

VDCDS TECHNICAL FIELD BULLETIN

To: Dealers/Manual Subscribers

Date: 9/13/2002

VDCDS TFB No.: TFB001VDCDS

VDCDS Ref No.: N/A

VDCDS Model: All 8" and 9" MARQUEE® Series Projectors Manufactured Prior to Sept. 2002

Requirement: Next scheduled maintenance or service call.

Subject: Increase insulation & spacing around HV Splitter

Corrective Action: Reposition the HV Splitter assembly

PARTS REQUIRED

Part Number	Description	Qty	Circuit Symbol
N/A	N/A	N/A	N/A

TOOLS / MATERIALS REQUIRED (not provided)

Phillips screwdriver	Long Needle Nose Pliers	
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1.0 Rework Instructions:

1.1 Removing the HV Splitter (Refer to Figure 1)

CAUTION: All hardware is not captive.

Step 1. Turn projector "off", remove ac power.

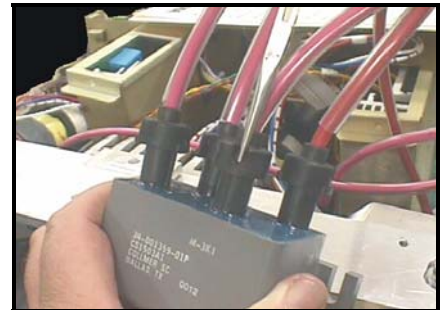
! Allow approximately 5-minutes for High Voltage to discharge.

Step 2. Disconnect the four (4) HV leads to the HV Splitter assembly. The long needle nose pliers can be used to remove and reinstall the HV connectors.

! Do not touch the metal tip of HV lead. To ensure CRT/HV discharge, touch the metal end of the lead to any exposed metal surface.

Step 3. Loosen the two (2) Phillips screws securing the HV Splitter. Place the splitter assembly in a secure location.

Step 4. Remove the four (4) smaller Phillips screws securing the mounting plate.



Insert needle nose tips into cap slots & twist.

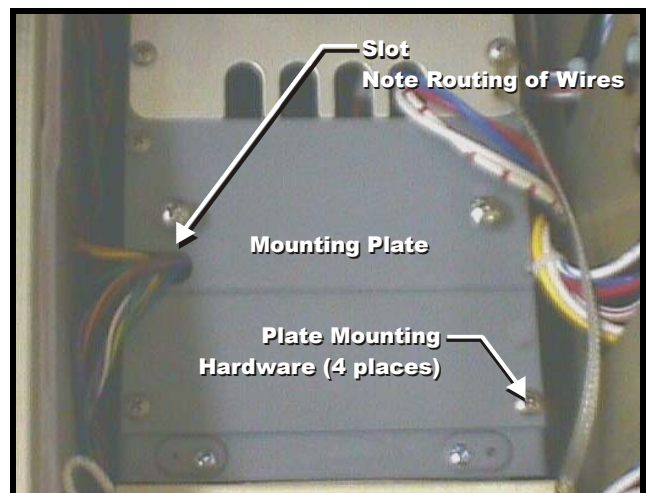
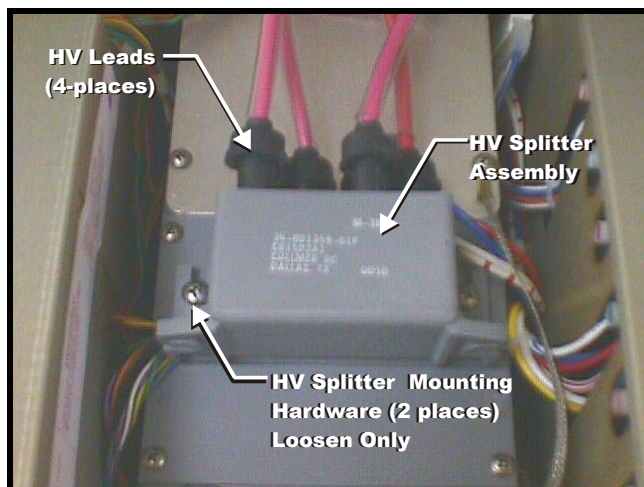


Figure 1. HV Splitter and Plate Removal


1.2 Reposition Plate and HV Splitter (Refer to Figure 2)

Step 1. Rotate the mounting plate 180°, so that the slot is now on the right side, (as viewed from the back, table mounted)

Step 2. Reroute the wires as shown in Figure 2.

