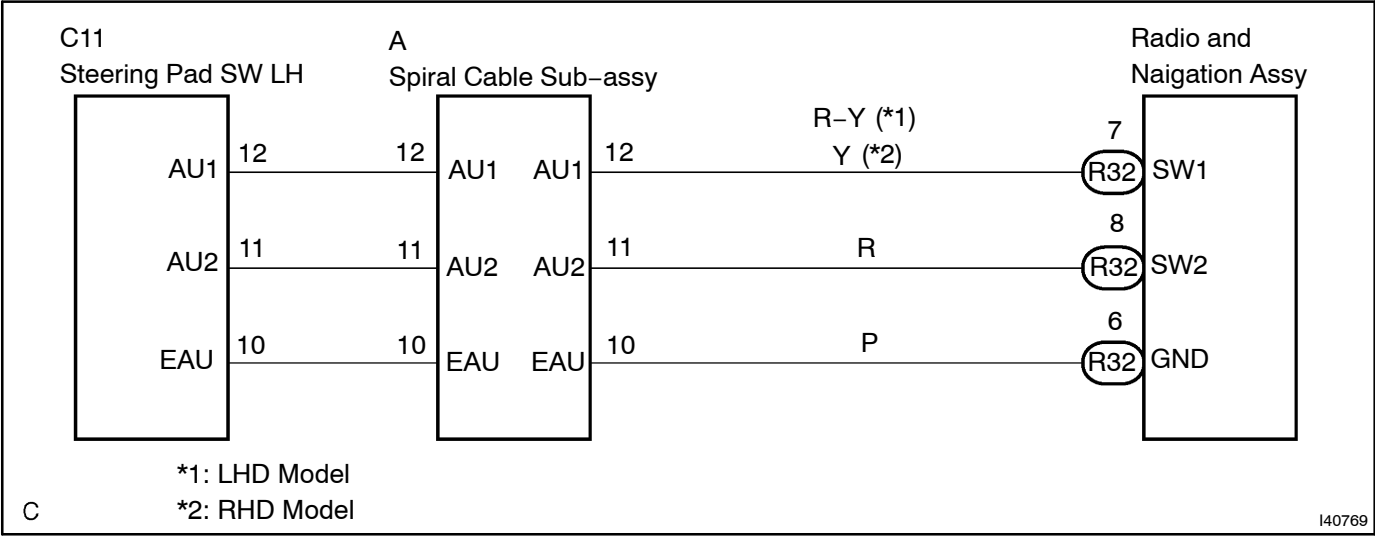


STEERING PAD SWITCH CIRCUIT

CIRCUIT DESCRIPTION

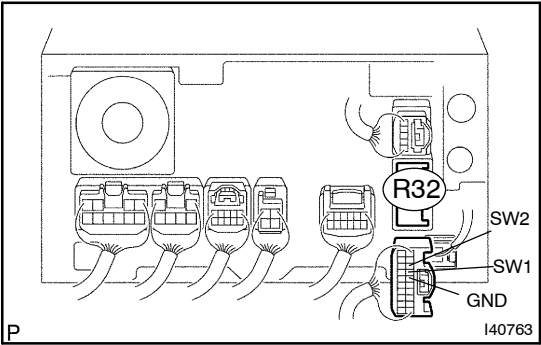
This circuit sends an operation signal from the steering pad switch to the radio and navigation assy. If there is an open in the circuit, the audio system cannot be operated by the steering pad switch. If there is a short in the circuit, the same condition as that when the switch is continuously depressed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

WIRING DIAGRAM



# INSPECTION PROCEDURE

## 1 INSPECT RADIO AND NAVIGATION ASSY



- (a) Disconnect the connector from the radio and navigation assy.
- (b) Measure the resistance according to the values in the table below.

### Standard:

Tester connection	Condition	Specified condition
SW1 - GND	No switch is pushed	Approx. 100 kΩ
SW1 - GND	SEEK+ switch: push	Approx. 0 Ω
SW1 - GND	SEEK- switch: push	Approx. 0.3 kΩ
SW1 - GND	VOL+ switch: push	Approx. 1 kΩ
SW1 - GND	VOL- switch: push	Approx. 3.2 kΩ
SW2 - GND	No switch is pushed	Approx. 100 kΩ
SW2 - GND	MODE switch: push	Approx. 0 Ω

