

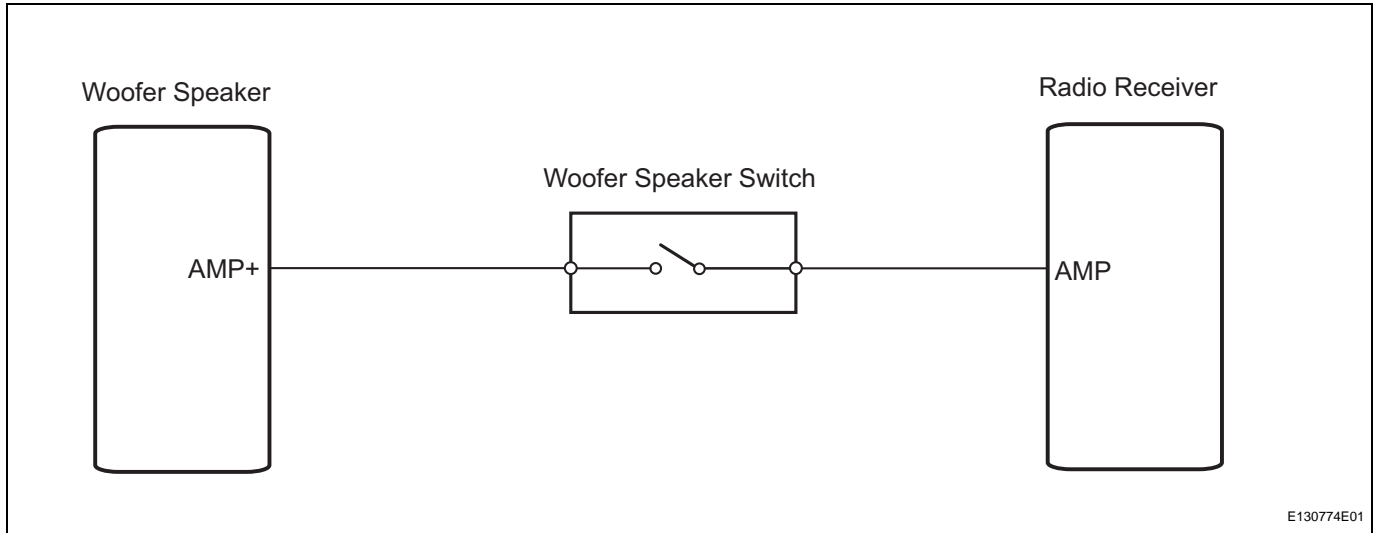
## Woofer Speaker Switch Circuit

### DESCRIPTION

This is the circuit between the radio receiver and the woofer speaker. When the woofer speaker switch is turned ON and OFF, the woofer speaker is activated and deactivated through control of the signals between the receiver and the woofer speaker.

If there is an open or short in the circuit, sound cannot be heard from the woofer speaker even if there is no malfunction in the radio receiver or woofer speaker.

### WIRING DIAGRAM



### INSPECTION PROCEDURE

**AV**

#### 1 INSPECT WOOFER SPEAKER SWITCH

- (a) Check the woofer speaker switch (See page [AV-127](#)).

**OK:**

Woofer speaker switch is normal.

**NG**

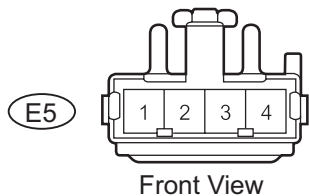
**REPLACE WOOFER SPEAKER SWITCH**

**OK**

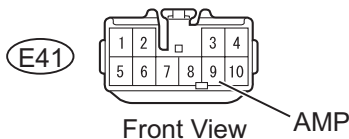
**2 CHECK HARNESS AND CONNECTOR (RADIO RECEIVER - WOOFER SPEAKER SWITCH)**

Wire Harness Side:

Woofers Speaker Switch Connector



Radio Receiver Connector



E130775E01

- (a) Disconnect the E41 receiver connector.
- (b) Disconnect the E5 woofer speaker switch connector.
- (c) Measure the resistance.

**Standard resistance**

Tester Connection	Specified Condition
E41-9 (AMP) - E5-3	Below 1 Ω
E41-9 (AMP) or E5-3 - Body ground	10 kΩ or higher

- (d) Reconnect the receiver connector.
- (e) Reconnect the woofer speaker switch connector.

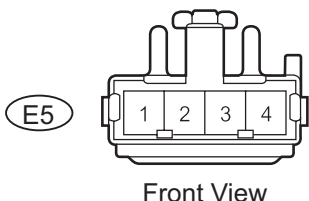
**NG** REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

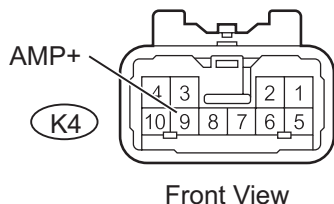
**3 CHECK HARNESS AND CONNECTOR (WOOFER SPEAKER - WOOFER SPEAKER SWITCH)**

Wire Harness Side:

Woofers Speaker Switch Connector



Woofers Speaker Connector



E130776E01

- (a) Disconnect the K4 woofer speaker connector.
- (b) Disconnect the E5 woofer speaker switch connector.
- (c) Measure the resistance.

**Standard resistance**

Tester Connection	Specified Condition
K4-9 (AMP+) - E5-4	Below 1 Ω
K4-9 (AMP+) or E5-4 - Body ground	10 kΩ or higher

- (d) Reconnect the woofer speaker connector.
- (e) Reconnect the woofer speaker switch connector.

**NG** REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE