2022/08/01 12:48:54 (GMT+09:00)

983473831.pdf

S.M. Rev.

issued

Revision History

Contents

DSC-RX1/RX1R

SERVICE MANUAL

LEVEL 2

Ver.

1.0

Date

2013.06

History

Official Release

Ver. 1.0 2013.06



Photo: DSC-RX1

SERVICE NOTE (Check the following note before the service.)

US Model Canadian Model AEP Model

E Model Chinese Model Japanese Model

NZNEEDPA - Fri, 11 Jul 2025 02:37:34 GMT

Note: This manual contains information of the DSC-RX1 Service Manual (9-834-697-[][]) and additional DSC-RX1R information.

Note: このマニュアルはDSC-RX1のサービスマニュアル(9-834-697-[][])にDSC-RX1Rの情報を追加したものです。

DIGITAL STILL CAMERA

 ⚠ are critical for safety.

The components identified by Les composants identifiés par mark riangle or dotted line with mark | une marque riangle sont critiques pour la sécurité.

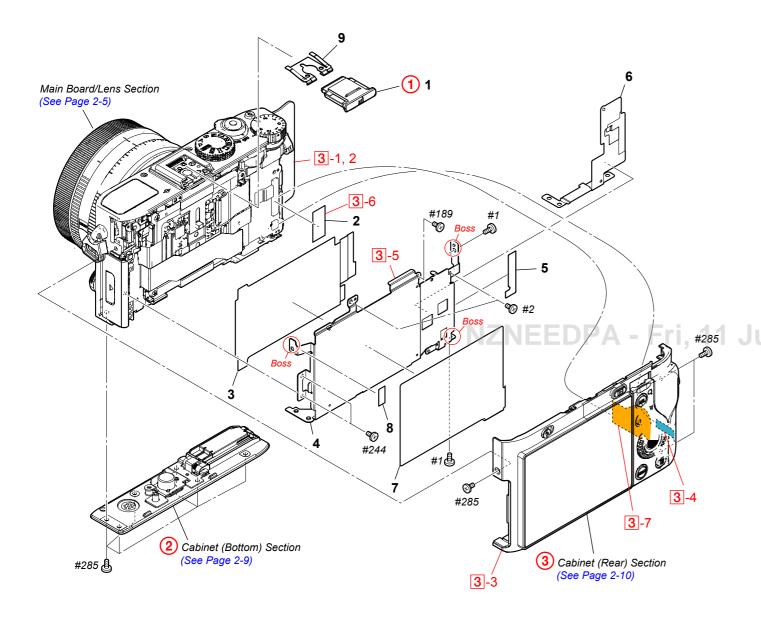
Replace only with part number Ne les remplacer que par une pièce portant le numéro spécifié.

SONY

Published by Sony Techno Create Corporation

2-1. EXPLODED VIEWS

2-1-1. OVERALL SECTION

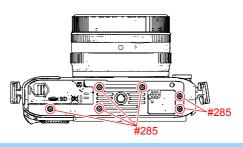


DISASSEMBLY

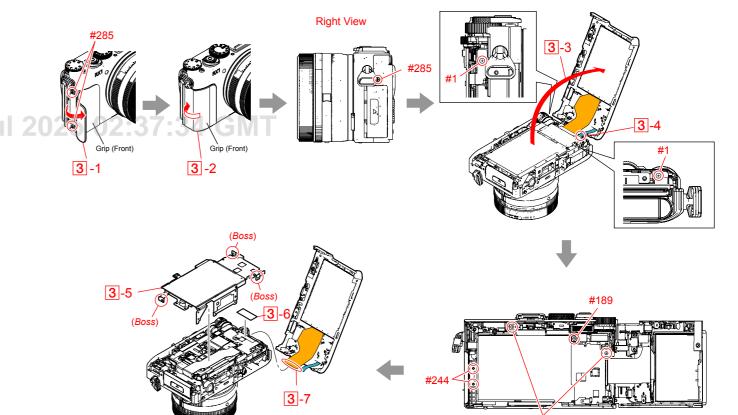
1. Remove in numerical order (1) to 3) in the left figure.

2 #285 X 6

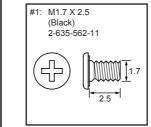
Bottom View

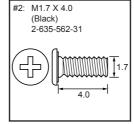


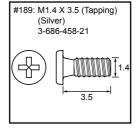
③ Peel off the Grip (Front) ($\boxed{3}$ -1) → #285 X 2 → Attach the Grip (Front) ($\boxed{3}$ -2) → #285 X 1 → Open the Cabinet (Rear) Section ($\boxed{3}$ -3) → Disconnect the Connector ($\boxed{3}$ -4) → #1 X 2 → #244 X 2 → #2 X 2 → #189 X 1 → Remove the Main Frame ($\boxed{3}$ -5) → Remove the Tape (AS 1/2) ($\boxed{3}$ -6) → Disconnect the Connector ($\boxed{3}$ -7)

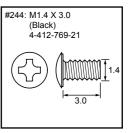


Screw

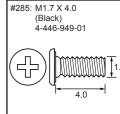




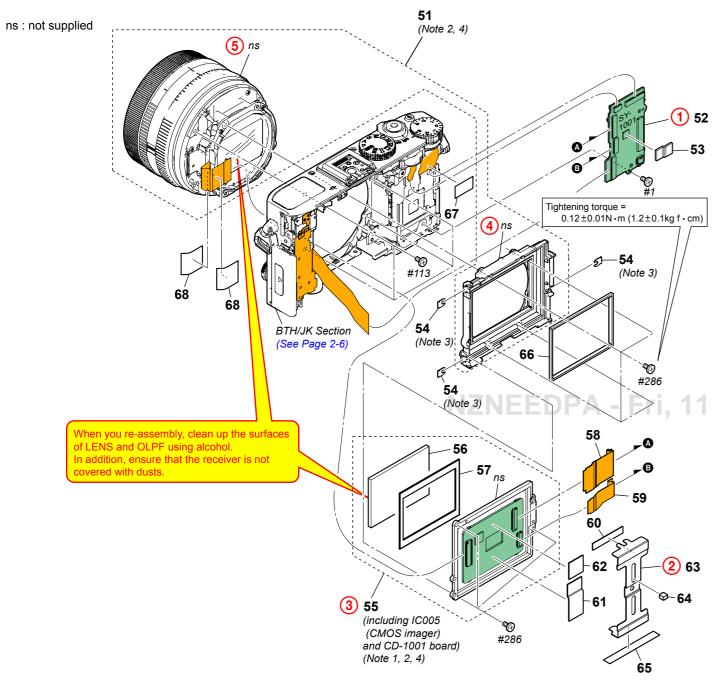




#2



2-1-2. MAIN BOARD/LENS SECTION



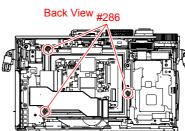
DISASSEMBLY

1. Remove in numerical order (1) to 5) in the left figure.

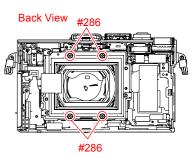
① #1 X 1



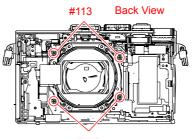




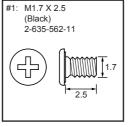
4 #286 X 4

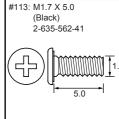


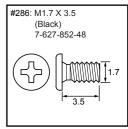
(5) #113 X 4



Screw







Note

Note 1: Refer to "Assembly-8: Notes on Replacing the Optical Filter Block." when you assemble.

02:37:34 GMT

Note 2: The lens is paired with the Rear Tube. Before replacing the lens, make sure that the lens and the Rear Tube are in a pair according to "Assembly-1: Notes on Assembling the IM Imager Unit and Lens Block".

Note 3: The number or type of these parts needs to be selected according to adjustment etc.. Select the part referring to "1-4. NOTES ON REPLACING THE LSV-1600A DEVICE AND THE IM IMAGER UNIT".

Note 4: NOTES ON REMOVING/INSTALLING THE IMAGER BOARD With the following features, this unit is likely to capture foreign particles.

• The imager sensor size is large.

· The space between the imager sensor and the lens is small. Therefore, pay close attention to foreign particles.

