

# SECTION 2

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## DISASSEMBLY PROCEDURES

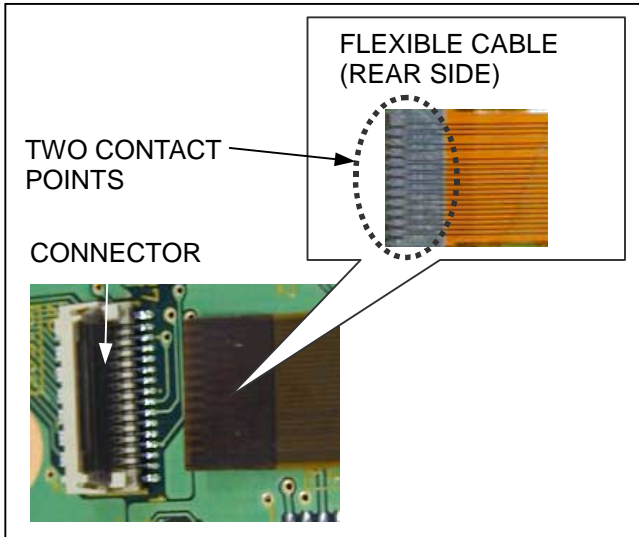
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### CONTENTS

1. Note when inserting Flexible Cable .....	DIS-1
2. Type of screws .....	DIS-1
3. Removal of Top Panel Unit.....	DIS-2
4. Removal of Grip Cover Unit.....	DIS-3
5. Removal of Mechanism Unit.....	DIS-4
6. Removal of VTR C.B.A. ....	DIS-4
7. Removal of Handle Unit.....	DIS-5
8. Removal of EVF Unit .....	DIS-5
9. Removal of Side Case (R) Unit .....	DIS-6
10. Removal of LCD Unit.....	DIS-7
11. Removal of CAMERA C.B.A.....	DIS-8
12. Removal of Lens Unit .....	DIS-8
13. Removal of Back Panel Unit.....	DIS-9
14. Removal of EVR CONNECT C.B.A.....	DIS-9

## 1. Note when inserting Flexible Cable

There are five flexible cables, which have two sets of contacts on each cable, see the figure below. When inserting these cables into the connector, make sure that the cables are fully inserted, if not they may damage the connector.



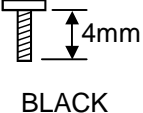

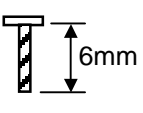
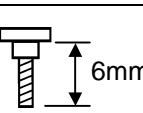
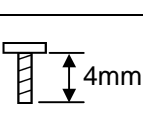

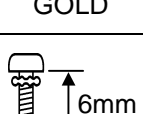
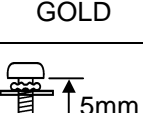
P52 on EVR CONNECT C.B.A.  
P4604 and P4606 on R\_SIDE C.B.A.  
P1004 and P1006 on CAMERA C.B.A.

CCD ↔ P1004  
LENS ↔ P1005  
LCD Unit ↔ P4606  
P52 (EVR CONNECT C.B.A.) ↔ P4604 (R\_SIDE C.B.A.)

When P1004 flexible cable is not making correct contact, the camera's picture will not be seen.  
When P1005 flexible cable is not making correct contact, the LENS will not operate.  
When P4606 flexible cable is not making correct contact, the LCD Panel will not operate.  
When P52 or P4604 flexible cable is not making correct contact, the VTR will not operate.  
If any of the above symptoms occur after you assemble the camera recorder, please check the indicated connector.

## 2. Type of Screws

As for this procedure, a screw is described by the alphabet. The specified screw, refer to the table below about any type. When constructive, be careful not to mistake to put a screw.

TYPE	Figure	Apply to screw
A	 4mm BLACK	A, B, C, D, E, K, L, M, P, Y
B	 4mm SILVER	H, I, J, N, O, V, W, Z
C	 6mm BLACK	F
D	 6mm SILVER	G
E	 4mm BLACK	R
F	 6mm GOLD	T
G	 6mm GOLD	G
H	 5mm GOLD	S

### 3. Removal of Top Panel Unit

1. Unscrew the 2 screws (A) and remove the VF CASE (L).
2. Unscrew the 2 screws (B) and disconnect a connector P610 on MENU C.B.A., then remove the VF CASE R UNIT.
3. Unscrew 3 screws (C) and (D).

#### NOTE:

When unscrew the screw (D), set the LCD Panel to downward to protect damage on face of LCD.

