Integrated Control Unit

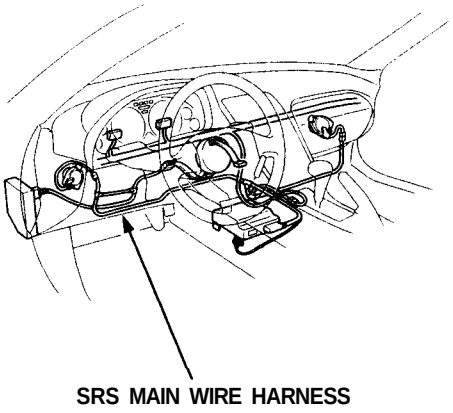
Input Test

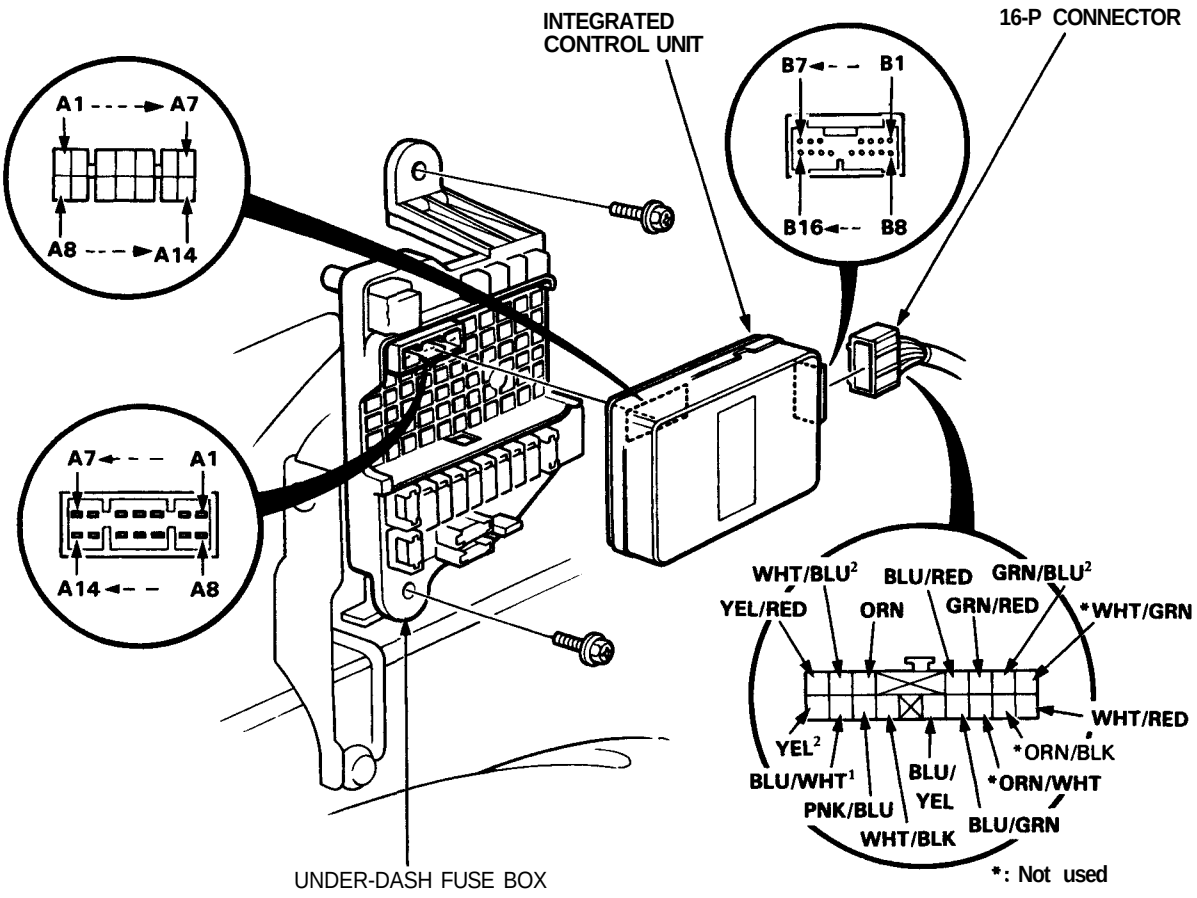
CAUTION:

- **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.**

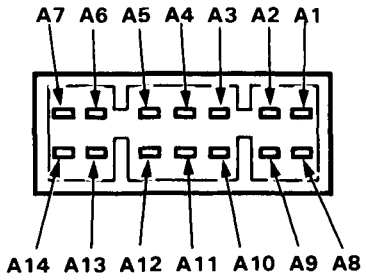
Remove the left side kick panel cover, and the dash relay holder from the bracket, to disconnect the 16-P connector from the integrated control unit.
Remove the integrated control unit from the dash fuse box.
Make the following input tests at the connector termanals. If all tests prove OK, yet the system still falls to work, replace the control unit.

NOTE: Several different wires have the same color. They have been given a number suffix to distinguish them (for example YEL and YEL are not the same).

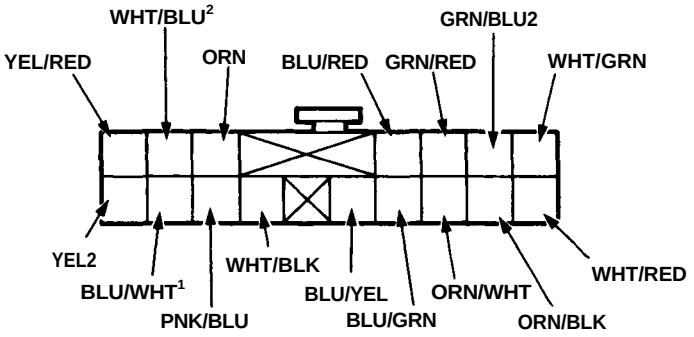




View from wire side



View from terminal 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). • An open in the wire.
2	A9	Under all conditions.	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15A) fuse. • An open in the wire.
3	WHT/BLK	Under all conditions.	Connect to ground: Ignition key and foot lights should come on.	• Blown bulb or No. 34 (15A) fuse. • An open in the wire.
4	GRN/BLU[2]	Driver's door opened.	Check for continuity to ground: There should be continuity. NOTE: Before testing, remove No. 34 (15A) fuse.	• Faulty left door switch. • An open in the wire.

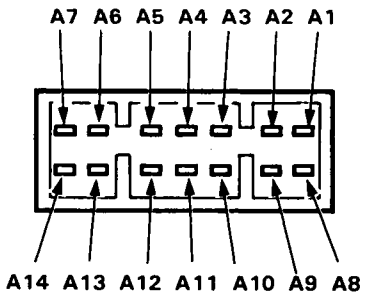
Key-on Reminder:

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). • An open in the wire.
2	A9	Under all conditions.	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15A) fuse. • An open in the wire.
3	GRN/BLU[2]	Driver's door opened.	Check for continuity to ground: There should be continuity. NOTE: Before testing, remove No. 34 (15A) fuse.	• Faulty left door switch. • An open in the wire.
4	BLU/GRN	Key inserted into the ignition switch.	Check for continuity to ground: There should be continuity.	• Faulty ignition key switch. • Poor ground (G401, G402). • An open in the wire.

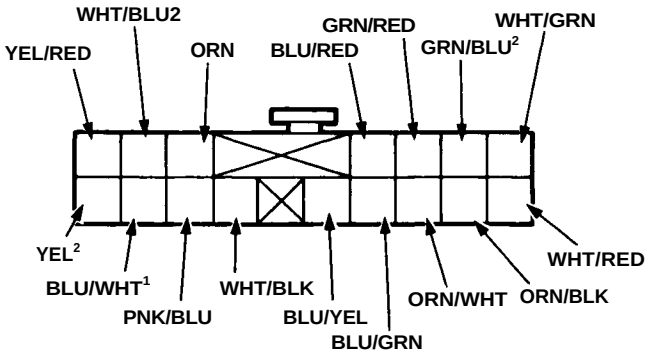
(cont'd)

Integrated Control Unit

Input Test (cont'd)