Note 1: 組立時は"Assembly-8: Notes on Replacing the Optical Filter Block."を参照してください。

Note 2: レンズと後部鏡筒は一対になっています。 レンズを交換する際は、"Assembly-1: Notes on Assembling the IM Imager Unit and Lens Block."を参照し、対であることを確認してください。

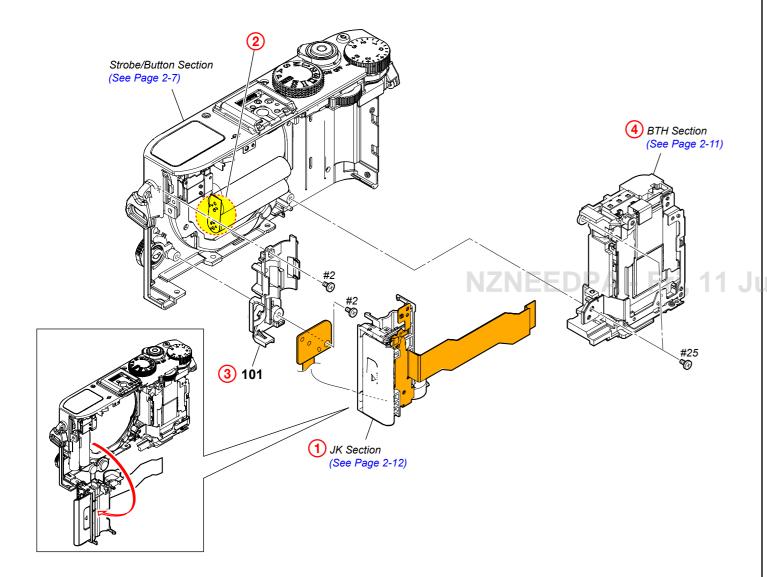
Note 3: これらの部品は調整などによって使用個数や種類を選択する "1-4. LSV-1600AデバイスおよびIMイメージャーユニット交 換時の注意"を参照して選択してください。

Note 4: イメージャ基板の取り外し/取り付け時の注意 本機は下記のような特徴があるため、ゴミが写りこみやす い傾向があります。

・イメージセンサーのサイズが大きい ・イメージセンサーとレンズの間隔がせまい

そのため、ゴミに対しては細心の注意を払ってください。

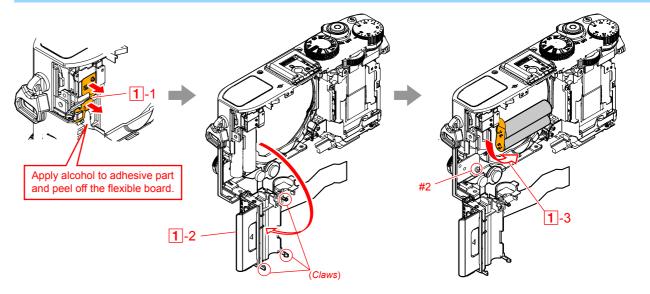
2-1-3. BTH/JK SECTION



DISASSEMBLY

1. Remove in numerical order (1) to 4) in the left figure.

① Peel off the Flexible Board (1-1) → Open the JK Section (1-2) → Open the Condensers (1-3) → #2 X 1

