

The 4009-9806 Earth Detect Module (Part No. 565-558) shipping group (748-394) consists of the items shown in the following table. Make certain that you have all of the parts you'll need before you begin.

| Nomenclature              | Engineering Number | Quantity |
|---------------------------|--------------------|----------|
| PC Assembly               | 565-558            | 1        |
| Standoff                  | 524-264            | 2        |
| Screw (#8)                | 412-073            | 2        |
| Washer (#8)               | 268-010            | 2        |
| Harness                   | 733-901            | 1        |
| Installation Instructions | 574-833            | 1        |
| Envelope                  | 570-017            | 1        |

Install the 4009-9806 Earth Detect Module using the following procedure.

- Power down the 4009.
  - Disconnect the batteries and the AC.
- Locate two studs, two inches apart, above the transformer. (See Figure 1.)
- Screw the two 524-264 standoffs to these studs. (See Figure 2.)
- Assemble the 565-558 Earth Detect Module to these standoffs using the two 412-073 screws and 268-010 washers. (See Figure 3.)
- Remove the existing 733-804 wiring harness from the Power Supply four-position connector P2.
- Reconnect this wiring harness to Connector P2 on the Earth Detect Module.
- Connect the 733-901 wiring harness from Earth Detect Module Connector P1 to Power Supply Connector P2.
- Go to the signal card (see note) that is now connected to the Earth Detect Module by the 733-804 wiring harness and place Signal Card Jumper P5 in the 1-2 position.

**Note:** The Earth Detect Module can only be used with Signal Card(s) that have 565-569 and 565-545 Part Numbers.

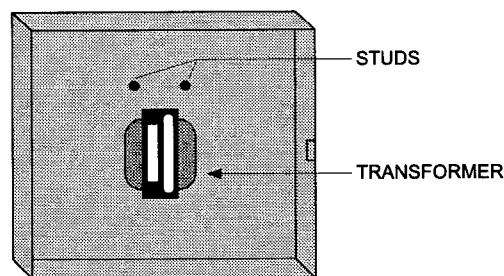


FIGURE 1

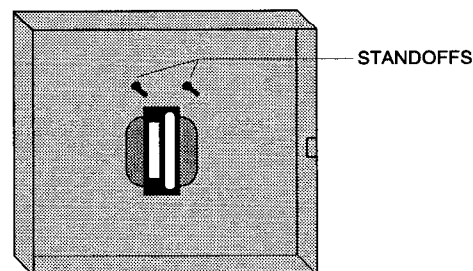


FIGURE 2

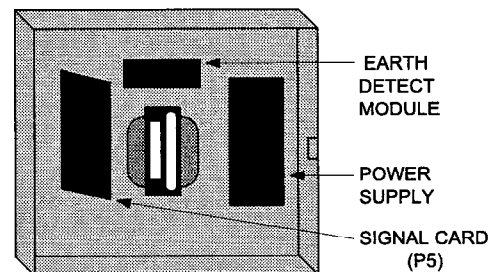


FIGURE 3

