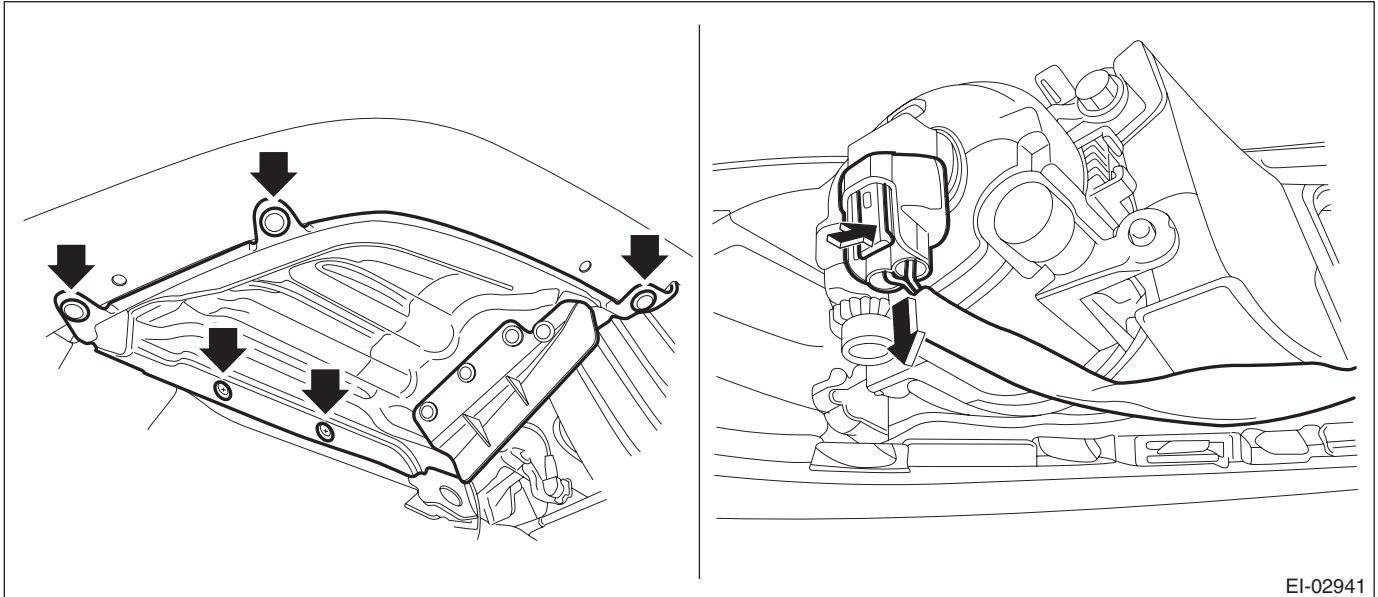


5. Washer Tank and Motor

A: REMOVAL

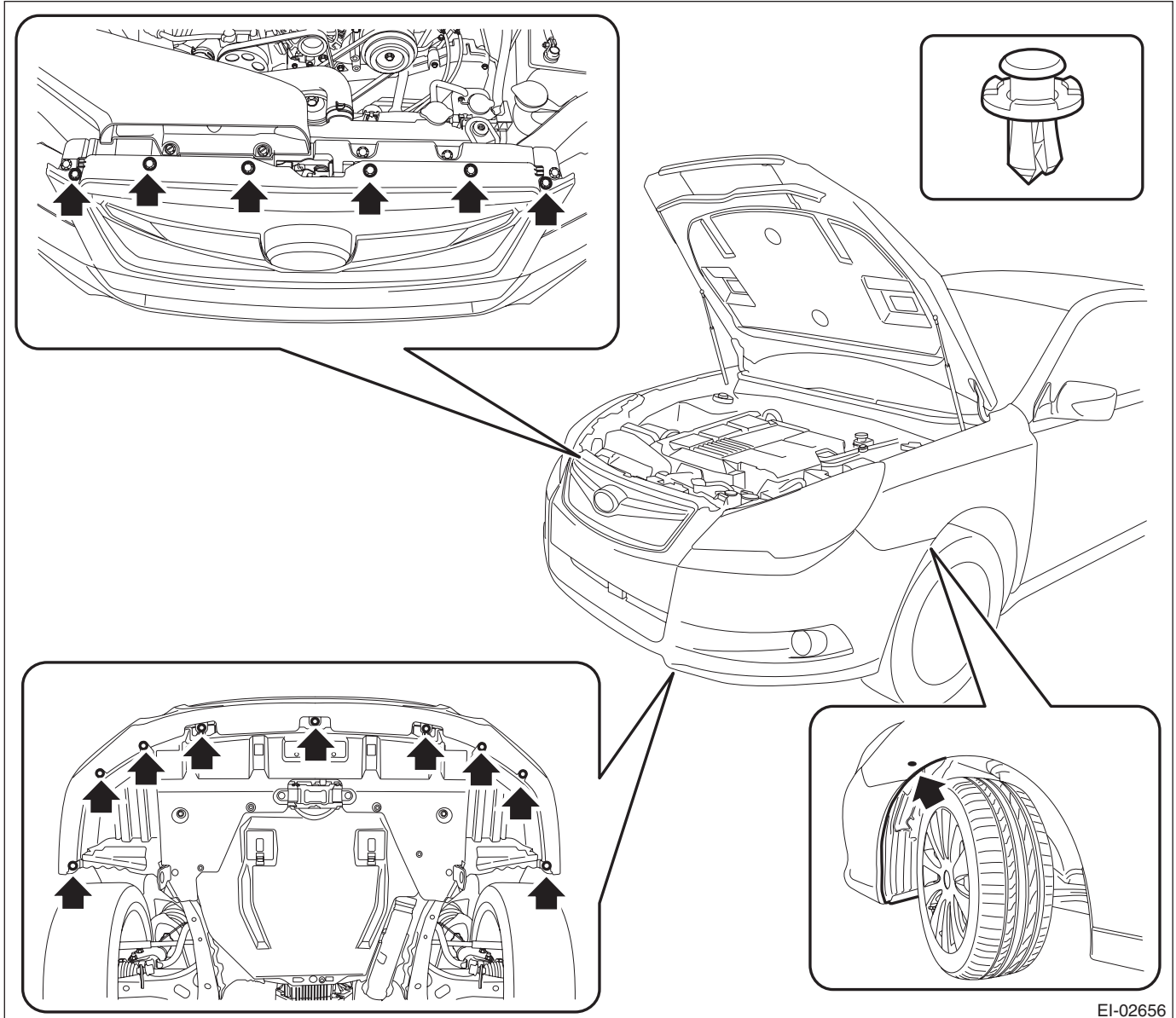
- 1) Open the front hood.
- 2) Disconnect the ground cable from battery.
- 3) Remove the bumper face.
 - (1) Remove the clips, turn over the front mud guard, and disconnect the fog light connector. (Model with fog light)



EI-02941

- (2) Remove the clips at the upper side of the bumper.
