

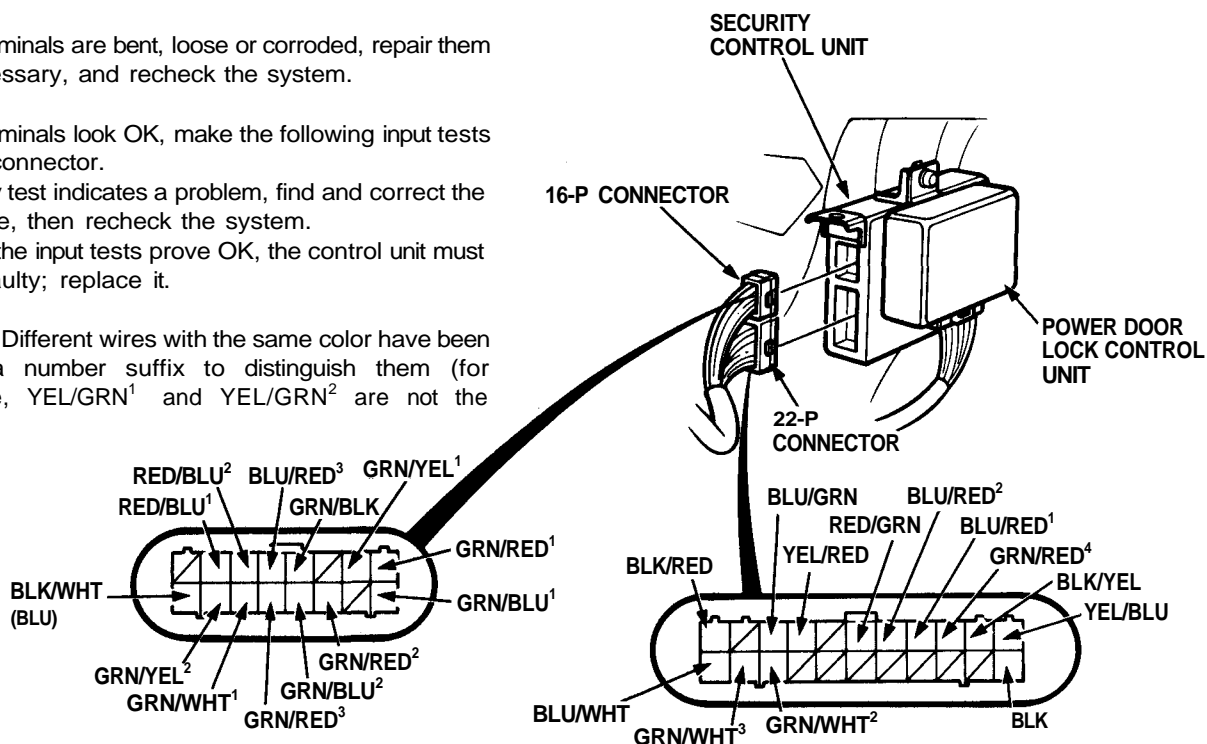


Control Unit Input Test

Remove the dashboard lower cover (see page 23-81). Disconnect the 22-P and 16-P connectors from the control unit. 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/GRN¹ and YEL/GRN² are not the same).



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"> • Poor ground (G301, G302, G303) • An open in the wire
2	YEL/BLU	Under all conditions	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 15 (7.5 A) fuse • An open in the wire
3	GRN/RED ⁴	Under all conditions	Connect to ground: Security indicator should come on.	<ul style="list-style-type: none"> • Blown No. 39 (20 A) fuse • Faulty security indicator • An open in the wire
4	BLK/RED	Ignition switch to ON (II)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 20 (7.5 A) fuse • An open in the wire
5	BLK/WHT (BLU)	Ignition switch to START (III)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> • Faulty starter cut relay • An open in the wire
6	BLK/YEL	Ignition switch to START (III) and: (M/T): Clutch pedal pushed (A/T): Position in P	Attach to ground: Starter should crank the engine.	<ul style="list-style-type: none"> • Blown No. 35 (50 A) fuse • Faulty starting system • Faulty starter cut relay • Faulty clutch interlock switch (M/T) • Faulty A/T gear position switch (A/T) • An open in the wire
7	BLU/RED ¹	Under all conditions	Attach to ground: All horns should sound.	<ul style="list-style-type: none"> • Blown No. 39 (20 A) fuse • Faulty horn relay • Either horn faulty • Poor ground (G152, G153) • An open in the wire

