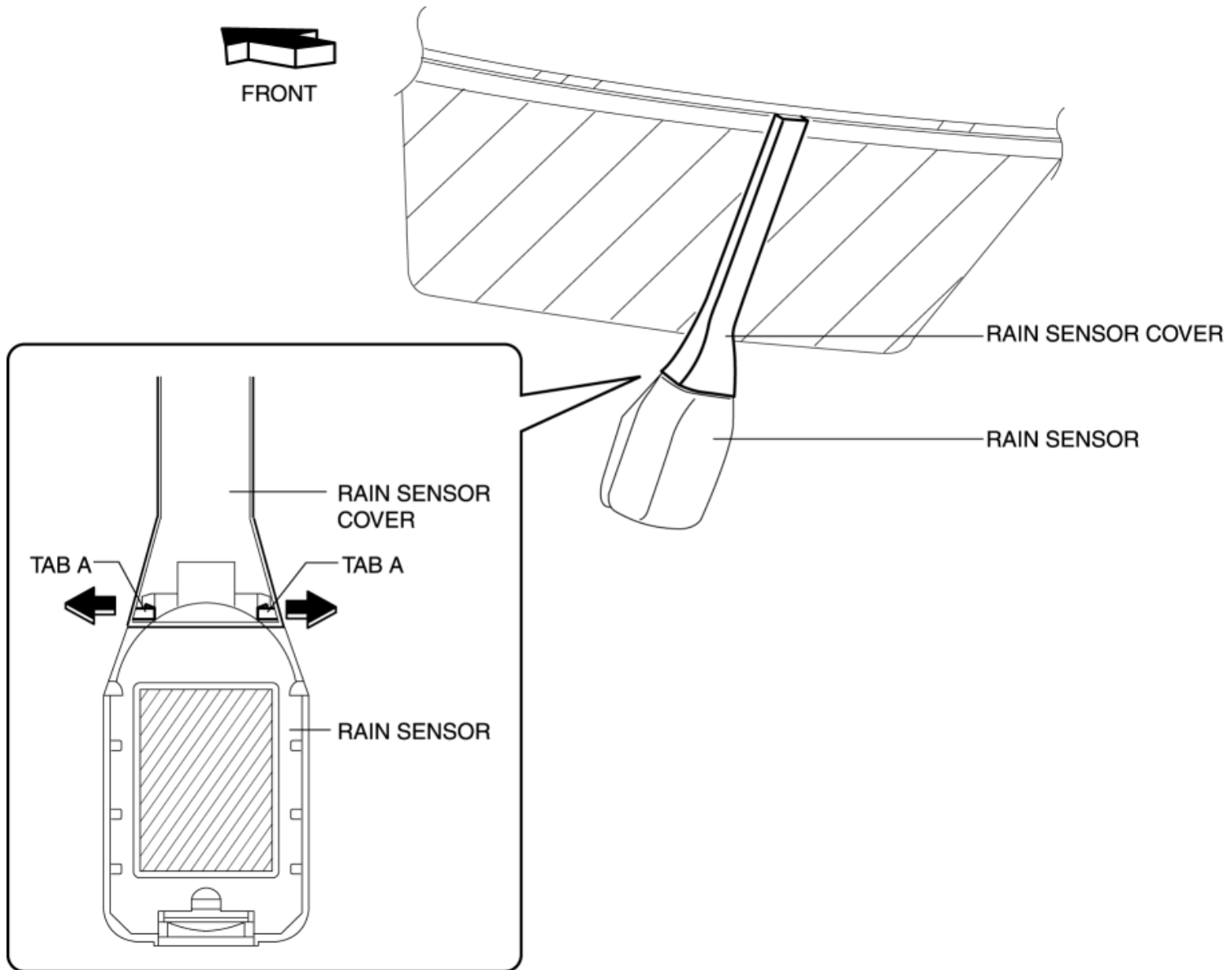


2012 - Mazda6 - Body and Accessories

RAIN SENSOR REMOVAL/ INSTALLATION

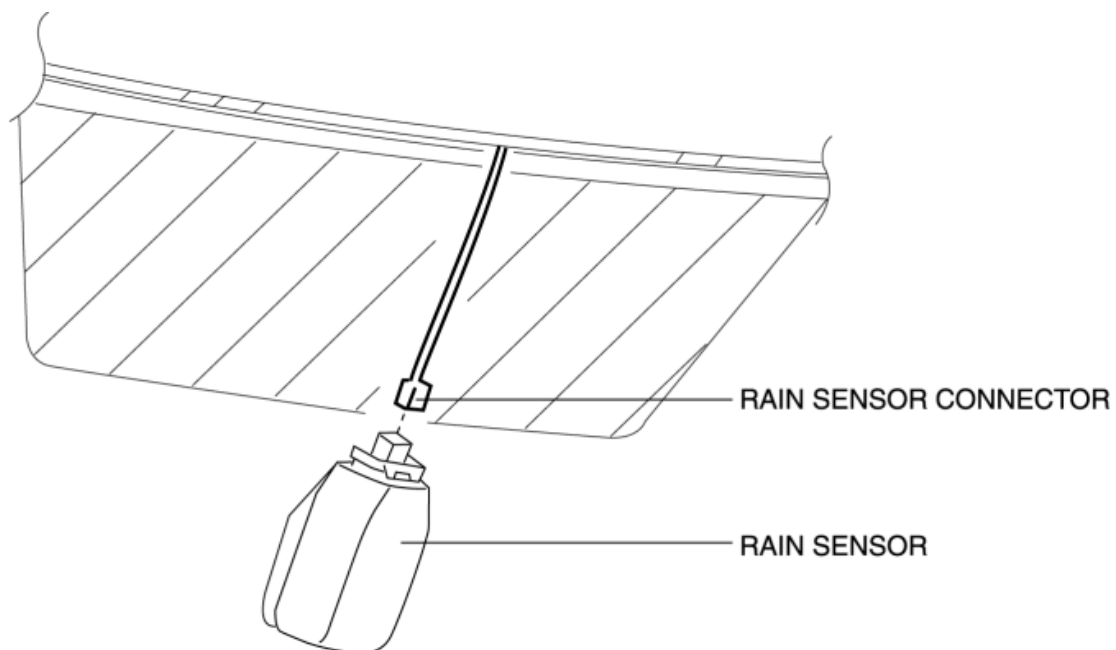
1. Disconnect the negative battery cable.
2. Open the rain sensor cover in the direction of the arrow and remove it while releasing rain sensor cover tab A.