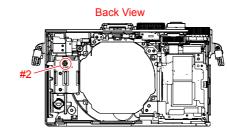


25 02-37-34 GMT

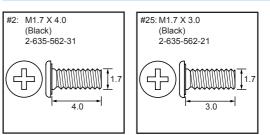
DISCHARGING OF THE CHARGING CAPACITOR

ストロボ用充電コンデンサの放電

3 #2X 1

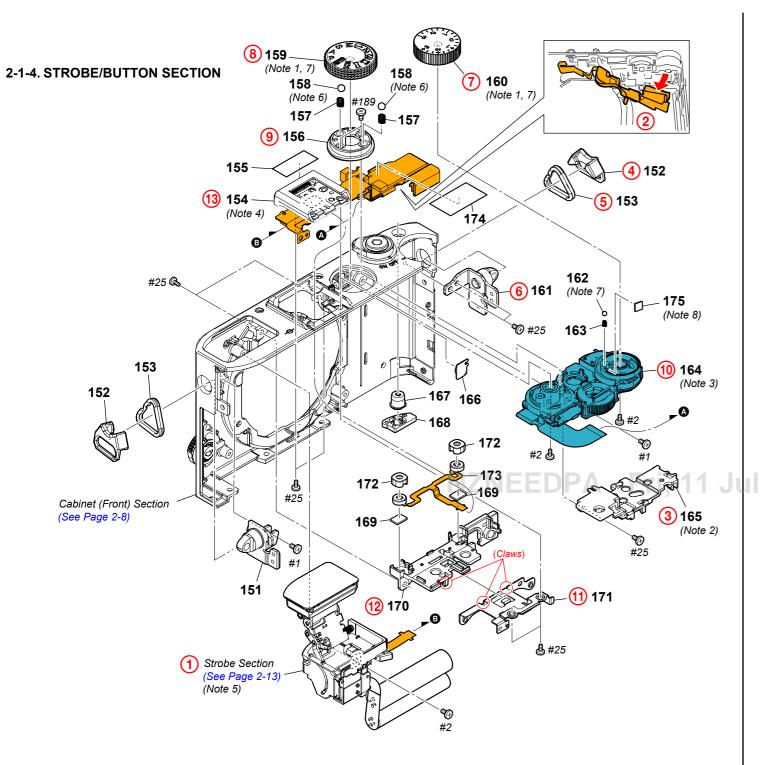






4 #25 X 2

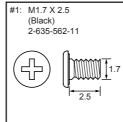
Back View
#25

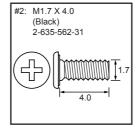


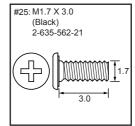
DISASSEMBLY

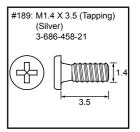
1. Remove in numerical order (1) to (3) in the left figure.

Screw









Note

- Note 1: Refer to "Assembly-3: Notes on Assembling the E Dial and M Dial." when you assemble.
- Note 2: Refer to "Assembly-2: Notes on Assembling the II-2001 Flexible Board." when you assemble.
- **Note 3:** Refer to "Assembly-4: Notes on Assembling the Control Switch Block." when you assemble.
- Note 4: Refer to "Assembly-5: How to fold the II-2001 Flexible Board." when you assemble.

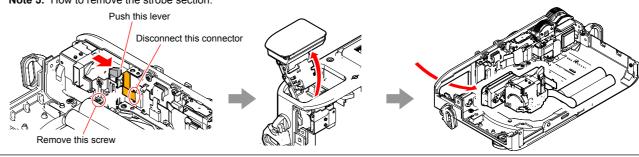
Note 1: 組立時は"Assembly-3: Notes on Assembling the E Dial and M Dial." を参照してください。

Note 2: 組立時は"Assembly-2: Notes on Assembling the II-2001 Flexible Board." を参照してください。

Note 3: 組立時は"Assembly-4: Notes on Assembling the Control Switch Block." を参照してください。

Note 4: 組立時は"Assembly-5: How to fold the II-2001 Flexible Board."を参照してください。

Note 5: How to remove the strobe section. Push this lever



Note 6: The BALL, STEELASSY (SERVICE) is supplied with the certain grease applied to STEEL BALL (Ref. No. 158) When replacing steel balls, replace them the certain grease applied.

Note 7: When replacing the M DIAL, the E DIAL or the STEEL BALL (Ref. No. 162) apply the certain grease supplied with the BALL, STEEL ASSY (SERVICE) (A-1911-422-A) and replace them.

