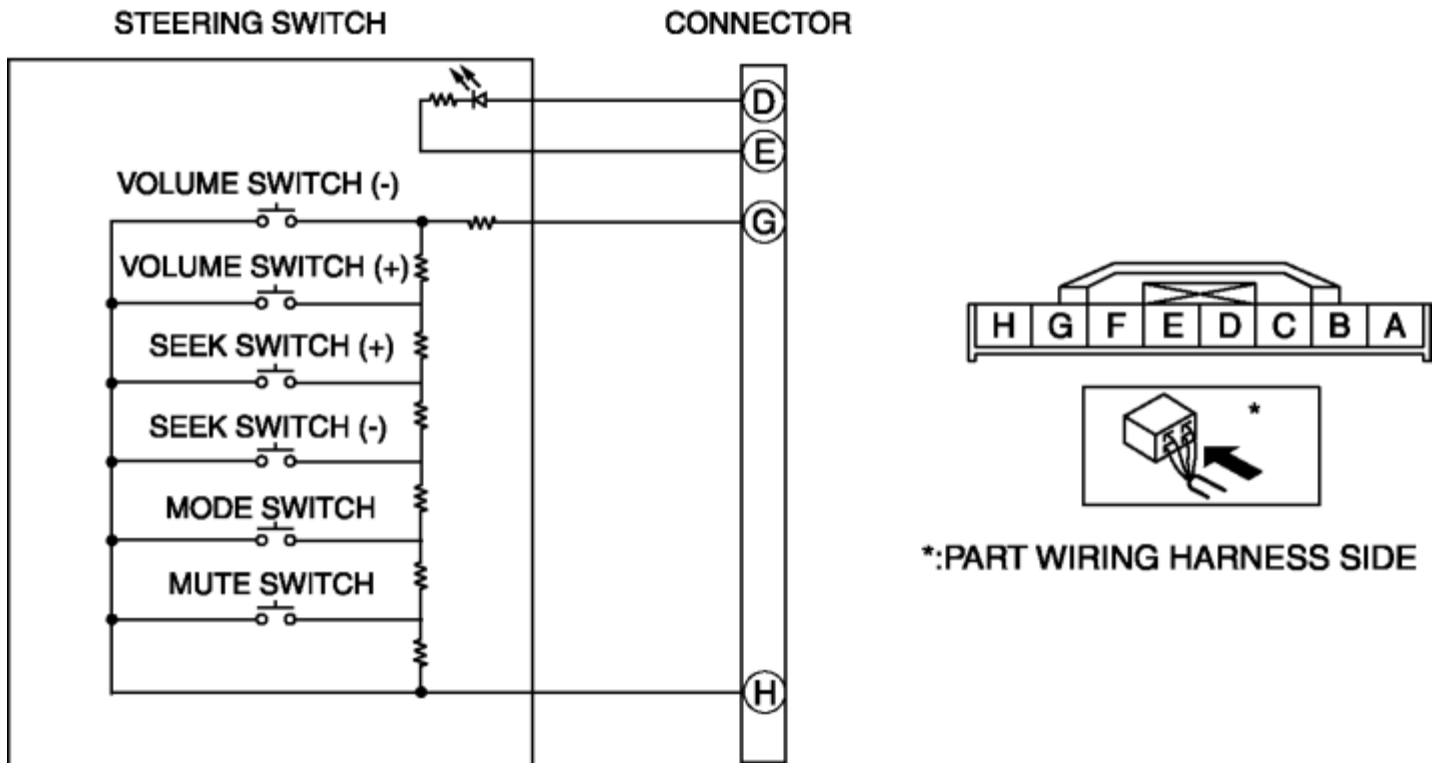


2012 - Mazda6 - Body and Accessories

STEERING SWITCH INSPECTION

Without Bluetooth System

1. Disconnect the negative battery cable and wait for 1 min or more.
2. Remove the driver-side air bag module. (See [DRIVER-SIDE AIR BAG MODULE REMOVAL/ INSTALLATION.](#))
3. Disconnect the steering switch connector.
4. Verify the resistance between the steering switch terminals.