3. Disconnect the rain sensor connector.



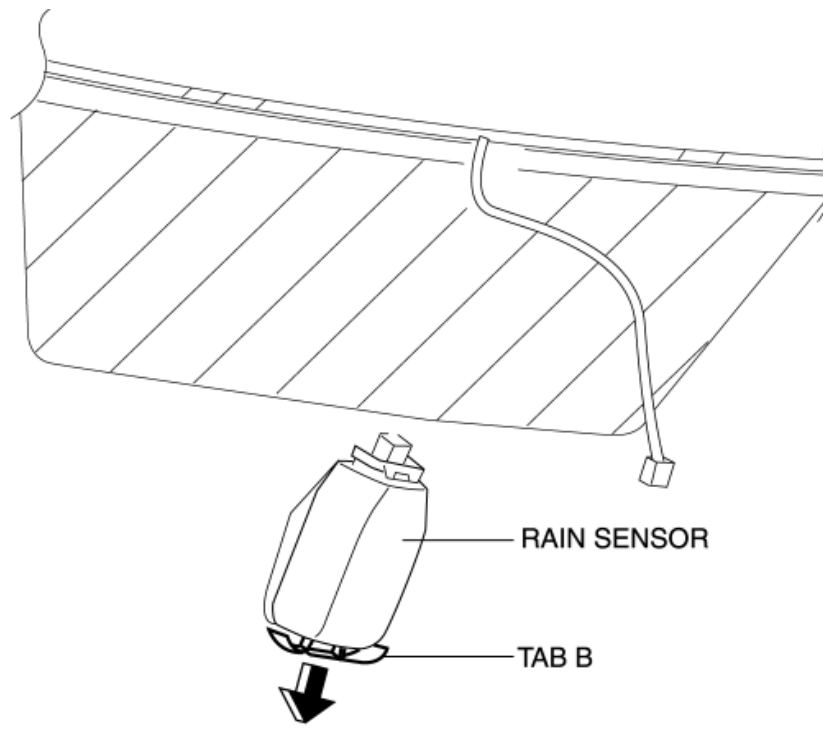
FRONT



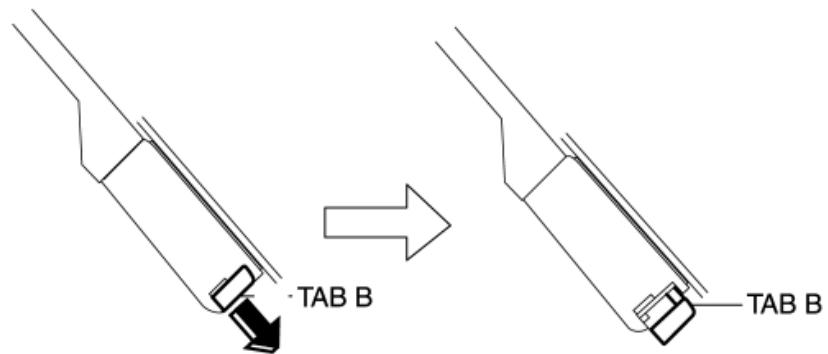
4. Slide rain sensor tab B in the direction of the arrow shown in the figure and detach tab B.



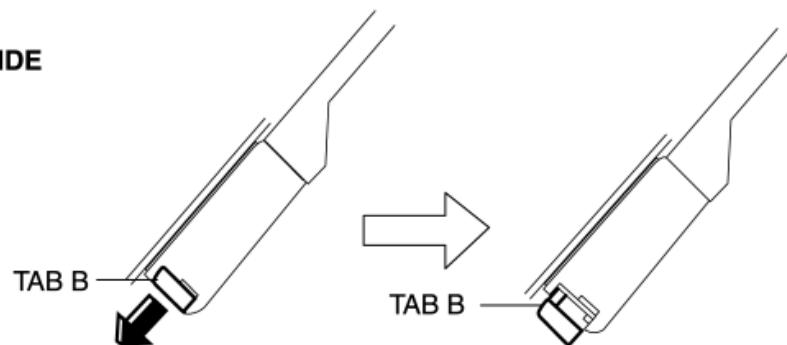
FRONT



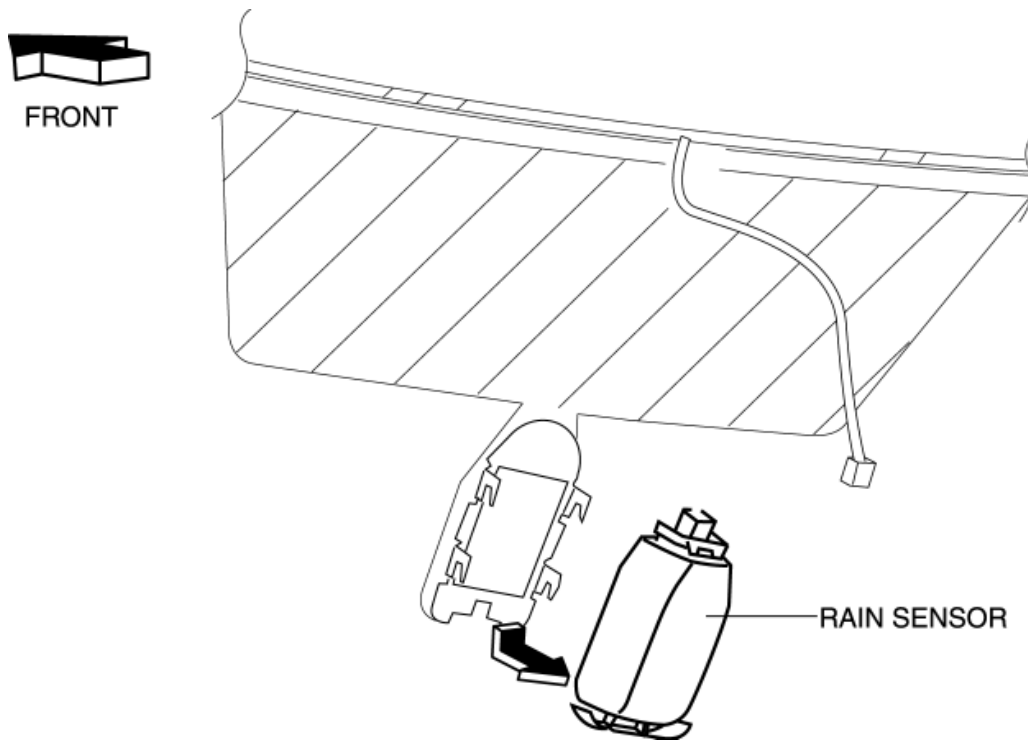
RIGHT-SIDE



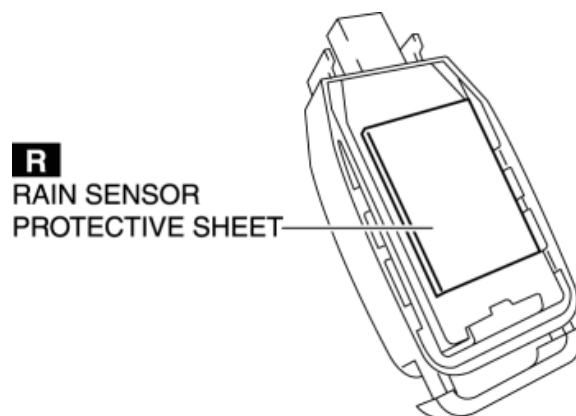
LEFT-SIDE



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



6. Peel off the rain sensor protective sheet from the rain sensor.



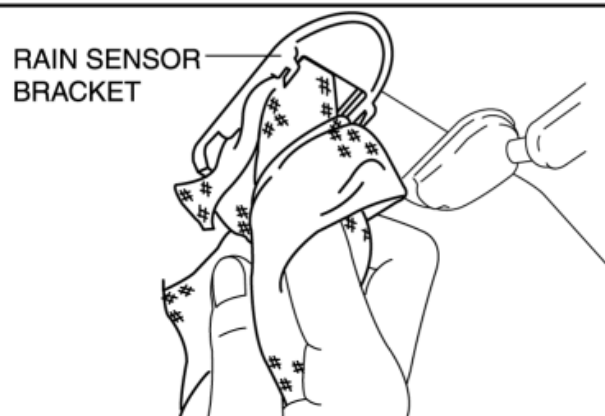
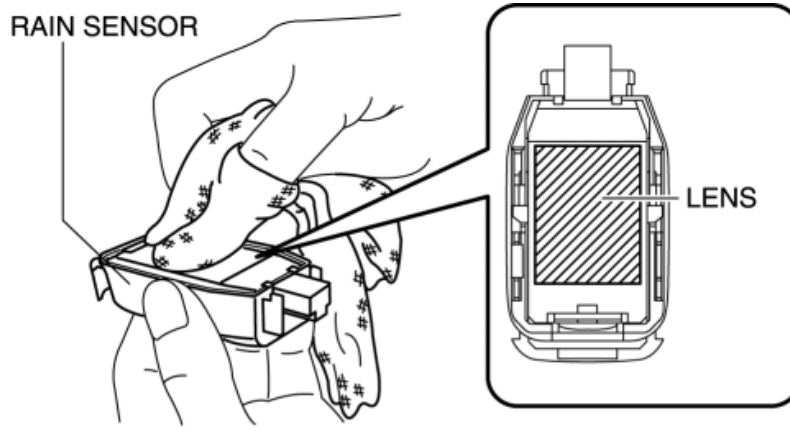
7. Install in the reverse order of removal. (See [Rain Sensor Installation Note](#).)

Rain Sensor Installation Note

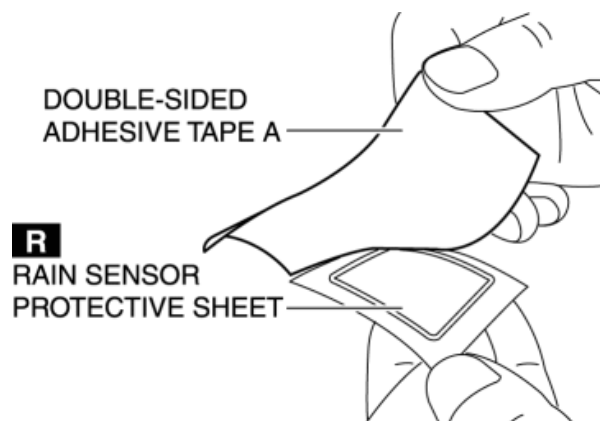
CAUTION:

- 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 rain sensor protective sheet
 - Do not touch rain sensor lens, rain sensor protective sheet, and sensor installation area on windshield with your finger
 - Verify that there is no air bubble after installing rain sensor

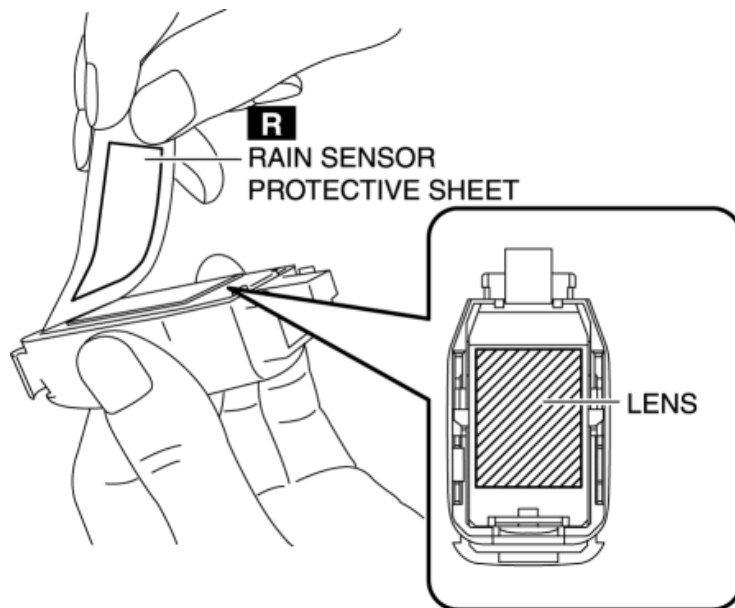
1. Wipe off any oil or dirt from the rain sensor lens and the windshield using a clean rag.



