

DISASSEMBLY

Direct View Models

Lower Back Cover Removal

The back cabinet is held in place with several T-20 Torx head screws. The number and placement of the screws may vary with cabinet designs.

Chassis Tray/Front Control Panel/Front AV Jack/ Removal/Service Position

- 1. Remove the Back Cabinet Assembly
- 2. Lift sides of chassis tray assembly
- 3. Slide chassis tray assembly away from CRT approximately 2 - 3".
- 4. Chassis will release from bottom cabinet assembly.
- 5. Remove 1 T-20 Torx head screw from Front A/V Jack Housing.
- 6. With a small screwdriver release tab securing Front A/V Housing to Cabinet Assembly. Slide Housing away from cabinet to remove.
- 7. Remove 2 T-20 Torx head screws mounting Front Control Panel to Front Cabinet Assembly.
- 8. Chassis may now be placed in the Service Position. See diagram below.
- 9. To place chassis tray back into the cabinet, align the bottom of the chassis tray with the locking mechanism of the bottom cabinet assembly.
- 10. Slide chassis towards the CRT. Chassis will drop into the locking mechanism. Continue to slide forward to lock chassis into place.

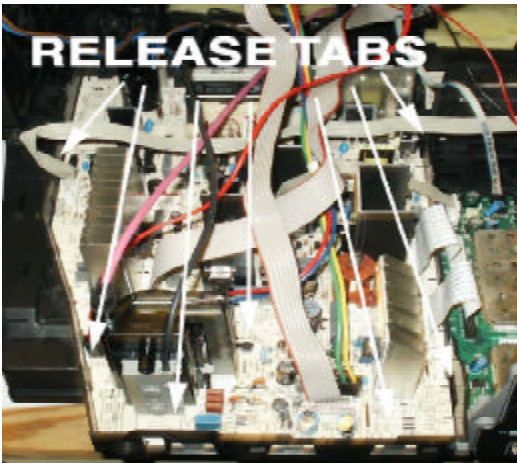
**Note:** Lead dress is critical to the performance of the instrument. Care should be taken to dress all leads in their original positions. See section on Critical Lead Dress.

CRT Removal

- 1. Remove Back Cabinet Assembly (See Back Cabinet Removal).
- 2. Disconnect cables to Speaker Assemblies, Front Panel Assembly, Degauss Coil, Deflection Yoke, Field Correction Coil and SVM Coil.
- 3. Remove Front A/V Assembly. (See Front AV Jack Removal, step 6).
- 4. Remove Anode Lead from CRT. Care should be taken to prevent shock before removal. Discharge CRT Anode to CRT Ground.
- 5. Remove Kine Drive PCB from CRT.
- 6. Disconnect CRT Ground Lead.
- 7. Remove Chassis Tray Assembly. (See steps 2 and 3 of Chassis Tray Removal).
- 8. Remove Degauss Coil and Degauss Coil clips from CRT.
- 9. Remove Field Correction Coil.
- 10. Lay instrument face down on a soft surface to prevent damage to the Front Cabinet Assembly and CRT face.
- 11. Remove 4, 10mm bolts securing CRT to Cabinet Assembly.
- 12. Carefully remove CRT from Cabinet Assembly. Remove Ground Strap and place on new CRT.
- 13. Reinstall in reverse order.

Power Supply/Scan PCB Removal

- 1. Remove Chassis Tray from bottom Cabinet Assembly (See Chassis Tray Removal).
- 2. Remove Dynamic Focus PCB.
- 3. Disconnect cables
- 4. Press tabs to release Power Supply/Scan PCB from the Chassis Tray.
- 5. Lift PCB from the rear to remove from chassis tray. Reinstall in reverse order.



Mains Input Doubler (MID) PCB Removal

- 1. Remove chassis tray from cabinet assembly (See Chassis Tray Removal).
- 2. With a small screwdriver release 2 tabs holding MID bracket to chassis tray.
- 3. Disconnect cables.
- 4. Release tabs on chassis tray.
- 5. Lift MID PCB from the chassis tray.

Small Signal (SSB) PCB Removal

- 1. Remove DRI PCB (See above).
- 2. Remove DRI PCB Bracket. Release 2 tabs at front of bracket. Lift front of bracket to remove from chassis tray.
- 3. Remove 3 T-10H Torx head screws from Jack Panel portion of the Chassis Tray Assembly.
- 4. Disconnect cables.
- 5. Release tabs on Chassis Tray Assembly.
- 6. Slide Small Signal PCB towards the front of the instrument and lift out to remove.
- 7. Reinstall in reverse order.