View from terminal side



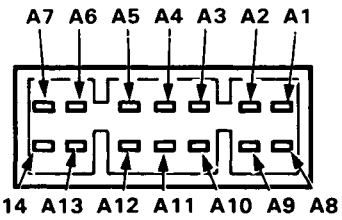
View from wire side

Lights-on Reminder:

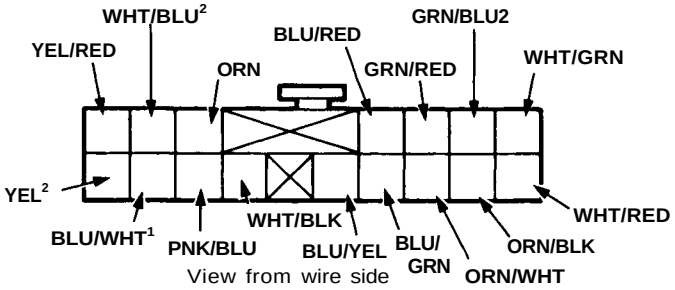
No.	Terminal	Test condition	Test: desired result	Possible cause (if result is not obtained)
1	A8	Under all conditions.	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402). • An open in the wire.
2	A9	Under all conditions.	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15A) fuse. • An open in the wire.
3	A5	Ignition switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (10A) or No. 29 (50 A) fuse. • An open in the wire.
4	GRN/BLU[2]	Driver's door opened.	Check for continuity to ground: There should be continuity. NOTE: Before testing, remove No. 34 (15A) fuse.	• Faulty left door switch. • An open in the wire.
5	A6	Lighting switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 38 (15) fuse. • Faulty lighting switch. • An open in the wire. • Faulty taillight relay.
6	ORN	Connect the A9 terminal to the ORN terminal.	Check chime operation: Chime should activate each time the battery is connected.	• Faulty chime. • An open in the wire.

Seat Belt Reminder:

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). • An open in the wire.
2	A9	Under all conditions.	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15A) fuse. • An open in the wire.
3	A5	Ignition switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (10A) or No. 29 (50A) fuse. • An open in the wire.
4	BLU/YEL	Ignition switch ON.	Connect to ground: Seat belt warning light should come on.	• Blown No. 5 (10A) fuse. • Blown bulb. • An open in the wire.
5	A13	Driver's seat belt not buckled.	Check for continuity to ground: There should be continuity.	• Faulty seat belt switch. • Poor ground (G401, G402). • An open in the wire.



Rear Window Defogger Timer System:
View from terminal side



View from wire side

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). • An open in the wire.
2	A9	Under all conditions.	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15A) fuse. • An open in the wire.
3	A5	Ignition switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (10A) or No. 29 (50 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). • An open in the wire.
5	A10	Ignition switch ON.	Connect to ground: 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.

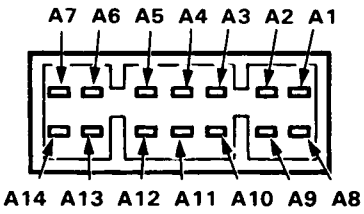
Oil Pressure Indicator System:

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). • An open in the wire.
2	A9	Under all conditions.	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15A) fuse. • An open in the wire.
3	A5	Ignition switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (10A) or No. 29 (50A) fuse. • An open in the wire.
4	WHT/BLU2	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 oil pressure switch. • An open in the wire.
		Ignition switch ON.	Check light operation. If the light does not come on, attach the YEL/RED terminal to ground: Light should come on as the ignition switch is turned ON.	• Blown bulb. • An open in the wire.
		Start the engine.	Check for voltage to ground: There should be battery voltage.	• Insufficient oil. • Improper lubricaiton. • Faulty oil pressure switch.

