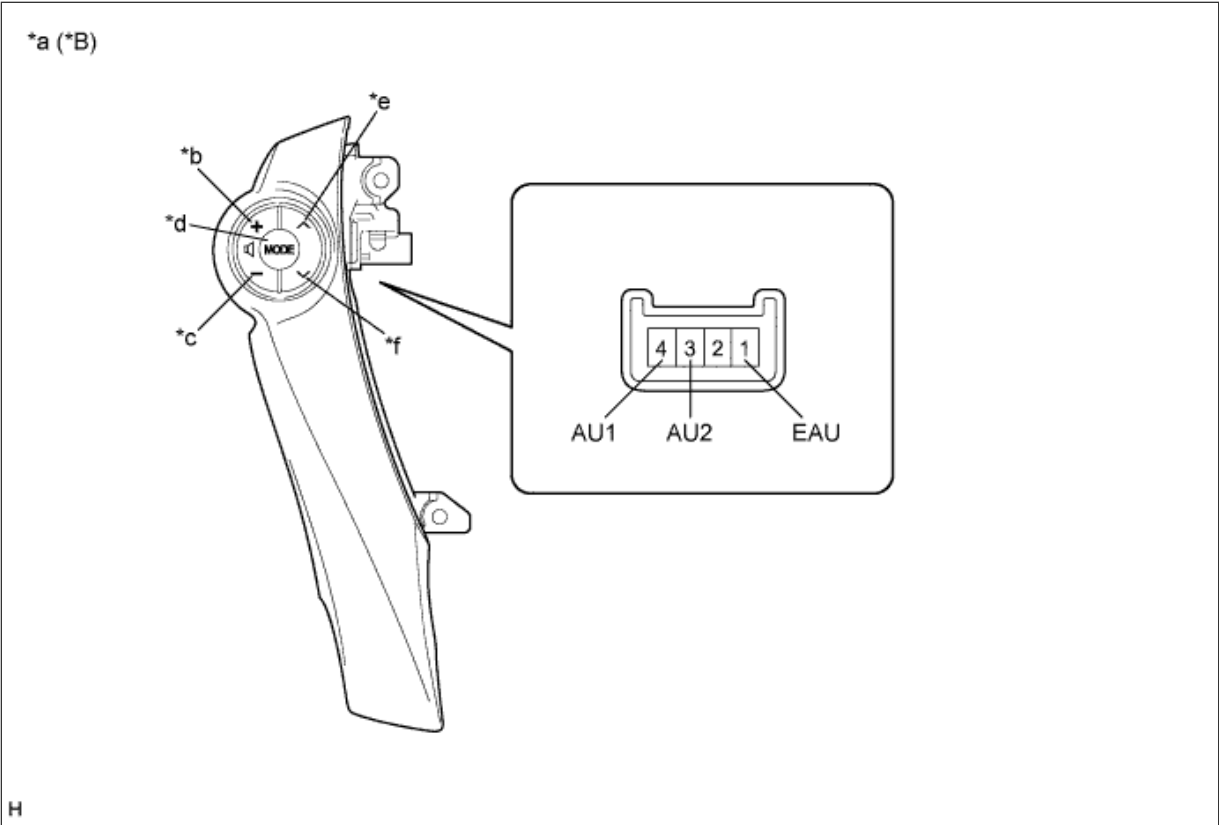
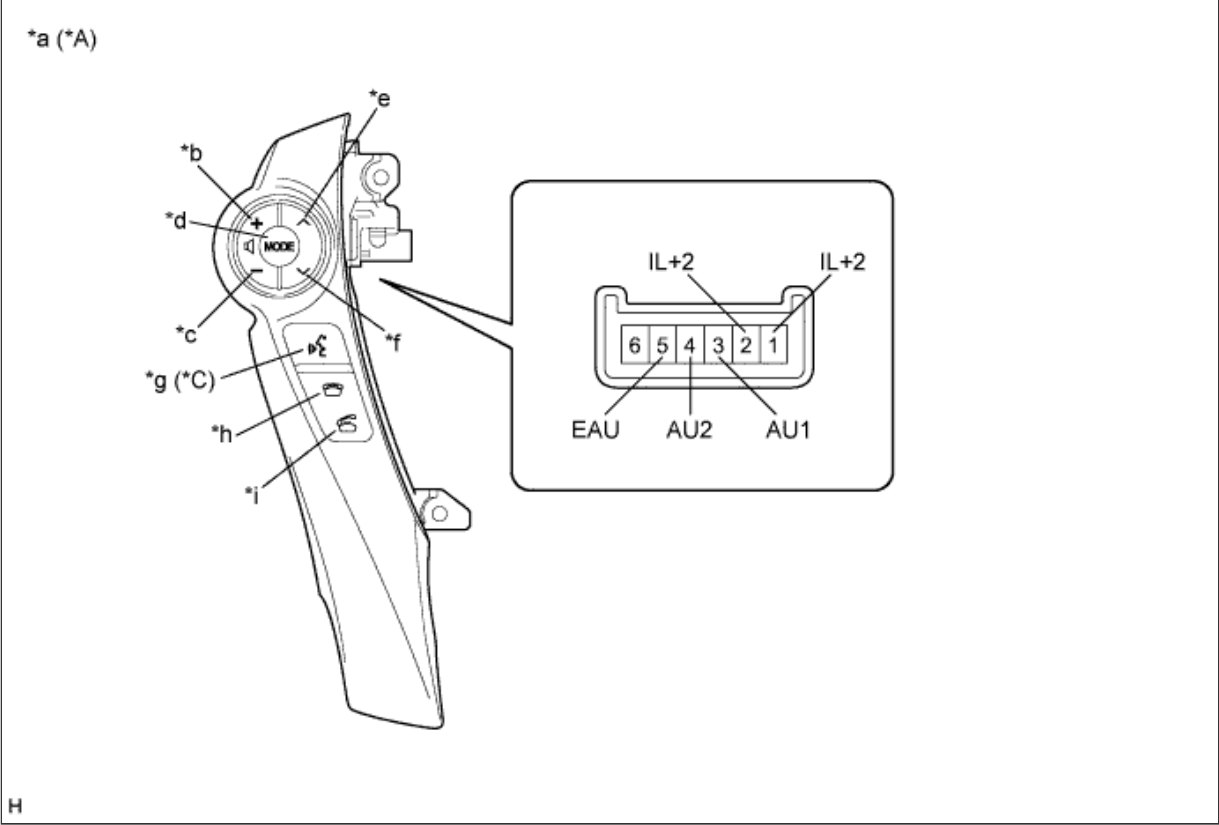


