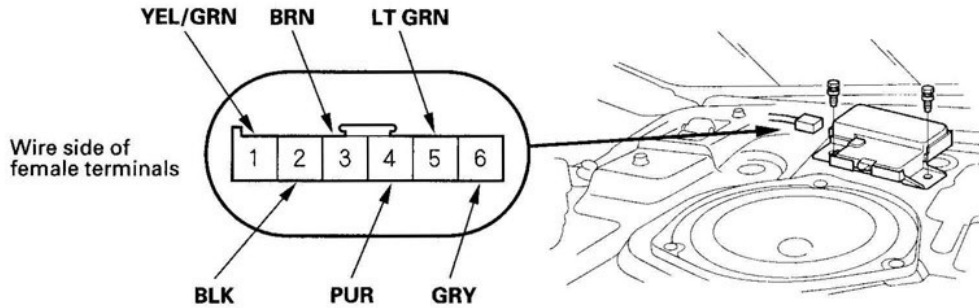


# Display Panel Control System

## Electrical Compass Unit Input Test

1. Remove the rear shelf (see page 20-70).
2. Disconnect the 6P connector (A) from the electrical compass unit (B).



3. Inspect the connector and socket terminals to be sure they are all making good contact.
  - If the terminals are bent, loose, or corroded, repair them as necessary, and recheck the system.
  - If the terminals look OK, go to step 4.
4. Reconnect the connector to the electrical compass unit, and perform the following input tests at the connectors.
  - If any test indicates a problem, find and correct the cause, then recheck the system.
  - If all input tests prove OK, the electrical compass unit must be faulty; replace it, and do the compass calibration (see page 23-219).

Cavity	Wire	Test Condition	Test: Desired result	Possible cause if result is not obtained
2	BLK	Under all conditions	Measure the voltage to ground: There should be less than 0.5 V.	<ul style="list-style-type: none"> <li>• Poor ground (G604)</li> <li>• An open in the wire</li> </ul>
1	YEL/GRN	Ignition switch ON (II)	Measure the voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 20 (15 A) fuse in the under-dash fuse/relay box</li> <li>• An open in the wire</li> </ul>
3	BRN	Ignition switch ON (II)	Measure the voltage to ground: There should be about 4 V.	<ul style="list-style-type: none"> <li>• Faulty display unit</li> <li>• An open in the wire</li> <li>• A short to ground in the wire</li> </ul>
4	PUR	Ignition switch ON (II)	Measure the voltage to ground: There should be about 4 V.	<ul style="list-style-type: none"> <li>• Faulty display unit</li> <li>• An open in the wire</li> <li>• A short to ground in the wire</li> </ul>
5	LT GRN	Ignition switch ON (II)	Measure the voltage to ground: There should be about 4 V.	<ul style="list-style-type: none"> <li>• Faulty display unit</li> <li>• An open in the wire</li> <li>• A short to ground in the wire</li> </ul>
6	GRY	Ignition switch ON (II)	Measure the voltage to ground: There should be about 4 V.	<ul style="list-style-type: none"> <li>• Faulty display unit</li> <li>• An open in the wire</li> <li>• A short to ground in the wire</li> </ul>