

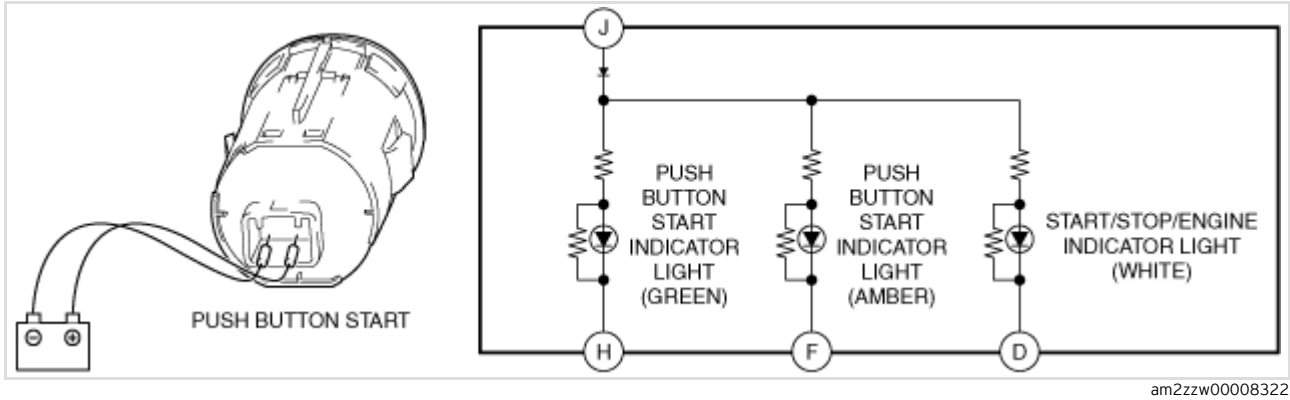
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2018 MAZDA 6 / Atenza Sedan OEM Service and Repair Workshop Manual

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4. Apply battery positive voltage and connect the ground to the push button start terminals and verify that the LED illuminates as indicated in the table.



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PUSH BUTTON START INDICATOR LIGHT

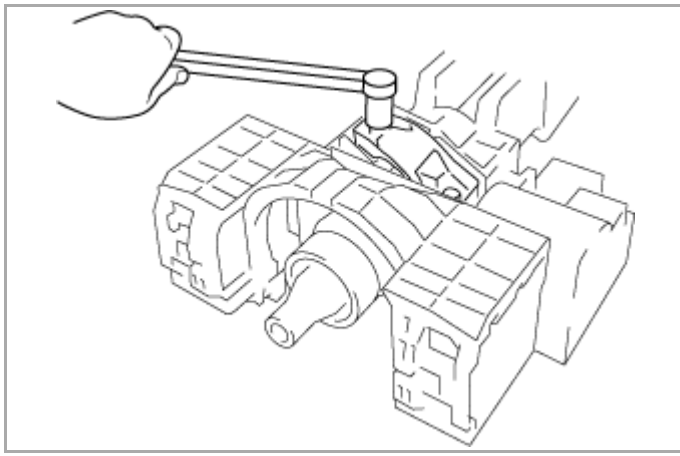
START STOP ENGINE

START/STOP/ENGINE INDICATOR LIGHT

B+ terminal	Ground terminal	Illumination positions (Color)
J	D	START/STOP/ENGINE indicator light (White)
	F	Push button start indicator light (Amber)
	H	Push button start indicator light (Green)

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• If the LED does not illuminate as indicated in the table, replace the push button start. (See [PUSH BUTTON START REMOVAL/INSTALLATION.](#))



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Sample

Terminal	Signal name	Connected to	Measurement conditions	Voltage (V)	Inspection item(s)
2M	HS-CAN+	-	Because this terminal is for communication, integrity determination using terminal voltage inspection is not possible.		
2O	HS-CAN-	-	Because this terminal is for communication, integrity determination using terminal voltage inspection is not possible.		
2Q	Keyless receiver power supply	Keyless receiver	Under any condition	Approx. 5	Keyless receiver
2R	Keyless receiver communication	Keyless receiver	Because this terminal is for communication, integrity determination using terminal voltage inspection is not possible.		
2S	IG1 relay control	IG1 relay	Ignition switched ON (engine off)	B+	IG1 relay
			Ignition switched OFF (LOCK) or at ACC	1.0 or less	
2V	Starter relay	Starter relay	When cranking	B+	• Starter relay • PCM • Start stop unit
			Except above *6	1.0 or less, or B+ *6	
2W	Power supply	AT 15 A fuse	Under any condition	B+	• AT 15 A fuse • Battery
2X	Power supply	ESCL 15 A fuse	Under any condition	B+	• ESCL 15 A fuse • Battery

*1:With advanced keyless system

*2:Without advanced keyless system

*3:With adaptive front lighting system (AFS), smart city brake support (SCBS), or blind spot monitoring (BSM) system

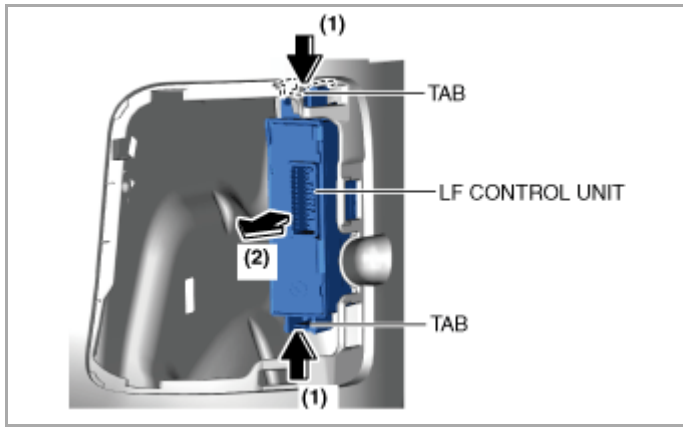
*4:With mazda radar cruise control (MRCC) system

*5:Without mazda radar cruise control (MRCC) system

*6:Because the voltage varies depending on the vehicle conditions, examination using the terminal voltage inspection is not possible.

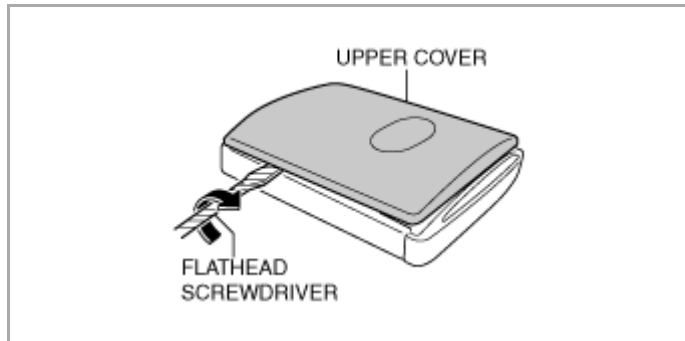
*7:With power liftgate (PLG)

*8:Without power liftgate (PLG)



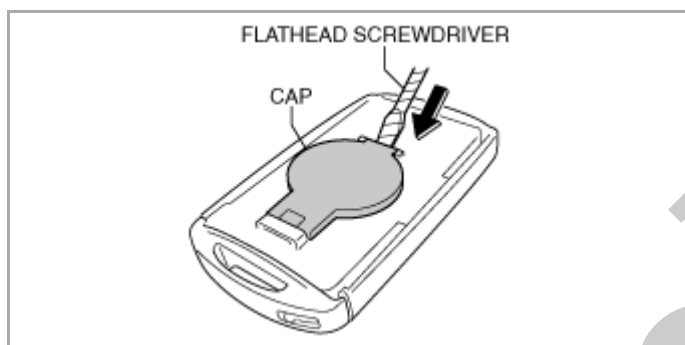
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5.Install in the reverse order of removal.



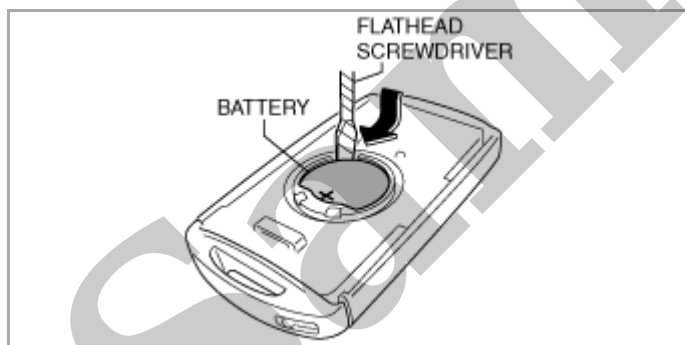
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5.Remove the cap using the tape-wrapped flathead screwdriver.



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6.Remove the battery using tape-wrapped flathead screwdriver.



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Assembly

1.Insert a new battery (CR2032) into the remote transmitter so that the positive pole is facing up.

2.Install the cap.

START STOP UNIT CONFIGURATION (USING AS-BUILT DATA)

SM2899371

id09140011260

Note

- If the configuration is performed using As-Built data, the set value of the personalization function is reset to the initial value (condition when shipped from factory). Verify the set value with the customer and perform the personalization function setting after performing the configuration using As-Built data.
- If the ignition cannot be switched ON (engine off), switch it ON (engine off) using the forced ignition ON function of the M-MDS. (See **FORCED IGNITION ON**.)

1. Connect the M-MDS to DLC-2.

2. After the vehicle is identified, select the following items from the initial screen of the M-MDS.

1. Select the "Module Programming".

3. Then, select items from the screen menu in the following order.

1. Select "As-Built".
2. Select menu in the "SSU".

4. Perform the configuration according to the directions on the screen.

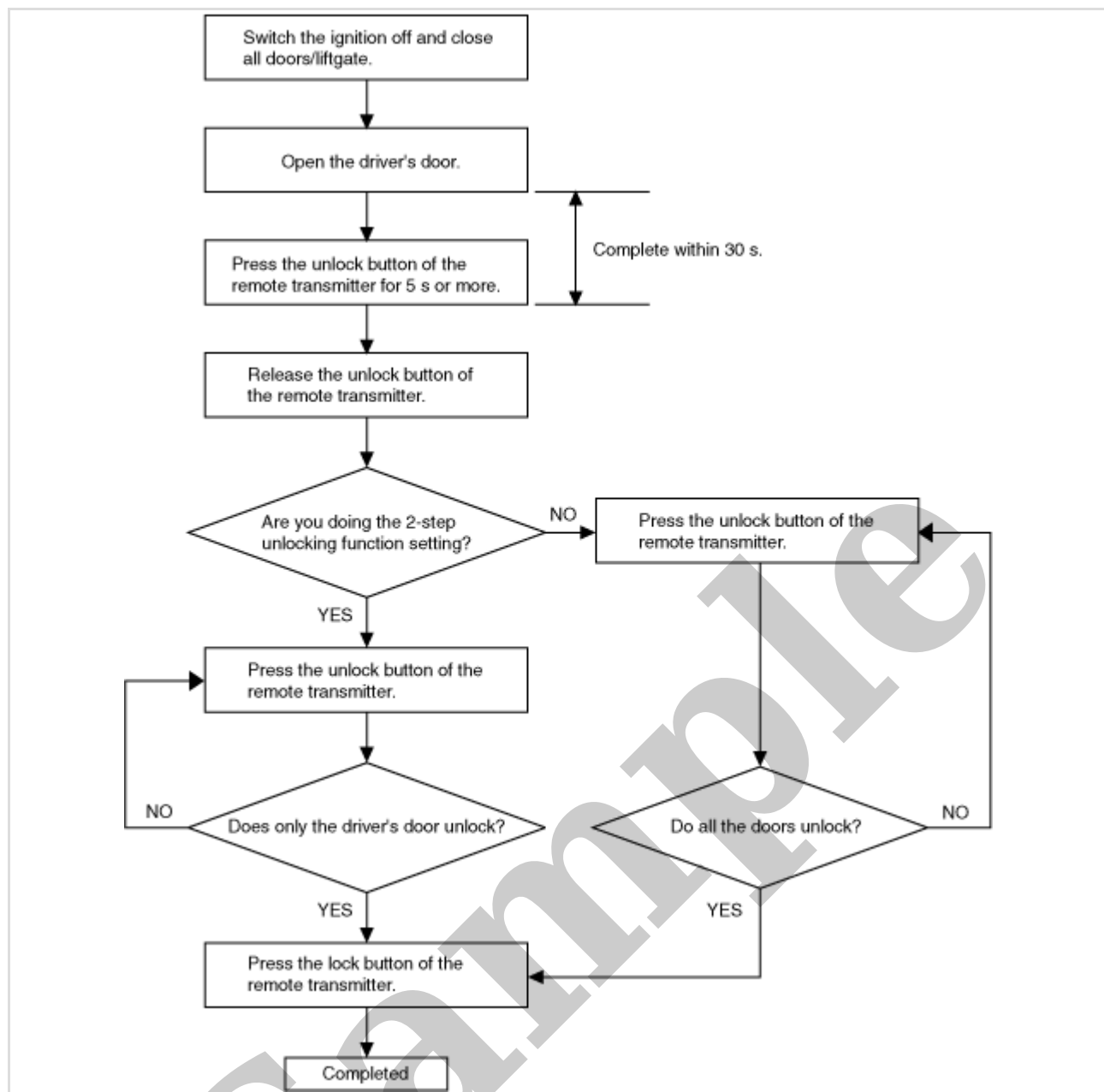
Caution

- When the configuration is performed, CAN communication between the start stop unit and control module connected to the CAN line is cut temporarily, and communication error DTCs may be detected. After performing the configuration, verify the DTCs for the control module connected to the CAN line and clear it if any DTC is detected.

5. Verify the DTCs for all of the control modules connected to the CAN line.

- If any DTC is stored, clear it.
- If the DTC is cleared, finish the procedure because the configuration has been completed normally.
- If the DTC remains, perform troubleshooting according to the DTC.

— A request switch is pressed.



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Using center display

- (See **CENTER DISPLAY PERSONALIZATION FEATURES SETTING PROCEDURE.**)

Type-B

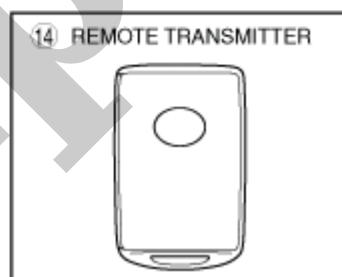
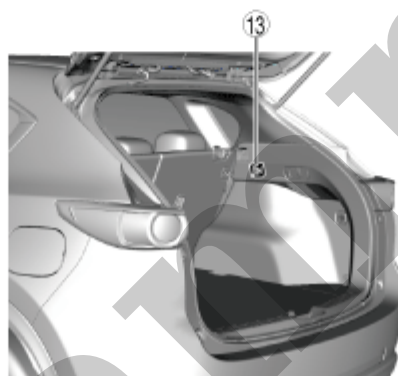
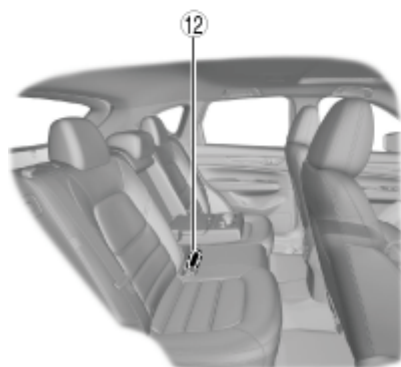
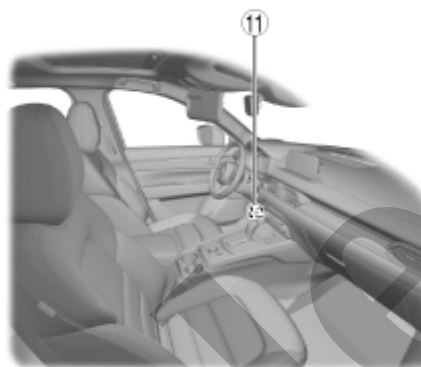
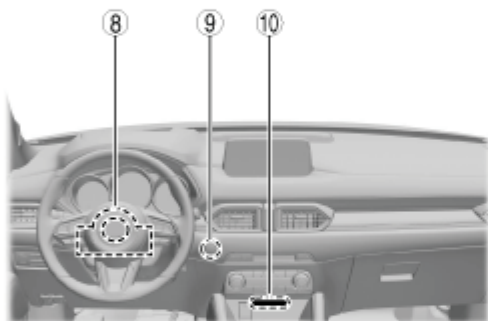
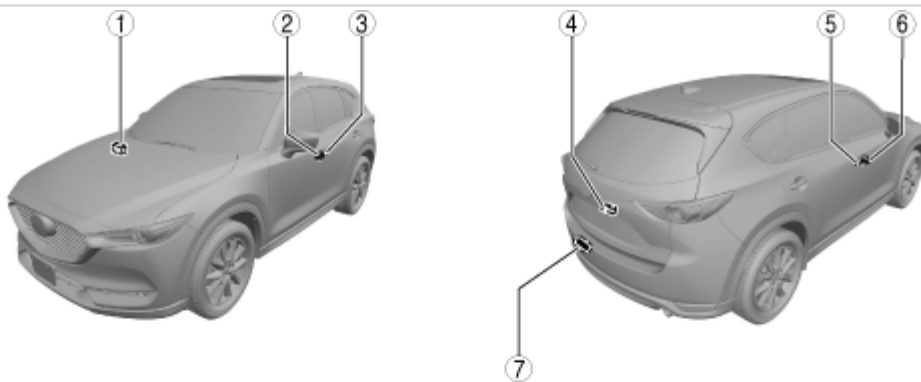
Note

- For personalization features setting using the center display, refer to Mazda Connect's [PERSONALIZATION FEATURES].

Power Saving Function (With Remote Transmitter Type B)

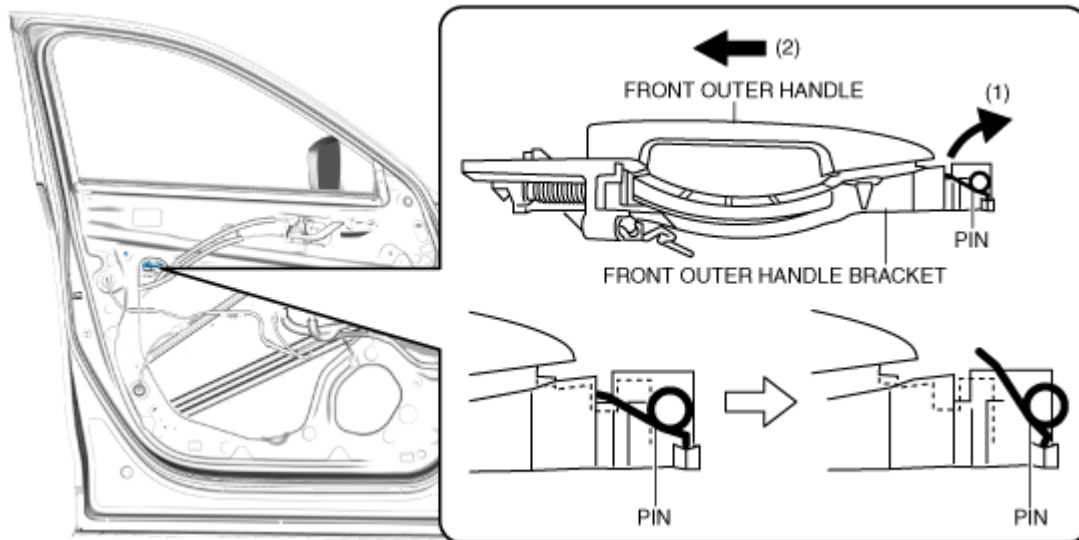
- After you have turned on the power saving function according to the following procedure, the hazard warning lights and sound operate ^{*1} one time.

- Press the lock button on the transmitter 4 times within 3 seconds to turn on the operation indicator light.
- Press the lock button continuously for 1.5 seconds or longer while the operation indicator light turns on (for 5 seconds).
- Press any of the buttons on the transmitter to make sure that the operation indicator light does not turn on/flash.



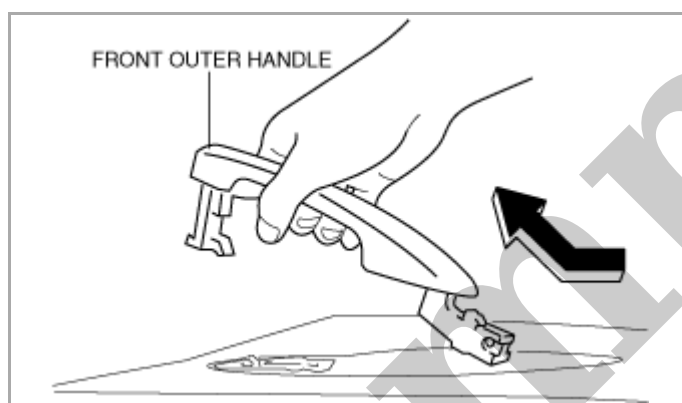
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1	Keyless beeper (See KEYLESS BEEPER REMOVAL/INSTALLATION.) (See KEYLESS BEEPER INSPECTION.)
2	Keyless antenna (exterior, LF)) (See KEYLESS ANTENNA REMOVAL/INSTALLATION.)
3	Request switch (LF) (See REQUEST SWITCH REMOVAL/INSTALLATION.) (See REQUEST SWITCH INSPECTION.)
4	Request switch (liftgate) (See REQUEST SWITCH REMOVAL/INSTALLATION.) (See REQUEST SWITCH INSPECTION.)
5	Request switch (RF) (See REQUEST SWITCH REMOVAL/INSTALLATION.) (See REQUEST SWITCH INSPECTION.)
6	Keyless antenna (exterior, RF)) (See KEYLESS ANTENNA REMOVAL/INSTALLATION.)
7	Keyless antenna (exterior, rear) (See KEYLESS ANTENNA REMOVAL/INSTALLATION.)
8	Start stop unit (See START STOP UNIT REMOVAL/INSTALLATION.) (See START STOP UNIT INSPECTION.) (See START STOP UNIT CONFIGURATION (USING READ/WRITE FUNCTION).) (See START STOP UNIT CONFIGURATION (USING AS-BUILT DATA).) (See SECURITY AND LOCKS PERSONALIZATION FEATURES SETTING PROCEDURE.)



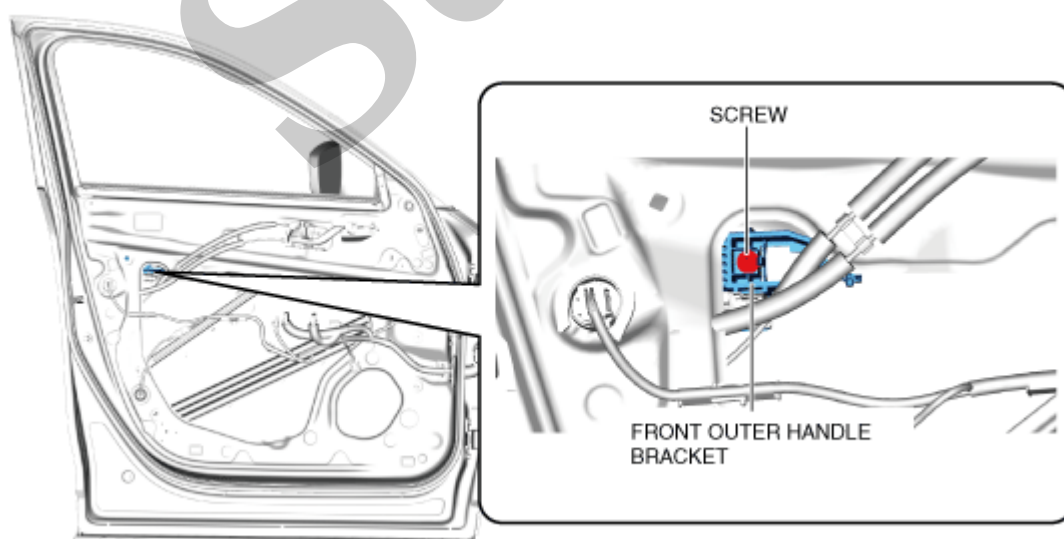
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6.Remove the front outer handle in the direction of the arrow shown in the figure.



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7.Loosen the screw securing the front outer handle bracket.



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Note

- The screw cannot be removed because the front outer handle bracket has a stopper which prevents the screw from falling.