Troubleshooting

'96 - 99 Models

No picture is shown on the display

Check the +B fuse:
Check the BACK UP/RADIO (7.5 A) fuse in the under-hood fuse/relay box.

Is the fuse OK?
- NO → **Replace the fuse and recheck.**
  NOTE: Reinstall the fuse if it is OK.
- YES →

Check the ACC fuse:
Check the ACC/RADIO (10 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?
- NO → **Replace the fuse and recheck.**
  NOTE: Reinstall the fuse if it is OK.
- YES →

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 navigation unit connector B (8P) 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 navigation unit.**
- YES →

Check for an open in the GND circuit:
Check for continuity between the navigation unit connector B (8P) terminal No. 4 and body ground.

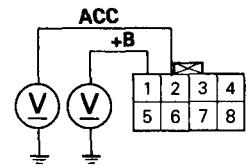
Is there continuity?
- NO → **• Repair open in the wire between the navigation unit and body ground.**
  • Repair poor ground (G603).
- **YES** →

Forced starting of display:
1. Turn the ignition switch OFF.
2. Perform forced starting of display (see page 23-412).

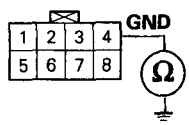
Is the diagnosis menu of the picture diagnosis displayed?
- YES → **Perform the system links.**
- NO →

(To page 23-399)

NAVIGATION UNIT CONNECTOR B (8P)



Wire side of female terminals



(From page 23-398)

Check the picture:
Check that the black picture is displayed (only back light is ON).

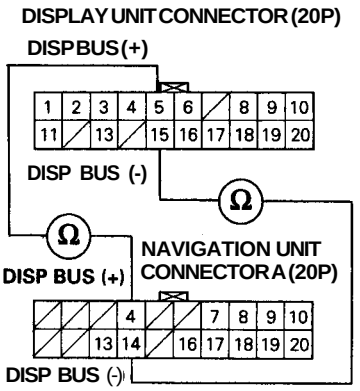
NOTE: To check, shield the display unit from the sun with your hand.

Is the black picture displayed?

YES → **Replace the navigation unit.**

NO

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 A (20P) terminal No. 4. There should be continuity.
3. Check for continuity between the display unit connector (20P) terminal No. 15 and the navigation unit connector A (20P) terminal No. 14. There should be continuity.
4. Check for continuity between the same terminals and body ground. There should be no continuity.



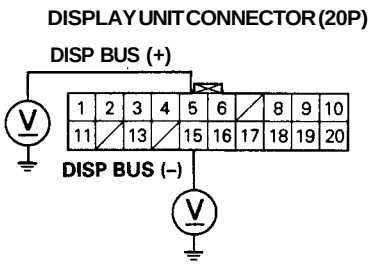
Wire side of female terminals

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

Check the DISPLAY BUS Signal:
1. Reconnect the navigation unit connector A (20P).
2. Check for voltage between body ground and the display unit connector (20P) terminals No. 5 and No. 15 individually.



Wire side of female terminals

Does the voltage pulse O V to approx. 5 V?

NO → **Replace the navigation unit.**

YES

Replace the display unit.

(cont'd)