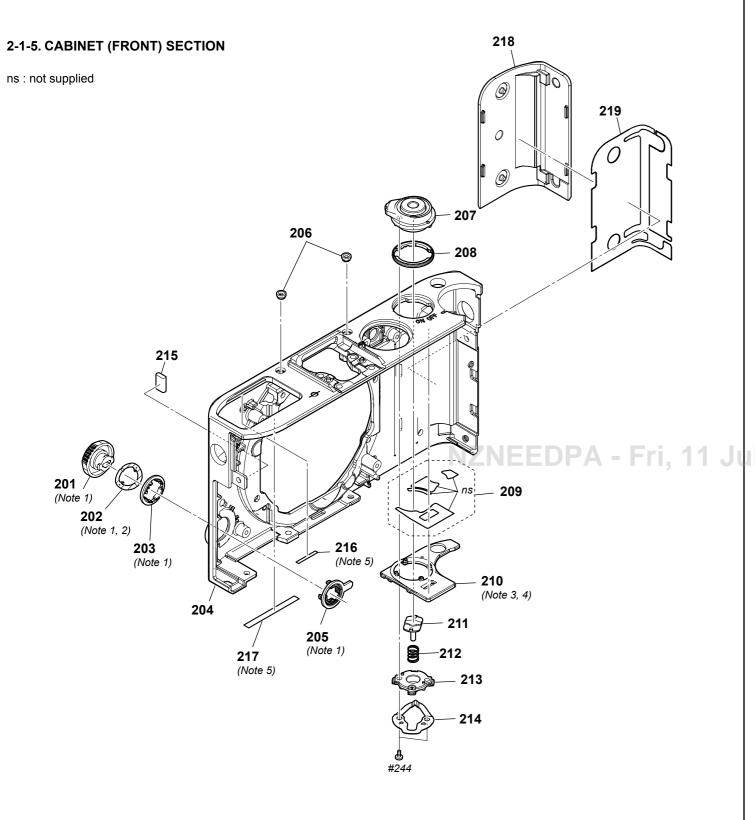
Note 8: These sheets may not be stuck to the unit.

Note 6: BALL, STEEL ASSY (SERVICE) は STEEL BALL (Ref. No. 158) に特定グリスが塗布された状態で供給されます。 スチールボールを交換する際は、特定グリスが塗布されたまま 交換してください。

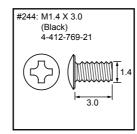
Note 7: M DIAL, E DIALまたはSTEEL BALL (Ref. No. 162) を交換す る場合は、BALL、STEEL ASSY (SERVICE) (A-1911-422-A) に含まれている特定グリスを塗布して交換してください。

Note 8: これらのシートは、本機に貼られていない場合もあります。

2-7



Screw



Note

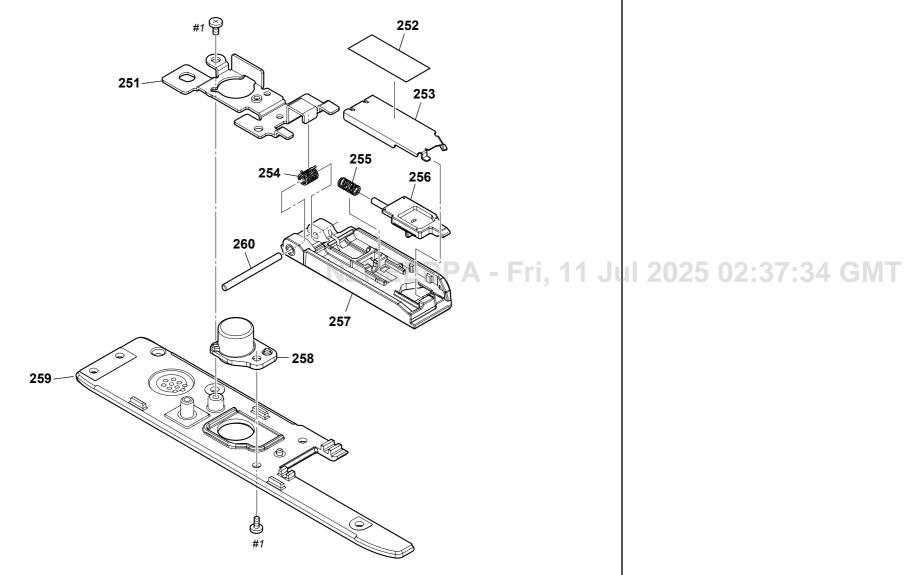
- Note 1: Refer to "Assembly-6: Notes on Assembling the FM Dial." when you assemble.
- Note 2: Grease is applied to the FM SHEET METAL.

 If insufficient amount of grease is applied in the disassembly or assembly process, apply the dedicated grease supplied with the BALL, STEEL ASSY (SERVICE) (A-1911-422-A) before assembling.
- **Note 3:** Refer to "Assembly-7: Notes on Assembling the Top Inner." when you assemble.
- Note 4: When replacing the TOP INNER, apply the certain grease supplied with the BALL, STEEL ASSY (SERVICE) (A-1911-422-A) and replace the TOP INNER.
- Note 5: These sheets may not be stuck to the unit.

