

SECTION 3 – SYSTEM START UP

3-1 RETURNING SHIPPING MATERIAL

The shipping material must be returned **as soon as possible**. Prompt return is required so that production shipments can continue with these labor saving dollies and carts. These can be included with the “Return pile”, Recycling Operation will route them to appropriate location.

3-2 PHANTOMS AND SERVICE KITS

1. Locate Phantom Kit (Loader with Head TLT sphere, Loader with Body TLT Sphere, Surface Coil Sphere with holder, and Grafidy2 Phantom Holder base plate), and SPT Phantom Cart Kit.
2. Unpack the phantoms carefully to reduce risk of damage, breakage, or chemical spill.
3. Place service phantoms into SPT Phantom Cart or in a service storage cabinet to be organized and ready for be used during applicable checks and calibrations. The DQA Phantom is to be stored in a customer designated location.
4. Locate TPS RF I/F Kit (if applicable) and Signa Spares Kit. Place kits into service storage cabinet to be ready for use.

3-3 POWER ON

1. Notify field service and other installation personnel that are working at the site that the PDU main disconnect locks and tags will be removed so PDU power can be turned on.
2. Restore power to the PDU from main disconnect.
3. Refer to the CD-ROM, Set-Up & Calibration, and perform the following:
 - PDU Voltage Checks Compact
 - Startup Checks Compact
 - Transformer Taps Compact
4. Press the FULL ON button on the PDU front control panel.
5. Except for the SGD Gradient Cabinet power modules, switch all cabinet circuit breakers to ON. The SGD power module circuit breakers should remain OFF until room humidity stabilizes under 60%.

3-4 CALIBRATION AND SYSTEM CHECKS

Refer to Installation Flow Chart to perform:

- Software load and Configuration file edit.
- Functional checks
- Set-up and calibration
- System performance checks

3-5 FINAL COORDINATION

1. Complete assembly of PPG cable and probe head.
2. Consult with customer as to location of PPG Cable and install PPG cable hooks on front or side of Magnet Enclosure front cover.
3. Consult with customer as to location of Operator Alert squeeze bulb. Install bulb hook on front or side of Magnet Enclosure front cover. Route, terminate, and connect tubing at PAC Assembly connection. Verify squeeze bulb will operate alarm.
4. Replace cabinet covers that have not been previously replaced.
5. Replace Magnet Enclosure covers that have not been previously replaced. Close and latch front and rear covers.
6. Replace Rear Pedestal covers.
7. Dock Patient Transport in position at front of bore.
8. Record and enter applicable data into applicable site configuration files and records.
9. Process product locator installation cards for all serialized components added to the system to include product locator card supplied with the upgrade serial number rating plate. Return to:

**Product Locator File
P.O. Box 414, W-523
Milwaukee, WI 53201-0414**

Note

Failure to fill out and return Product Locator Cards may result in failure of your site to receive future FMI's.

10. Process the **Supplier Performance Report** located in Common Forms. A reference copy of the form is provided at the end of this section.
11. Process the **Global Installation Feedback Form** attached to the Technical Publications shipping box. A reference copy of this form is also provided at the end of this section.
12. Store the delivered site's set of service tools and spares kit in service cabinet at site.
13. Locate surface coil ("quick disconnect") adapters and any optional surface coils and positioning accessories and place on Patient Transport. Be sure only the correct polarity (normal or reverse **but not both**) head coil adapter is left at site.
14. Locate Box "To be opened by Applications Specialist" and set aside for later visit by Applications Specialist.
15. Leave the site's set of Manuals and CD-ROM at site. Organize and set up reference cabinet for the Manuals.
16. Locate Material Safety Data Sheets (MSDS) packed with phantoms and gradient coil coolant. They must be retained on site. Customer is to be informed that material with MSDS was brought into site and customer should know/decide where MSDS should be retained at site.
17. Verify that coordination of application support for instruction of site users on Software Release 5.5 or 8.0 has been made before returning system to the users. Turn site over to applications who will instruct users.