

33. Audio system cannot be operated with Steering PAD switch. (It can be operated with Panel/Touch switches.)

INSPECTION PROCEDURE

- 1 Pad switch operation check. (To examine whether audio system can be operated with radio and player.)

OK

Go to step 3.

NG

- 2 Check radio and player.

PREPARATION:

Disconnect the radio and player connector.

CHECK:

Check the voltage of terminal +B.

OK:

+B: 10 - 14 V

CHECK:

Check the voltage of terminal ACC when the ignition switch is in ACC or ON position.

OK:

ACC: 10 - 14 V

CHECK:

Check continuity at terminal GND.

OK:

GND: Continuity

NG

Replace or repair wire harness or connector
(See page N-35).

OK

Replace radio and player.

3 Service check mode. (Gateway ECU)

CHECK

Troubleshoot for each diagnosis.

OK

Check gateway system.
(Steering pad switch)

NCON

4 Check gateway ECU.

PREPARATION:

Disconnect the gateway ECU connector.

CHECK:

Check the voltage of terminal +B.

OK:

+B: 10 - 14 V

CHECK:

Check the voltage of terminal ACC when the ignition switch is ACC or ON position.

OK:

ACC: 10 - 14 V

CHECK:

Check continuity at terminal GND.

OK:

GND: Continuity

NG

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

OK

5 Check wire harness between gateway ECU and radio and player.

PREPARATION:

Disconnect the gateway ECU and radio and player connectors.

CHECK:

- (a) Check continuity of the wire harness between terminal GTX+ (9) of the gateway ECU and terminal TXS+ (3) of the radio and player.
- (b) Check continuity of the wire harness between terminal GTX- (20) of the gateway ECU and terminal TXS- (6) of the radio and player.

OK:

Continuity

NG

Replace or repair wire harness or connector (See page N-35).

OK

Replace gateway ECU (See page N-35).