4. Disconnect a connector P553 on VC CONNECT C.B.A. and remove the Top Panel Unit.

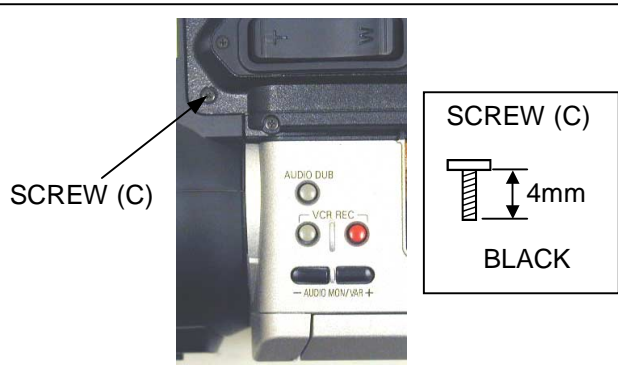
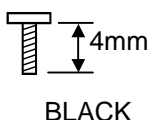


SCREWS (A) VF CASE (L)



VF CASE R UNIT SCREWS (B)

SCREW (A) & (B)



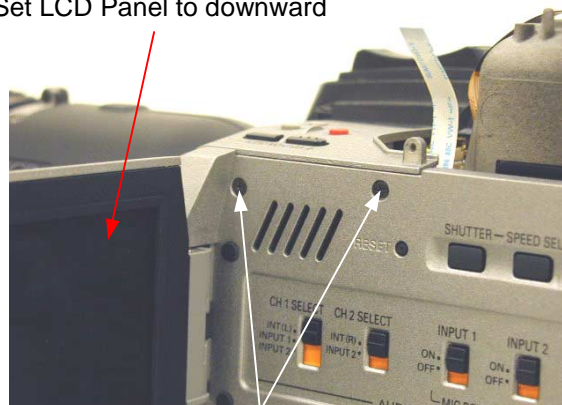
SCREW (C)

SCREW (C)



BLACK

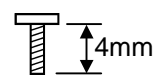
Set LCD Panel to downward



SCREWS (D)



SCREW (D)



BLACK

P553

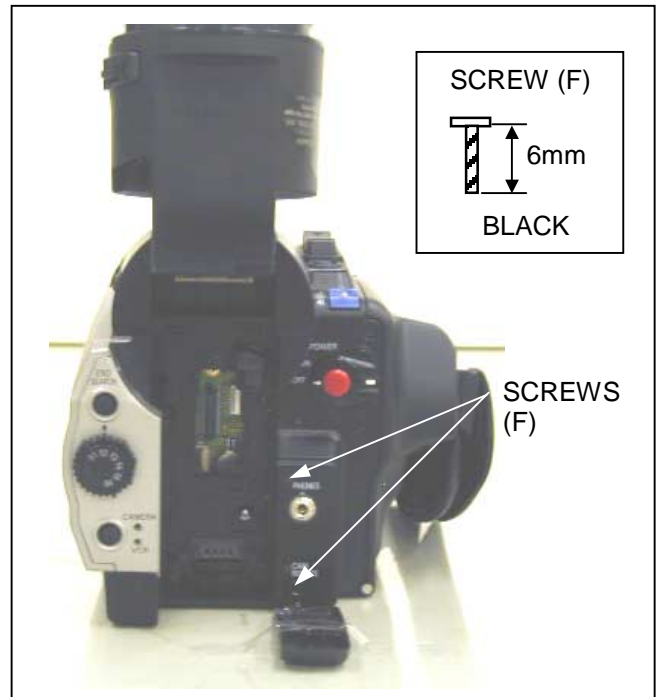
TOP PANEL UNIT

## 4. Removal of Grip Cover Unit

1. Remove the Top Panel Unit.
2. Unscrew the 4 screws (E) and unscrew the 2 screws (F).
3. Disconnect a connector (A) on VTR C.B.A. and remove the Grip Cover Unit.

### NOTE:

Be careful when connect or disconnect the connector (A), because it have possibility give damages to connector when inserting or removing in the impossible doing.





## 5. Removal of Mechanism Unit

1. Remove the Grip Cover Unit.
2. Disconnect 2 connectors (A) and (B) on VTR C.B.A.
3. Unscrew the 2 screws (G).
4. Disconnect a connector (C) on VTR C.B.A.

### NOTE:

Do not forget unscrew the screw (G), when disconnect a connector (C) and be careful so as not to give a damage to connector (C).