# STEERING PAD SWITCH INSPECTION



## 1. INSPECT STEERING PAD SWITCH LH

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



## Standard Resistance

### w/ Touch Tracer Display

Tester Connection	Condition	Specified Condition
1 (IL+2) - 2 (IL+2)	No switch pushed	Below 1 $\Omega$
3 (AU1) - 5 (EAU)	No switch pushed	95 to 105 k $\Omega$
	Seek+ switch pushed	Below 2.5 $\Omega$
	Seek- switch pushed	323 to 335 $\Omega$
	Volume+ switch pushed	980 to 1020 $\Omega$
	Volume- switch pushed	3048 to 3172 $\Omega$
4 (AU2) - 5 (EAU)	No switch pushed	95 to 105 k $\Omega$
	MODE switch pushed	Below 2.5 $\Omega$
	On hook switch pushed	323 to 335 $\Omega$
	Off hook switch pushed	980 to 1020 $\Omega$
	Voice switch pushed*1	3048 to 3172 $\Omega$

### w/o Touch Tracer Display

Tester Connection	Condition	Specified Condition
4 (AU1) - 1 (EAU)	No switch pushed	95 to 105 k $\Omega$
	Seek+ switch pushed	Below 2.5 $\Omega$
	Seek- switch pushed	323 to 335 $\Omega$
	Volume+ switch pushed	980 to 1020 $\Omega$
	Volume- switch pushed	3048 to 3172 $\Omega$
3 (AU2) - 1 (EAU)	No switch pushed	95 to 105 k $\Omega$
	MODE switch pushed	Below 2.5 $\Omega$

**\*1: w/ Voice Switch of Steering Pad Switch LH**

### Tech Tips

If the result is not as specified, replace the steering pad switch LH.

