1-250-499-11 o	RES,METAL FILM CHIP 1.5K(1005)
R1025	1-250-499-11 o	RES,METAL FILM CHIP 1.5K(1005)
R1026	1-250-499-11 o	RES,METAL FILM CHIP 1.5K(1005)
R1027	1-218-941-81 s	RES, CHIP 100 (1005)
R1028	1-218-941-81 s	RES, CHIP 100 (1005)
R1029	1-218-941-81 s	RES, CHIP 100 (1005)
R1032	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1033	1-250-519-11 s	RES, METAL FILM CHIP 10K(1005)
R1034	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1035	1-250-519-11 s	RES, METAL FILM CHIP 10K(1005)
R1036	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R1037	1-250-519-11 s	RES, METAL FILM CHIP 10K(1005)
R1038	1-218-941-81 s	RES, CHIP 100 (1005)
R1039	1-218-941-81 s	RES, CHIP 100 (1005)
R1040	1-218-941-81 s	RES, CHIP 100 (1005)
R1044	1-218-965-81 s	RES, CHIP 10K (1005)
R1045	1-218-953-81 s	RES, CHIP 1.0K (1005)
R1049	1-218-953-81 s	RES, CHIP 1.0K (1005)
R1050	1-218-953-81 s	RES, CHIP 1.0K (1005)
R1051	1-218-953-81 s	RES, CHIP 1.0K (1005)
R1052	1-218-965-81 s	RES, CHIP 10K (1005)
R1071	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1072	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1073	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1074	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1075	1-218-973-81 s	RES, CHIP 47K (1005)
R1076	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1077	1-216-864-91 s	CONDUCTOR, CHIP (1608)
R1080	1-218-973-81 s	RES, CHIP 47K (1005)
R1081	1-218-973-81 s	RES, CHIP 47K (1005)
R2002	1-218-989-81 s	RES, CHIP 1M (1005)
R2010	1-218-965-81 s	RES, CHIP 10K (1005)
R2011	1-218-953-81 s	RES, CHIP 1.0K (1005)
R2012	1-218-953-81 s	RES, CHIP 1.0K (1005)
R2013	1-218-961-81 s	RES, CHIP 4.7K (1005)

