

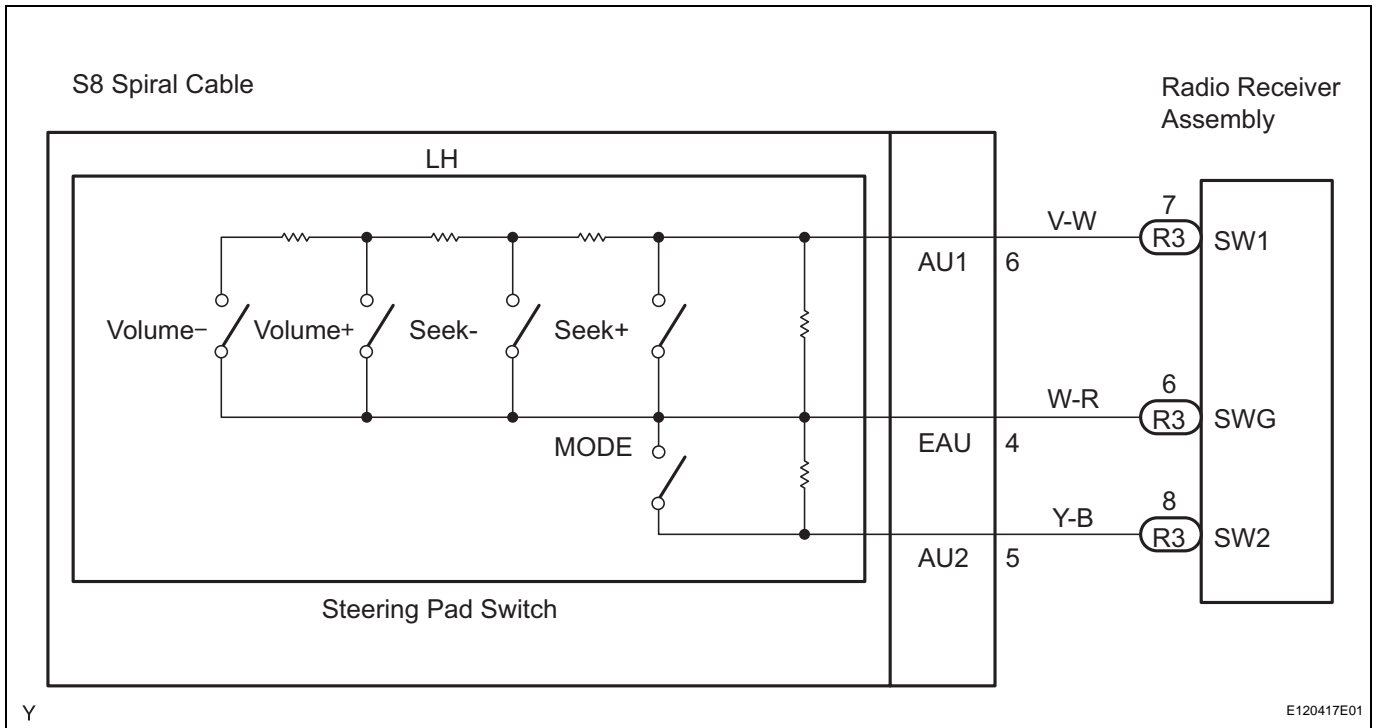
Steering Pad Switch Circuit

DESCRIPTION

This circuit sends an operation signal from the steering pad switch to the radio receiver assembly. 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 assembly cannot be operated by the steering pad switch, and also the radio receiver assembly itself does not function.

