



Symptom Troubleshooting

No picture is displayed

NOTE

- Always check the connectors for poor connections or loose terminals.
- Diagnostic Test: Navi System Link
- Confirm the correct DVD disc is installed in the navigation unit (see page 22-608)

1. Check the No. 7 (10 A) fuse and No. 32 (7.5 A) fuse in the under-dash fuse/relay box, and reinstall the fuse if it is OK.

Is the fuse OK?

YES—Go to step 2.

NO—Replace the fuse and recheck. ■

2. Turn the ignition switch to ACC (I).
3. Operate the radio and listen to the audio.

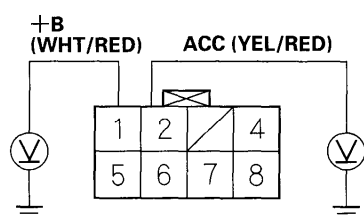
Can you hear the audio?

YES—Go to step 4.

NO—Check the ACC circuit. ■

4. Turn the ignition switch ON (II).
5. Measure the voltage between body ground and navigation unit connector C (8P) terminals No. 1 and No. 2 individually.

NAVIGATION UNIT CONNECTOR C (8P)



Wire side of female terminals

Is there battery voltage?

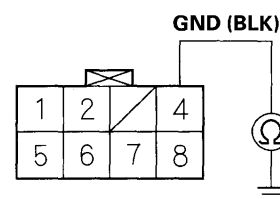
YES—Go to step 6.

NO—If the +B wire does not have voltage, repair open in the wire between the under-dash fuse/relay box and the navigation unit.

If the ACC wire does not have voltage, repair open in the wire between the under-dash fuse/relay box and the navigation unit. ■

6. Turn the ignition switch OFF.
7. Disconnect the navigation unit connector C (8P).
8. Check for continuity between navigation unit connector C (8P) terminal No. 4 and body ground.

NAVIGATION UNIT CONNECTOR C (8P)



Wire side of female terminals

Is there continuity?

YES—Go to step 9.

NO—Repair open in the wire between the navigation unit and body ground (G603). ■

9. Reconnect the navigation unit connector C (8P).
10. Perform the forced starting of the display (see page 22-608).

Is the diagnosis menu of the picture diagnosis displayed?

YES—Go into the Diagnostic mode and use the “Navi System Link” diagnostic (see page 22-589) to check the links. ■

NO—Go to step 11.

(cont'd)

Navigation System ('06-07 models)

Symptom Troubleshooting (cont'd)

11. Shield the display unit from the sun with your hand, and check that the display is back lit (only back light is ON.)

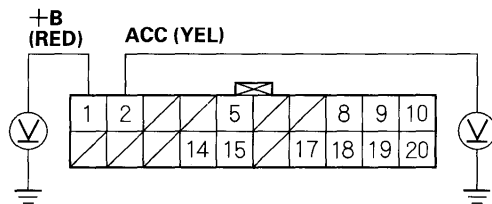
Can you see the back light?

YES—Replace the navigation unit (see page 22-609). ■

NO—Go to step 12.

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

DISPLAY UNIT 20P CONNECTOR



Wire side of female terminals

Is there battery voltage?

YES—Replace the display unit. ■

NO—If the +B wire does not have voltage, repair open in the wire between the under-dash fuse/relay box and the navigation unit.

If the ACC wire does not have voltage, repair open in the wire between the under-dash fuse/relay box and the navigation unit. ■

Picture is missing a color or tone is an odd color

NOTE:

- Always check the connectors for poor connections or loose terminals.
- Before troubleshooting, get the navigation system anti-theft codes.
- After troubleshooting, enter the navigation system anti-theft codes.
- Confirm the correct DVD disc is installed in the navigation unit (see page 22-608)

1. Go into the Diagnostic Menu and use "RGB Color" test under Monitor Check (see page 22-590).

Are the red, green, and blue colored circles shown?

YES—The system is OK at this time. ■

NO—Go to step 2.

2. Turn the ignition switch to OFF.
3. Disconnect the navigation unit connector A (20P) and display unit 20P connector.
4. Check for loose terminals at navigation unit connector A (20P) and display unit 20P connector.

Are there loose terminals?

YES—Repair the terminal. ■

NO—Go to step 5.



5. Check for continuity between the appropriate terminals of navigation unit connector A (20P) to display unit 20P connector based on the missing color(s).

Missing color	Navigation unit connector A (20P)	Display unit 20P connector
Blue	A11	18
Green	A2	9
Red	A1	8

NAVIGATION UNIT CONNECTOR A (20P)



Wire side of female terminals

DISPLAY UNIT 20P CONNECTOR



Wire side of female terminals

Is there continuity?

YES—Go to step 6.

NO—There is an open in the circuit between the display unit and the navigation unit. Check for poor connections or loose terminals at the display and navigation units. If a poor connection or loose terminal is found, replace the affected shielded harness. ■

6. Check for continuity between the appropriate terminals of navigation unit connector A (20P) and display unit 20P connector based on the missing color(s).

Missing color	Navigation unit connector A (12P)	Display unit 20P connector
Blue	A11	10, 20
Green	A2	10, 20
Red	A1	10, 20

NAVIGATION UNIT CONNECTOR A (20P)



Wire side of female terminals

DISPLAY UNIT 20P CONNECTOR



Wire side of female terminals

Is there continuity?

YES—There is a short to body ground in the circuit between the display unit and the navigation unit. Replace the affected shielded harness. ■

NO—Replace the navigation unit. If the problem is still unresolved, replace the display unit. ■