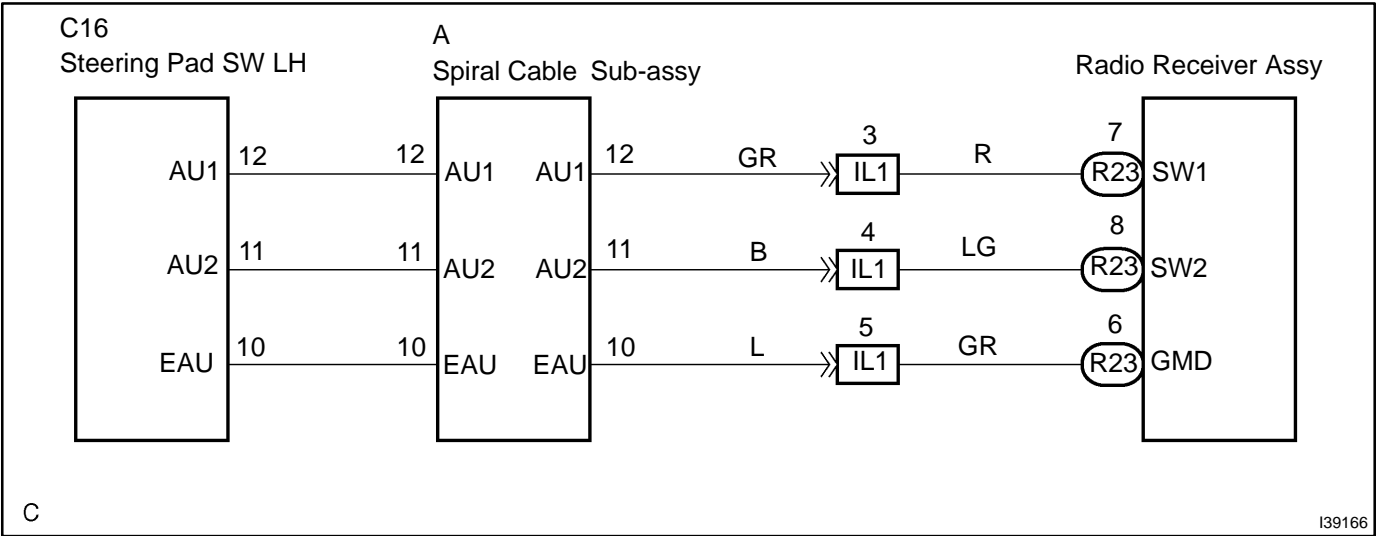


STEERING PAD SWITCH CIRCUIT

CIRCUIT DESCRIPTION

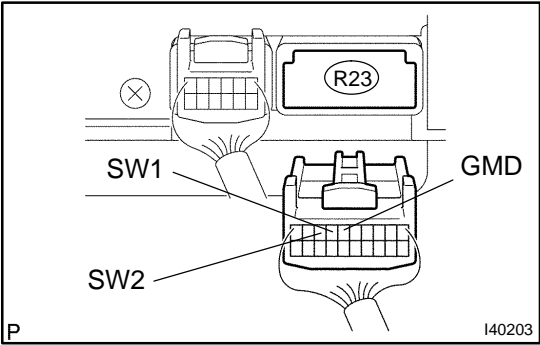
This circuit sends an operation signal from the steering pad switch to the radio receiver assy.
If there is an open in the circuit, the audio system cannot be operated by the steering pad switch.
If there is a short in the circuit, the same condition as that when the switch is continuously depressed occurs.
Therefore, the radio receiver assy cannot be operated by the steering pad switch, and also the radio receiver assy itself does not function.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT RADIO RECEIVER ASSY



- (a) Disconnect the connectors from the radio receiver assy.
- (b) Measure the resistance according to the values in the table below.

Standard:

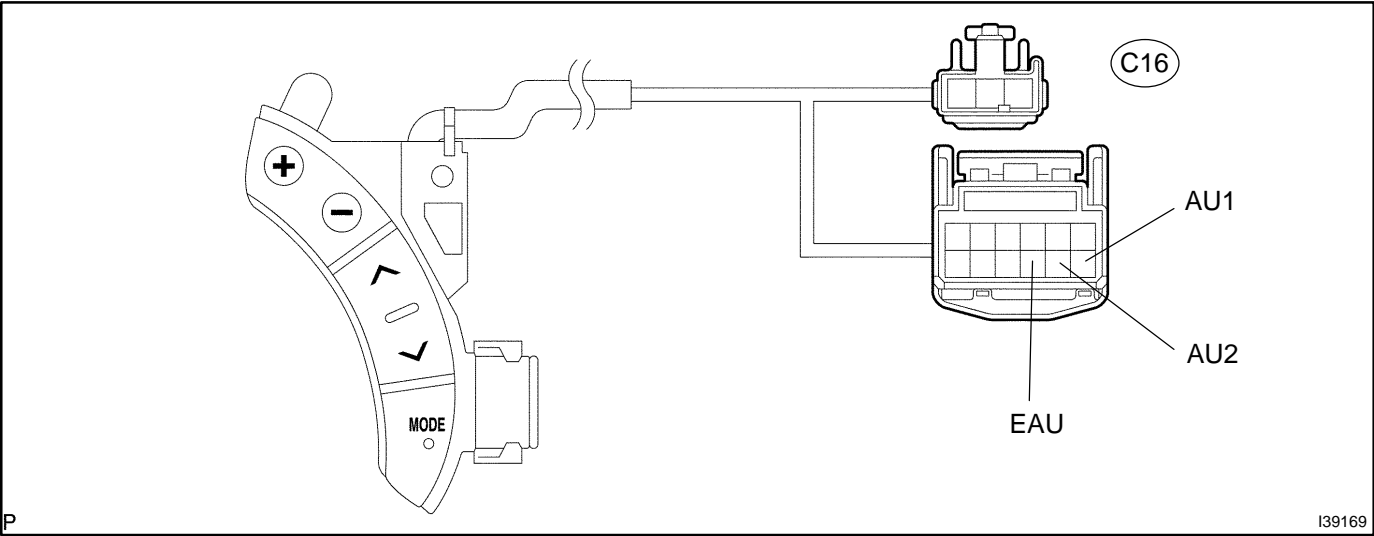
Tester connection	Condition	Specified condition
SW1 - GMD	Do not switch position	Approx. 100 kΩ
SW1 - GMD	SEEK+ switch: push	Approx. 0 Ω
SW1 - GMD	SEEK- switch: push	Approx. 0.3 kΩ
SW1 - GMD	VOL+ switch: push	Approx. 1 kΩ
SW1 - GMD	VOL- switch: push	Approx. 3.2 kΩ
SW2 - GMD	Do not switch position	Approx. 100 kΩ
SW2 - GMD	MODE switch: push	Approx. 0 Ω

NG Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-1632)

2 INSPECT STEERING PAD SWITCH LH(AU1,AU2,EAU)



- (a) Disconnect the steering pad switch LH connector.
- (b) Measure the resistance according to the values in the table below.

Standard:

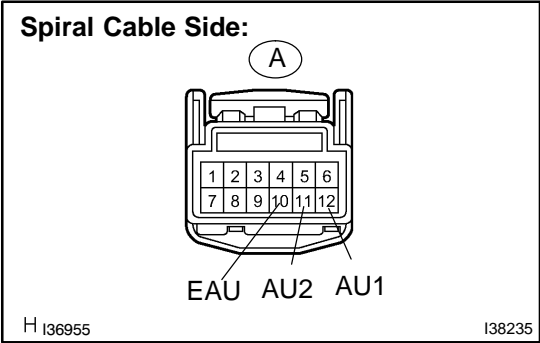
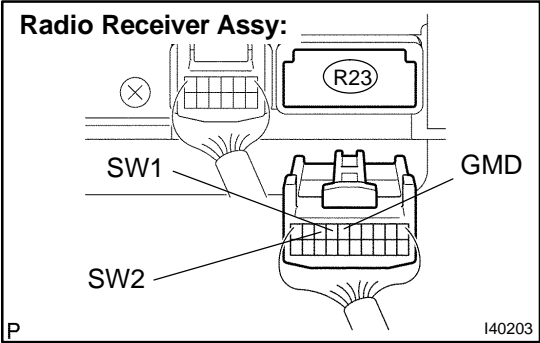
Tester connection	Condition	Specified condition
AU1 - EAU	Do not switch position	Approx. 100 kΩ
AU1 - EAU	SEEK+ switch: push	Approx. 0 Ω
AU1 - EAU	SEEK- switch: push	Approx. 0.3 kΩ
AU1 - EAU	VOL+ switch: push	Approx. 1 kΩ
AU1 - EAU	VOL- switch: push	Approx. 3.2 kΩ
AU2 - EAU	Do not switch position	Approx. 100 kΩ
AU2 - EAU	MODE switch: push	Approx. 0 Ω

NG → REPLACE STEERING PAD SWITCH LH
(SEE PAGE 67-28)

OK

3

CHECK HARNESS AND CONNECTOR(SPIRAL CABLE SUB-ASSY - RADIO RECEIVER ASSY)



- (a) Disconnect the connectors from the spiral cable sub-assy and radio receiver assy R23.
- (b) Measure the resistance according to the values in the table below.

Standard:

Tester connection	Specified condition
SW1 - AU1	Below 1 Ω
SW2 - AU2	Below 1 Ω
GMD - EAU	Below 1 Ω
SW1 - Body ground	10 k Ω or higher
SW2 - Body ground	10 k Ω or higher
GMD - Body ground	10 k Ω or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE SPIRAL CABLE SUB-ASSY (SEE PAGE 60-26)