Step 3. Mount the plate using the four (4) smaller Phillips screws previously remove in Section 0.0, Step 4.

Step 4. Connect the four (4) HV leads previously removed back into the splitter assembly.
NOTE: Be sure that all connections are firmly made and they are straight and "snapped" into place.

 Be sure that the HV lead from the High Voltage Power Supply (HVPS) is plugged into the connector labeled "IN" on the splitter. See picture insert.

Step 5. Reinstall the HV Splitter assembly. It may be necessary to redress the HV leads.



Insert

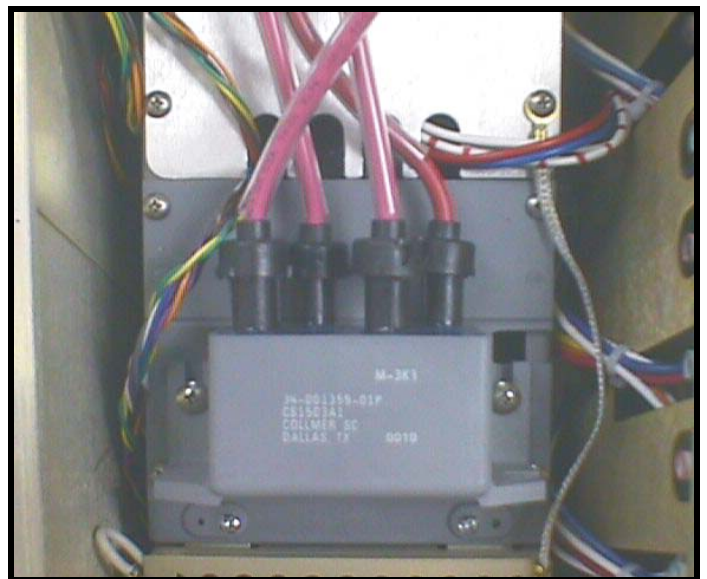
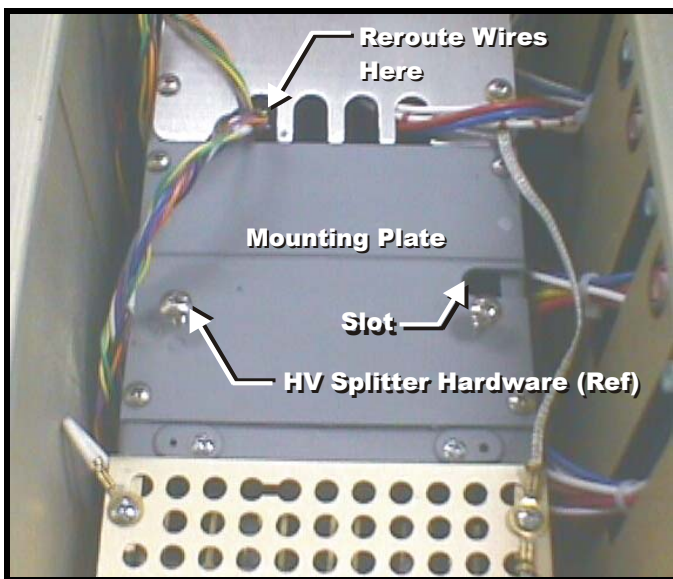


Figure 2. Mounting Plate and HV Splitter Repositioned

- End of Rework -