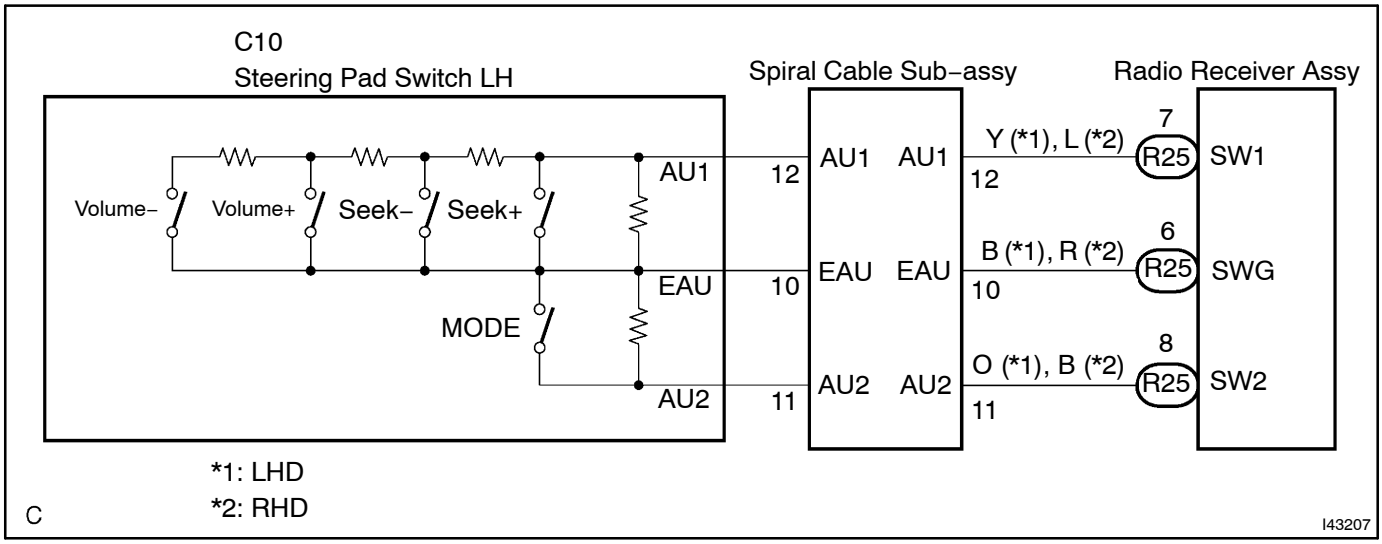
STEERING PAD SWITCH CIRCUIT

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



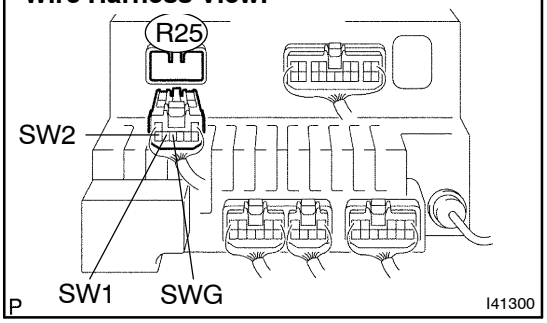
INSPECTION PROCEDURE

NOTICE:

The vehicle is equipped with SRS (Supplemental Restraint System) such as airbags. Before servicing (including removal or installation of parts), be sure to read the precautionary notice for the supplemental restraint system (see page 60–1).

1	INSPECT RADIO RECEIVER ASSY

Wire Harness View:



(a) Disconnect the radio receiver assy connector R25.

(b) Measure the resistance according to the value(s) in the table below.