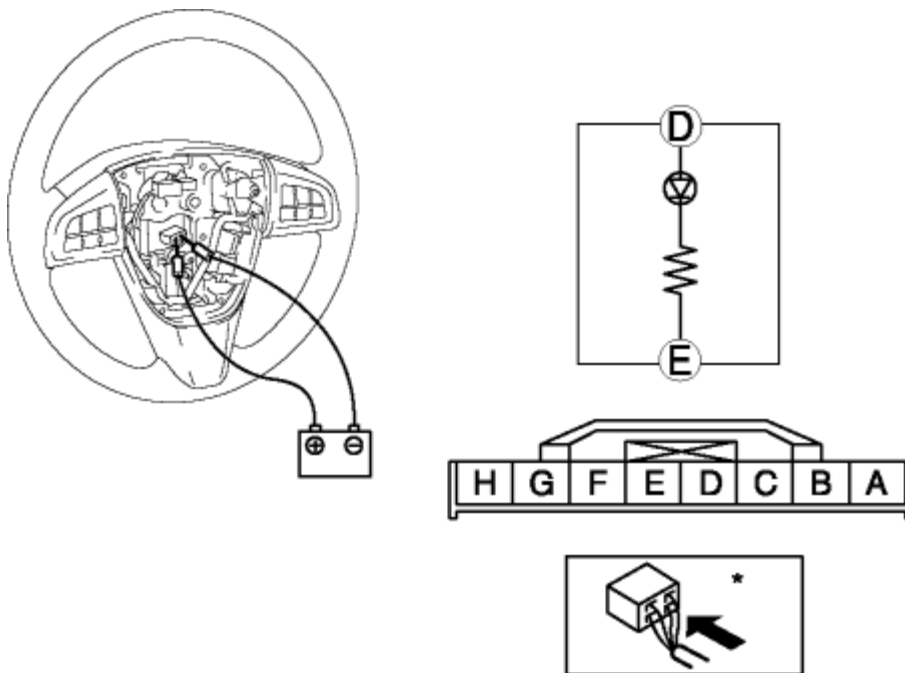


- If not within the specification, replace the steering switch.

○—○ : Resistance

Switch Position	Terminal		Resistance (ohm)
	G	H	
Volume Switch (-) ON	○—○	○—○	53.064—54.136
Volume Switch (+) ON	○—○	○—○	145.233—148.167
Seek Switch (+) ON	○—○	○—○	297.693—303.707
Seek Switch (-) ON	○—○	○—○	556.083—567.317
MODE Switch ON	○—○	○—○	1,026.333—1,047.067
Mute Switch ON	○—○	○—○	2,016.333—2,057.067
OFF	○—○	○—○	4,986.333—5,087.067

5. Apply battery positive voltage to steering switch terminal D, and connect terminal E to ground.



*:PART WIRING HARNESS SIDE

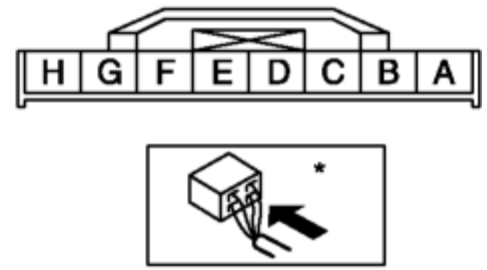
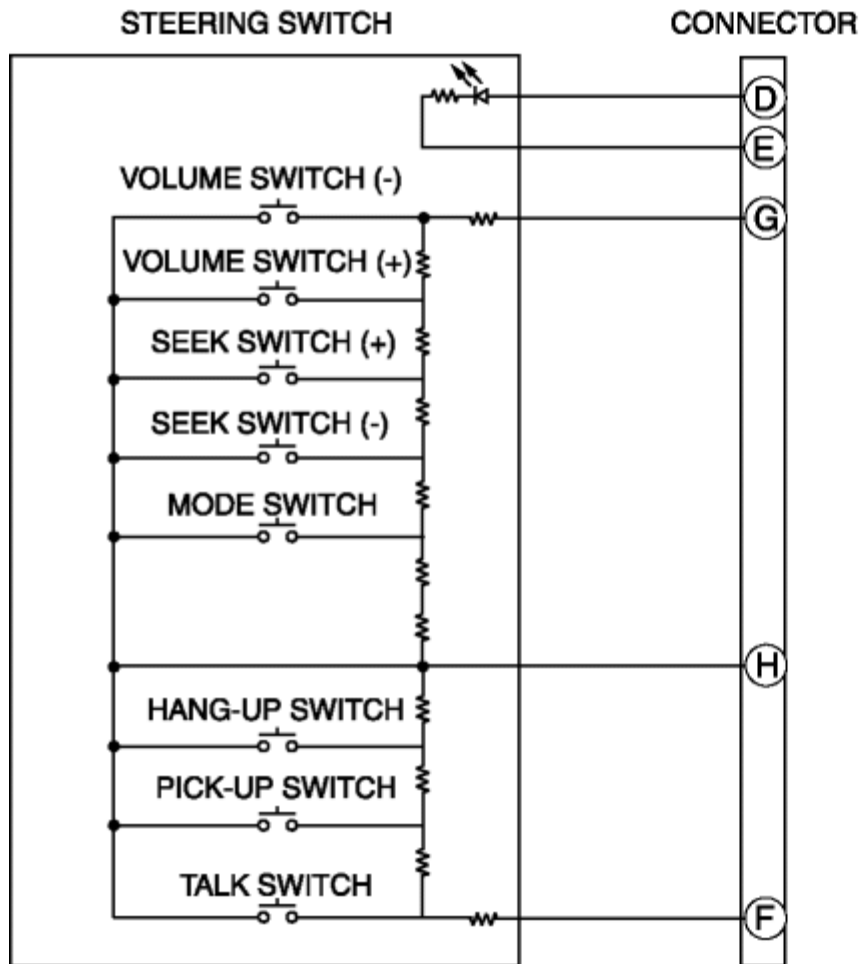
6. Verify that the LED illuminates.

