

## Display unit buttons do not work

### Check for an open in the power source circuit:

1. Turn the ignition switch ON (II).
2. Measure the voltage between body ground and the display unit connector (20P) terminal No. 1 and No. 2 individually.

Is there battery voltage?

NO

Repair open in the wire between the under-hood (or under-dash) fuse/relay box and display unit.

YES

### Check for an open in the GND circuit:

1. Turn the ignition switch OFF.
2. Check for continuity between the display unit connector (20P) terminal No. 10 and body ground.

Is there continuity?

NO

- Repair the open in the wire between the display unit and body ground.
- Repair poor ground (G251).

YES

### Check the DISPLAY BUS circuit:

1. Disconnect the navigation unit and display unit connectors.
2. Check for continuity between the display unit connector (20P) terminal No. 5 and the navigation unit connector B (16P) terminal No. 7. There should be continuity.
3. Check for continuity between the display unit connector (20P) terminal No. 15 and the navigation unit connector B (16P) terminal No. 15. There should be continuity.
4. Check for continuity between the same terminals and body ground. There should be no continuity.

Are all checks OK?

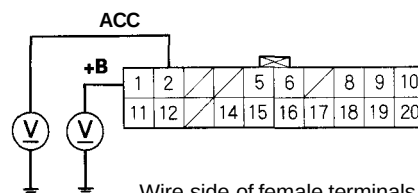
NO

There is an open or short to body ground between the display unit and the navigation unit. Replace the affected shielded harness.

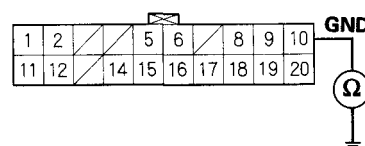
YES

Replace the display unit.

DISPLAY UNIT CONNECTOR (20P)

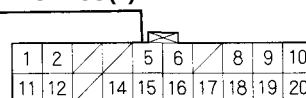


Wire side of female terminals



DISPLAY UNIT CONNECTOR (20P)

DISP BUS (+)



DISP BUS (-)

NAVIGATION UNIT  
CONNECTOR B (16P)

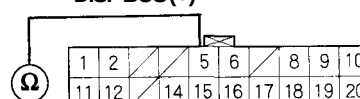


DISP BUS (-)

Wire side of female terminals

DISPLAY UNIT CONNECTOR (20P)

DISP BUS (+)



DISP BUS (-)

Wire side of female terminals

(cont'd)