Integrated Control Unit

Input Test

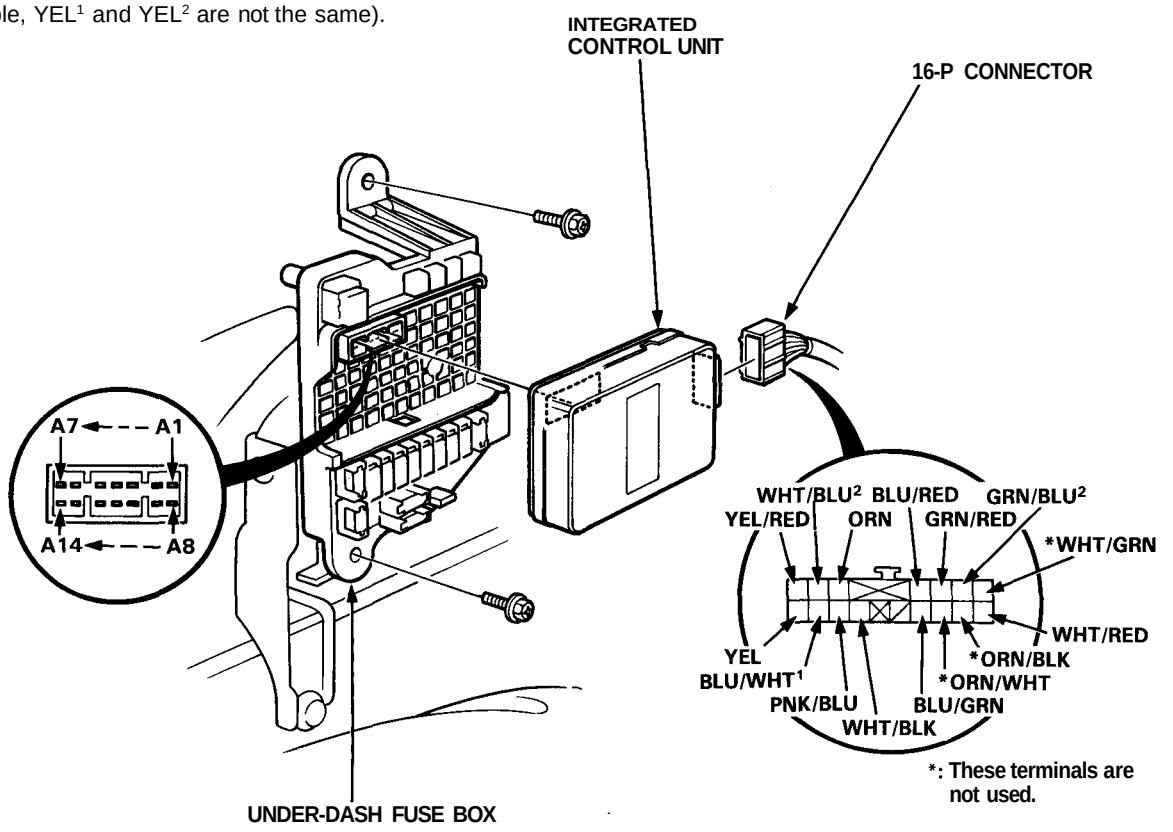
SRS components are located in this area. Review the SRS component locations, precautions, and procedures in the SRS section 24 before performing repairs or service.

Remove the left kick panel cover, and the relay holder from its bracket, then disconnect the 16-P connector from the integrated control unit. Remove the integrated control unit from the under-dash fuse box.

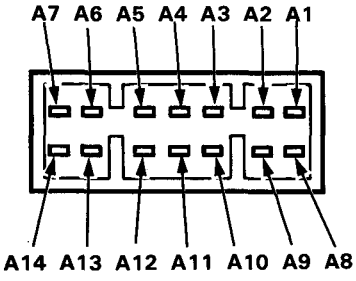
Inspect the connector and socket terminals to be sure they are all making good contact.

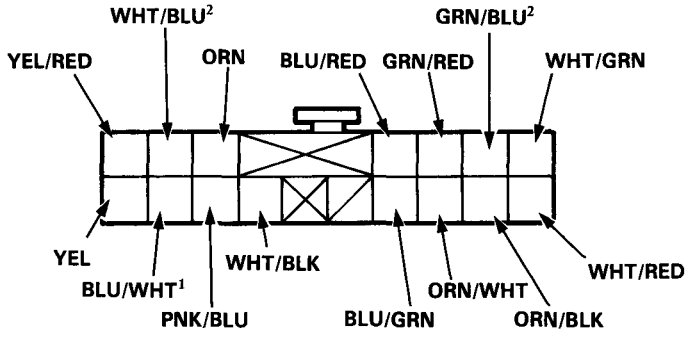
- If the terminals are bent, loose, or corroded, repair them as necessary, and recheck the system.
- If the terminals look OK, make the following input tests at the connector.
  - — If any test indicates a problem, find and correct the cause, then recheck the system.
  - — If all the input tests prove OK, the control unit must be faulty; replace it.

