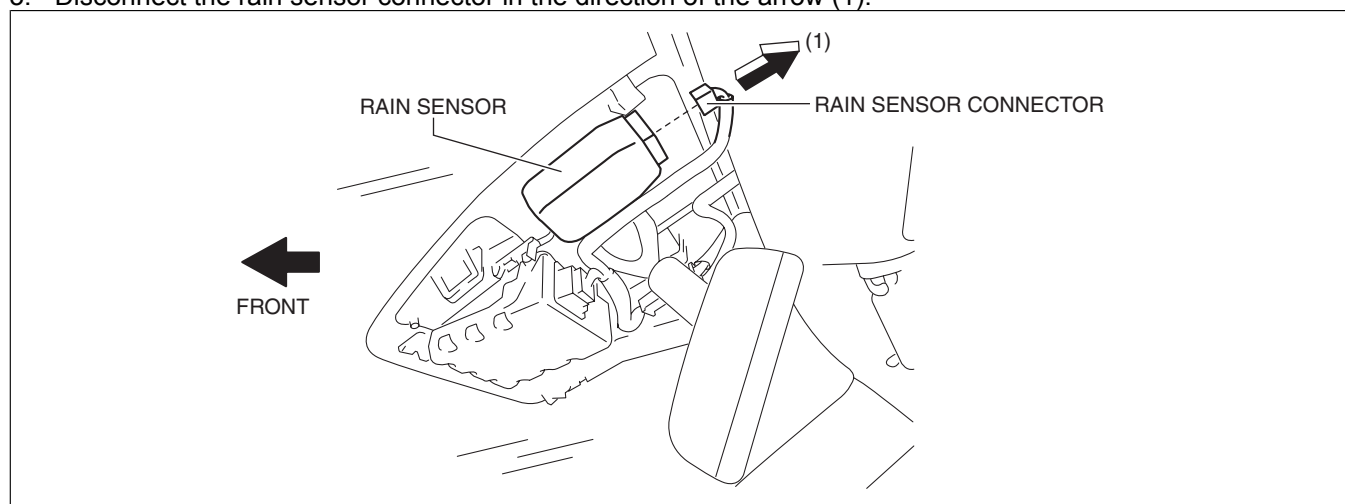


RAIN SENSOR REMOVAL/INSTALLATION

id091900800500

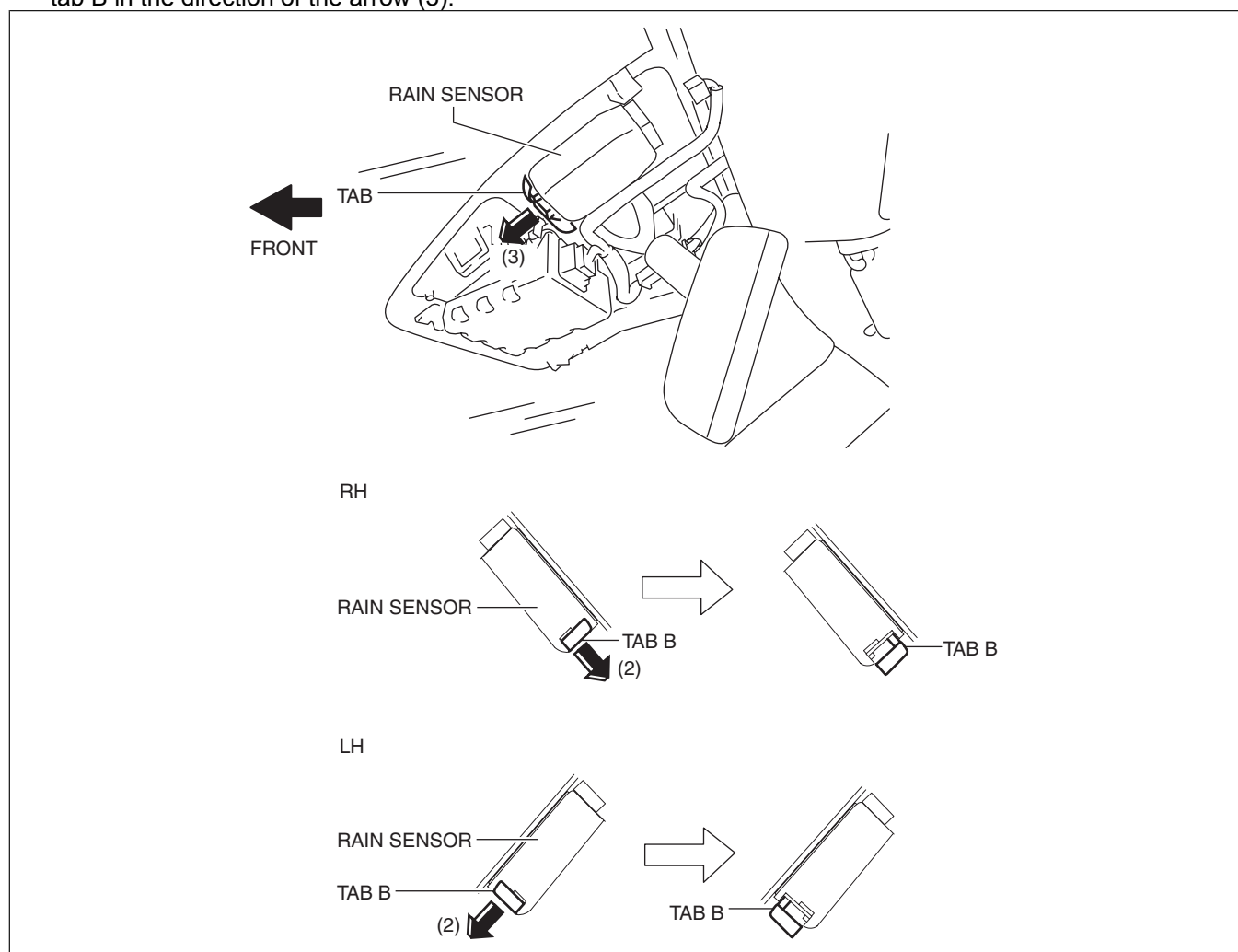
With Forward Sensing Camera (FSC) Or Smart City Brake Support (SCBS)