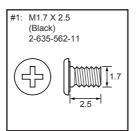
- Note 1: 組立時は"Assembly-6: Notes on Assembling the FM Dial." を参照してください。
- Note 2: FM SHEET METAL にはグリスが塗布されています。 分解、組立て時にグリスの塗布量が不足していた場合は、 BALL、STEEL ASSY (SERVICE) (A-1911-422-A) に含まれて いる特定グリスを塗布してから組立ててください。
- Note 3: 組立時は "Assembly-7: Notes on Assembling the Top Inner." を参照してください。
- Note 4: TOP INNERを交換する場合は、BALL, STEEL ASSY (SER-VICE) (A-1911-422-A) に含まれている特定グリスを塗布して交換してください。

Note 5: これらのシートは、本機に貼られていない場合もあります。

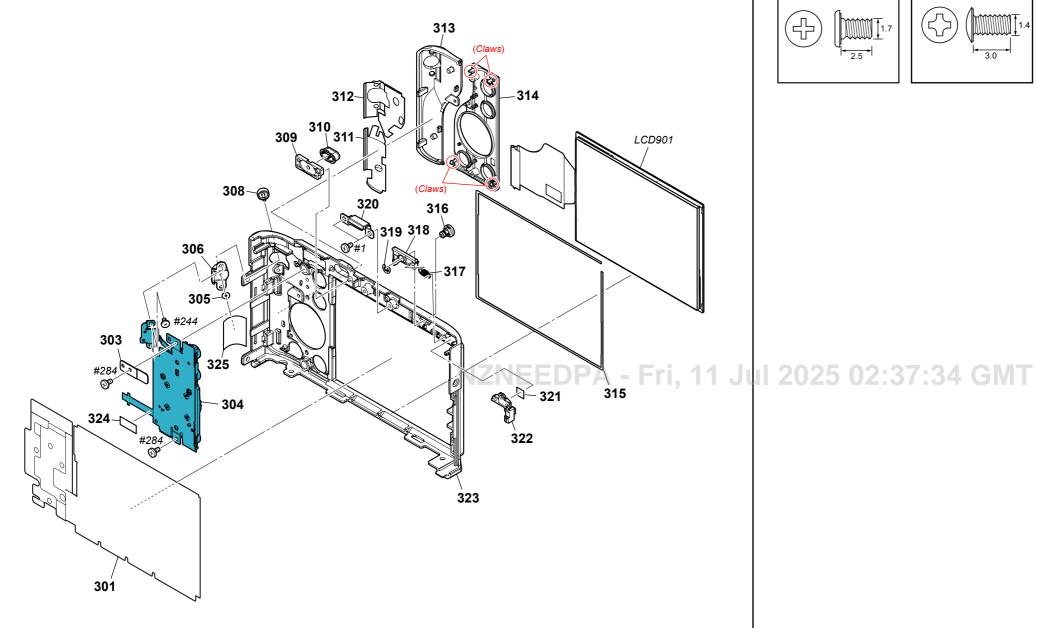
2-1-6. CABINET (BOTTOM) SECTION



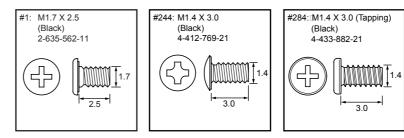
Screw



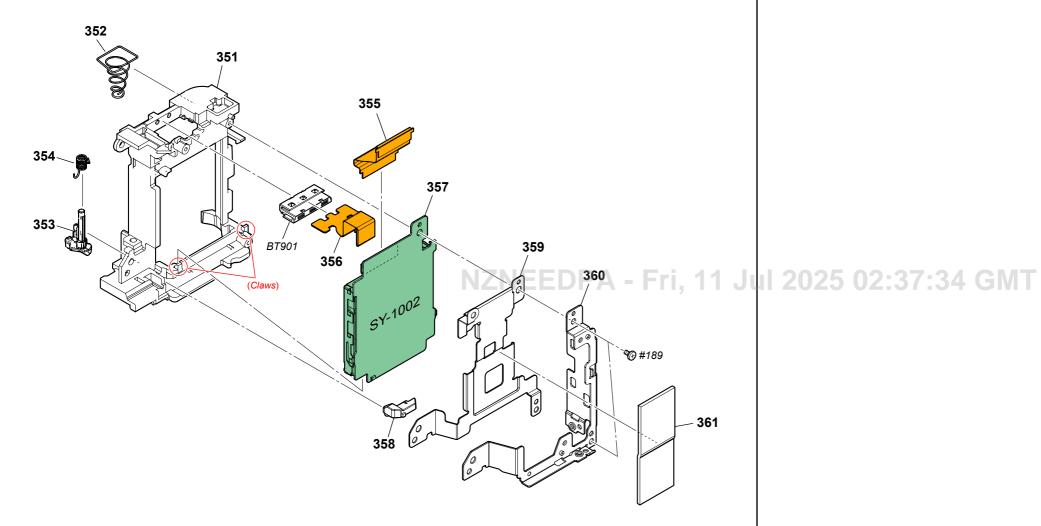
2-1-7. CABINET (REAR) SECTION



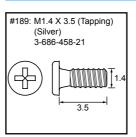
Screw