5. Unscrew the 4 screws (H) and remove the Mechanism Unit.

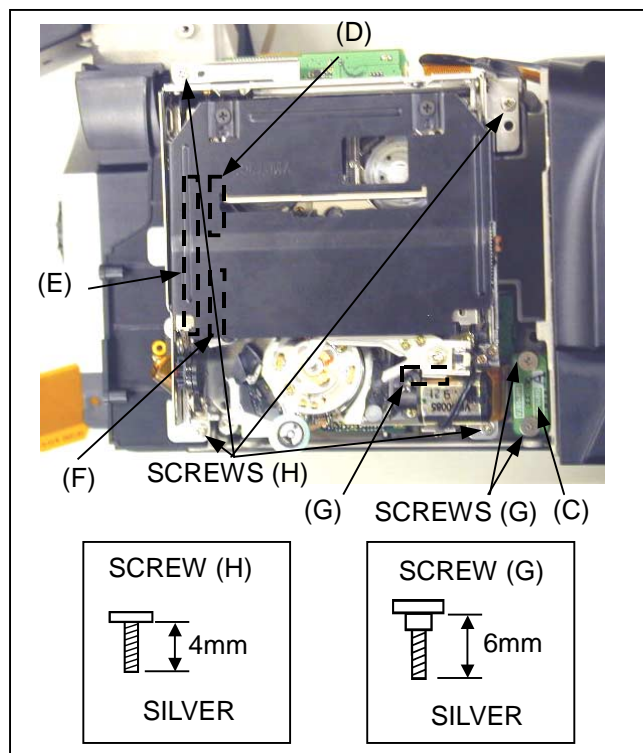
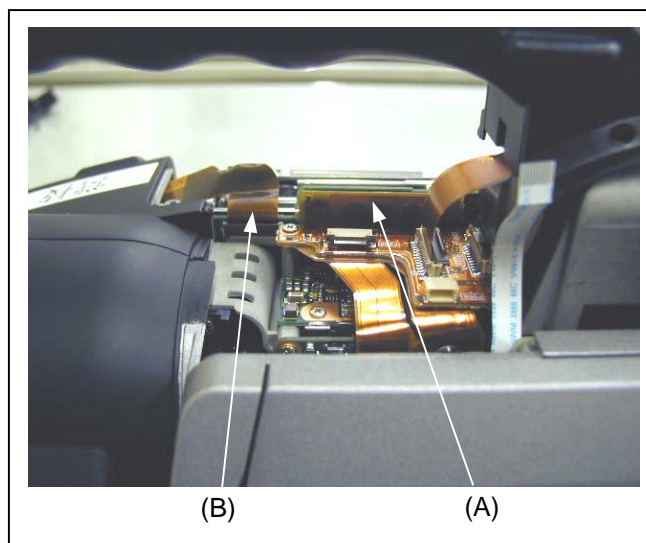
### NOTE:

When remove the Mechanism Unit, the connector (D),(E) and (F) on VTR C.B.A are disconnected from POWER and EVR CONNECT C.B.A. When remove the Mechanism Unit, While having VTR C.B.A with the hand, it removes a Mechanism Unit (If only having Mechanism Unit with the hand, it have possibility give warp to Mecha chassis). Also do not give damage to Cleaning roller. Check the connector has been connected securely when the Mechanism Unit is installed.

6. Disconnect a connector (G) on VTR C.B.A.

### NOTE:

When installing a mechanism unit, make the condition which closed the lid of the connector (B) on the VTR C.B.A.

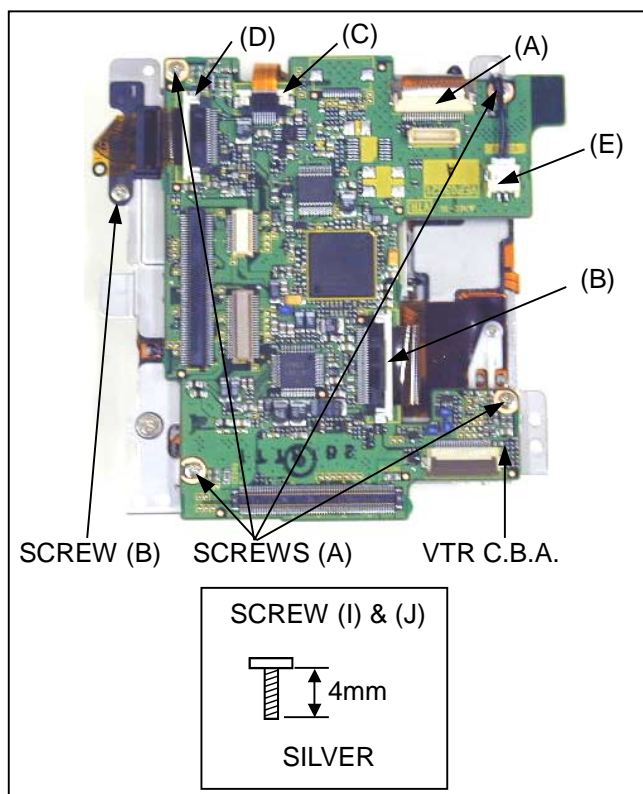


## 6. Removal of VTR C.B.A.

1. Remove the Mechanism Unit.
2. Disconnect 5 connectors (A), (B), (C), (D) and (E) on VTR C.B.A.
3. Unscrew the 4 screws (I) and remove the VTR C.B.A..

