

# Cruise Control

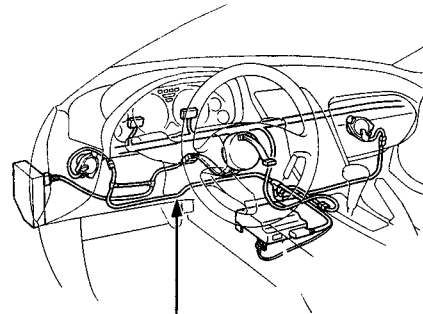
## Control Unit Input Test

### CAUTION:

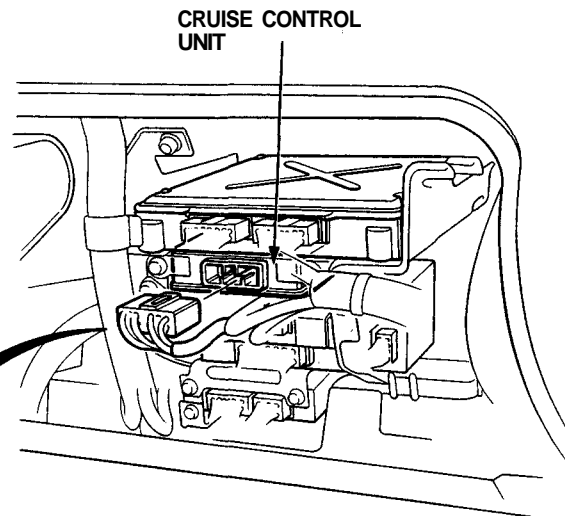
- All SRS electrical wiring harnesses are covered with yellow outer insulation.
- Before disconnecting the SRS wire harness, install the short connector on the airbag (see page 23-323).
- Replace the entire affected SRS harness assembly if it has an open circuit or damaged wiring.

Remove the glove box, then disconnect the 14-P connector from and the control unit. Make the following tests at connector terminals:

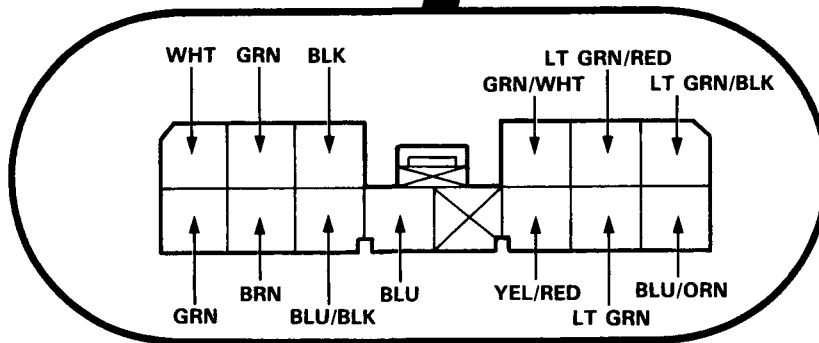
NOTE: Recheck the connections between the 14-P connector and from the control unit, then replace the control unit if all input tests prove OK.



SRS MAIN WIRE HARNESS



CRUISE CONTROL UNIT



View from wire side



| No. | Wire       | Test condition  | Test: desired result   | Possible cause (if result is not obtained)   |
|-----|------------|---|--|--|
| 1   | BLK        | Under all conditions.   | Check for continuity to ground: There should be continuity.  | <ul style="list-style-type: none"> <li>• Poor ground (G401, G402).</li> <li>• An open in the wire.</li> </ul>  |
| 2   | LT GRN     | Ignition switch ON and main switch ON.  | Check for voltage to ground: There should be battery voltage.  | <ul style="list-style-type: none"> <li>• Blown No. 5 (10A) fuse.</li> <li>• Faulty main switch.</li> <li>• An open in the LT GRN or YEL wire.</li> </ul>   |
| 3   | LT GRN/BLK | RESUME button pushed.   | Ground each terminal: Horns should sound as the switch is pushed.  | <ul style="list-style-type: none"> <li>• Blown No. 45 (20A) fuse.</li> <li>• Faulty SET/RESUME switch.</li> <li>• Faulty cable reel.</li> <li>• An open in the WHT/GRN, BLU/RED, LT GRN/BLK or LT GRN/RED wire.</li> </ul> |
| 4   | LT GRN/RED | SET button pushed.  |  |  |
| 5   | BLU/ORN    | M/T: Clutch pedal pushed.<br>A/T: Shift lever in 2, 3 or D.                               | Check for continuity to ground: There should be continuity.  | <ul style="list-style-type: none"> <li>• Faulty or misadjusted clutch switch (M/T).</li> <li>• Faulty shift position console switch (A/T).</li> <li>• Poor ground (G401, G402).</li> <li>• An open in the wire.</li> </ul> |
| 6   | GRN        | Start the engine.   | Check for voltage to ground: There should be battery voltage.  | <ul style="list-style-type: none"> <li>• Faulty ignition system or PGM-FI ECU.</li> <li>• An open in the wire.</li> </ul>  |
| 7   | YEL/RED    | Ignition switch ON and main switch ON. Raise the rear of the car rotate one wheel slowly. | Check for voltage between the LT GRN ⊕ and YEL/RED ⊖ terminals: There should be 0–5–0–5 V repeatedly.                | <ul style="list-style-type: none"> <li>• Faulty speed sensor.</li> <li>• An open in the wire.</li> </ul>   |
| 8   | GRY        | Ignition switch ON, main switch ON and brake pedal pushed, then released.                 | Check for voltage to ground: There should be 0 V with the pedal pushed and battery voltage with the pedal released.  | <ul style="list-style-type: none"> <li>• Faulty brake light switch.</li> <li>• An open in the GRY or LT GRN wire.</li> </ul>   |
| 9   | GRN/WHT    | Brake pedal pushed, then released.  | Check for voltage to ground: There should be battery voltage with the pedal pushed, and 0 V with the pedal released. | <ul style="list-style-type: none"> <li>• Faulty brake light switch.</li> <li>• An open in the wire.</li> </ul>   |
| 10  | BLU/BLK    | Ignition switch ON.   | Attach to ground: Indicator light in the gauge assembly comes on.  | <ul style="list-style-type: none"> <li>• Blown bulb.</li> <li>• Blown No. 5 (10A) fuse.</li> <li>• Faulty dimming circuit in the gauge assembly.</li> <li>• An open in the wire.</li> </ul>                                |
| 11  | BRN        | Connect the battery positive to the BRN terminal and negative to the BLU terminal.        | Check the operation of the actuator motor: There should be able to hear motor.                                       | <ul style="list-style-type: none"> <li>• Faulty actuator.</li> <li>• An open in the wire</li> </ul>  |
| 12  | BLU        |   |  |  |
| 13  | WHT        | Connect the battery positive to the BRN/WHT terminal and negative to ground.              | Check the operation of the magnetic clutch: clutch should click and output link should be locked.                    | <ul style="list-style-type: none"> <li>• Faulty actuator.</li> <li>• An open in the wire.</li> <li>• Poor ground (G302).</li> </ul>  |