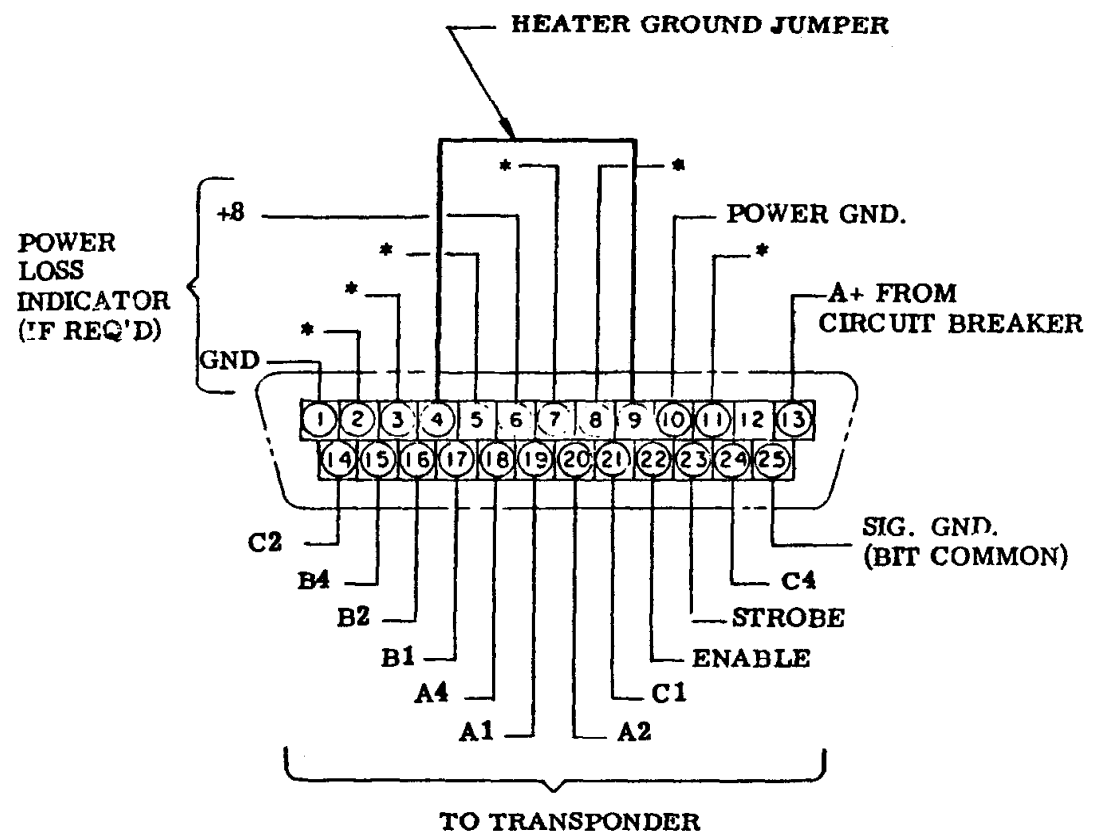
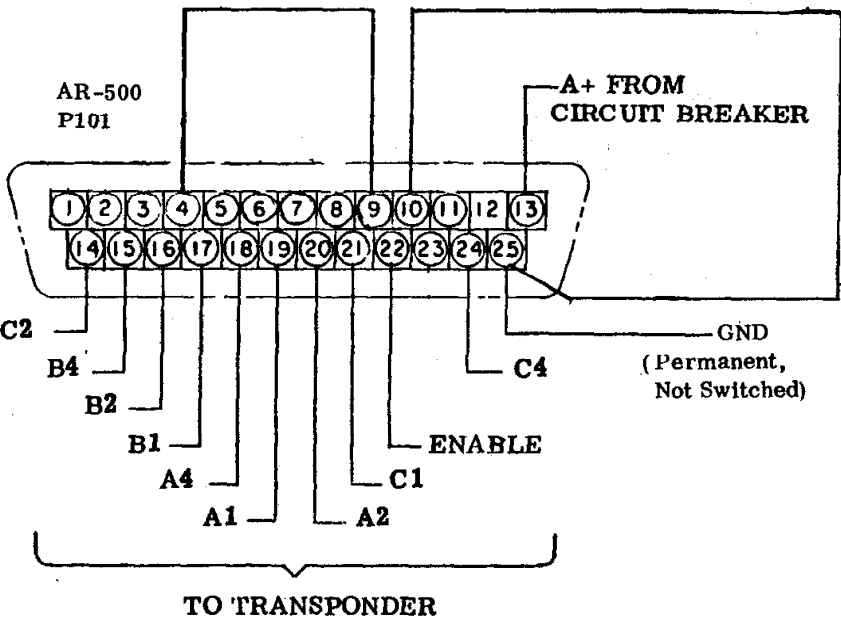


A. General Connections. Refer to Section 2-8 for the AR-500 to NARCO transponder connections.

**\* DO NOT CONNECT TO ANY EXTERNAL SOURCE**



B. Recommended connections of AR-500 to Non-Narco transponders.



If transponder enables altitude reporting internally: Connect enable (pin 22) to ground (pin 10 or 25). This energizes data bit lines continuously. Connect pins 10 and 25 to a permanent ground.

If transponder enables altitude reporting by switching digitizer ground: Connect as shown with enable (pin 22) connected to switched ground, connect pins 10 and 25 to a permanent ground.

NOTES:

1. Before assembling check the hood to be sure the #4-40 screw holes are threaded. If holes are not threaded use the self-threading screws to thread the holes before installing shoulder screws.
2. Hardware included but not used:
  - A. two self-threading screws
  - B. two #4 split lock washers
  - C. two #4 nuts

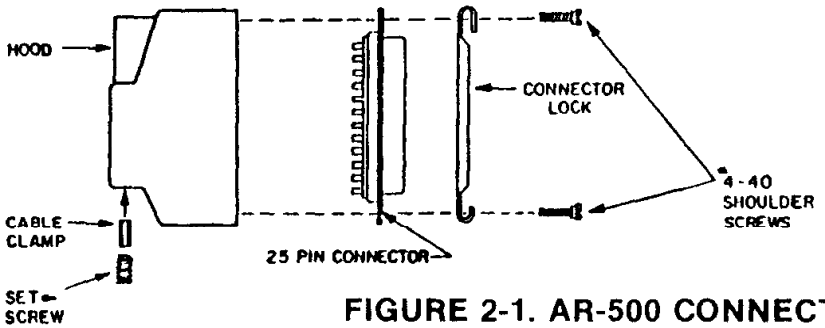


FIGURE 2-1. AR-500 CONNECTOR WIRING DIAGRAM