- If the LED does not illuminate, replace the steering switch.

With Bluetooth System

1. Disconnect the negative battery cable and wait for 1 min or more.
2. Remove the driver-side air bag module. (See [DRIVER-SIDE AIR BAG MODULE REMOVAL/ INSTALLATION.](#))
3. Disconnect the steering switch connector.

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*:PART WIRING HARNESS SIDE

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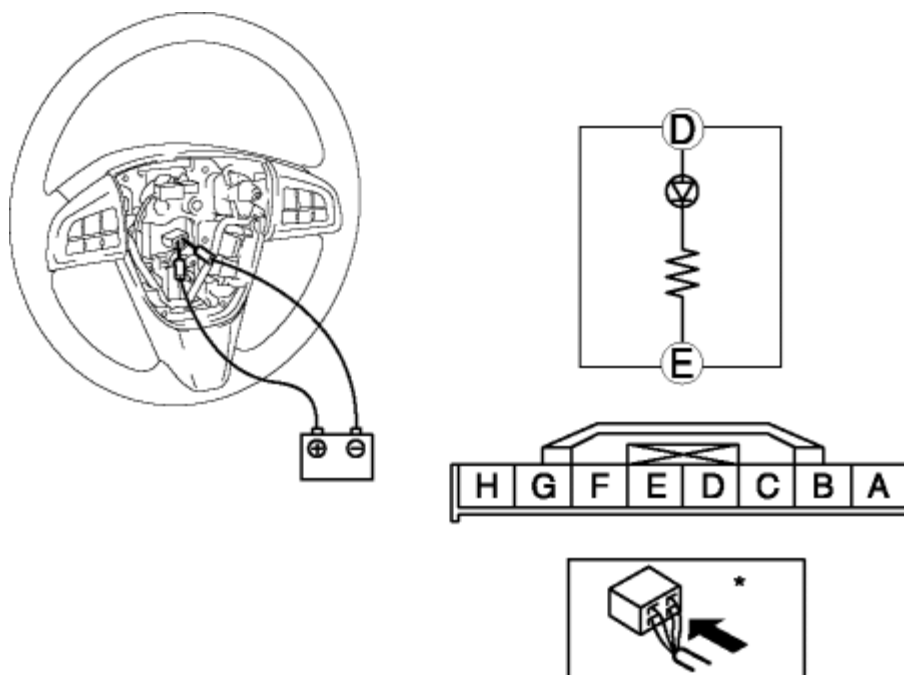
○—Ω—○ : Resistance

