



# Broadcast Products Technical Bulletin 20-2009-202

DATE: November 9, 2009

SUBJECT: PLAY IN GUARD ROD

MODEL: *HDC1400//UL*  
*HDC1400/L*  
*HDC1400/T*  
*HDC1400/T*  
*HDC1450//UF*  
*HDC1450/K*  
*HDC1500//UL*  
*HDC1500/L*  
*HDC1500/L*  
*HDC1500/L1*  
*HDC1500/L2*  
*HDC1500/T*  
*HDC1500/T2*  
*HDC1550//UF*  
*HDC1550//UF1*  
*HDC1550/F*  
*HDC1550/K*  
*HDC1550/K1*  
*HDC1550/K2*  
*HDC1580/L*  
*HDC1580/L1*  
*HDC1580/T*  
*HDC3300/L*  
*HDC3300/L*  
*HDC3300/T*  
*HDC3300/T*

SERIAL NO: ALL

*Italicized information in green applies to customers outside the United States.*

## DESCRIPTION

The guard rod may have play if the lock ace (M2) screws securing the rod lack sufficient tightening torque or if the rod is repeatedly bumped during transportation. (See Figure 1.)

If the camera is still used while the screws are loose, the screws may fall off and drop inside the camera.

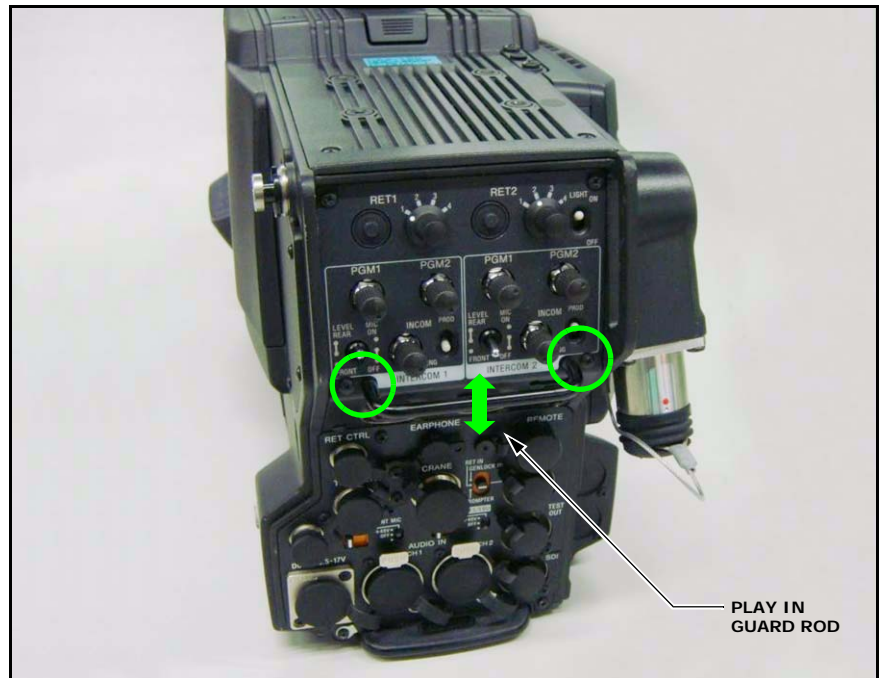


Figure 1

## MODIFICATION PROCEDURE

Move the guard rod up and down to confirm play. If the guard rod has play, perform the following procedure.

(See Figure 2.)

1. Remove the INCOM panel assembly from the camera (six screws, FFC).
2. Remove the two INCOM connectors (CN-2618) from the INCOM panel assembly (four screws).
3. Remove the two INCOM panel boards (SW-1273/SW-1241) from the INCOM panel assembly (three screws).

**NOTE:** Remove the return select knobs carefully because they are attached with locking compound.

HDVM09-047

4. Confirm that the guard rod and lock ace (M2) screws are not damaged. If the parts are damaged, replace them with new parts:

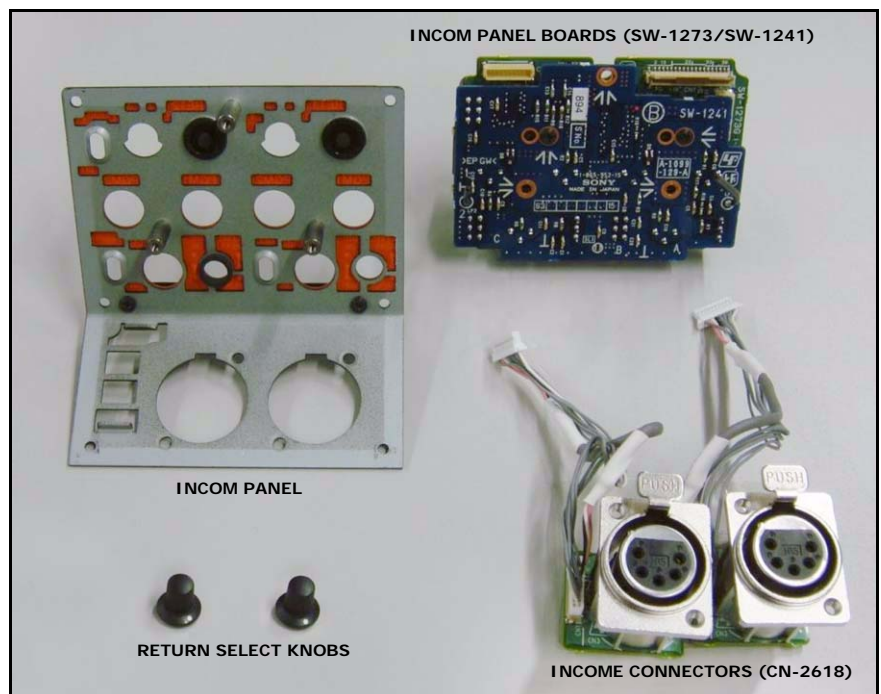
Guard rod 3-903-661-01

Lock ace (M2) 4-654-273-02 (2 pcs)

5. Apply locking compound to the lock ace (M2) screws, and install the guard rod to the INCOM panel assembly using a tightening torque of 0.3 N·m (3 kgf·cm).
6. Reassemble the INCOM panel assembly to the chassis in reverse order of disassembly.

**NOTE:**

- Apply locking compound to the return select knobs when reinstalling them.
- Insert the connector carefully because the FFC is short.



**Figure 2**

**CONFIRMATION**

Confirm that INCOM functions properly.

**ORDERING INFORMATION**

To order parts online, go to: [www.sony.com/servicesplus](http://www.sony.com/servicesplus). For service or parts ordering assistance, refer to the following document, which lists all contact telephone numbers:

Technical Bulletin 00-1999-000