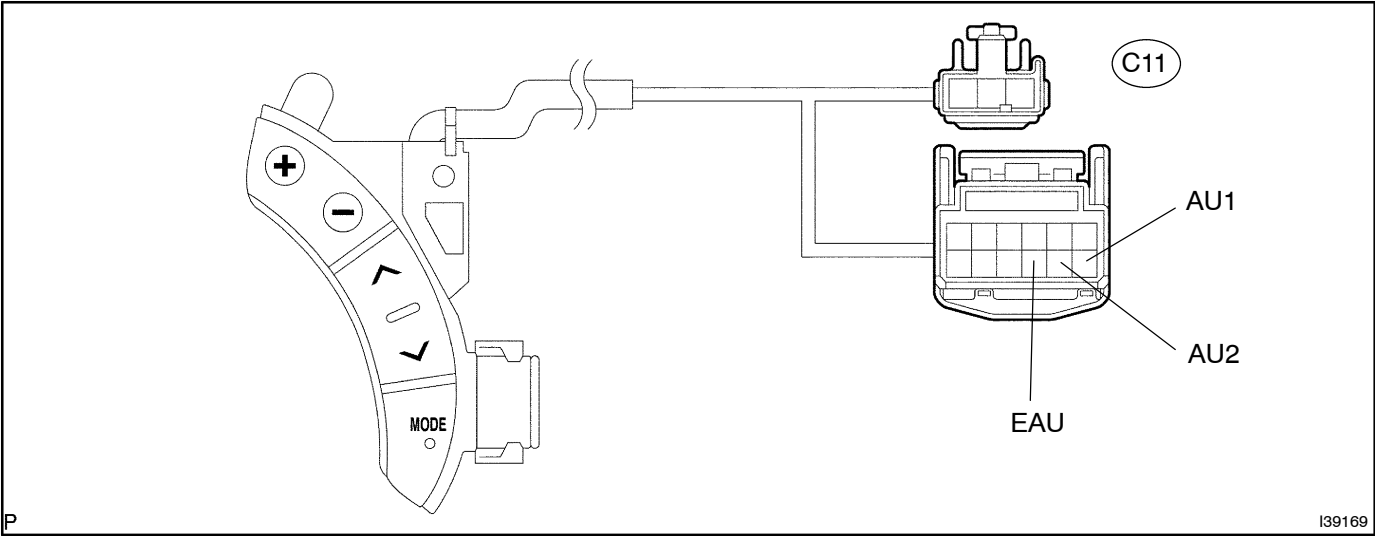
**NG** Go to step 2

**OK**

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-1094)**

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	No switch is pushed	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	No switch is pushed	Approx. 100 kΩ
AU2 – EAU	MODE switch: push	Approx. 0 Ω

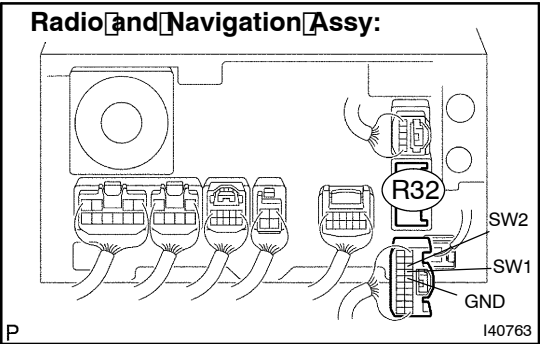
NG

REPLACE STEERING PAD SWITCH LH

OK

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

Radio and Navigation Assy:

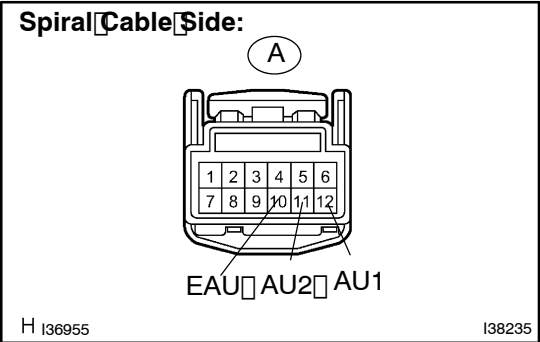


- (a) Disconnect the connectors from the spiral cable sub-assy and radio and navigation assy.
- (b) Measure the resistance according to the values in the table below.

Standard:

Tester Connection	Specified Condition
SW1 - AU1	Below 1 Ω
SW2 - AU2	Below 1 Ω
GND - EAU	Below 1 Ω
SW1 - Body ground	10 kΩ or higher
SW2 - Body ground	10 kΩ or higher
GND - Body ground	10 kΩ or higher

Spiral Cable Side:



NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE SPIRAL CABLE SUB-ASSY (SEE PAGE 60-24)