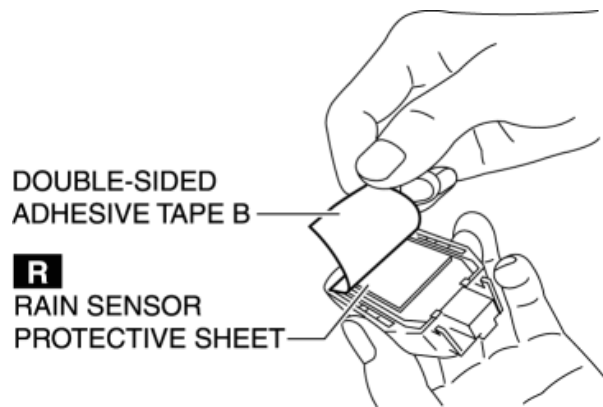
2. Peel off double-sided adhesive tape A from the rain sensor protective sheet.



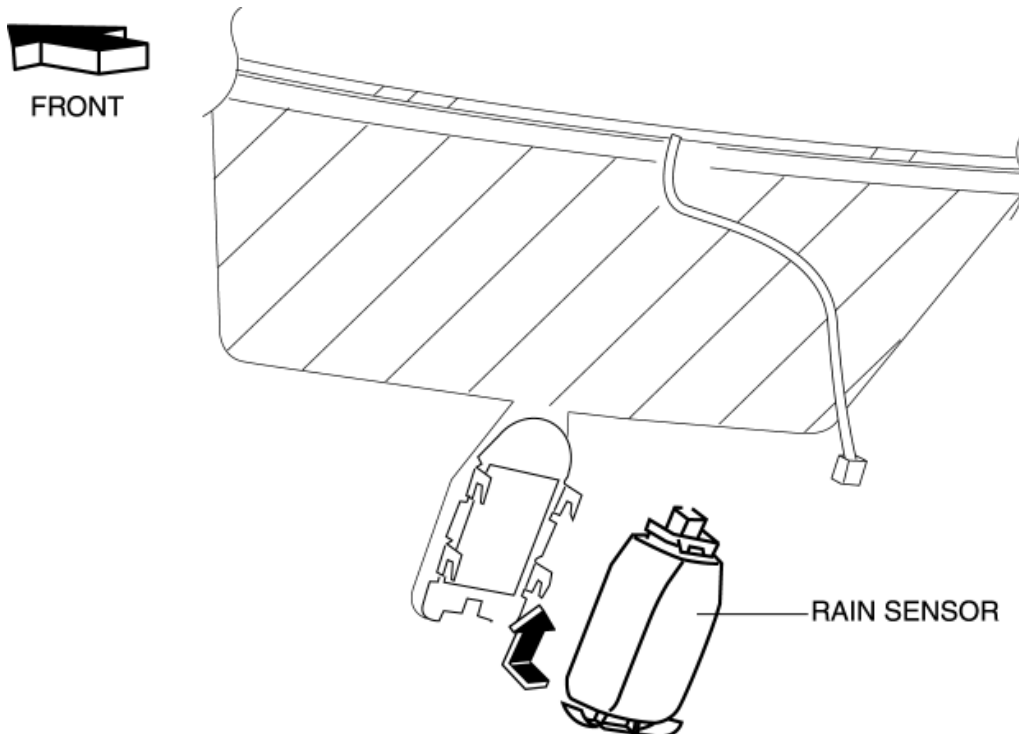
3. Adhere the rain sensor protective sheet to the rain sensor lens.



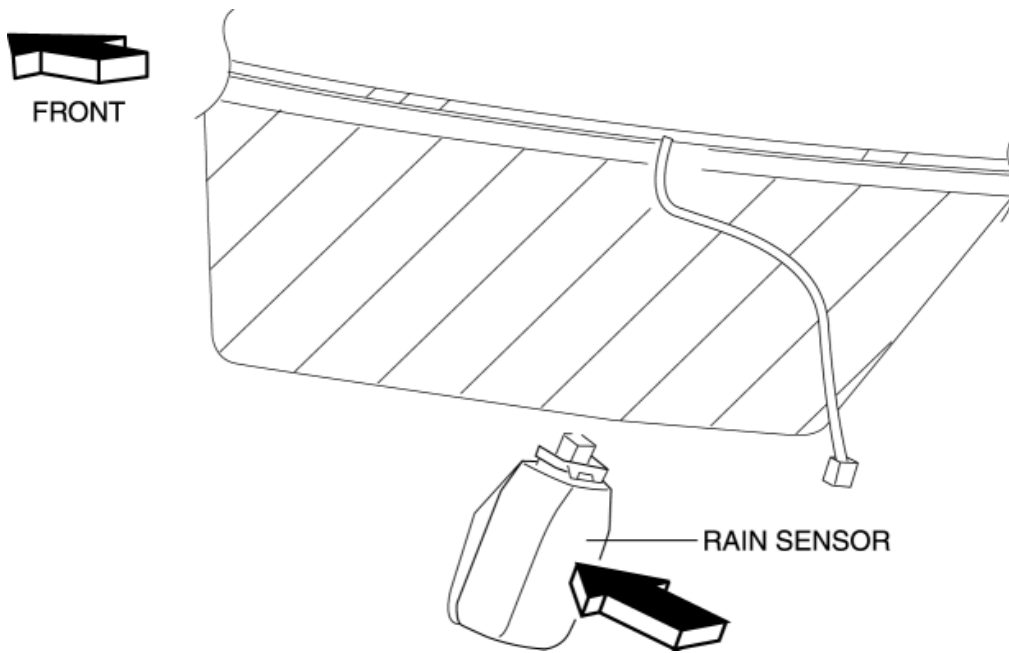
4. Peel off double-sided adhesive tape B from the rain sensor protective sheet.