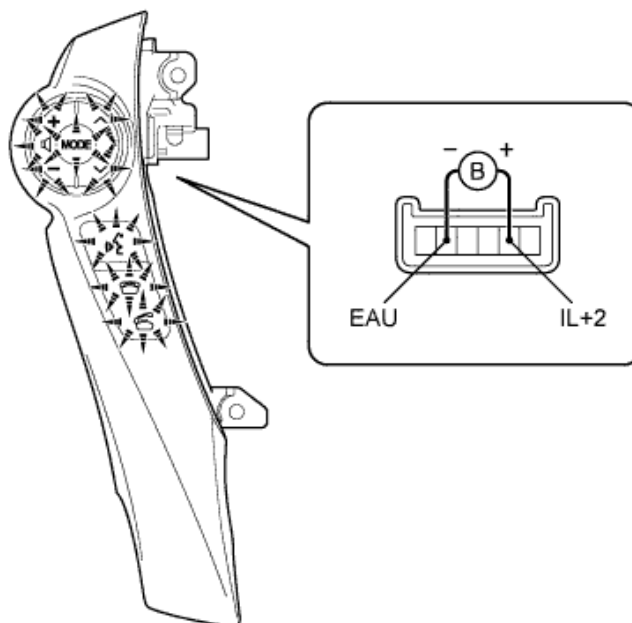
### Text in Illustration

*A	w/ Touch Tracer Display	*B	w/o Touch Tracer Display
*C	w/ Voice Switch of Steering Pad Switch LH	-	-
*a	Component without harness connected	*b	Volume+

	(Steering Pad Switch LH)		
*c	Volume-	*d	MODE
*e	Seek+	*f	Seek-
*g	Voice	*h	On hook
*i	Off hook	-	-

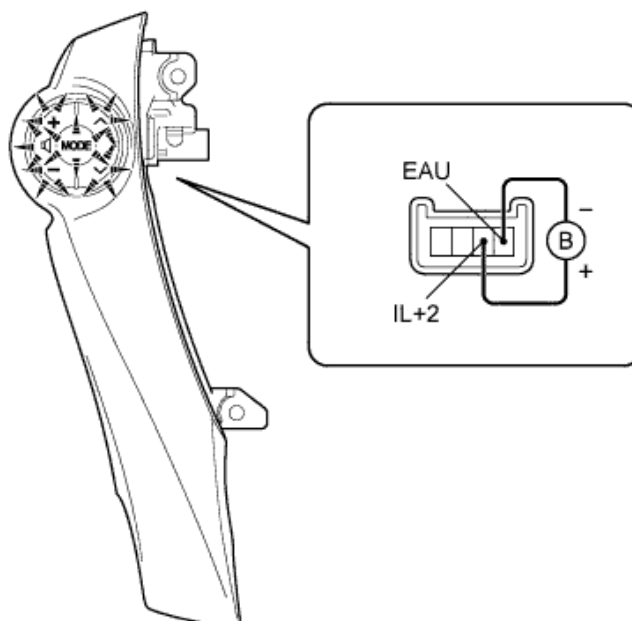
**b. Check the illumination.**

\*a (\*A)



H

\*a (\*B)



H

i. Connect an auxiliary battery positive (+) lead to terminal IL+2 and a negative (-) lead to terminal EAU of the steering pad switch LH connector.

ii. Check that the switch illumination comes on.

OK

Steering pad switch illumination comes on.