(BLU): M/T

(cont'd)

Security Alarm System

Control/Unit Input Test (cont'd)

No.	Wire	Test condition	Test: Desired result	Possible cause If result is not obtained
8	BLU/RED ²	Under all conditions	Attach to ground: Headlights should come on.	<ul style="list-style-type: none"> Faulty headlight relay Faulty lighting system An open in the wire
9	RED/GRN	Under all conditions	Connect to ground: Taillights should come on.	<ul style="list-style-type: none"> Faulty taillight relay Faulty taillight system An open in the wire
10	YEL/RED	Hood open	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> Faulty hood switch. Misadjusted hood switch Poor ground (G153) An open in the wire
		Hood closed	Check for continuity to ground: There should be no continuity.	
11	BLU/GRN	Trunk lid open	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> Faulty trunk latch switch Poor ground (G451) An open in the wire
		Trunk lid closed	Check for continuity to ground: There should be no continuity.	
12	GRN/BLU ²	Driver's door open	Check for continuity to ground: When the door is open, there should be continuity, and when the door is closed, there should be no continuity.	<ul style="list-style-type: none"> Faulty driver's door or right front door switch Poor ground (G301, G302, G303) An open in the wire
		Driver's door closed		
13	GRN/RED ³	Right front door open		
		Right front door closed		
14	GRN/YEL ¹	Left rear door open	Check for continuity to ground: When the door is open, there should be continuity, and when the door is closed, there should be no continuity.	<ul style="list-style-type: none"> Faulty left rear door switch Poor ground (G251) An open in the wire
		Left rear door closed		
15	GRN/WHT ¹	Right rear door open		<ul style="list-style-type: none"> Faulty right rear door switch Poor ground (G304) An open in the wire
		Right rear door closed		



Reconnect the 22-P and 16-P connectors to the control unit.

No.	Wire	Test condition	Test: Desired result	Possible cause If result is not obtained
16	BLU/WHT	Ignition key is inserted into the ignition switch	Check for voltage to ground: There should be 1V or less.	<ul style="list-style-type: none"> Faulty ignition key switch Poor ground (G301, G302, G303) An open in the wire
		Ignition key is removed from the ignition switch	Check for voltage to ground: There should be 1V or more.	
17	GRN/WHT ³ or LT GRN	Under all conditions	Check for voltage to ground: There should be 1V or less.	<ul style="list-style-type: none"> Poor ground (G502) An open in the wire
18	GRN/RED ¹	Trunk key in UNLOCK	Check for voltage to ground: There should be 1V or less.	<ul style="list-style-type: none"> Faulty trunk key Poor ground (G451) An open in the wire
19	GRN/RED ²	Driver's door key in UNLOCK	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty driver's door or right front door key cylinder switch Poor ground (G301, G302, G303) An open in the wire
20	GRN/BLU ¹	Right front door key in UNLOCK		
21	GRN/YEL ¹	Driver's door key in LOCK	Check for voltage to ground: There should be 1 V or less, as the door keylock is turned in LOCK.	<ul style="list-style-type: none"> Faulty driver's door or right front door key cylinder switch Poor ground (G301, G302, G303) An open in the wire
22	GRN/WHT ²	Right front door key in LOCK		
23	GRN/BLK	Driver's door lock knob in UNLOCK	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty driver's door lock knob switch (built into the actuator) Poor ground (G301, G302, G303) An open in the wire
24	BLU/RED ³	Right front door lock knob in UNLOCK	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty right front door lock knob switch (built into the actuator) Poor ground (G301, G302, G303) An open in the wire
25	RED/BLU ¹	Left rear door lock knob in UNLOCK	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty left rear door lock knob switch (built into the actuator) Poor ground (G251) An open in the wire
26	RED/BLU ²	Right rear door lock knob in UNLOCK	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty right rear door lock knob switch (built into the actuator) Poor ground (G304) An open in the wire