

## STEERING SWITCH INSPECTION

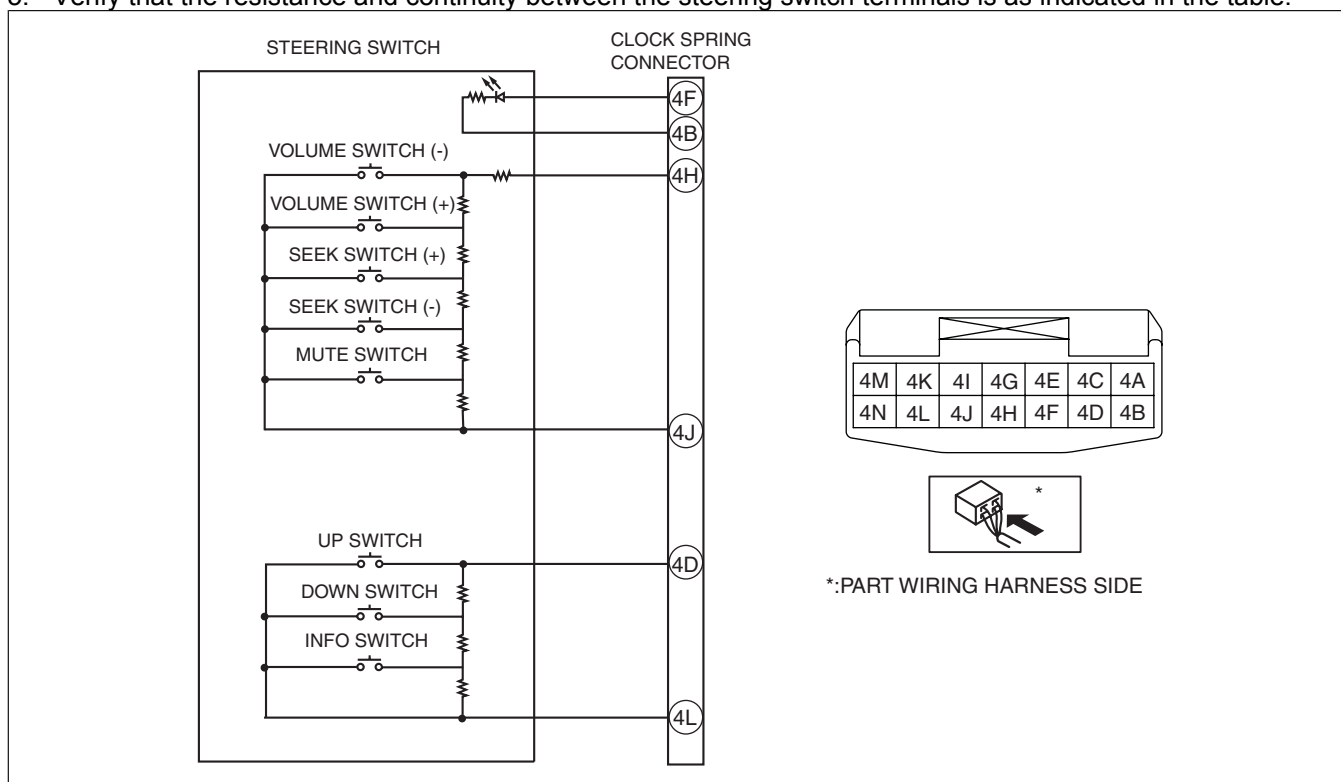
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### Without Bluetooth system

#### Warning

- Handling the driver-side air bag module improperly can accidentally operate (deploy) the air bag module, which may seriously injure you. Read the service warnings and cautions before handling the air bag module. (See AIR BAG SYSTEM SERVICE WARNINGS.) (See AIR BAG SYSTEM SERVICE CAUTIONS.)

- Switch the ignition OFF (LOCK).
- Disconnect the negative battery cable and wait for **1 min or more**. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
- Remove the driver-side air bag module. (See DRIVER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION.)
- Remove the steering wheel. (See STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION.)
- Verify that the resistance and continuity between the steering switch terminals is as indicated in the table.



- If not as indicated in the table, replace the steering switch. (See STEERING SWITCH REMOVAL/INSTALLATION.)

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Switch Position	Terminal		Resistance (ohm)
	H	J	
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
Mute Switch ON			2,011.383—2,052.017
OFF			4,981.383—5,082.017

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○—○ : Resistance

Switch Position	Terminal		Resistance (ohm)
	D	L	
DOWN Switch ON	○—○	○—○	386.1—393.9
INFO Switch ON	○—○	○—○	999.9—1,020.1
OFF	○—○	○—○	2,524.5—2,575.5

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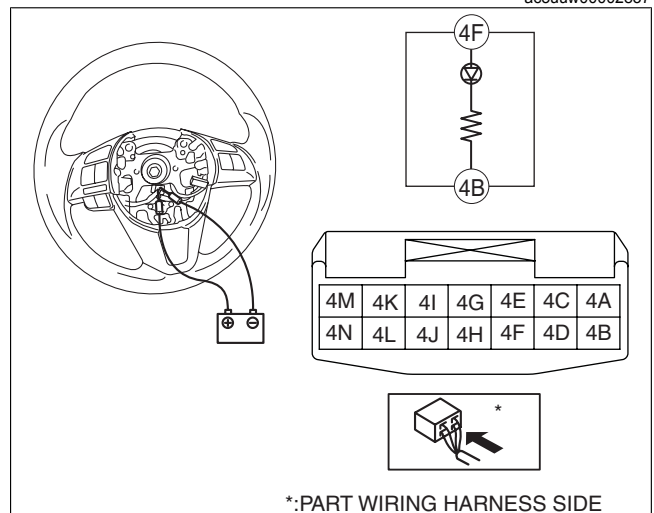
○—○ : Continuity    ○—○ : Resistance

Switch Position	Terminal	
	D	L
UP switch ON	○—○	○—○
OFF	○—○	○—○ R

R: 2,524.5—2,575.5 ohms

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6. Apply battery positive voltage to steering switch terminal F, and connect terminal B to ground.
7. Verify that the LED illuminates.
  - If the LED does not illuminate, replace the steering switch. (See STEERING SWITCH REMOVAL/INSTALLATION.)



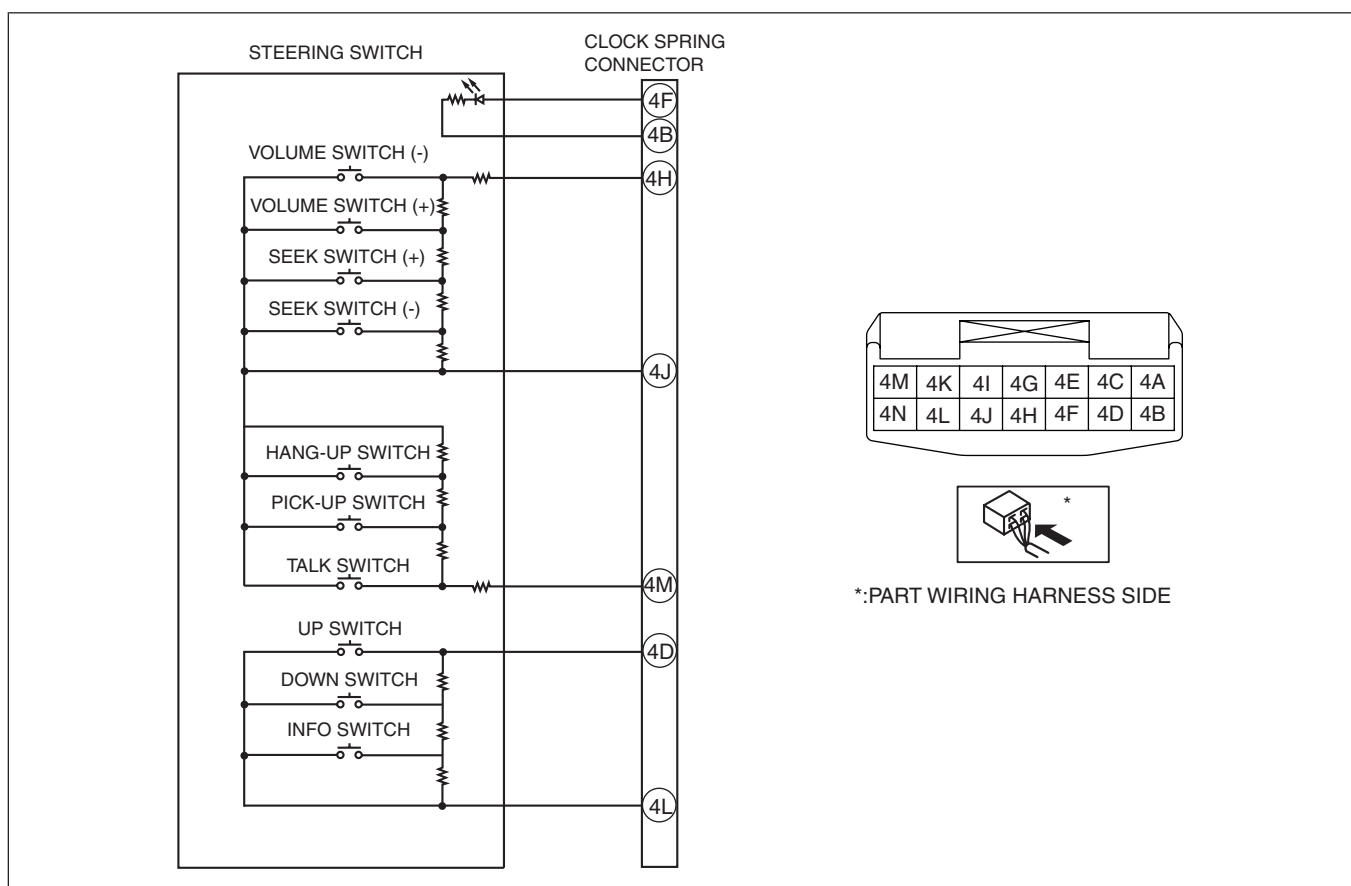
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## With Bluetooth system