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R2014	1-218-961-81 s	RES, CHIP 4.7K (1005)
R2015	1-218-961-81 s	RES, CHIP 4.7K (1005)
R2016	1-218-961-81 s	RES, CHIP 4.7K (1005)
R2017	1-218-961-81 s	RES, CHIP 4.7K (1005)
R2018	1-218-961-81 s	RES, CHIP 4.7K (1005)
R2019	1-218-961-81 s	RES, CHIP 4.7K (1005)
R2020	1-250-503-11 o	RES,METAL FILM CHIP 2.2K(1005)
R2021	1-218-941-81 s	RES, CHIP 100 (1005)
R2022	1-218-965-81 s	RES, CHIP 10K (1005)
R2023	1-250-499-11 o	RES,METAL FILM CHIP 1.5K(1005)
R2024	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2025	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2026	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2027	1-250-447-11 s	RES, METAL FILM CHIP 10 (1005)
R2028	1-218-989-81 s	RES, CHIP 1M (1005)
R2029	1-218-977-81 s	RES, CHIP 100K (1005)
R2030	1-218-977-81 s	RES, CHIP 100K (1005)
R2031	1-218-961-81 s	RES, CHIP 4.7K (1005)
R2032	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2033	1-218-973-81 s	RES, CHIP 47K (1005)
R2034	1-218-973-81 s	RES, CHIP 47K (1005)
R2035	1-218-973-81 s	RES, CHIP 47K (1005)
R2036	1-218-973-81 s	RES, CHIP 47K (1005)
R2037	1-218-973-81 s	RES, CHIP 47K (1005)
R2040	1-218-953-81 s	RES, CHIP 1.0K (1005)
R2041	1-218-953-81 s	RES, CHIP 1.0K (1005)
R2042	1-218-973-81 s	RES, CHIP 47K (1005)
R2043	1-218-941-81 s	RES, CHIP 100 (1005)
R2044	1-218-941-81 s	RES, CHIP 100 (1005)
R2045	1-218-941-81 s	RES, CHIP 100 (1005)
R2046	1-218-941-81 s	RES, CHIP 100 (1005)
R2047	1-218-941-81 s	RES, CHIP 100 (1005)
R2048	1-218-965-81 s	RES, CHIP 10K (1005)
R2049	1-218-941-81 s	RES, CHIP 100 (1005)
R2050	1-218-941-81 s	RES, CHIP 100 (1005)
R2051	1-218-941-81 s	RES, CHIP 100 (1005)
R2052	1-218-941-81 s	RES, CHIP 100 (1005)
R2055	1-218-941-81 s	RES, CHIP 100 (1005)
R2056	1-218-973-81 s	RES, CHIP 47K (1005)
R2060	1-218-953-81 s	RES, CHIP 1.0K (1005)
R2061	1-218-953-81 s	RES, CHIP 1.0K (1005)
R2062	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R2064	1-218-965-81 s	RES, CHIP 10K (1005)
R2065	1-218-973-81 s	RES, CHIP 47K (1005)
R2066	1-218-973-81 s	RES, CHIP 47K (1005)
R3001	1-250-523-11 o	RES, METAL FILM CHIP 15K(1005)
R3002	1-250-531-11 s	RES, METAL FILM CHIP 33K(1005)
R3003	1-250-543-11 o	RES,METAL FILM CHIP 100K(1005)
R3004	1-250-533-11 s	RES, METAL FILM CHIP 39K(1005)
R3005	1-250-529-11 o	RES, METAL FILM CHIP 27K(1005)
R3006	1-250-535-11 s	RES, METAL FILM CHIP 47K(1005)
R3007	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R3009	1-218-977-81 s	RES, CHIP 100K (1005)
R3010	1-250-519-11 s	RES, METAL FILM CHIP 10K(1005)
R3011	1-250-515-11 s	RES,METAL FILM CHIP 6.8K(1005)
R3012	1-250-531-11 s	RES, METAL FILM CHIP 33K(1005)
R3013	1-250-539-11 o	RES, METAL FILM CHIP 68K(1005)
R3014	1-250-501-11 o	RES,METAL FILM CHIP 1.8K(1005)
R3015	1-250-507-11 o	RES,METAL FILM CHIP 3.3K(1005)
R3016	1-250-501-11 o	RES,METAL FILM CHIP 1.8K(1005)
R3017	1-218-941-81 s	RES, CHIP 100 (1005)
R3018	1-218-941-81 s	RES, CHIP 100 (1005)
RB2001	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2002	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2003	1-234-380-21 s	RES, NETWORK 47K (1005X4)

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RB2004	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2005	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2006	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2007	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2008	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2009	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2010	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2011	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2012	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2013	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2014	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2015	1-234-380-21 s	RES, NETWORK 47K (1005X4)
S2001	1-692-270-41 s	SWITCH, SLIDE
X2001	1-814-312-11 s	QUARTZ CRYSTAL UNITS 15.02MHZ (15.02 MHz)

2-4. Supplied Accessories

Q'ty	Part No.	SP Description
1pc	A-1975-829-A s	LS LENS SUPPORT ASSY
3pcs	4-458-121-01 s	LEVER, INSIDE
3pcs	4-458-124-11 s	SPRING, ROD LOCK
1pc	4-477-736-01 s	LS V ROD
1pc	4-477-743-01 s	LS LOCK PLATE
3pcs	7-688-004-12 s	W 4, MIDDLE
2pcs	4-479-699-01 s	ROD (15X70) (for LA-FZB2)
1pc	△ 4-480-312-01 s	MANUAL, INSTRUCTION (JAPANESE, ENGLISH)
1pc	△ 4-480-312-11 s	MANUAL, INSTRUCTION (FRENCH, GERMAN)
1pc	△ 4-480-312-21 s	MANUAL, INSTRUCTION (SPANISH, ITALIAN)
1pc	△ 4-480-312-31 s	MANUAL, INSTRUCTION (CHINESE, KOREAN)
1pc	△ 4-480-312-41 s	MANUAL, INSTRUCTION (RUSSIAN, KAZAKH)
1pc	4-528-063-01 s	FLYER