NOTE: Different wires with the same color have been given a number suffix to distinguish them (for example, YEL[1] and YEL[2] are not the same).



View from wire side





View from wire side

Entry Light Timer System:

No.	Terminal	Test condition	Test: Desired result	Possible cause if result is not obtained
1	A8	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402, G403) • An open in the wire
2	A9	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15 A) fuse • An open in the wire
3	WHT/BLK	Under all conditions	Attach to ground: Ignition key light and foot well lights should come on.	• Blown bulb or No. 34 (15 A) fuse • An open in the wire
4	GRN/BLU²	Driver's door open	Check for voltage to ground: There should be 1 V or less.	• Faulty driver's door switch • Poor ground (G401, G402, G403) • An open in the wire

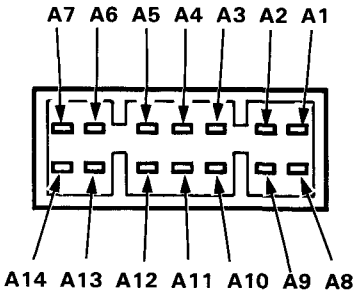
Key-in Reminder System:

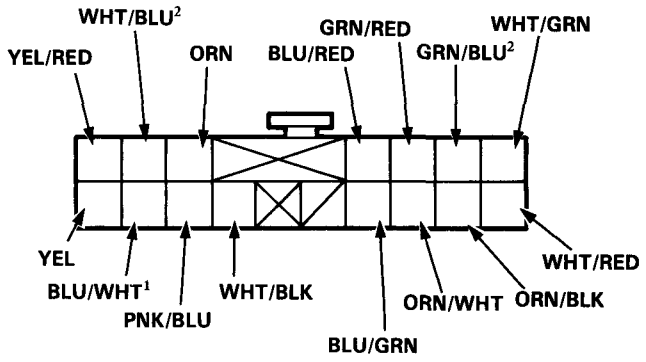
No.	Terminal	Test condition	Test: Desired result	Possible cause if result is not obtained
1	A8	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402, G403) • An open in the wire
2	A9	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15 A) fuse • An open in the wire
3	GRN/BLU²	Driver's door open	Check for voltage to ground: There should be 1 V or less.	• Faulty driver's door switch • Poor ground (G401, G402, G403) • An open in the wire
4	BLU/GRN	Ignition key is inserted all the way into the ignition switch	Check for voltage to ground: There should be 1 V or less.	• Faulty ignition key switch • Poor ground (G401, G402, G403) • An open in the wire

(cont'd)

Integrated Control Unit

Input Test (cont'd)





View from wire side

Lights-on Reminder System:

No.	Terminal	Test condition	Test: Desired result	Possible cause if result is not obtained
1	A8	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402, G403) • An open in the wire
2	A9	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15 A) fuse • An open in the wire
3	A5	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (15 A) fuse • An open in the wire
4	GRN/BLU²	Driver's door open	Check for voltage to ground: There should be 1 V or less.	• Faulty driver's door switch • Poor ground (G401, G402, G403) • An open in the wire
5	A6	Headlight switch ON	Check for voltage to ground: There should be battery voltage.	• Blown No. 38 (15 A) fuse • Faulty Headlight switch • Faulty taillight relay • An open in the wire
6	ORN	Connect the A9 terminal to the ORN terminal	Check chime operation: Chime should activate each time the battery is connected.	• Faulty chime • Poor ground (G401, G402, G403) • An open in the wire

Seat Belt Reminder System:

No.	Terminal	Test condition	Test: Desired result	Possible cause if result is not obtained
1	A8	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402, G403) • An open in the wire
2	A9	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15 A) fuse • An open in the wire
3	A5	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (15 A) fuse • An open in the wire
4	A13	Ignition switch ON (II) and driver's seat belt not buckled	Check for voltage to ground: There should be 1 V or less.	• Faulty seat belt switch • Poor ground (G401, G402, G403) • An open in the wire

Rear Window Defogger Timer System:

No.	Terminal	Test condition	Test: Desired result	Possible cause if result is not obtained
1	A8	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402, G403) • An open in the wire
2	A9	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15 A) fuse • An open in the wire
3	A5	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (15 A) fuse • An open in the wire
4	WHT/RED	Defogger switch pushed	Check for continuity to ground: There should be continuity as the switch is pushed.	• Faulty defogger switch • Poor ground (G401, G402, G403) • An open in the wire
5	A10	Ignition switch ON (II)	Attach to ground: The rear window defogger should work and the defogger switch indicator light should come on.	• Blown No. 4 (15 A) fuse • Faulty defogger relay • Blown bulb • An open in the wire

Oil Pressure Indicator System:

No.	Terminal	Test condition	Test: Desired result	Possible cause if result is not obtained
1	A8	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402, G403) • An open in the wire
2	A9	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15 A) fuse • An open in the wire
3	A5	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (15 A) fuse • An open in the wire
4	WHT/BLU[2]	Engine running	Check for voltage to ground: There should be battery voltage.	• Faulty charging system • An open in the wire
5	YEL/RED	Ignition switch OFF	Check for continuity to ground: There should be continuity.	• Faulty engine oil pressure switch • An open in the wire
		Ignition switch ON (II)	Check indicator light operation. If the light does not come on, attach the YEL/RED terminal to ground: The light should come on as the ignition switch is turned ON (II).	• Blown bulb • An open in the wire
		Start the engine	Check for voltage to ground: There should be battery voltage.	• Insufficient oil • Improper lubrication • Faulty engine oil pressure switch

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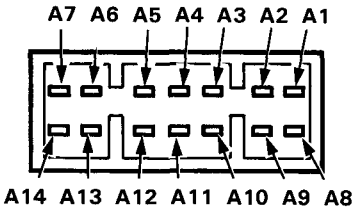
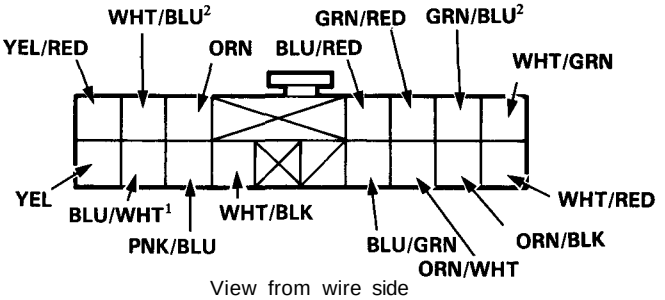
Integrated Control Unit

Input Test (cont'd)





View from wire side

Side Marker Light Flasher System:

No.	Terminal	Test condition	Test: Desired result	Possible cause if result is not obtained
1	A8	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402, G403) • An open in the wire
2	A9	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15 A) fuse • An open in the wire
3	A5	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (15 A) fuse • An open in the wire
4	A6	Headlight switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 38 (15 A) fuse • Faulty headlight switch • Faulty taillight relay • An open in the wire
5	A11	Ignition switch ON (II) and turn signal switch in left position	Check for voltage to ground: It should change from 0 – 12 – 0 V repeatedly.	• Blown No. 46 (10 A) fuse • Faulty turn signal/hazard relay • An open in the wire
6	A3	Ignition switch ON (II) and turn signal switch in right position		
7	PNK/BLU	Connect the A9 terminal to the PNK/BLU (or BLU/WHT[1]) terminal.	Check the front side marker lights: The left (or right) front side marker light should come on as the battery is connected.	• Blown bulb • Poor ground (G301) • An open in the wire
8	BLU/WHT[1]			

Power Window Key-off Timer System:

No.	Terminal	Test condition	Test: Desired result	Possible cause if result is not obtained
1	A8	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402, G403) • An open in the wire
2	A9	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15 A) fuse • An open in the wire
3	A5	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (15 A) fuse • An open in the wire
4	GRN/BLU[2]	Driver's door open	Check for voltage to ground: There should be 1 V or less.	• Faulty door switch • Poor ground (G401, G402, G403) • An open in the wire
5	GRN/RED	Passenger's door open		
6	A14	Connect the A9 terminal to the A14 terminal.	Check window operation: The power windows should work with the key OFF.	• Faulty power window relay • Poor ground (G201) • An open in the wire

Combined Operation Wiper/Washer System:

No.	Terminal	Test condition	Test: Desired result	Possible cause if result is not obtained
1	A8	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402, G403) • An open in the wire
2	A9	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15 A) fuse • An open in the wire
3	A5	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (15 A) fuse • An open in the wire
4	BLU/RED	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 26 (40 A) fuse • Faulty wiper intermittent relay • An open in the wire
5	YEL	Ignition switch ON (II) and wiper switch at INT position	Check for voltage to ground: There should be battery voltage.	• Blown No. 6 (7.5 A) fuse • Faulty wiper switch • An open in the wire
6	A4	Ignition switch ON (II) and washer switch pushed	Check for voltage to ground: There should be battery voltage.	• Blown No. 6 (7.5 A) fuse • Faulty washer switch • An open in the wire
7	A1 and A2	Intermittent dwell time control ring turned	Check for resistance between the A1 and A2 terminals: It should vary from 0 to 28,000 ohms as the ring is turned.	• Faulty intermittent dwell time controller • An open in the wire
8	A7	Ignition switch ON (II) and wiper switch OFF	Check for voltage to ground: There should be battery voltage.	• Blown No. 26 (40 A) fuse • Faulty wiper motor (automatic-stop circuit) • An open in the wire