

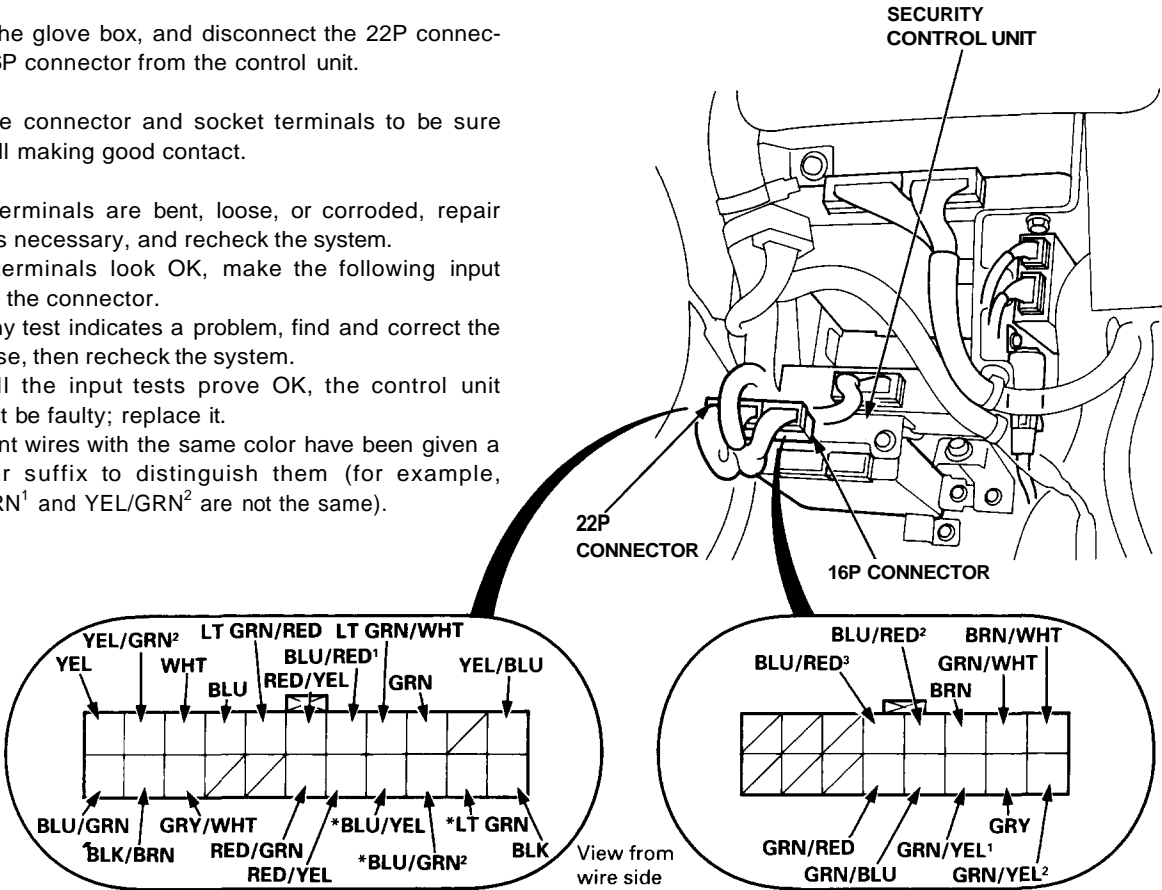
Security Alarm System

Control Unit Input Test

Remove the glove box, and disconnect the 22P connector and 16P connector 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.
- 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).



*: Not used

| Wire | Test condition | Test: Desired result | Possible cause if result is not obtained |
|---------|-------------------------|---|--|
| BLK | Under all conditions | Check for continuity to ground: There should be continuity. | <ul style="list-style-type: none">• Poor ground (G401, G402, G403)• An open in the wire |
| YEL/BLU | Under all conditions | Check for voltage to ground: There should be battery voltage. | <ul style="list-style-type: none">• Blown No. 18 (20 A) fuse• An open in the wire |
| GRN | Under all conditions | Connect to ground: The security indicator should come on. | <ul style="list-style-type: none">• Blown No. 45 (20 A) fuse• Faulty security indicator• An open in the wire |
| YEL | Ignition switch ON (II) | Check for voltage to ground: There should be battery voltage. | <ul style="list-style-type: none">• Blown No. 5 (15 A) fuse• An open in the wire |