Switch Position	Terminal		Resistance (ohm)
	G	H	
Volume Switch (-) ON	○—Ω—○		53.064—54.136
Volume Switch (+) ON	○—Ω—○		145.223—148.167
Seek Switch (+) ON	○—Ω—○		297.693—303.707
Seek Switch (-) ON	○—Ω—○		556.083—567.317
MODE Switch ON	○—Ω—○		1,026.333—1,047.067
OFF	○—Ω—○		4,986.333—5,087.067

○—○ : Resistance

Switch Position	Terminal		Resistance (ohm)
	F	H	
Talk Switch ON	○—○	○—○	103.95—106.05
Pick-up Switch ON	○—○	○—○	271.26—276.74
Hang-up Switch ON	○—○	○—○	657.36—670.64
OFF	○—○	○—○	3,330.36—3,397.64

5. Apply battery positive voltage to steering switch terminal D, and connect terminal E to ground.



*:PART WIRING HARNESS SIDE

6. Verify that the LED illuminates.

- If the LED does not illuminate, replace the steering switch.

< Previous Next >

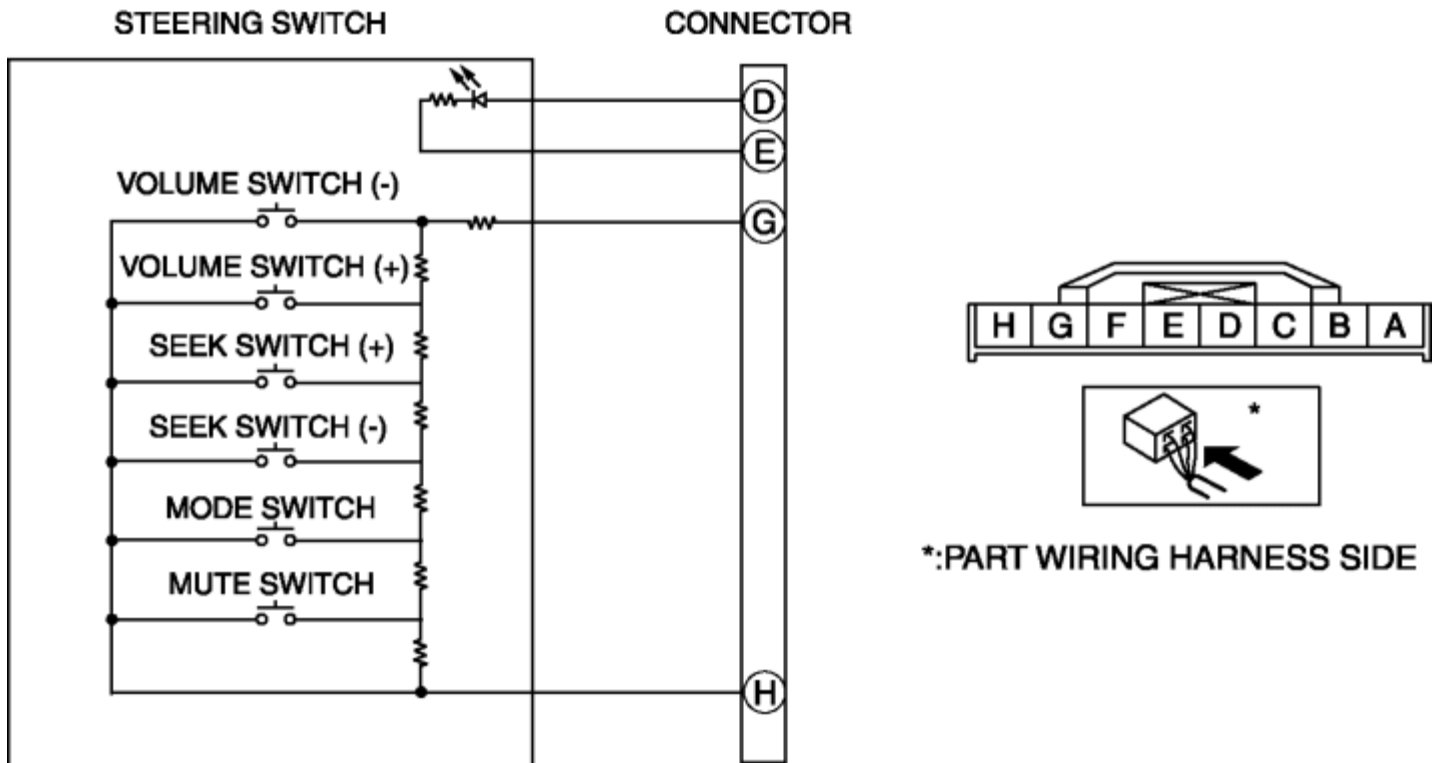
[Back to Top](#)

