

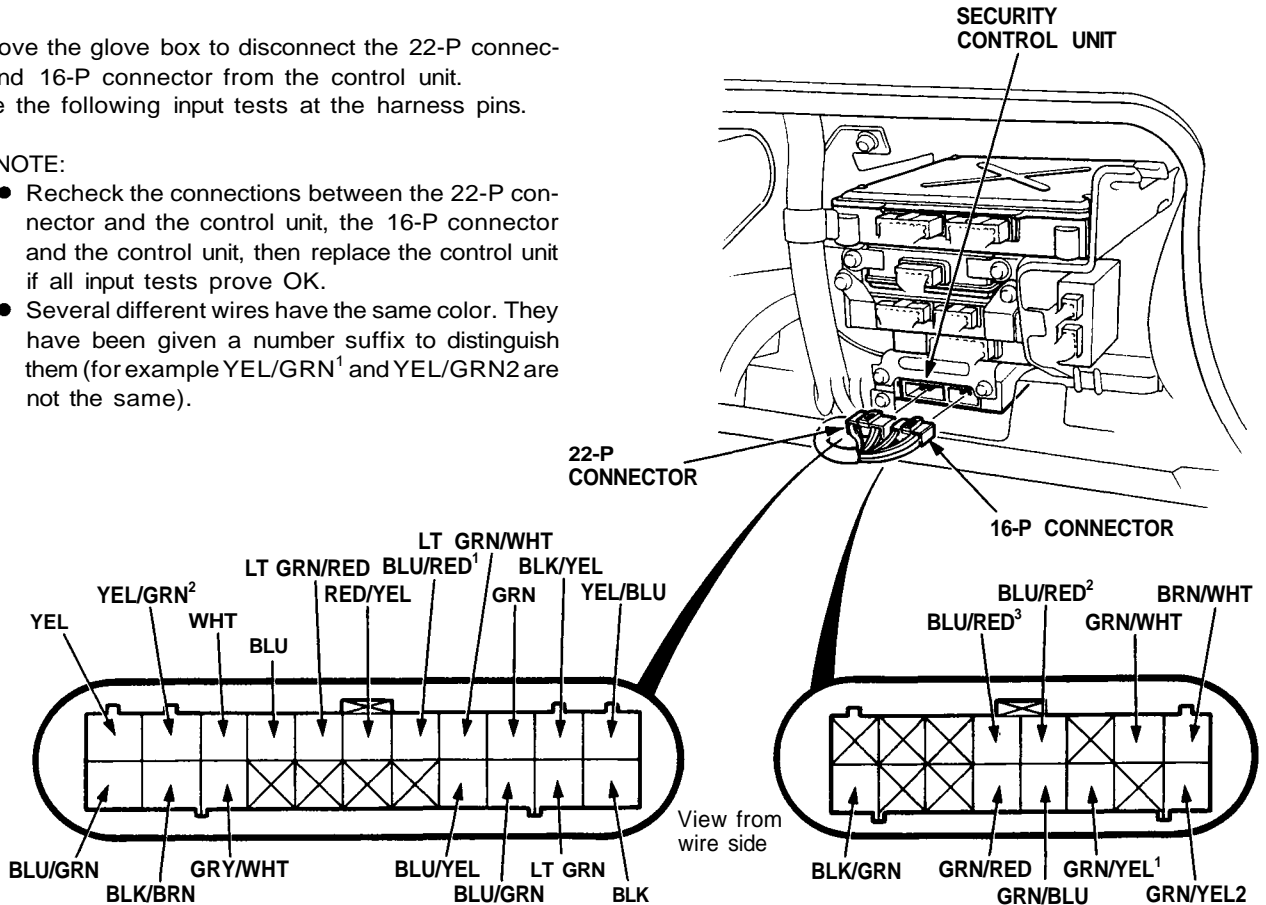
Security Alarm System

Control Unit Input Test

Remove the glove box to disconnect the 22-P connector and 16-P connector from the control unit.
Make the following input tests at the harness pins.