### Tech Tips

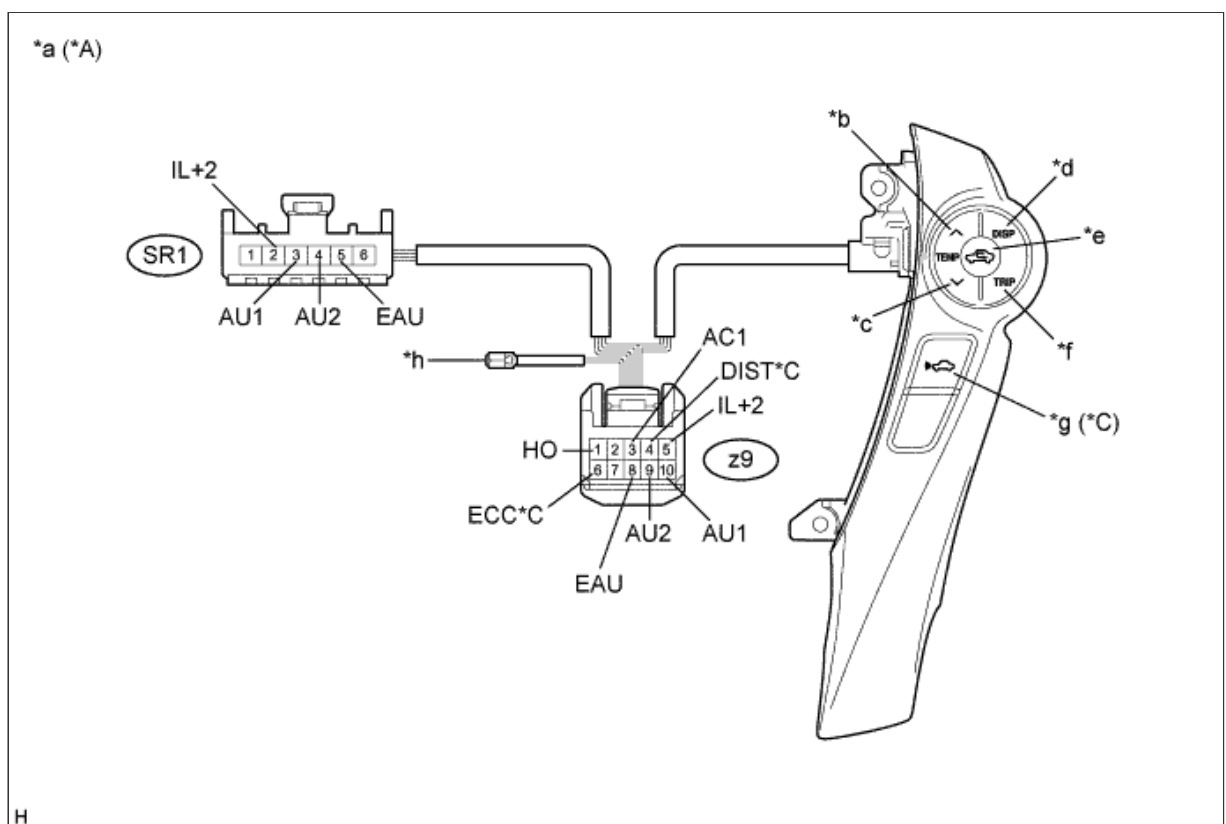
If the result is not as specified, replace the steering pad switch LH.