2012 - Mazda6 - Body and Accessories

STEERING SWITCH INSPECTION

Without Bluetooth System

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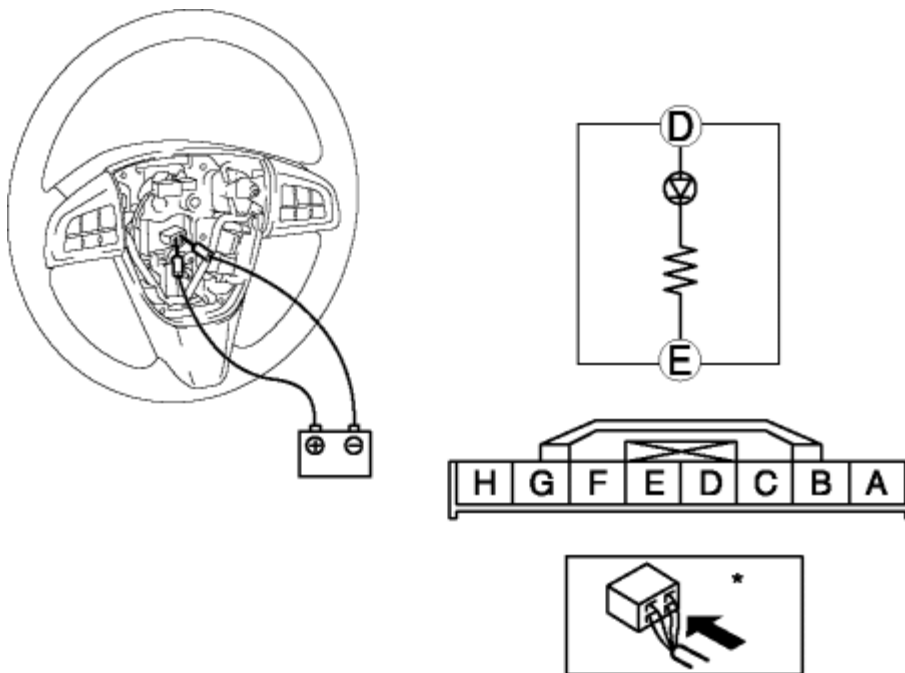


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○—○ : Resistance

Switch Position	Terminal		Resistance (ohm)
	G	H	
Volume Switch (-) ON	○—○	○—○	53.064—54.136
Volume Switch (+) ON	○—○	○—○	145.233—148.167
Seek Switch (+) ON	○—○	○—○	297.693—303.707
Seek Switch (-) ON	○—○	○—○	556.083—567.317
MODE Switch ON	○—○	○—○	1,026.333—1,047.067
Mute Switch ON	○—○	○—○	2,016.333—2,057.067
OFF	○—○	○—○	4,986.333—5,087.067