NOTE:

- Recheck the connections between the 22-P connector and the control unit, the 16-P connector and the control unit, then replace the control unit if all input tests prove OK.
- Several different wires have the same color. They 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 (G401, G402). • 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. 18 (20A) fuse. • An open in the wire.
3	GRN	Under all conditions.	Connect to ground: security indicator should come on.	<ul style="list-style-type: none"> • Blown No. 45 (20A) fuse. • Faulty security indicator. • An open in the wire.
4	YEL	Ignition switch ON.	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 5 (10A) fuse. • An open in the wire.
5	BLK/GRN	Ignition switch START.	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 START and; Clutch pedal pushed (M/T), Shift position P (A/T).	Attach to ground: Starter should crank the engine.	<ul style="list-style-type: none"> • Blown No. 29 (50A) fuse. • Faulty starting system. • Faulty starter cut relay. • Faulty clutch interlock switch (M/T, A/T) • An open in the wire.
7	LT GRN/WHT	Under all conditions.	Attach to ground: All horns should sound.	<ul style="list-style-type: none"> • Blown No. 45 (20A) fuse. • Faulty horn relay. • Faulty either horn. • Poor ground (G201 or G203). • An open in the wire.



No.	Wire	Test condition	Test: desired result	Possible cause (if result is not obtained)
8	BLU/RED	Under all conditions.	Attach to ground: headlights should come on.	<ul style="list-style-type: none"> Faulty lighting relay. Faulty lighting system. An open in the wire.
9	RED/YEL	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	LT GRN/ RED	Passing switch ON.	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> Faulty passig switch. Faulty dimmer relay. Faulty lighting relay. An open in the wire.

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)
11	YEL/GRN ²	Hood opened.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty hood switch. Misadjusted hood switch. Poor ground (G301). An open in the wire.
		Hood closed.	Check for voltage to ground: There should be 5 V or more.	
12	BLU/GRN	Ignition key is inserted into the ignition switch.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty ignition key switch. Poor ground (G401, G402). An open in the wire.
		Ignition key is removed from the ignition switch.	Check for voltage to ground: There should be 5 V or more.	
13	BLU	Engine cover opened.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty engine cover switch. Misadjusted engine cover switch. Poor ground (G401, G402). An open in the wire.
		Engine cover closed.	Check for voltage to ground: There should be 5 V or more.	
14	BLK/BRN or BLK/ LT GRN	Under all conditions.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Poor ground (G404). An open in the wire.
15	BRN/WHT	Trunk key in UNLOCK.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty trunk key. Poor ground (G501). An open in the wire.
16	WHT	Trunk lid opened.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty trunk latch switch. Misadjusted trunk latch switch. Poor ground (G501). An open in the wire.
		Trunk lid closed.	Check for voltage to ground: There should be 5 V or more.	

(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)
17	GRN/BLU	Driver's door opened.	Check for voltage to ground: when the door is opened, there should be 1 V or less, and when the door is closed, there should be 5 V or more.	<ul style="list-style-type: none"> Faulty right door switch. An open in the wire.
		Driver's door closed.		
18	GRN/RED	Passenger's door opened.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty left or right door key switch. Poor ground (G401, G402). An open in the wire.
		Passenger's door closed.		
19	GRN/YEL ¹	Driver's door key in UNLOCK.	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 left or right door key switch. Poor ground (G401, G402). An open in the wire.
20	GRN/YEL ²	Passenger's door key in UNLOCK.		
21	GRN/WHT	Driver's door key in LOCK.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> Faulty left door lock knob switch. (built in the actuator). Poor ground (G401, G402). An open in the wire.
22	GRY/WHT	Passenger's door key in LOCK.		
23	BLU/RED ²	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 right door lock knob switch. (built-into the actuator). Poor ground (G401, G402). An open in the wire.
24	BLU/RED ³	Passenger's door lock knob in UNLOCK.		