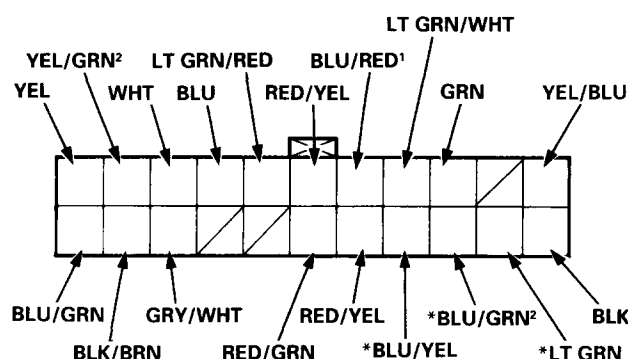


| Wire | Test condition | Test: Desired result | Possible cause if result is not obtained |
|------------------------------|---|---|--|
| LT GRN/ WHT | Under all conditions | Attach to ground: All horns should sound. | <ul style="list-style-type: none"> • Blown No. 45 (20 A) fuse • Faulty horn relay • Faulty horn (either) • Poor ground (G301 or G302) • An open in the wire |
| BLU/RED | Under all conditions | Attach to ground: The headlights should come on. | <ul style="list-style-type: none"> • Faulty headlight relay • Faulty headlight system • An open in the wire |
| RED/YEL | Under all conditions | Connect to ground: The taillights should come on. | <ul style="list-style-type: none"> • Faulty taillight relay • Faulty taillight system • An open in the wire |
| LTGRN/ RED | Passing switch ON | Check for voltage to ground: There should be battery voltage. | <ul style="list-style-type: none"> • Faulty passing switch • Faulty dimmer relay • Faulty headlight relay • An open in the wire |
| YEL/GRN ² | 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 (G301) • An open in the wire |
| | Hood closed | Check for continuity to ground: There should be no continuity. | |
| BLU/GRN | Ignition key is in the ignition switch. | Check for continuity to ground: There should be continuity. | <ul style="list-style-type: none"> • Faulty ignition key switch • Poor ground (G401, G402, G403) • An open in the wire |
| | Ignition key is not in the ignition switch. | Check for continuity to ground: There should be no continuity. | |
| BLU | Engine compartment lid open | Check for continuity to ground: There should be continuity. | <ul style="list-style-type: none"> • Faulty engine compartment lid switch • Misadjusted engine compartment lid switch • Poor ground (G401, G402, G403) • An open in the wire |
| | Engine compartment lid closed | Check for continuity to ground: There should be no continuity. | |
| BLK/BRN or BLK/ LT GRN | Under all conditions | Check for continuity to ground: There should be continuity. | <ul style="list-style-type: none"> • Poor ground (G404) • An open in the wire |
| BRN/WHT | Trunk key in UNLOCK | Check for continuity to ground: There should be continuity. | <ul style="list-style-type: none"> • Faulty trunk key • Poor ground (G551) • An open in the wire |
| WHT | Trunk lid open | Check for continuity to ground: There should be continuity. | <ul style="list-style-type: none"> * Faulty trunk latch switch • Misadjusted trunk latch switch • Poor ground (G551) • An open in the wire |
| | Trunk lid closed | Check for continuity to ground: There should be no continuity. | |

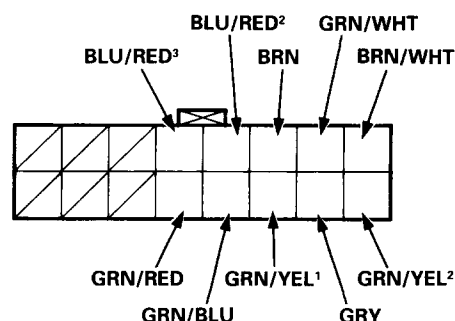
(cont'd)

Security Alarm System

Control Unit Input Test (cont'd)



View from wire side



*: Not used

| Wire | Test condition | Test: Desired result | Possible cause if result is not obtained |
|-----------|--------------------------------------|--|---|
| GRN/BLU | Driver's door open | Check for continuity to ground: When the door is open, there should be continuity. When the door is closed, there should be no continuity. | <ul style="list-style-type: none"> Faulty right door switch An open in the wire |
| | Driver's door closed | | |
| GRN/RED | Passenger's door open | Check for continuity to ground: There should be continuity. | <ul style="list-style-type: none"> Faulty left or right door key switch Poor ground (G401, G402, G403) An open in the wire |
| | Passenger's door closed | | |
| GRN/YEL¹ | Driver's door key in UNLOCK | Check for continuity to ground: There should be continuity, as the door keylock is turned to LOCK. | <ul style="list-style-type: none"> Faulty left or right door key switch Poor ground (G401, G402, G403) An open in the wire |
| GRN/YEL² | Passenger's door key in UNLOCK | | |
| GRN/WHT | Driver's door key in LOCK | Check for continuity to ground: There should be continuity. | <ul style="list-style-type: none"> Faulty left door lock knob switch (Built into the actuator) Poor ground (G401, G402, G403) An open in the wire |
| GRY/WHT | Passenger's door key in LOCK | | |
| BLU/RED² | Driver's door lock knob in UNLOCK | Check for continuity to ground: There should be continuity. | <ul style="list-style-type: none"> Faulty right door lock knob switch (Built into the actuator) Poor ground (G401, G402, G403) An open in the wire |
| BLU/RED³ | Passenger's door lock knob in UNLOCK | | |
| RED/GRN¹¹ | Roof unlatched | Check for continuity to ground: There should be continuity. | <ul style="list-style-type: none"> Faulty right or left roof lock switch Poor ground (G401, G402, G403) An open in the wire |
| RED/YEL*¹ | | | |

M: NSX-T (open top)