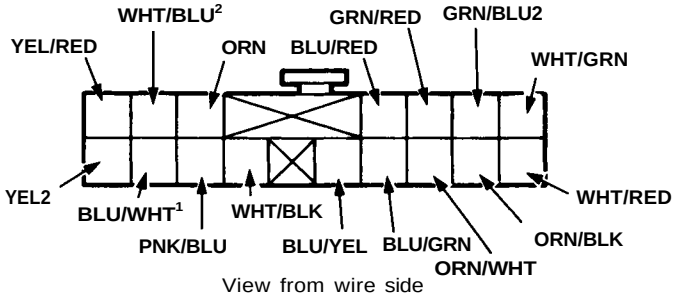
(cont'd)

Integrated Control Unit

Input Test (cont'd)



View from terminal side



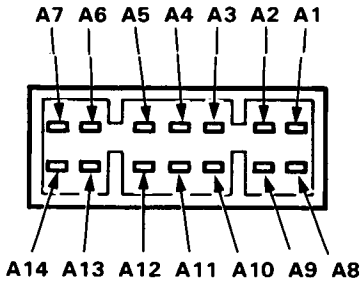
View from wire side

Side Marker Light Flasher System:

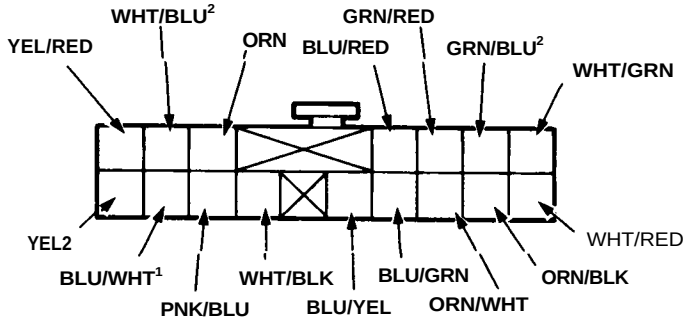
No.	Terminal	Test condition	Test: desired result	Possible cause (if result is not obtained)
1	A8	Under all conditions.	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402). • An open in the wire.
2	A9	Under all conditions.	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15A) fuse. • An open in the wire.
3	A5	Ignition switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (10A) or No. 29 (50 A) fuse. • An open in the wire.
4	A6	Lighting switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 38 (15A) fuse. • Faulty lighting switch. • An open in the wire.
5	A11	Ignition switch ON and turn signal switch in left position.	Check for voltage to ground: There should be battery voltage.	• Blown No. 46 (10A) fuse. • Faulty turn signal system. • An open in the wire.
6	A3	Ignition switch ON and turn signal switch in right position.		
7	PNK/BLU	Connect the A9 terminal to the PNK/BLU (or BLU/WHT) terminal	Check marker light operation: left (or right) front side marker light should come on.	• Blown bulb. • Poor ground (G301). • An open in the wire.
8	BLU/WHT			

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). • An open in the wire.
2	A9	Under all conditions.	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15A) fuse. • An open in the wire.
3	A5	Ignition switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (10A) or No. 29 (50A) fuse. • An open in the wire.
4	GRN/BLU	Driver's door opened.	Check for continuity to ground: There should be continuity. NOTE: Before testing, remove No. 38 (15A) fuse.	• Faulty door switch. • An open in the wire.
5	GRN/RED	Passenger's door opened.		
6	A14	Connect the A9 terminal to the A14 terminal.	Check window operation: Power windows should operate.	• Faulty power window relay. • Poor ground (G201). • An open in the wire.



View from terminal side



View from wire side

WiperSystem:

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). • An open in the wire.
2	A9	Under all conditions.	Check for voltage to ground: There should be battery voltage.	• Blown No. 34 (15A) fuse. • An open in the wire.
3	A5	Ignition switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 5 (10A) or No. 29 (50 A) fuse. • An open in the wire.
4	BLU/RED	Ignition switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 26 (40A) fuse. • Faulty intermittent relay. • An open in the wire.
5	YEL[2]	Ignition switch ON. and wiper switch INT.	Check for voltage to ground: There should be battery voltage.	• Blown No. 6 (7.5A) fuse. • Faulty wiper switch. • An open in the wire.
6	A4	Ignition switch ON and washer switch ON.	Check for voltage to ground: There should be battery voltage.	• Blown No. 6 (7.5A) 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 25,000 ohms as the ring is turned.	• Faulty intermittent dwell time controller. • An open in the wire.
8	A7	Ignition switch ON, wiper switch OFF	Check for voltage to ground: there should be battery voltage.	• Faulty wiper motor (automatic-stop circuit). • An open in the wire.