### NOTE:

When inserting a connector (D) the connector is easy to insert when removing screw (J).

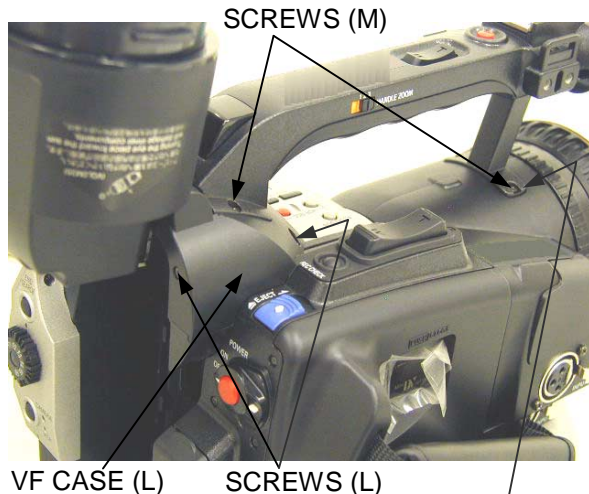


## 7. Removal of Handle Unit

1. Unscrew the 2 screws (K) and disconnect a connector P610 on MENU C.B.A., then remove the VF CASE R UNIT.
2. Unscrew the 2 screws (L) and remove the VF CASE (L).
3. Disconnect a connector P552 on VC CONNECT C.B.A.
4. Unscrew the 4 screws (M) and remove the Handle Unit.

### NOTE:

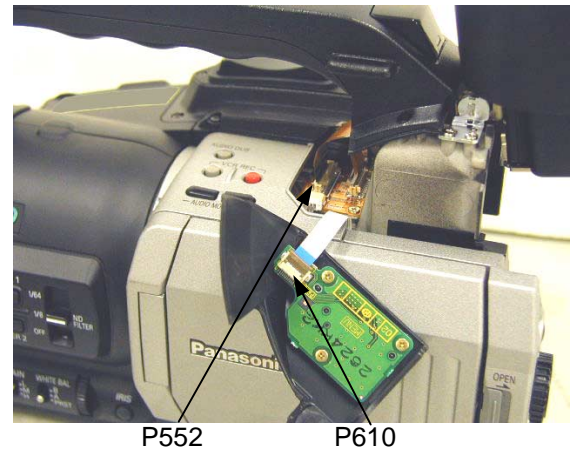
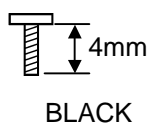
Be careful so as not for the installation part in front of the handle to run onto the frame in Handle Unit installation.



**NOTE:** Be careful when connect or disconnect the connector (A), because it have possibility give damages to connector when inserting or removing in the impossible doing.

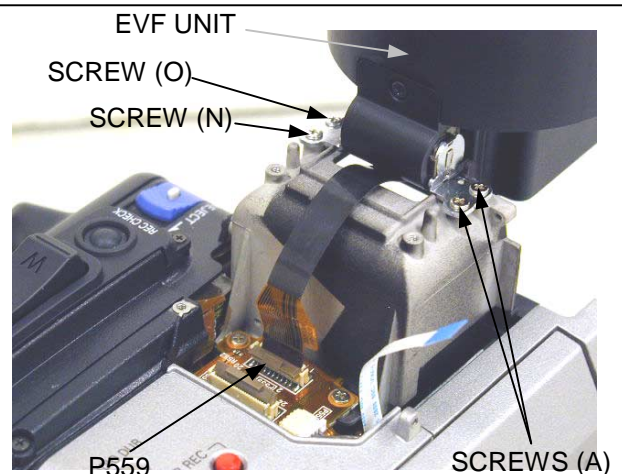


SCREW (K),(L),(M)

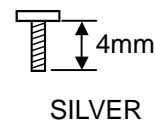


## 8. Removal of EVF Unit

1. Remove the Handle Unit.
2. Unscrew the 3 screws (N) and disconnect a connector P559 on VC CONNECT C.B.A..
3. Make the condition which lift up the EVF Unit as shown figure and unscrew the 1 screw (O), then remove the EVF Unit.



SCREW (N) & (O)





## 9. Removal of Side Case (R) Unit

1. Remove the Bottom Cover.
2. Remove the Handle Unit.
3. Unscrew the 5 screws (P).
4. Unscrew the 3 screws (Q).
5. Unscrew the screw (R).
6. Disconnect a connector P556 on VC CONNECT C.B.A..
7. Disconnect a connector (A) on CAMERA C.B.A..
8. Disconnect a connector P4603 on R-SIDE C.B.A..
9. Disconnect a connector P4604 on R-SIDE C.B.A. and remove the Side Case (R) Unit.