#### Text in Illustration

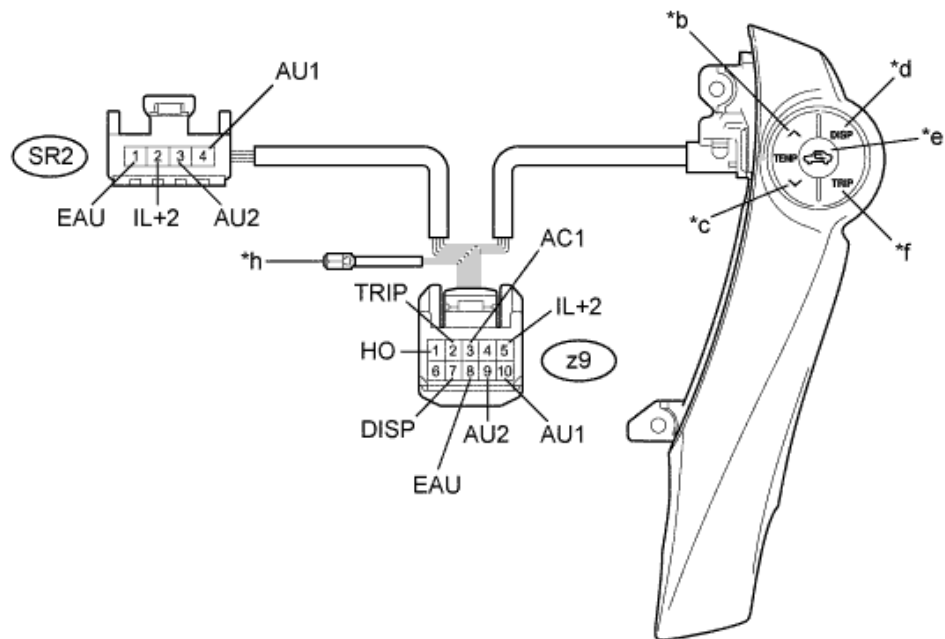
*A	w/ Touch Tracer Display	*B	w/o Touch Tracer Display
*a	Component without harness connected (Steering Pad Switch LH)	-	-

## 2. INSPECT STEERING PAD SWITCH RH

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



\*a (\*B)



H

## Standard Resistance

### w/ Touch Tracer Display

Tester Connection	Condition	Specified Condition
z9-1 (HO) - Terminal-A	Always	Below 1 $\Omega$
z9-3 (AC1) - z9-8 (EAU)	No switch pushed	95 to 105 k $\Omega$
	R/F switch pushed	323 to 335 $\Omega$
	TEMP+ switch pushed	980 to 1020 $\Omega$
	TEMP- switch pushed	3048 to 3172 $\Omega$
z9-4 (DIST) - z9-6 (ECC)*1	No switch pushed	1 M $\Omega$ or higher
	Distance control switch pushed	Below 2.5 $\Omega$
SR1-2 (IL+2) - z9-5 (IL+2)	Always	Below 1 $\Omega$
SR1-3 (AU1) - z9-10 (AU1)	Always	Below 1 $\Omega$
SR1-4 (AU2) - z9-9 (AU2)	Always	Below 1 $\Omega$
SR1-5 (EAU) - z9-8 (EAU)	Always	Below 1 $\Omega$

### w/o Touch Tracer Display

Tester Connection	Condition	Specified Condition
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Tester Connection	Condition	Specified Condition
z9-1 (HO) - Terminal-A	Always	Below 1 $\Omega$
z9-2 (TRIP) - z9-8 (EAU)	TRIP switch pushed	Below 2.5 $\Omega$
z9-3 (AC1) - z9-8 (EAU)	No switch pushed	95 to 105 k $\Omega$
	R/F switch pushed	323 to 335 $\Omega$
	TEMP+ switch pushed	980 to 1020 $\Omega$
	TEMP- switch pushed	3048 to 3172 $\Omega$
z9-7 (DISP) - z9-8 (EAU)	DISP switch pushed	Below 2.5 $\Omega$
SR2-2 (IL+2) - z9-5 (IL+2)	Always	Below 1 $\Omega$
SR2-4 (AU1) - z9-10 (AU1)	Always	Below 1 $\Omega$
SR2-3 (AU2) - z9-9 (AU2)	Always	Below 1 $\Omega$
SR2-1 (EAU) - z9-8 (EAU)	Always	Below 1 $\Omega$