### Warning

- Handling the driver-side air bag module improperly can accidentally operate (deploy) the air bag module, which may seriously injure you. Read the service warnings and cautions before handling the air bag module. (See AIR BAG SYSTEM SERVICE WARNINGS.) (See AIR BAG SYSTEM SERVICE CAUTIONS.)

1. Switch the ignition OFF (LOCK).
2. Disconnect the negative battery cable and wait for **1 min or more**. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
3. Remove the driver-side air bag module. (See DRIVER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION.)
4. Remove the steering wheel. (See STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION.)
5. Verify that the resistance and continuity between the steering switch terminals is as indicated in the table.



- If not as indicated in the table, replace the steering switch. (See STEERING SWITCH REMOVAL/INSTALLATION.)

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○—○ : Resistance


Switch Position	Terminal		Resistance (ohm)
	H	J	
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
OFF	○—○	○—○	4,813.083—4,910.317







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○—○ : Resistance



Switch Position	Terminal		Resistance (ohm)
	M	J	
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





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 : Resistance

Switch Position	Terminal		Resistance (ohm)
	D	L	
DOWN Switch ON			386.1—393.9
INFO Switch ON			999.9—1,020.1
OFF			2,524.5—2,575.5

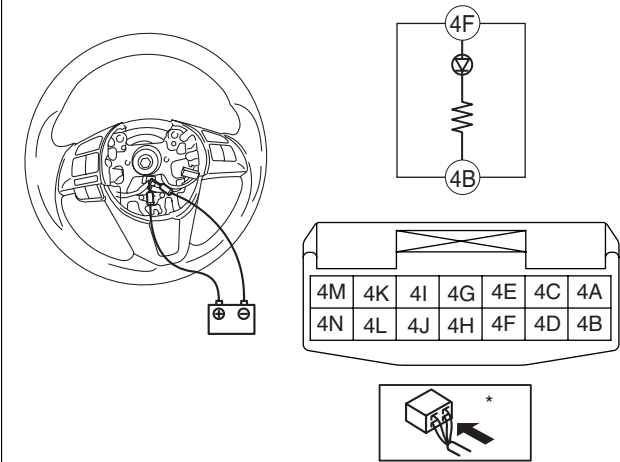
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 : Continuity     : Resistance

Switch Position	Terminal	
	D	L
UP switch ON		
OFF		

R: 2,524.5—2,575.5 ohms

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\*:PART WIRING HARNESS SIDE

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6. Apply battery positive voltage to steering switch terminal F, and connect terminal B to ground.
7. Verify that the LED illuminates.
  - If the LED does not illuminate, replace the steering switch. (See STEERING SWITCH REMOVAL/INSTALLATION.)