WIRING DIAGRAM

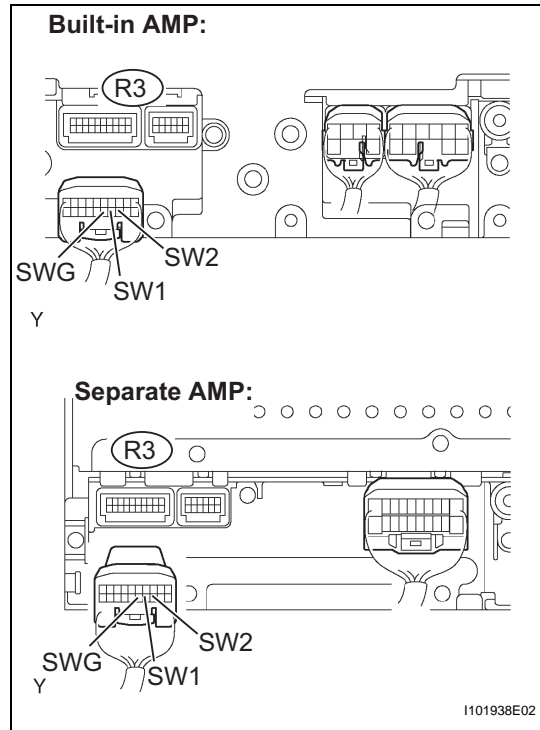


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AV

1 INSPECT RADIO RECEIVER ASSEMBLY



- (a) Disconnect the R3 radio receiver assembly connector.
- (b) Measure the resistance.

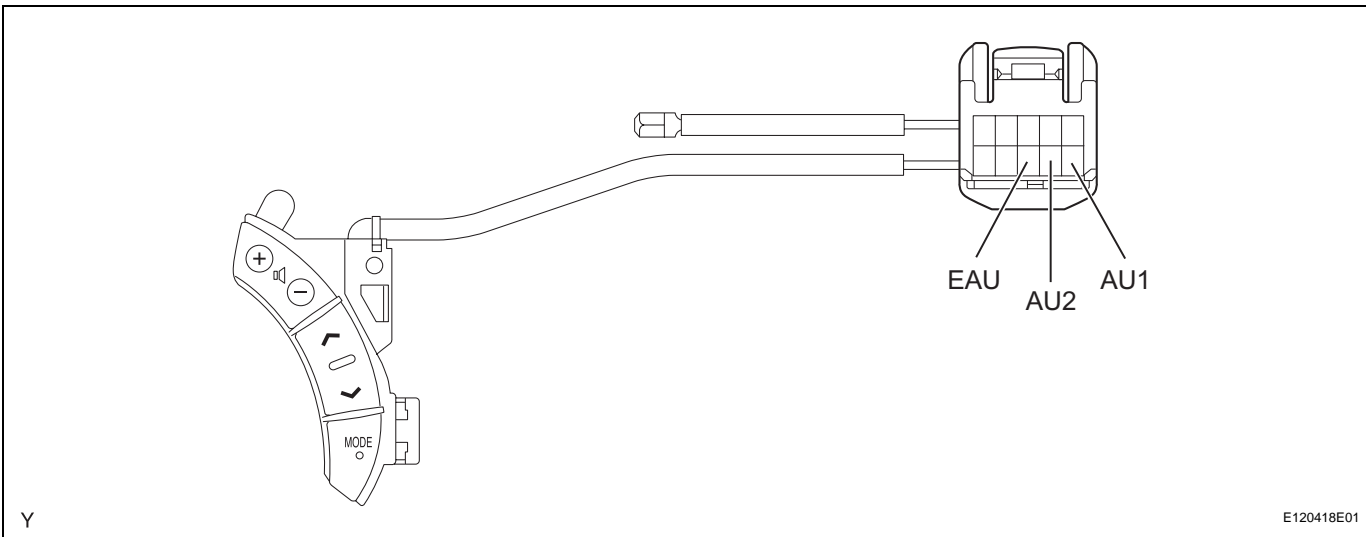
Standard

Tester Connection	Condition	Specified Condition
SW1 (R3-7) - SWG (R3-6)	No switch is pushed	Approx. 100 kΩ
SW1 (R3-7) - SWG (R3-6)	SEEK+ switch is pushed	Approx. 0 Ω
SW1 (R3-7) - SWG (R3-6)	SEEK- switch is pushed	Approx. 0.3 kΩ
SW1 (R3-7) - SWG (R3-6)	VOL+ switch is pushed	Approx. 1 kΩ
SW1 (R3-7) - SWG (R3-6)	VOL- switch is pushed	Approx. 3.1 kΩ
SW2 (R3-8) - SWG (R3-6)	No switch is pushed	Approx. 100 kΩ
SW2 (R3-8) - SWG (R3-6)	MODE switch is pushed	Approx. 0 Ω

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

NG

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



- (a) Disconnect the steering pad switch LH connector.
- (b) Measure the resistance.