1. Disconnect the negative battery cable. (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].)
2. Remove the cover. (See FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION.)
3. Disconnect the rain sensor connector in the direction of the arrow (1).



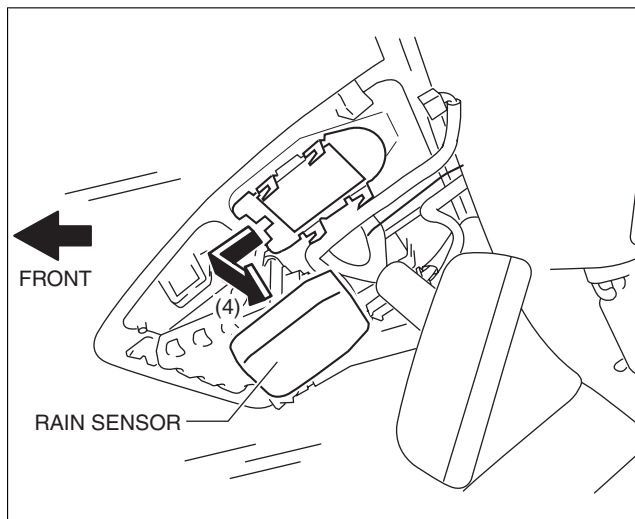
ac5wzw00001592

4. Slide rain sensor tabs B in the direction of the arrow (2) shown in the figure, detach the engagement, and pull tab B in the direction of the arrow (3).



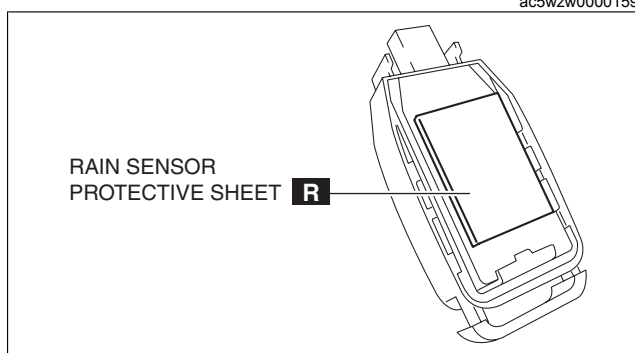
ac5wzw00001593

5. Remove the rain sensor in the direction of the arrow (4) shown in the figure.



ac5wzw00001594

6. Peel off the rain sensor protective sheet from the rain sensor.
7. Install in the reverse order of removal. (See Rain Sensor Installation Note.)
8. If the rain sensor is replaced, perform the following sensitivity setting procedure for the auto lights.
 - (1) Using the M-MDS or audio unit (with color LCD), verify the current auto light sensitivity setting.
 - (2) Change the sensitivity setting to a value other than the sensitivity setting verified in Step (1). (See LIGHTING SYSTEM PERSONALIZATION FEATURES SETTING PROCEDURE.)
 - (3) Re-set to the sensitivity setting verified in Step (1).



