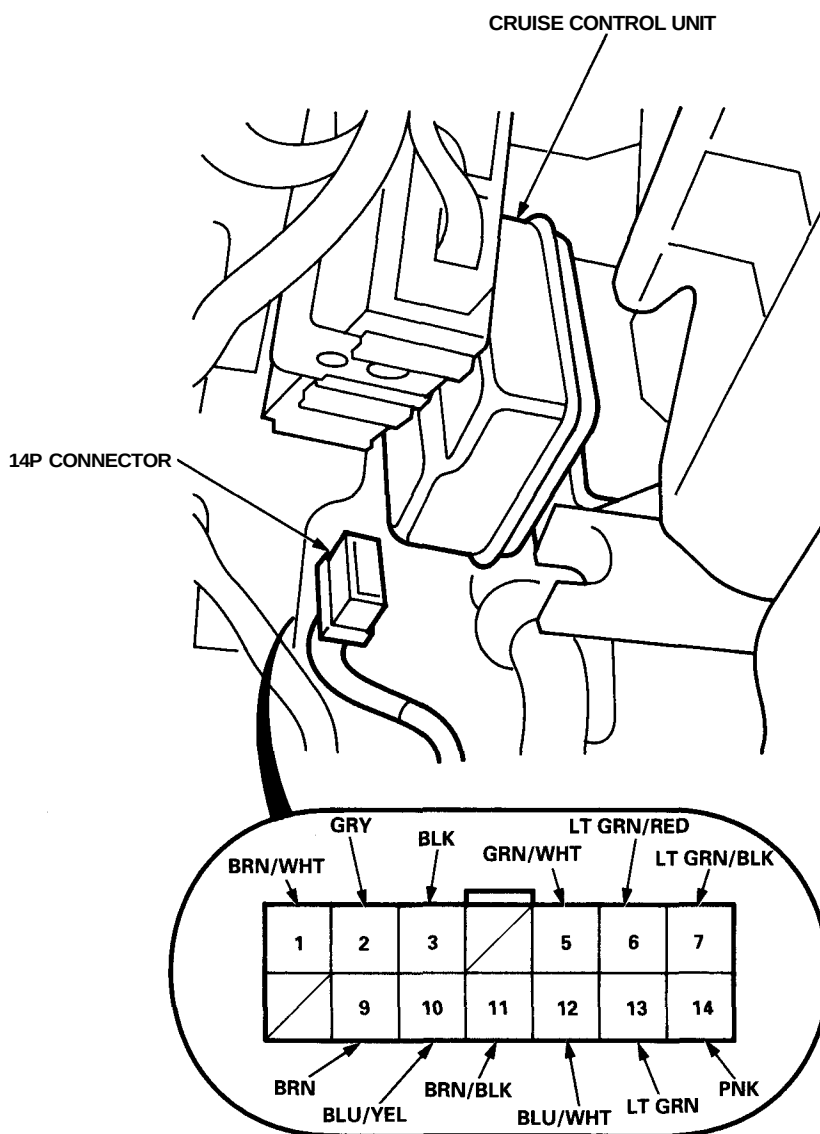


Control Unit Input Test

SRS components are located in this area. Review the SRS component locations, precautions, and procedures in the SRS ([section 24](#)) before performing repairs or service.

1. Disconnect the 14P connector from the control unit.
2. 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, make the following input tests at the connector.
 - If any test indicates a problem, find and correct the cause, then recheck the system.
 - If all the input tests prove OK, the control unit must be faulty; replace it.



(cont'd)

Cruise Control

Control Unit Input Test (cont'd)

Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
3	BLK	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402) • An open in the wire
13	LT GRN	Ignition switch ON (II) and main switch ON	Check for voltage to ground: There should be battery voltage.	• Blown No. 20 (20 A) fuse in the under-dash fuse/relay box • Faulty main switch • An open in the wire
7	LT GRN/BLK	Resume button pushed	Check for voltage to ground: There should be battery voltage. When testing terminal No. 7, there should be no voltage on terminal No. 6.	• Blown No. 39 (15 A) fuse in the under-hood fuse/relay box • Faulty horn relay • Faulty set/resume/cancel switch • Faulty cable reel • An open in the wire • Short between LT GRN/BLK and LT GRN/RED wires
		Cancel button pushed	Check for voltage to ground: There should be battery voltage. When testing terminal No. 7, there should be voltage on terminal No. 6.	• Blown No. 39 (15 A) fuse in the under-hood fuse/relay box • Faulty horn relay • Faulty set/resume/cancel switch • Faulty cable reel • An open in the wire
6	LT GRN/RED	Set button pushed	Check for voltage to ground: There should be battery voltage. When testing terminal No. 6, there should be no voltage on terminal No. 7.	• Blown No. 39 (15 A) fuse in the under-hood fuse/relay box • Faulty horn relay • Faulty set/resume/cancel switch • Faulty cable reel • An open in the wire • Short between LT GRN/BLK and LT GRN/RED wires
		Cancel button pushed	Check for voltage to ground: There should be battery voltage. When testing terminal No. 6, there should be voltage on terminal No. 7.	• Blown No. 39 (15 A) fuse in the under-hood fuse/relay box • Faulty horn relay • Faulty set/resume/cancel switch • Faulty cable reel • An open in the wire
14	PNK	Shift lever in 2 , D_s or D_L	Check for continuity to ground: There should be continuity. NOTE: There should be no continuity when the shift lever is in other positions.	• Faulty A/T gear position switch • Poor ground (G401, G402) • An open in the wire
12	BLU/WHT	Ignition switch ON (II), and main switch ON; raise the front of the vehicle, and rotate one wheel slowly while holding the other wheel.	Check for voltage between the BLU/WHT $\oplus$ and BLK $\ominus$ terminals: There should be cycle 0 - 5 V or battery voltage.	• Faulty vehicle speed sensor (VSS) • An open in the wire • Short to ground
2	GRY	Ignition switch ON (II), main switch ON; brake pedal pressed, then released	Check for voltage to ground: There should be 0 V with the pedal pressed, and battery voltage with the pedal released.	• Blown No. 39 (15 A) fuse in the under-hood fuse/relay box • Faulty brake switch • An open in the wire
5	GRN/WHT	Brake pedal pressed then released	Check for voltage to ground: There should be battery voltage with the pedal pressed, and 0 V with the pedal released.	• Blown No. 39 (15 A) fuse in the under-hood fuse/relay box • Faulty brake switch • An open in the wire
10	BLU/YEL	Ignition switch ON (II)	Attach to ground: The cruise light in the gauge assembly should come on.	• Blown bulb • Faulty gauge circuit • An open in the wire
9	BRN	Under all conditions	Check for resistance to ground: There should be 80 -120 Ω .	• Faulty actuator solenoid • An open in the wire
11	BRN/BLK	Under all conditions	Check for resistance to ground: There should be 70 -110 Ω .	
1	BRN/WHT	Under all conditions	Check for resistance to ground: There should be 40 -60 Ω .	