5. Install the rain sensor.



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



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

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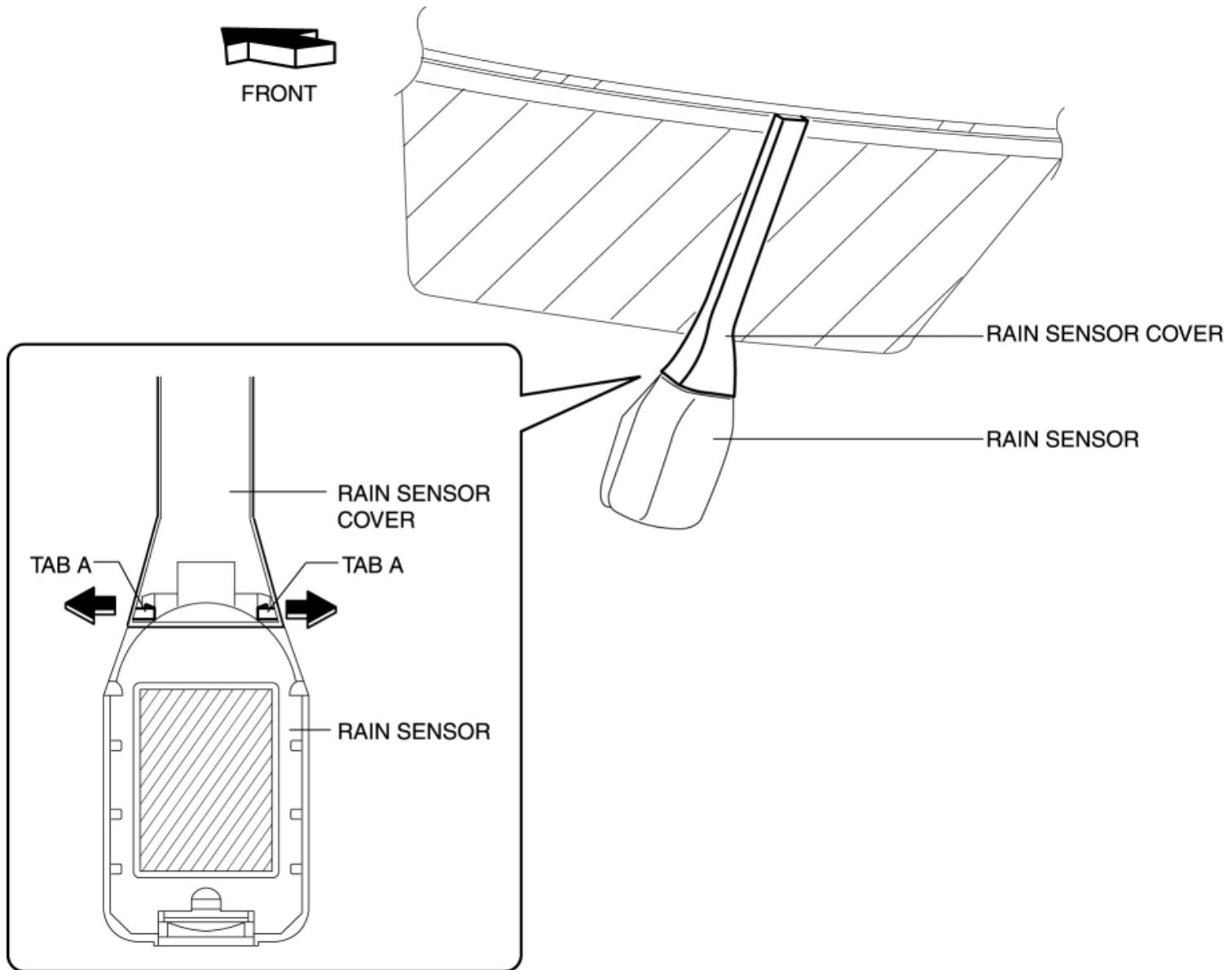
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RAIN SENSOR REMOVAL/ INSTALLATION

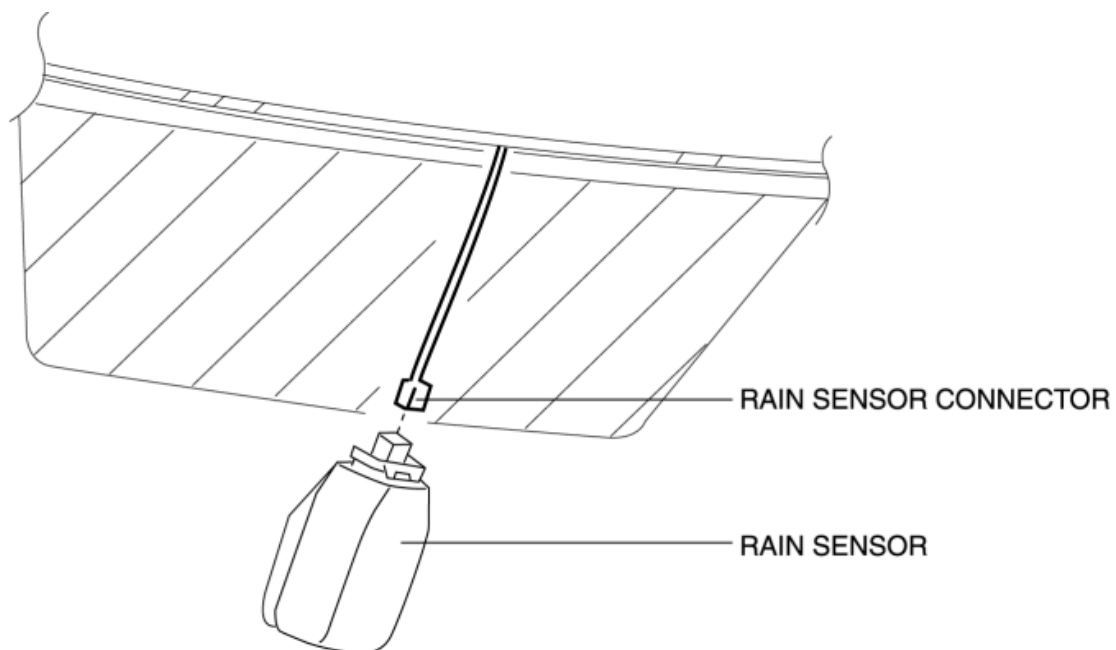
1. Disconnect the negative battery cable.
2. Open the rain sensor cover in the direction of the arrow and remove it while releasing rain sensor cover tab A.



3. Disconnect the rain sensor connector.



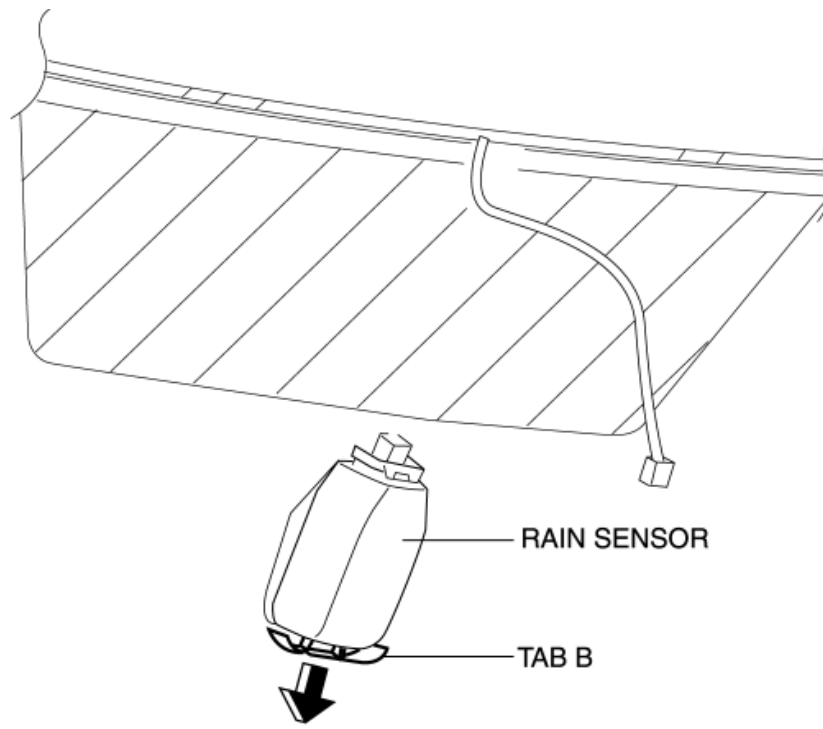
FRONT



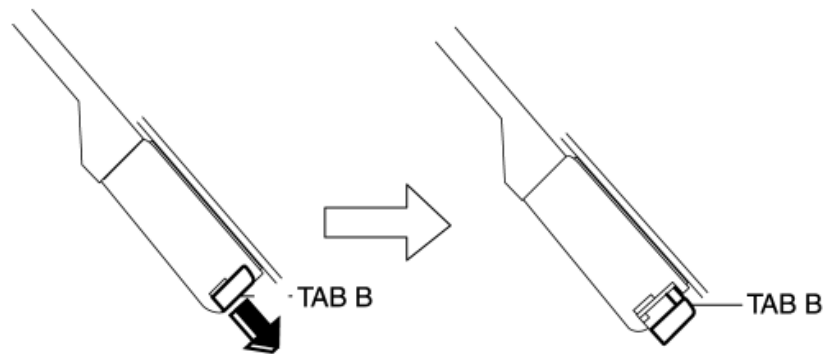
4. Slide rain sensor tab B in the direction of the arrow shown in the figure and detach tab B.



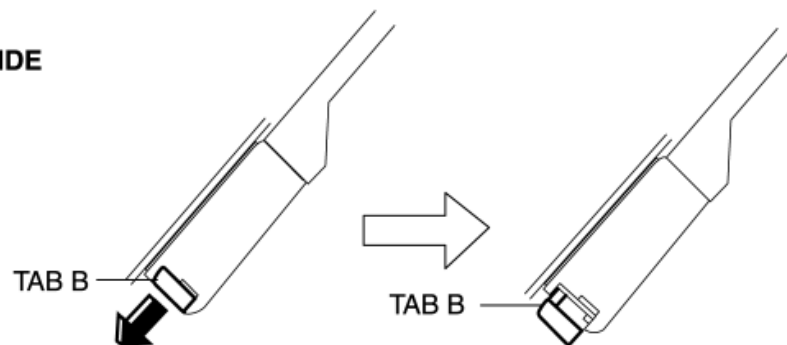
FRONT



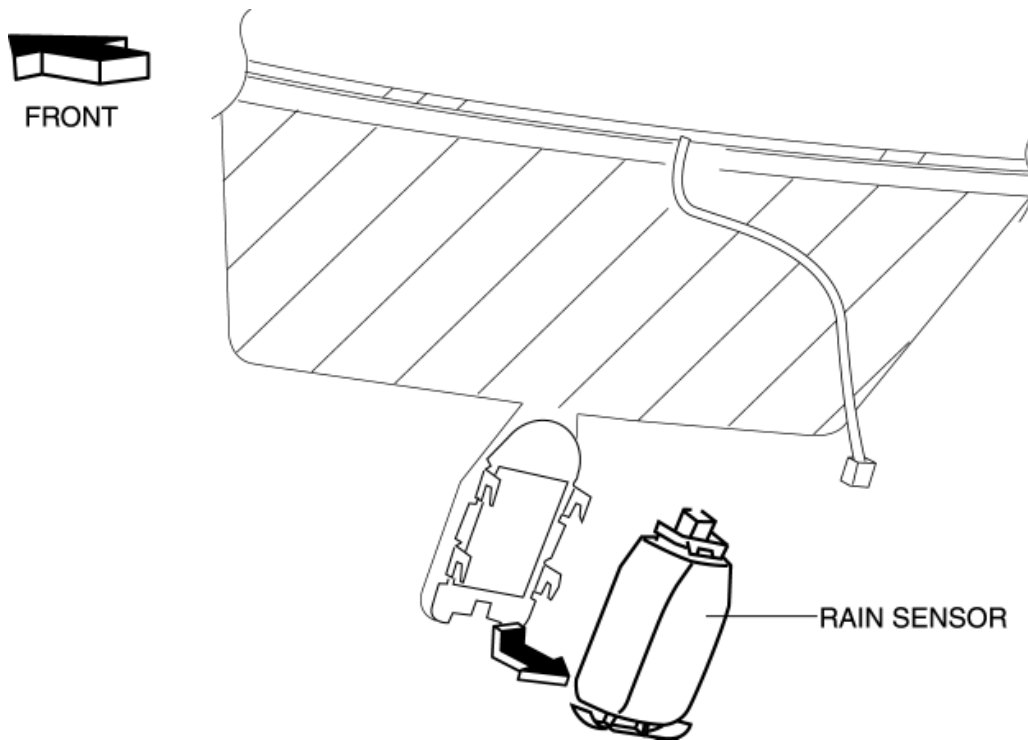
RIGHT-SIDE



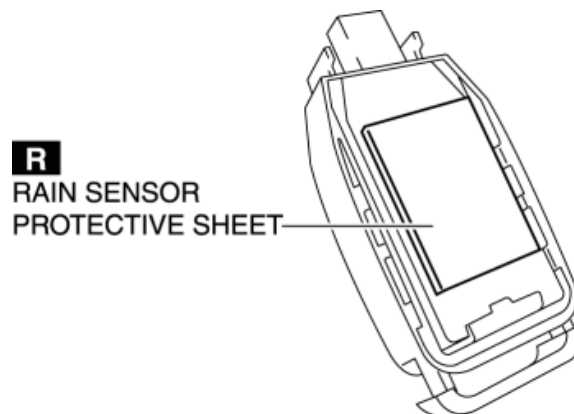
LEFT-SIDE



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



6. Peel off the rain sensor protective sheet from the rain sensor.



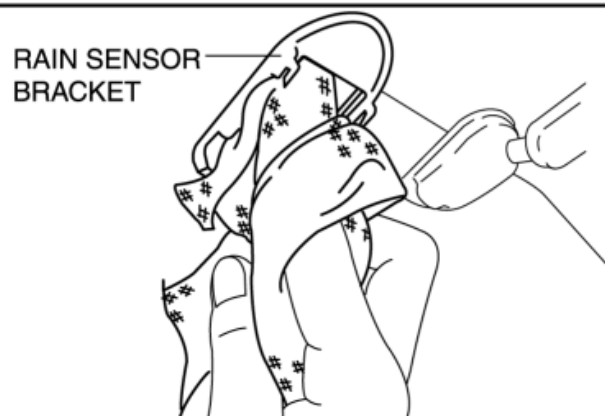
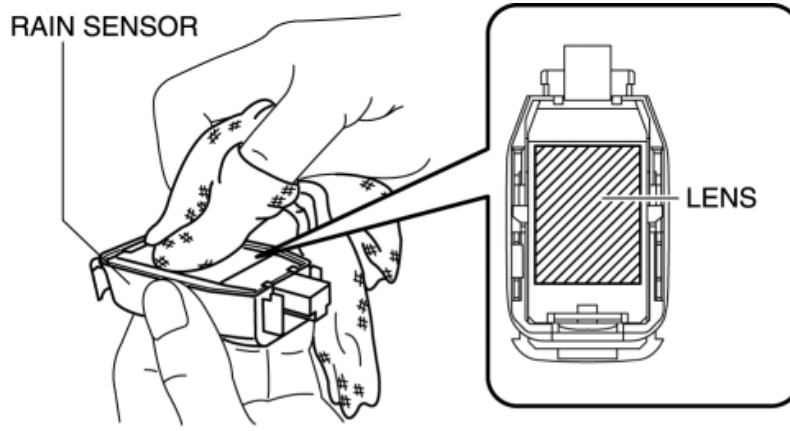
7. Install in the reverse order of removal. (See [Rain Sensor Installation Note](#).)

Rain Sensor Installation Note

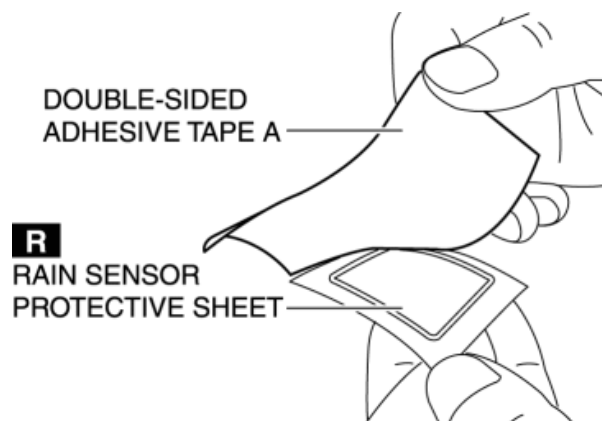
CAUTION:

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 - Do not reuse rain sensor protective sheet
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 - Verify that there is no air bubble after installing rain sensor

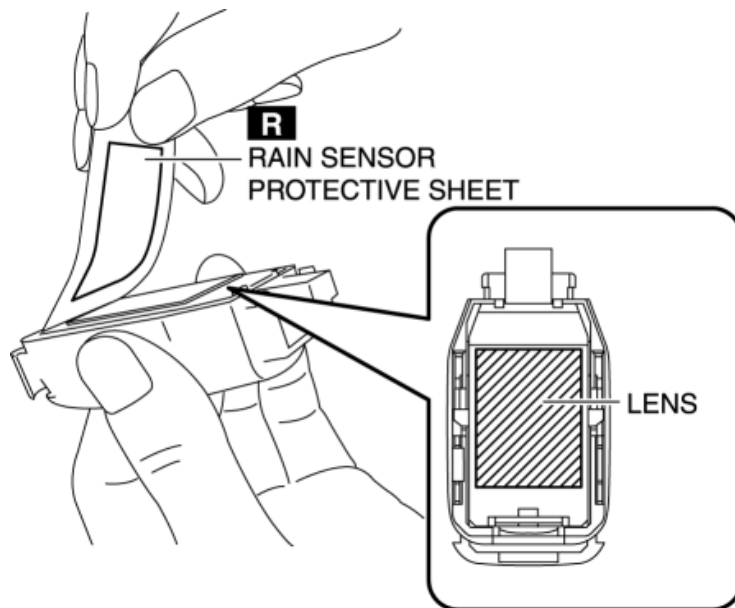
1. Wipe off any oil or dirt from the rain sensor lens and the windshield using a clean rag.