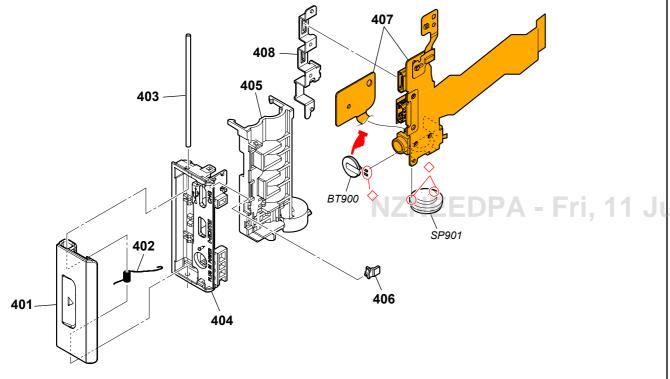
2-1-8. BTH SECTION



Screw



2-1-9. JK SECTION



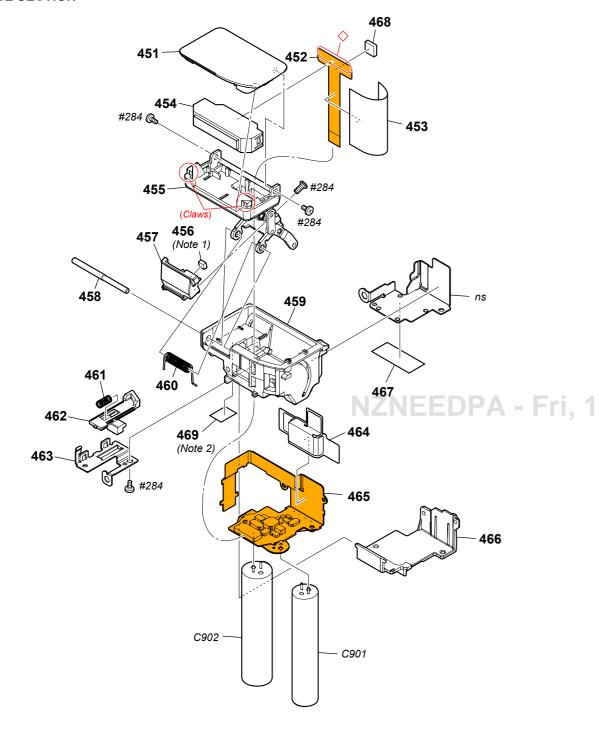
: BT900 (LITHIUM SECONDARY BATTERY) Board on the mount position. (See page 6-30 of Level 3)

DISASSEMBLY

- Fri, 11 Jul 2025 02:37:34 GMT

2-1-10. STROBE SECTION

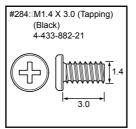
ns : not supplied



DISASSEMBLY

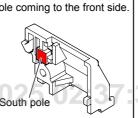
The meaning of the symbol in left figure is as follows. Be careful when you remove it.
 X: Solder

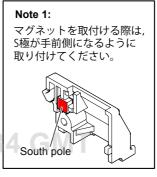
Screw



Note

Note 1: When attaching a magnet, attach it with its south (S) pole coming to the front side.





Note 2: These sheets may not be stuck to the unit.

Note 2: これらのシートは、本機に貼られていない場合もあります。