Standard:

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

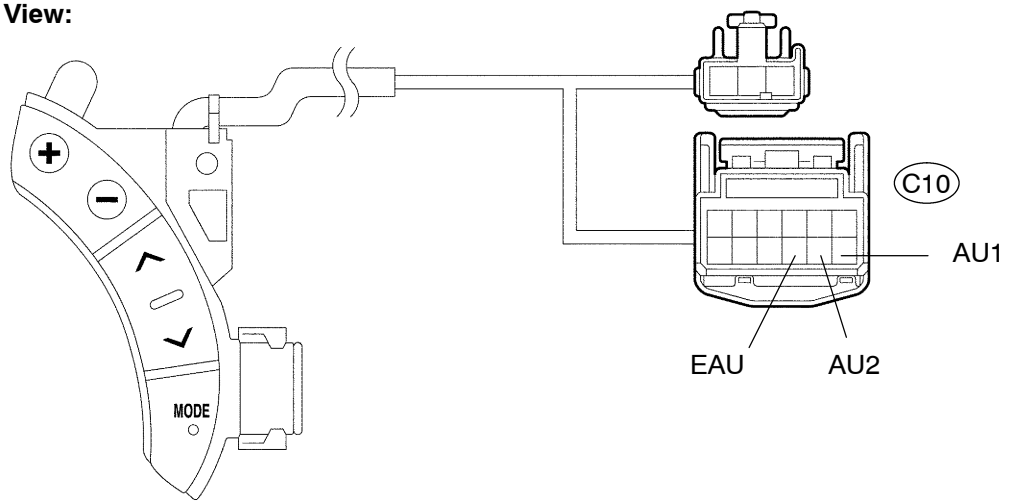
NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–223)

2	INSPECT STEERING PAD SWITCH ASSY

Connector Front View:



P I39169

(a) Disconnect the steering pad switch assy connector.
(b) Measure the resistance according to the value(s) in the table below.

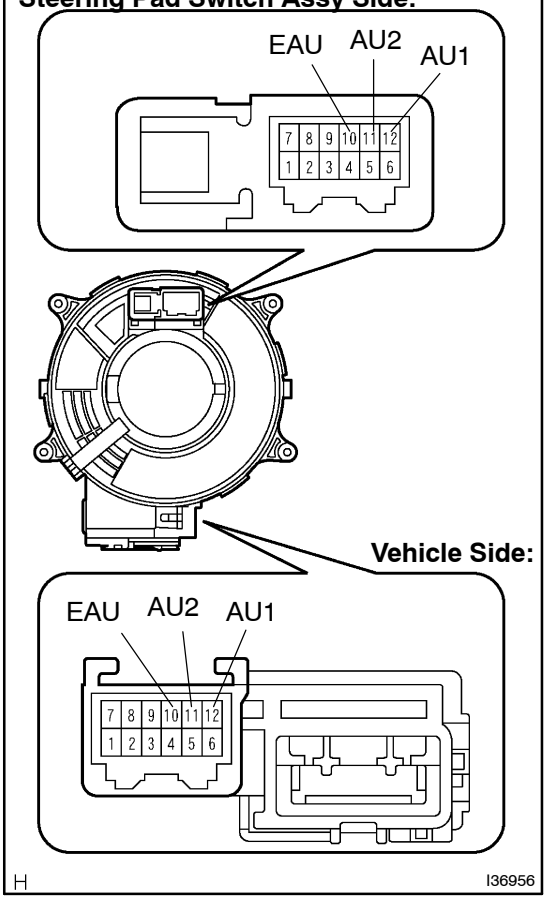
Standard:

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 ASSY (SEE PAGE 67–2)**

OK

3 INSPECT SPIRAL CABLE SUB–ASSY



(a) Disconnect the steering pad switch assy C10 and spiral cable sub–assy connectors.

(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Specified condition
EAU – EAU	Below 1 Ω
AU1 – AU1	Below 1 Ω
AU2 – AU2	Below 1 Ω

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (SPIRAL CABLE SUB–ASSY – RADIO RECEIVER ASSY)

NG

REPLACE SPIRAL CABLE SUB–ASSY (SEE PAGE 60–28)