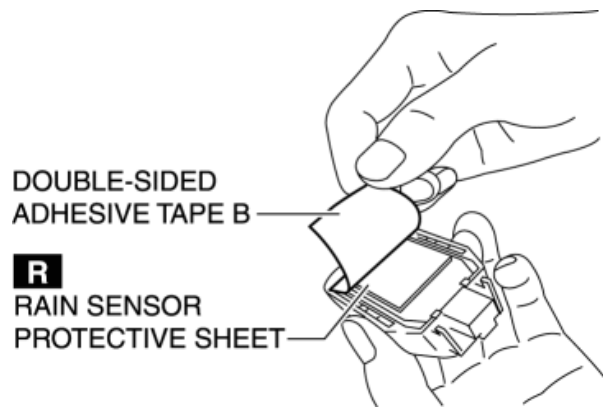
2. Peel off double-sided adhesive tape A from the rain sensor protective sheet.



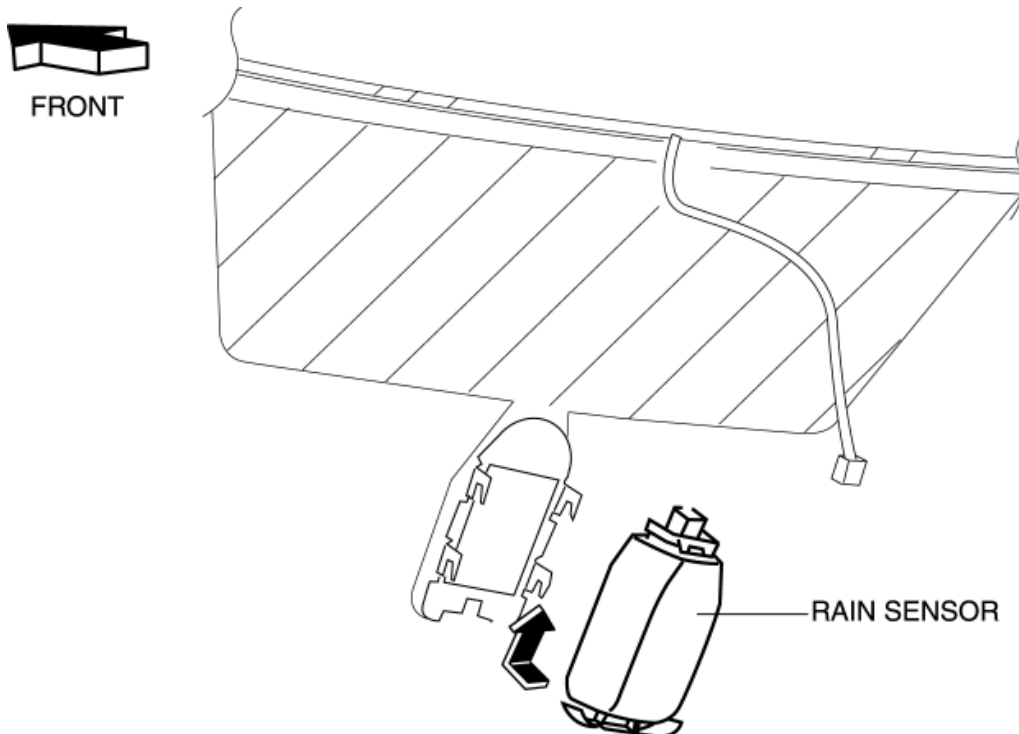
3. Adhere the rain sensor protective sheet to the rain sensor lens.



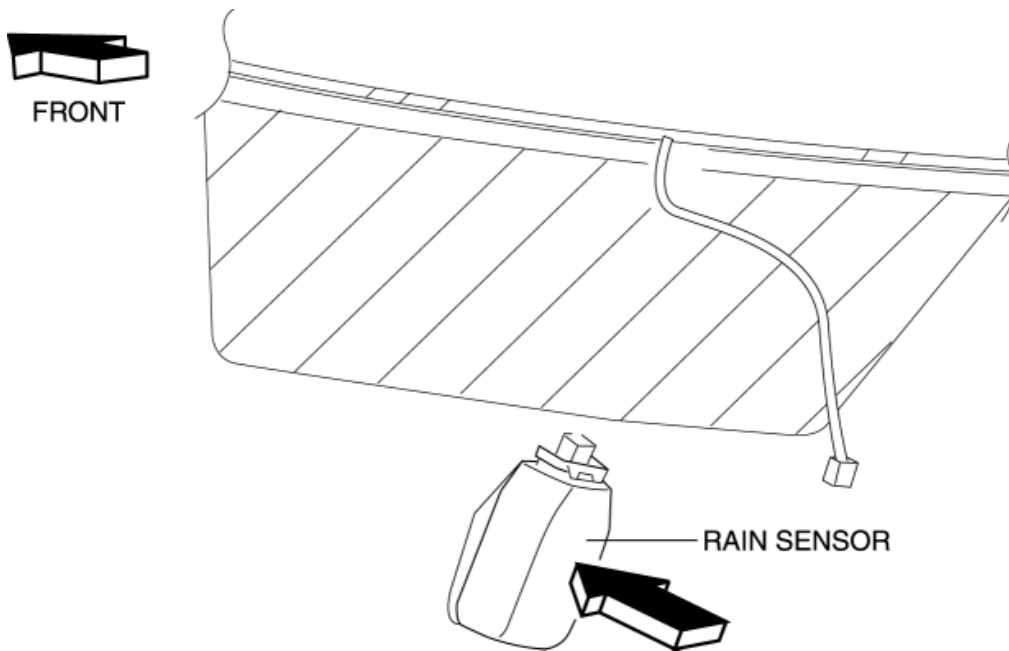
4. Peel off double-sided adhesive tape B from the rain sensor protective sheet.



5. Install the rain sensor.



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



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

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