DI7P1–03

8. Color on navigation screen is unusual (RGB signal error).

INSPECTION PROCEDURE

1	Display check mode (Display color bar check) (See page DI–1600).

> NG > Replace multi display.

OK

2	Navigation check mode (Navigation color bar check) (See page DI–1600).

> NG > Replace multi display.

OK

3	Setting check. (Is it set to Day Mode in screen adjustment?) (See page DI–1600)

> Yes > Normal.

No

4	Check navigation ECU.

PREPARATION:
Disconnect the navigation ECU connector.
CHECK:
Check the voltage of terminal +B.
OK:
  +B: 10 – 14 V
Check the voltage of terminal ACC when the ignition switch is in ACC or ON position.
OK:
  ACC: 10 – 14 V
Check continuity at terminal GND.
OK:
  GND: Continuity

NG Replace or repair wire harness or connector (See page IN−35).

OK

5	Check the wire harness between navigation ECU and multi display.

PREPARATION:
Disconnect the navigation ECU and multi display connectors.
CHECK:
(a) Check continuity of the wire harness between terminal R of the navigation ECU and terminal R of the multi display.
(b) Check continuity of the wire harness between terminal G of the navigation ECU and terminal G of the multi display.
(c) Check continuity of the wire harness between terminal B of the navigation ECU and terminal B of the multi display.
(d) Check continuity of the wire harness between terminal VR of the navigation ECU and terminal VR of the multi display.
(e) Check continuity of the wire harness between terminal VG of the navigation ECU and terminal VG of the multi display.
OK:
   Continuity

NG Replace or repair wire harness or connector (See page IN−35).

OK

6	Check navigation ECU.

CHECK:
Check the voltage of terminal R, G, B, VR and VG.
OK:
   SYNC, VR, VG: See "Navigation ECU" of "TERMINAL OF ECU"

NG Replace navigation ECU (See page IN−35).

OK

Replace multi display (See page IN−35).