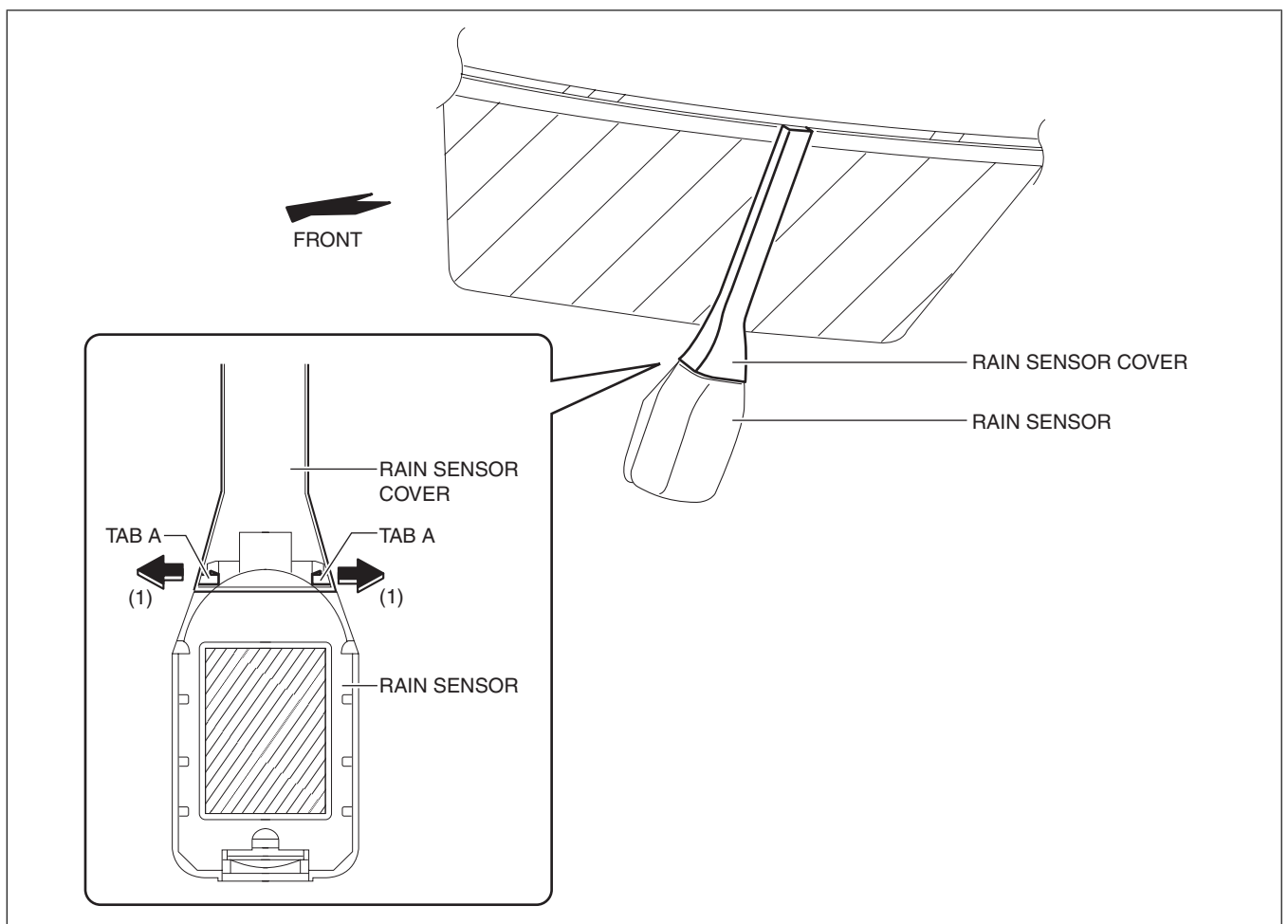
ac5wzw00001690

Caution

- If the auto light sensitivity setting is not correctly implemented, the rain sensor will be unable to detect the correct illumination level and the auto light system will not operate normally. If the rain sensor is replaced, perform the sensitivity setting according to Step 8.

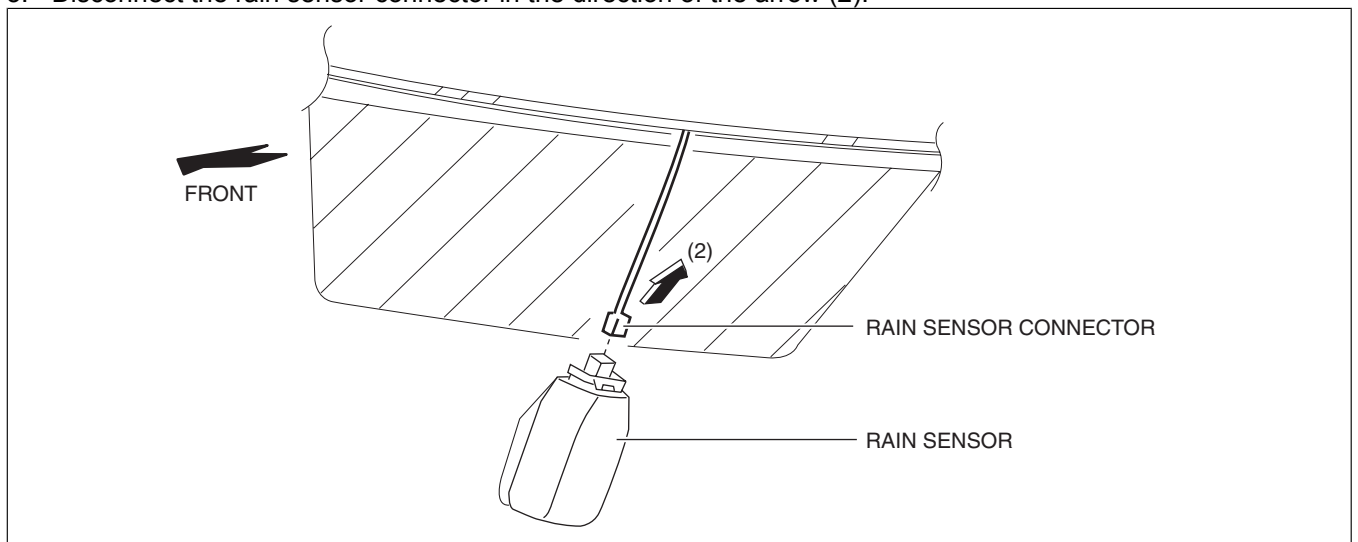
Without FSC Or SCBS

1. Disconnect the negative battery cable. (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].)
2. Spread open the rain sensor cover in the direction of the arrows (1) and disengage tabs A to remove it.



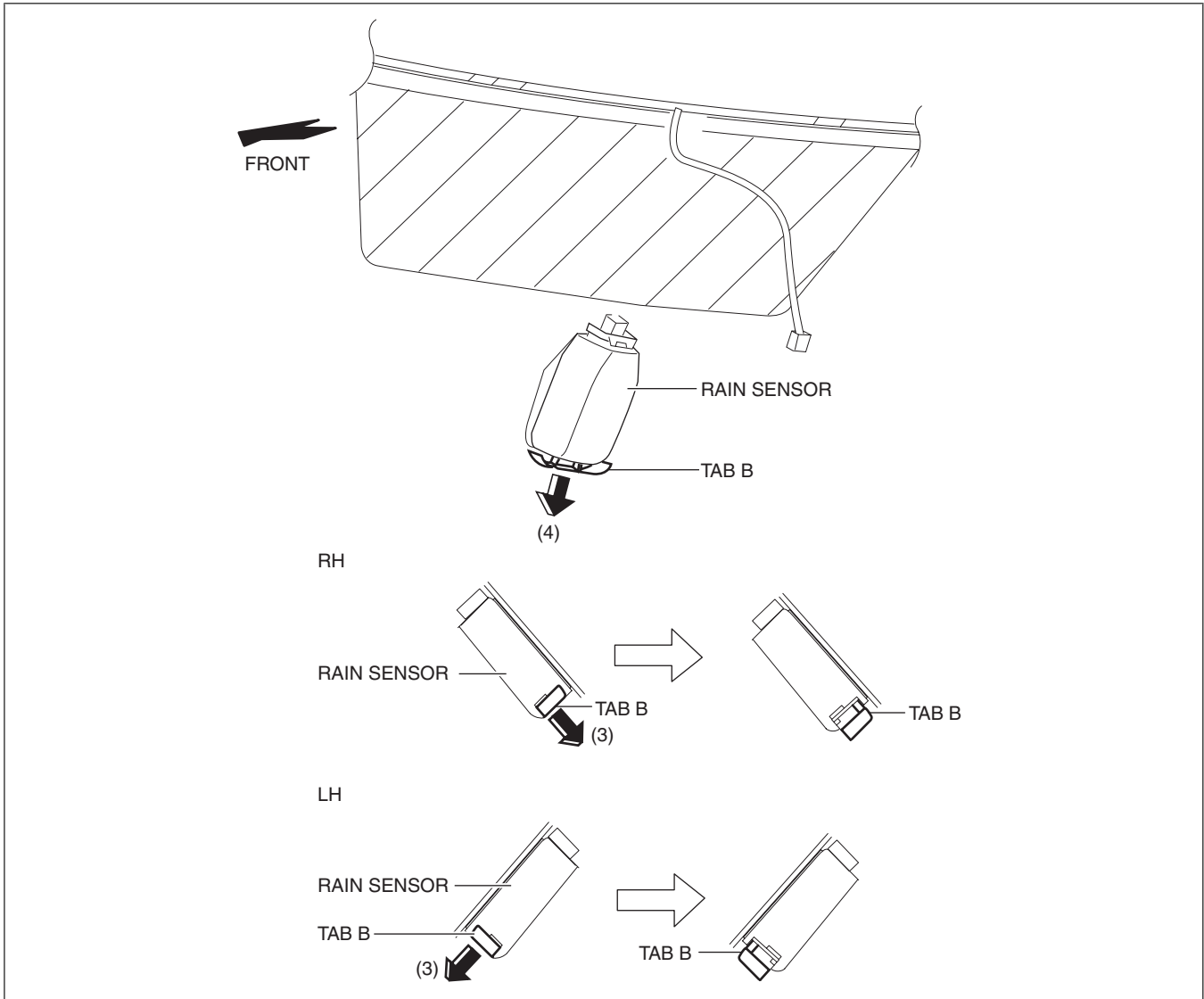
ac5wzw00001596

3. Disconnect the rain sensor connector in the direction of the arrow (2).



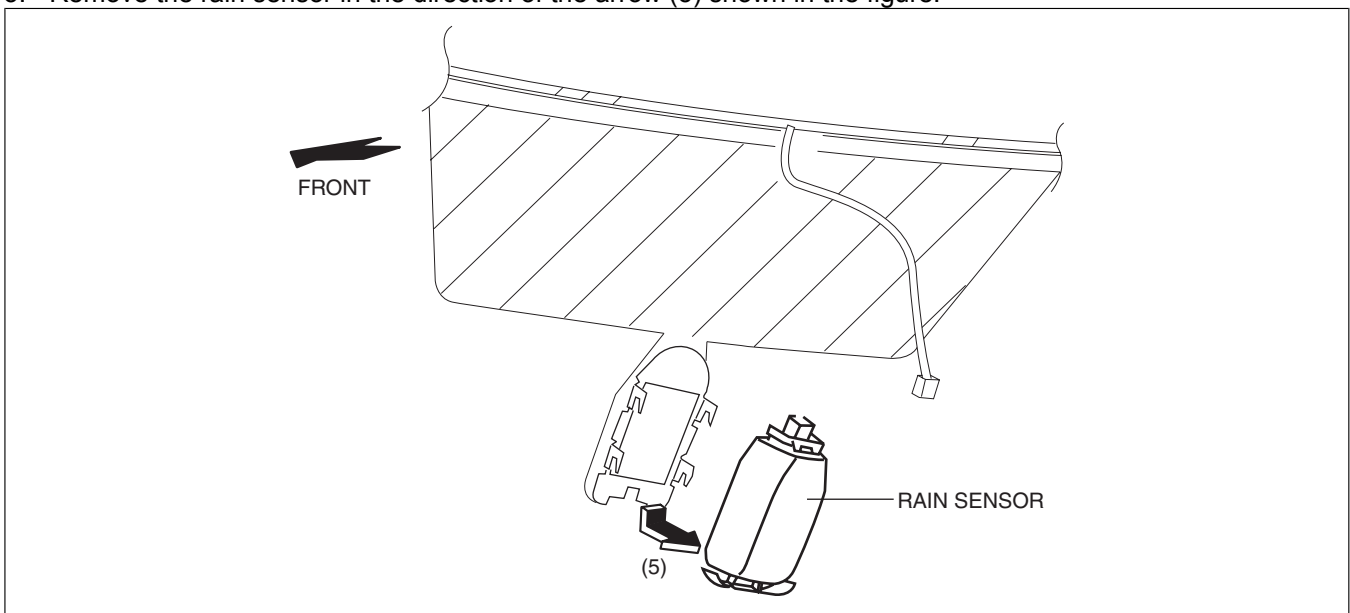
ac5wzw00001597

4. Slide rain sensor tabs B in the direction of the arrow (3) shown in the figure, detach the engagement, and pull tab B in the direction of the arrow (4).



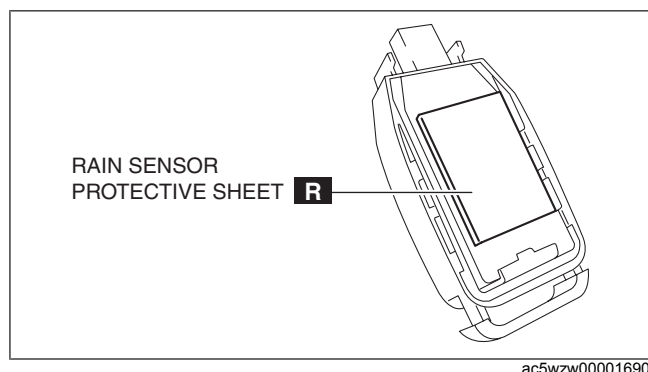
ac5wzw00002190

5. Remove the rain sensor in the direction of the arrow (5) shown in the figure.



ac5wzw00001599

6. Peel off the rain sensor protective sheet from the rain sensor.
7. Install in the reverse order of removal. (See Rain Sensor Installation Note.)
8. If the rain sensor is replaced, perform the following sensitivity setting procedure for the auto lights.
 - (1) Using the M-MDS or audio unit (with color LCD), verify the current auto light sensitivity setting.
 - (2) Change the sensitivity setting to a value other than the sensitivity setting verified in Step (1). (See LIGHTING SYSTEM PERSONALIZATION FEATURES SETTING PROCEDURE.)
 - (3) Re-set to the sensitivity setting verified in Step (1).



Caution

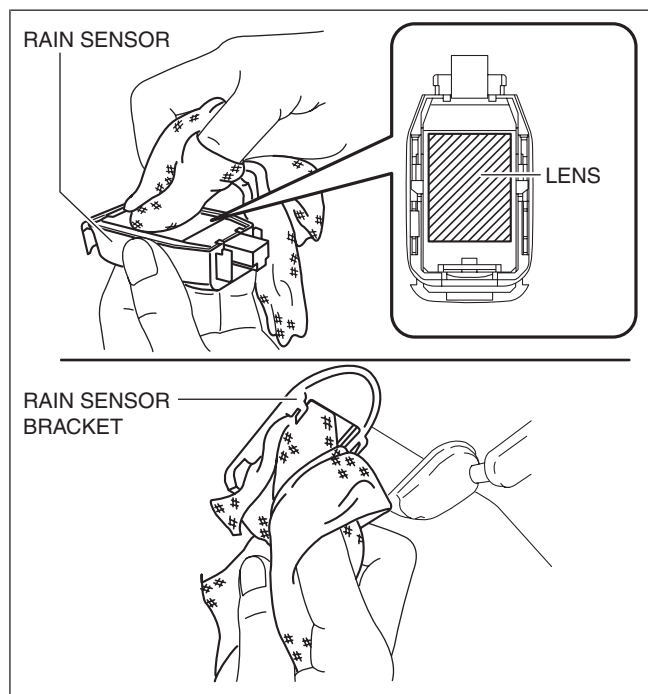
- If the auto light sensitivity setting is not correctly implemented, the rain sensor will be unable to detect the correct illumination level and the auto light system will not operate normally. If the rain sensor is replaced, perform the sensitivity setting according to Step 8.

Rain Sensor Installation Note

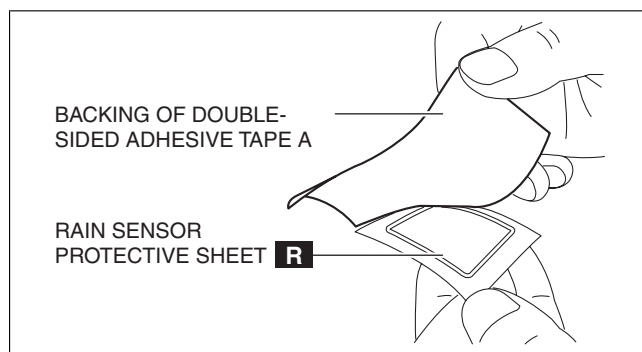
Caution

- If the rate at which the rain sensor reflects or transmits infrared light between the rain sensor and the windshield, or through the protective sheet is changed, the rain sensor will determine that there is a malfunction in the rain detection function and stop auto wiper system control. Be careful of the following when installing the rain sensor:
 - Do not reuse the rain sensor protective sheet
 - Do not touch the rain sensor lens, rain sensor protective sheet, and sensor installation area on windshield with your fingers
 - Verify that there is no air bubble after installing the rain sensor

1. Wipe off any oil or dirt from the rain sensor lens and the windshield using a clean rag.

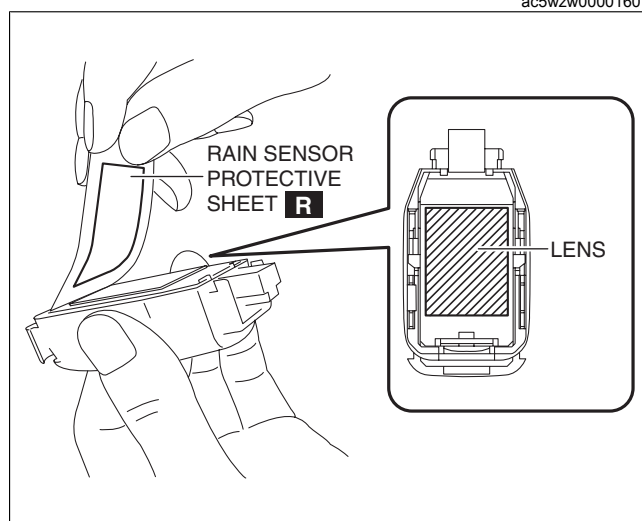


2. Peel off backing of double-sided adhesive tape A from the rain sensor protective sheet.



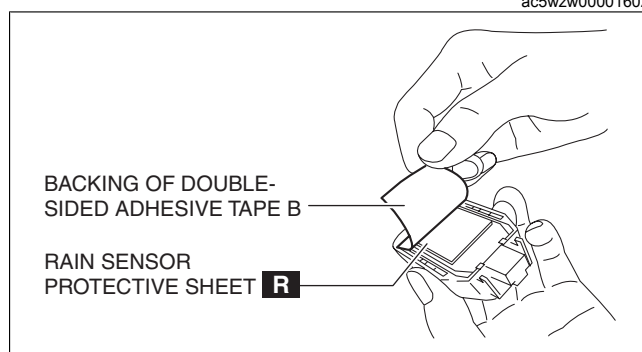
ac5wzw00001601

3. Adhere the rain sensor protective sheet to the rain sensor lens.



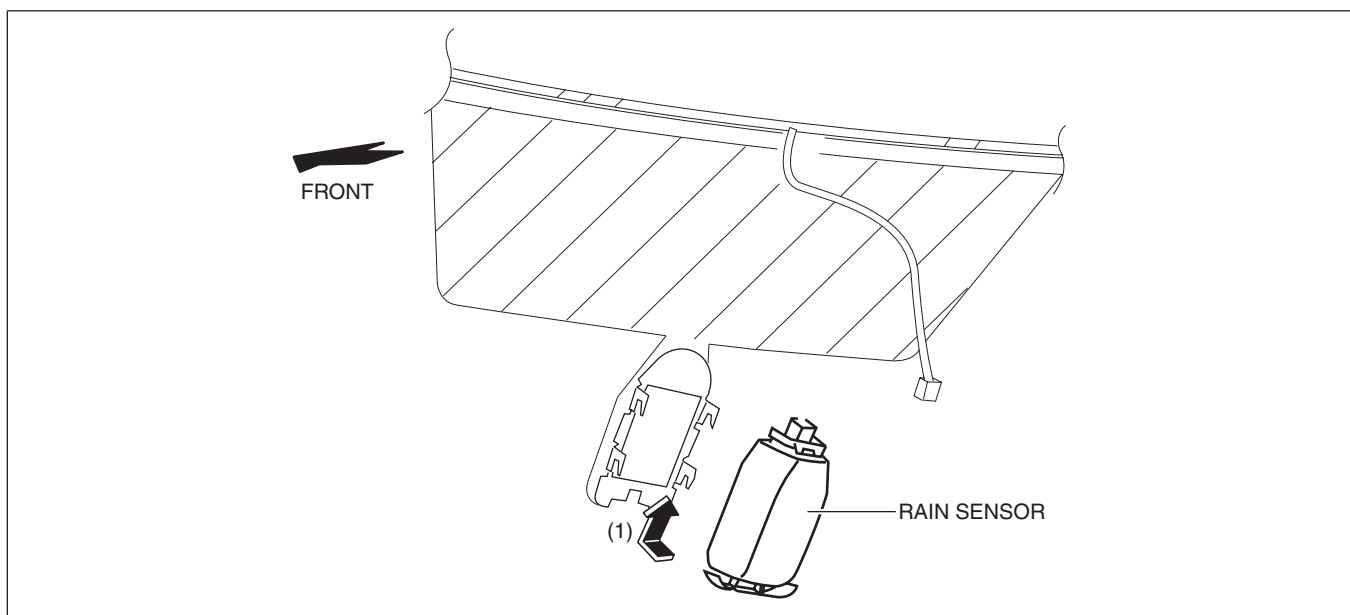
ac5wzw00001602

4. Peel off backing of double-sided adhesive tape B from the rain sensor protective sheet.



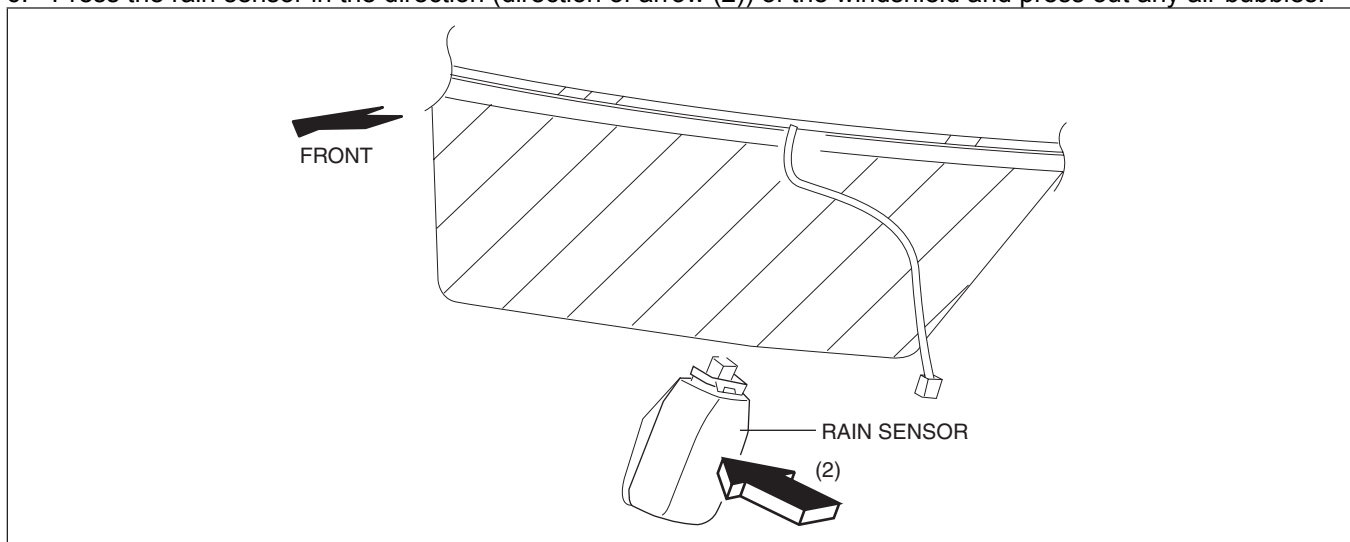
ac5wzw00001603

5. Install the rain sensor in the direction of the arrow (1).



ac5wzw00001604

6. Press the rain sensor in the direction (direction of arrow (2)) of the windshield and press out any air bubbles.



ac5wzw00001605

7. Verify that there is no air bubble between the rain sensor and the windshield.