### NOTE:

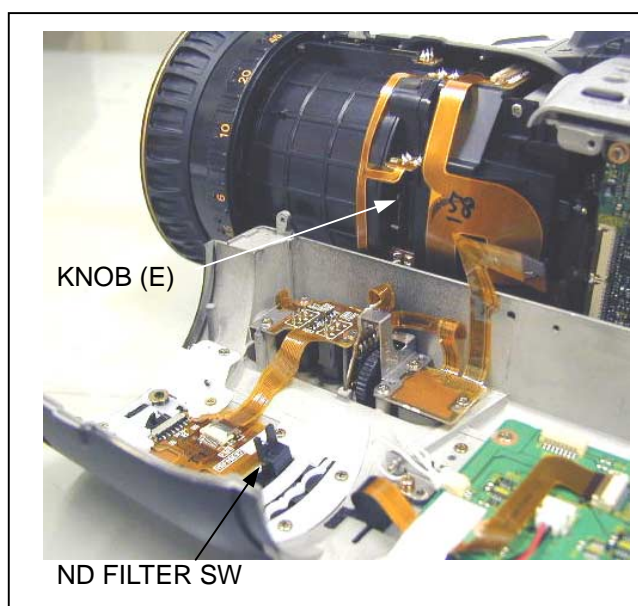
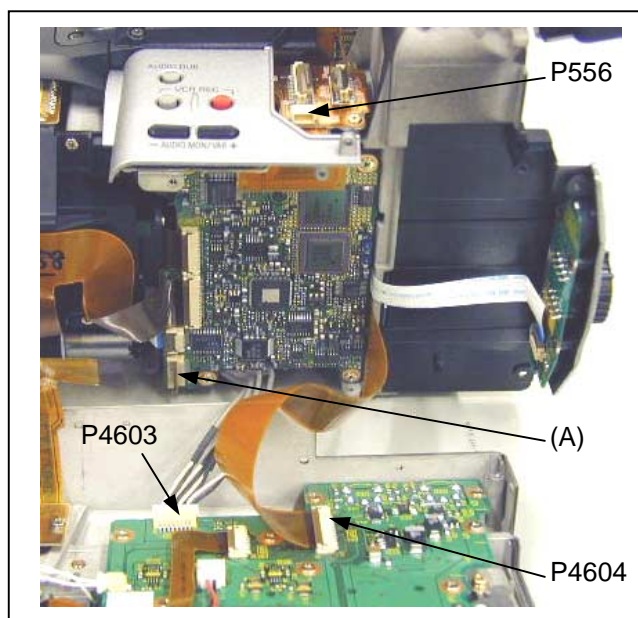
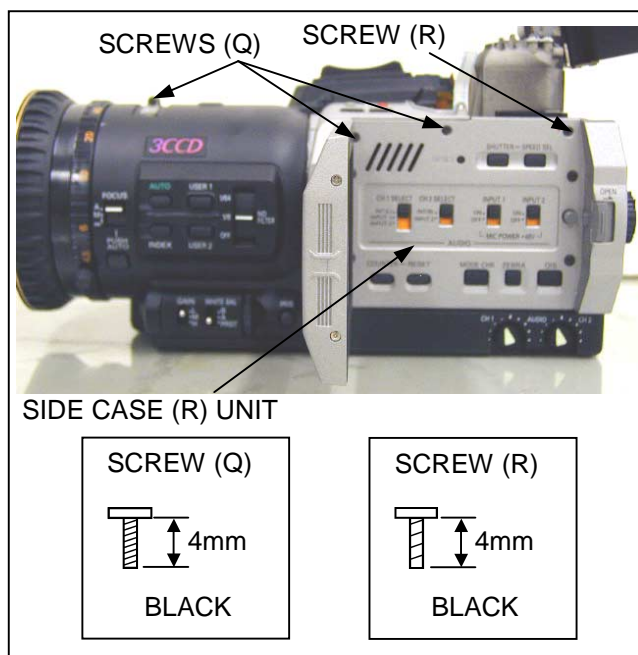
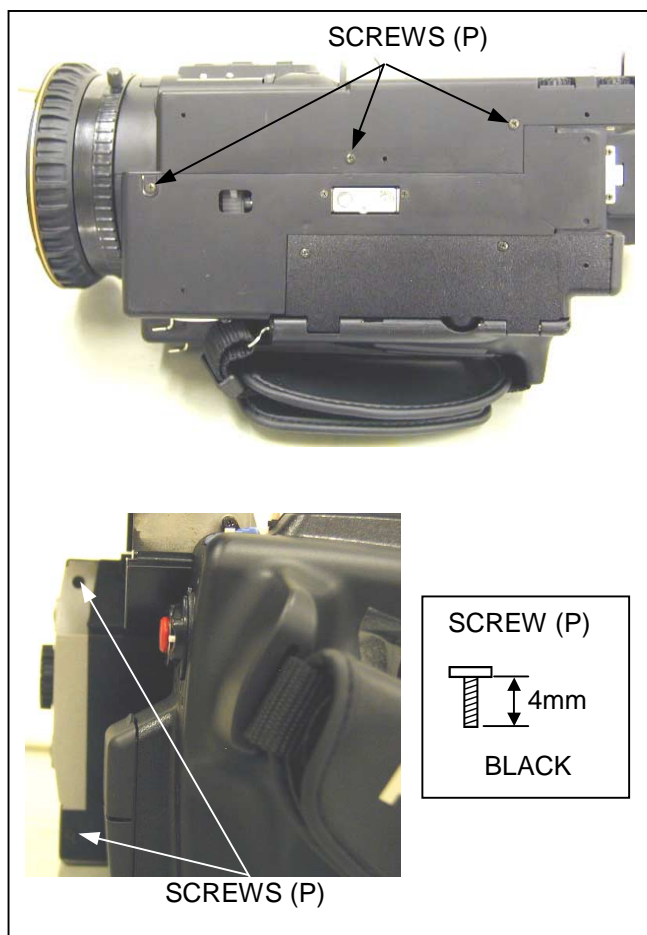
Be careful when connect or disconnect the flexible cable from or to connector P4604, because it have possibility damaging to connector.