Standard

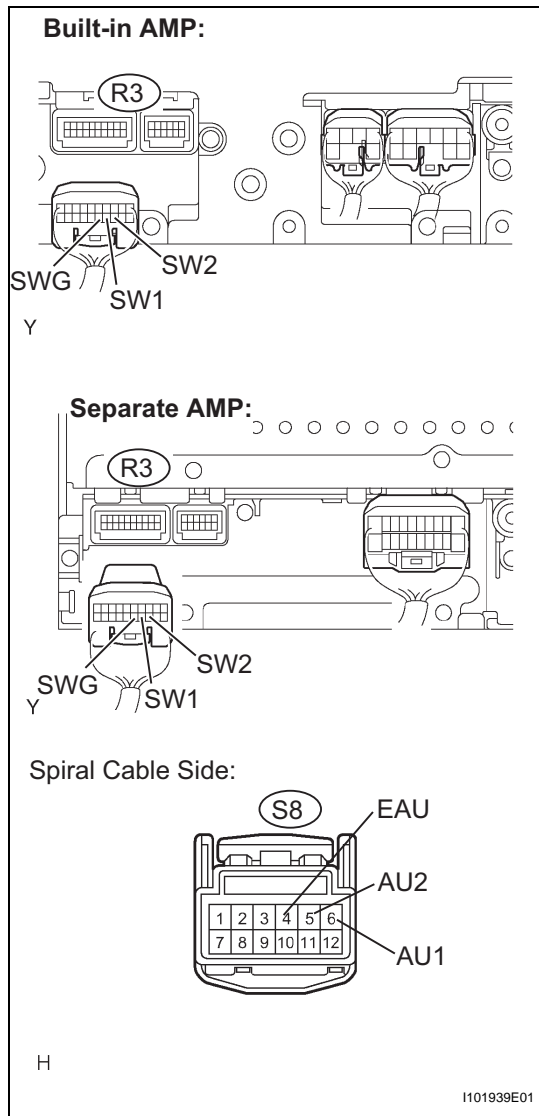
Tester Connection	Condition	Specified Condition
AU1 - EAU	No switch is pushed	Approx. 100 kΩ
AU1 - EAU	SEEK+ switch is pushed	Approx. 0 Ω
AU1 - EAU	SEEK- switch is pushed	Approx. 0.3 kΩ

Tester Connection	Condition	Specified Condition
AU1 - EAU	VOL+ switch is pushed	Approx. 1 kΩ
AU1 - EAU	VOL- switch is pushed	Approx. 3.1 kΩ
AU2 - EAU	No switch is pushed	Approx. 100 kΩ
AU2 - EAU	MODE switch is pushed	Approx. 0 Ω

NG → **REPLACE STEERING PAD SWITCH LH**

OK

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



- (a) Disconnect the S8 spiral cable sub-assembly connector.
- (b) Disconnect the R3 radio receiver assembly connector.
- (c) Check the resistance.

Standard

Tester Connection	Specified Condition
SW1 (R3-7) - AU1 (S8-6)	Below 1Ω
SW2 (R3-8) - AU2 (S8-5)	Below 1Ω
SWG (R3-6) - EAU (S8-4)	Below 1Ω
SW1 (R3-7) - Body ground	10 kΩ or higher
SW2 (R3-8) - Body ground	10 kΩ or higher
SWG (R3-6) - Body ground	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

REPLACE SPIRAL CABLE SUB-ASSEMBLY