**\*1: w/ Distance Control Switch of Steering Pad Switch RH**

**Tech Tips**

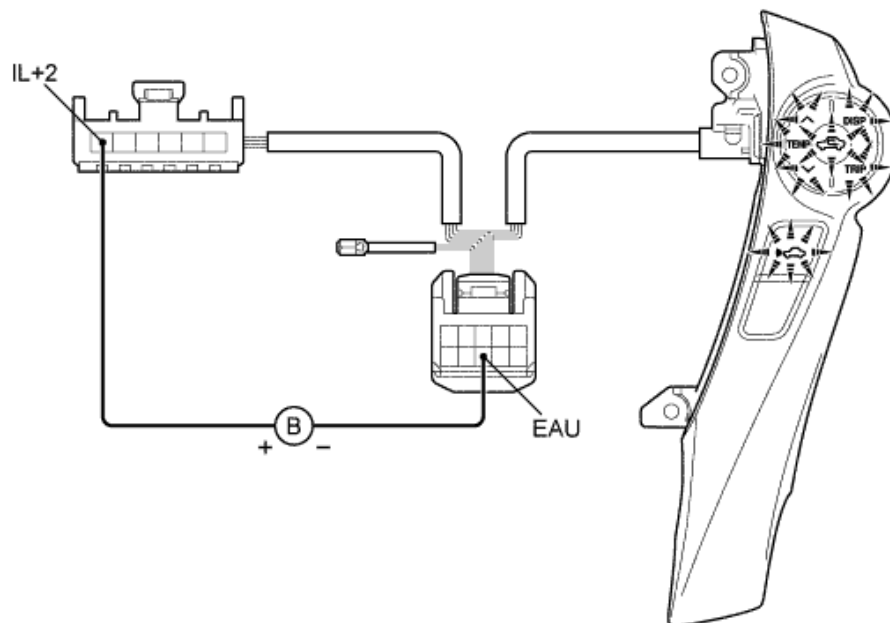
If the result is not as specified, replace the steering pad switch RH.

**Text in Illustration**

*A	w/ Touch Tracer Display	*B	w/o Touch Tracer Display
*C	w/ Distance Control Switch of Steering Pad Switch RH	-	-
*a	Component without harness connected (Steering Pad Switch RH)	*b	TEMP+
*c	TEMP-	*d	DISP
*e	R/F	*f	TRIP
*g	Distance control	*h	Terminal-A

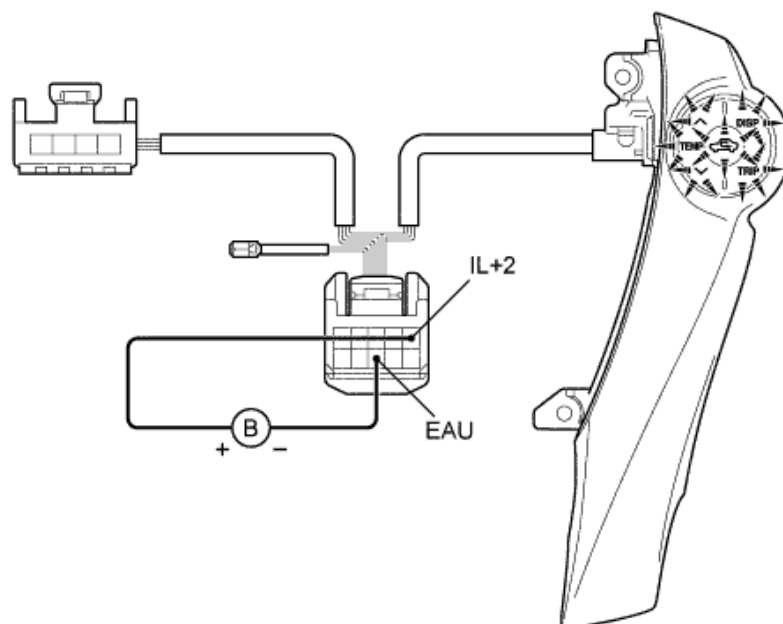
**b. Check the illumination.**

\*a (\*A)



H

\*a (\*B)



H

- i. Connect an auxiliary battery positive (+) lead to terminal IL+2 and a negative (-) lead to terminal EAU of the steering pad switch RH connector.
- ii. Check that the switch illumination comes on.

OK

Steering pad switch illumination comes on.

### Tech Tips

If the result is not as specified, replace the steering pad switch RH.

Text in Illustration

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*A	w/ Touch Tracer Display	*B	w/o Touch Tracer Display
*a	Component without harness connected (Steering Pad Switch RH)	-	-