### NOTE:

When installing a Side Case (R) unit, make the condition that ND FILTER SW is inserted in the knob(E) of part of ND filter on the lens unit (As for the figure, ND FILTER SW shows the condition of OFF).

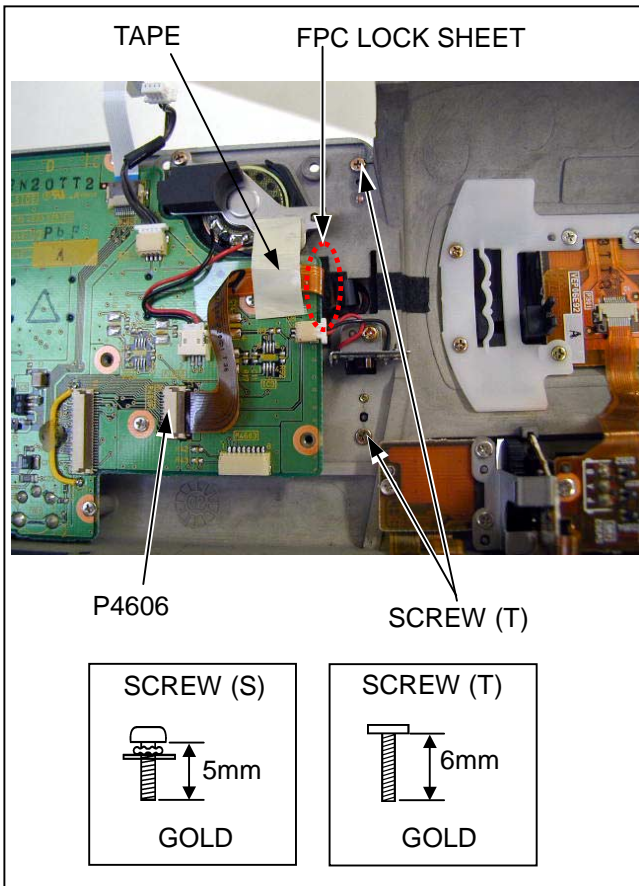
### NOTE:

When installing a Side Case (R) unit, make the condition about line processing.

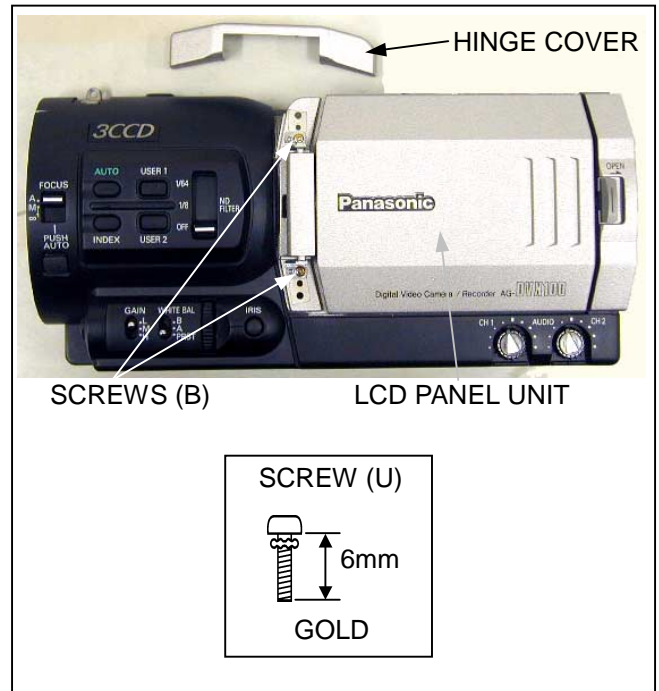


## 10. Removal of LCD Unit

1. Remove the Handle Unit.
2. Remove the Side Case (R) Unit.
3. Unscrew the 2 screws (S) and remove the SIDE (R) SHIELD PLATE (**NOTE:** Picture does not shown below about 2 screws (S) and SIDE (R) SHIELD PLATE).
4. Unscrew the 2 screws (T) and remove the HINGE COVER.
5. Remove the FPC LOCK SHEET.
6. Disconnect a connector P4606 on R-SIDE C.B.A..
7. Unscrew the 2 screws (U) and remove the LCD Unit.



**NOTE:** When installing a TAPE and FPC LOCK SHEET, put on the original position.





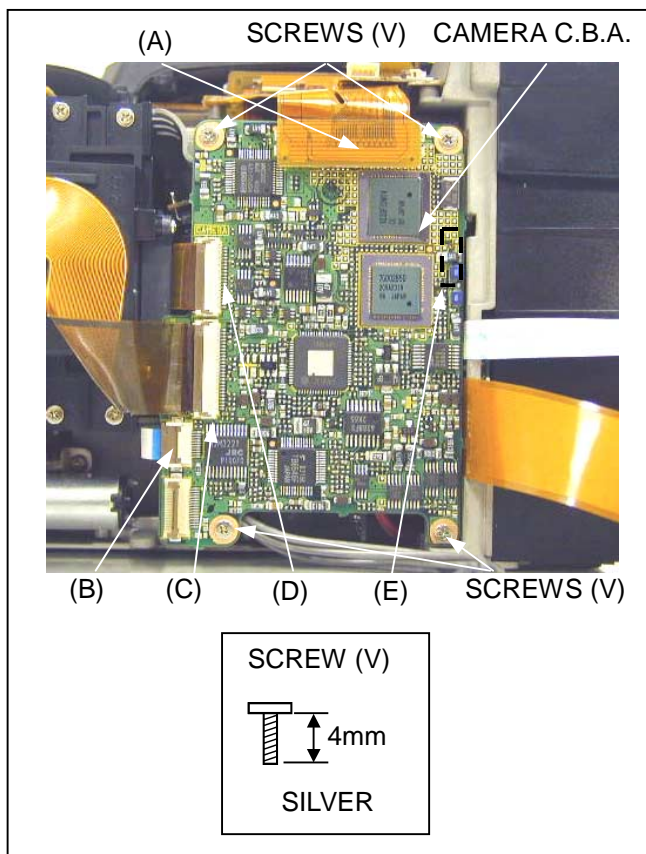
## 11. Removal of CAMERA C.B.A.

1. Remove the Handle Unit.
2. Remove the Top Panel Unit.
3. Remove the Side Case (R) Unit.
4. Disconnect connector (A) on CAMERA C.B.A.
5. Unscrew the 4 screws (V) and remove the CAMERA C.B.A..
6. Disconnect 3 connectors (B), (C) and (D) on CAMERA C.B.A..

### NOTE:

When removal of the CAMERA C.B.A., the connector (E) which connected between CAMERA and EVR CONNECT C.B.A. is disconnected. Be careful give damage to connector (E).

Check the connector has been connected securely when the CAMERA C.B.A. is installed.

