

INSTRUMENT DISASSEMBLY

Cabinet Back Removal

Remove 1/4 inch hex head screws holding cabinet back and remove.

Chassis Frame Assembly Removal

1. Remove Cabinet Back.
2. Disconnect:
 - Front panel assembly connector, P3001.
 - Speaker connector, P1904.
 - Degaussing connector, PDEGAUSS.
 - Deflection Yoke connectors, P-VERT and P-HORIZ.
 - Kine Ground connector, P5001, from Kine Socket Board.
 - Kine Socket Board from Picture Tube neck.
 - Anode connector from Picture Tube.

Caution: Discharge anode lead before attempting to remove.

3. Remove two (2) each 1/4 inch hex head screws.

Note: On console model and wood table model instruments, screws are located left and right sides near rear of chassis frame assembly. To remove chassis frame from cabinet lift up slightly on rear of frame and pull to the rear.
On plastic table model instruments, screws are located left and right sides near front and bottom of chassis frame assembly. Two plastic tabs located on the bottom front must also be released to remove chassis frame from cabinet front.

4. To reassemble, reverse procedure.

Chassis Circuit Board Removal

1. Remove Cabinet Back.
2. Remove two (2) each phillips head screws, lower left and right sides of rear panel.
3. Release plastic tabs right and left sides of rear panel assembly.
4. Using a right to left rocking motion and exerting a pulling pressure, work rear panel and chassis circuit board from frame assembly.
5. To reassemble, reverse procedure.

Cabinet Mask Removal

1. Remove Cabinet Back. Remove Chassis Frame Assembly (See procedure).
2. Press plastic mounting tabs toward outer edge of cabinet to release. Work around mask assembly releasing tabs until mask is free. There are three (3) each tabs top, bottom, left and right sides.
3. Remove mask assembly.
4. To replace mask assembly, line up plastic tabs with slots in cabinet front assembly. Press firmly at each tab point until tab snaps into place.

Note: If the plastic mounting tabs are broken during the removal process, holes have been provided in the cabinet front and mask assemblies so that short 1/4 inch hex head self tapping screws can be used to remount the mask assembly.

Front Control Panel (FPA) Removal

1. Remove Cabinet Back, Chassis Frame Assembly and Mask Assembly (see procedures).
2. Remove FPA (customer control) circuit board.
3. To reassemble, reverse procedure.

PICTURE TUBE REMOVAL

Caution: Read *Safety Precautions* before attempting picture tube removal/replacement.

1. Remove Cabinet Back and Chassis Frame Assembly (see procedures).
2. Lay instrument face down on soft surface.
3. Remove four (4) each 5/16 inch hex head mounting screws (1 at each corner).
4. Lift picture tube up and out of the cabinet. DO NOT grasp/lift picture tube by the neck.

Note: Refer to Purity, Convergence and Color Temperature Adjustments for Set Up procedures.