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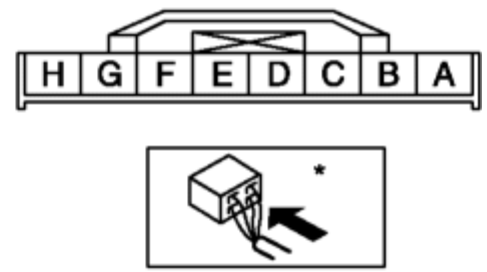
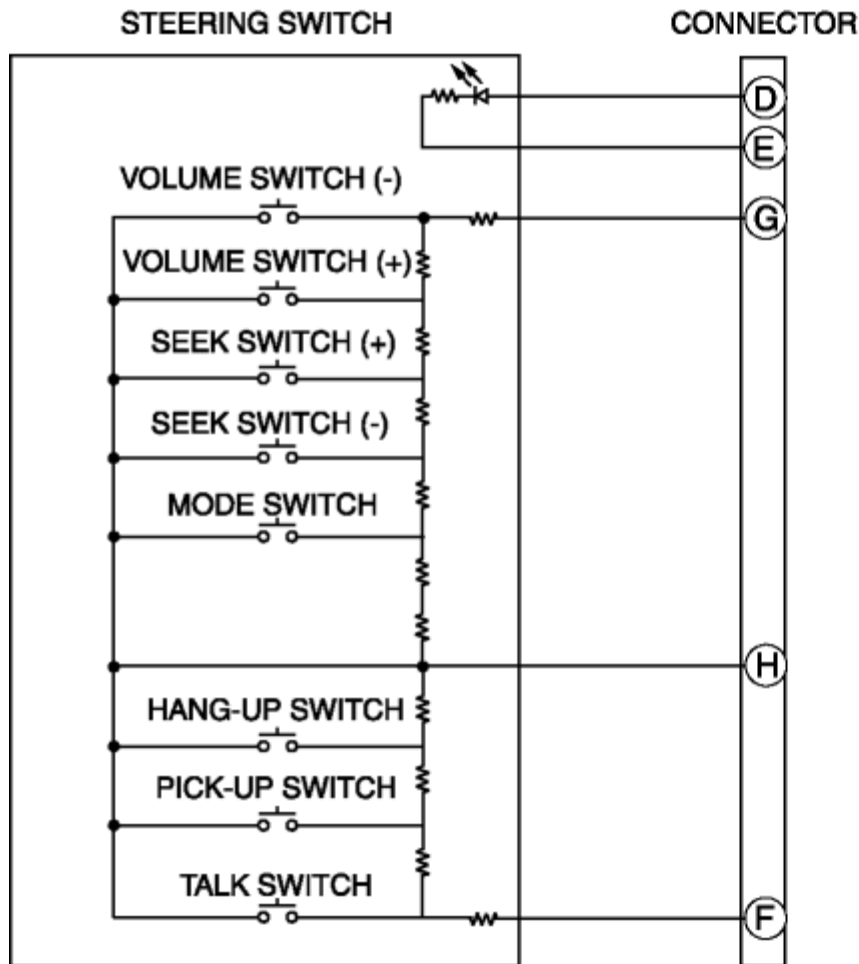
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*:PART WIRING HARNESS SIDE

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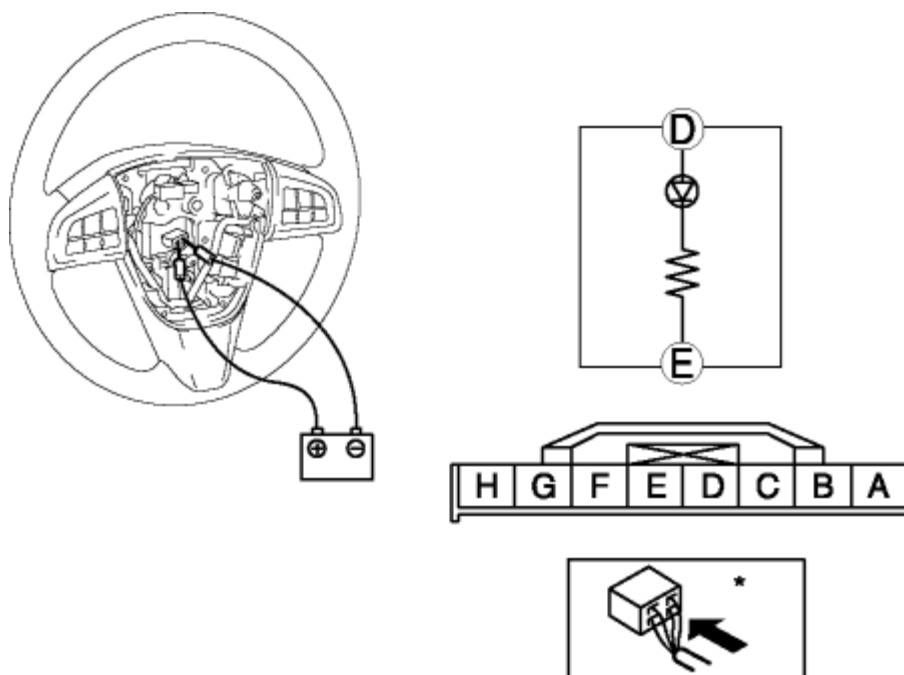
○—Ω—○ : Resistance

Switch Position	Terminal		Resistance (ohm)
	G	H	
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Pick-up Switch ON	○—○	○—○	271.26—276.74
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< Previous Next >

[Back to Top](#)