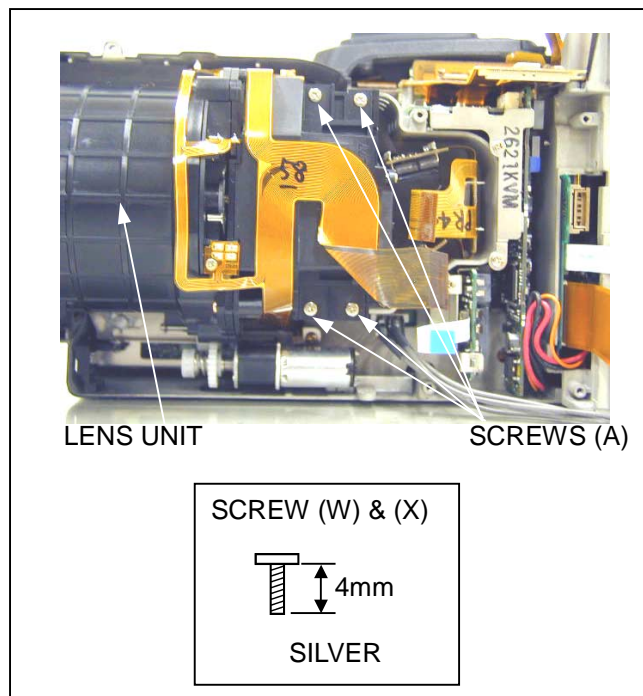


## 12. Removal of Lens Unit

1. Remove the Handle Unit.
2. Remove the Top Panel Unit.
3. Remove the Side Case (R) Unit.
4. Remove the CAMERA C.B.A..
5. Unscrew the 2 screws (W) and remove the SHIELD INSULATION PLATE (**NOTE:** Picture does not shown below about 2 screws (W) and SHIELD INSULATION PLATE).
6. Unscrew the 4 screws (X) and remove the Lens Unit.

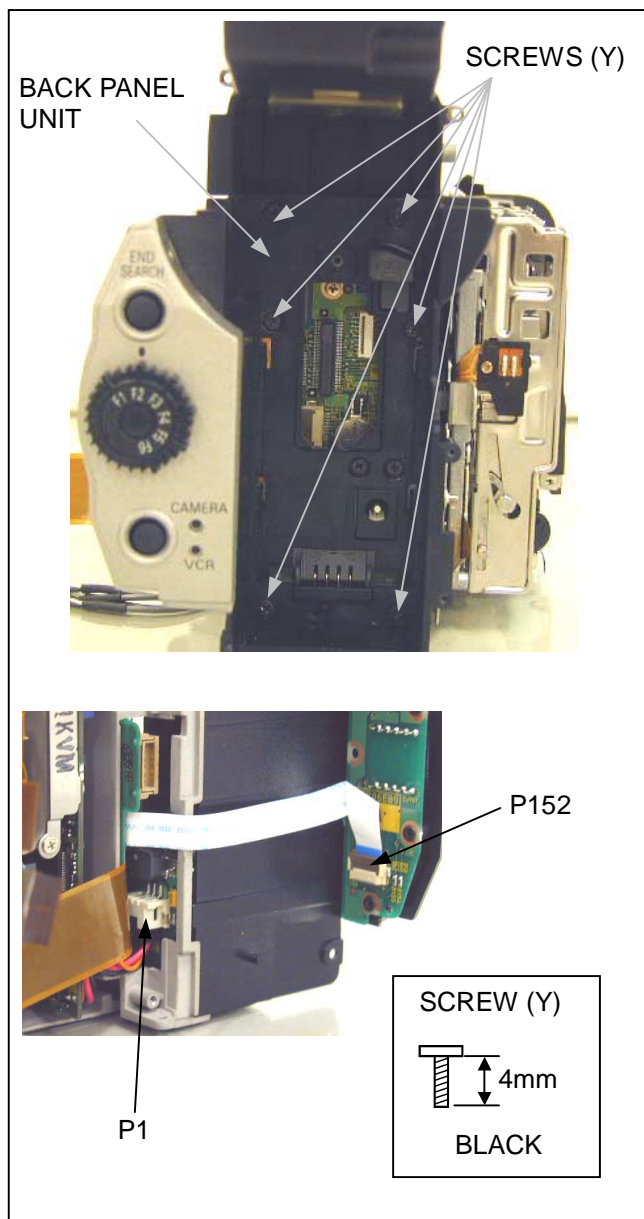
### NOTE:

When installing a Lens Unit, set the ZOOM SW to SERVO position.



### 13. Removal of Back Panel Unit

1. Remove the EVR Cover.
2. Remove the Grip Cover Unit.
3. Remove the Handle Unit.
4. Remove the Top Panel Unit.
5. Remove the Side Case (R) Unit.
6. Remove the CAMERA C.B.A..
7. Unscrew the 6 screws (Y).
8. Disconnect a connector P1 on BATTERY C.B.A.. and remove the Back Panel unit.
9. Disconnect a connector P152 on MODE SW C.B.A..



### 14. Removal of EVR CONNECT C.B.A.

1. Remove the Grip Cover Unit.
2. Remove the Handle Unit.
3. Remove the Top Panel Unit.
4. Remove the Side Case (R) Unit.
5. Remove the CAMERA C.B.A..
6. Remove the Back Panel Unit.
7. Unscrew the 2 screws (Z) and remove the EVR CONNECT C.B.A..