- (3) Remove the clips from the fender.

(4) Remove the clips at the lower side of bumper.



EI-02656

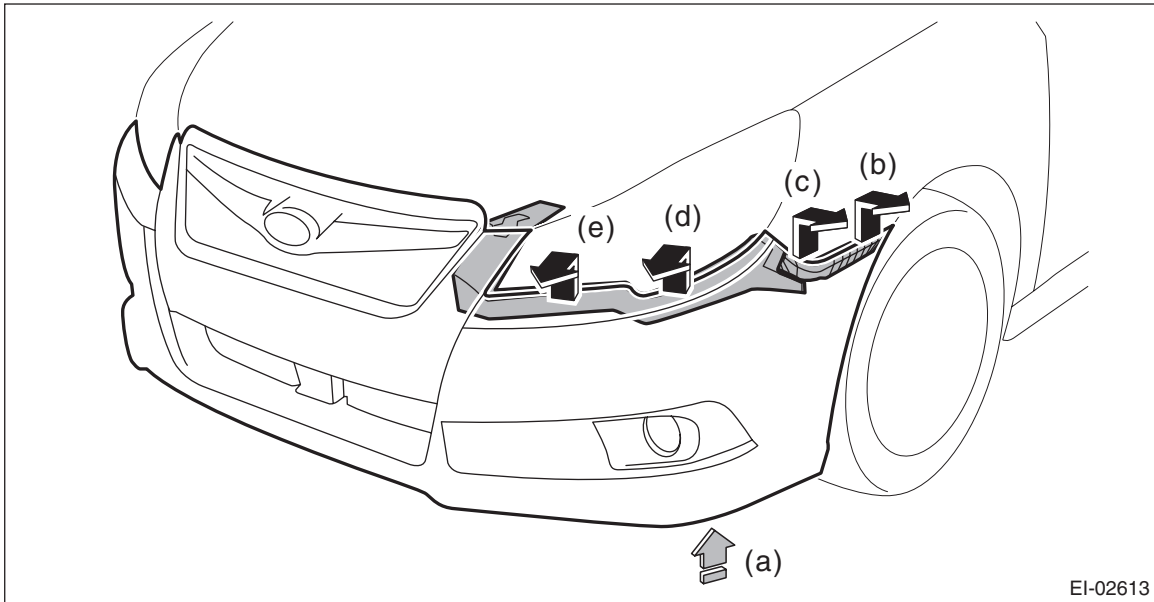
Washer Tank and Motor

WIPER AND WASHER SYSTEMS

- (5) Detach the flange section on the bumper face side from the bracket side front UPR.

CAUTION:

Do not pull forcibly. It may damage the flange sections of the bumper face.



EI-02613

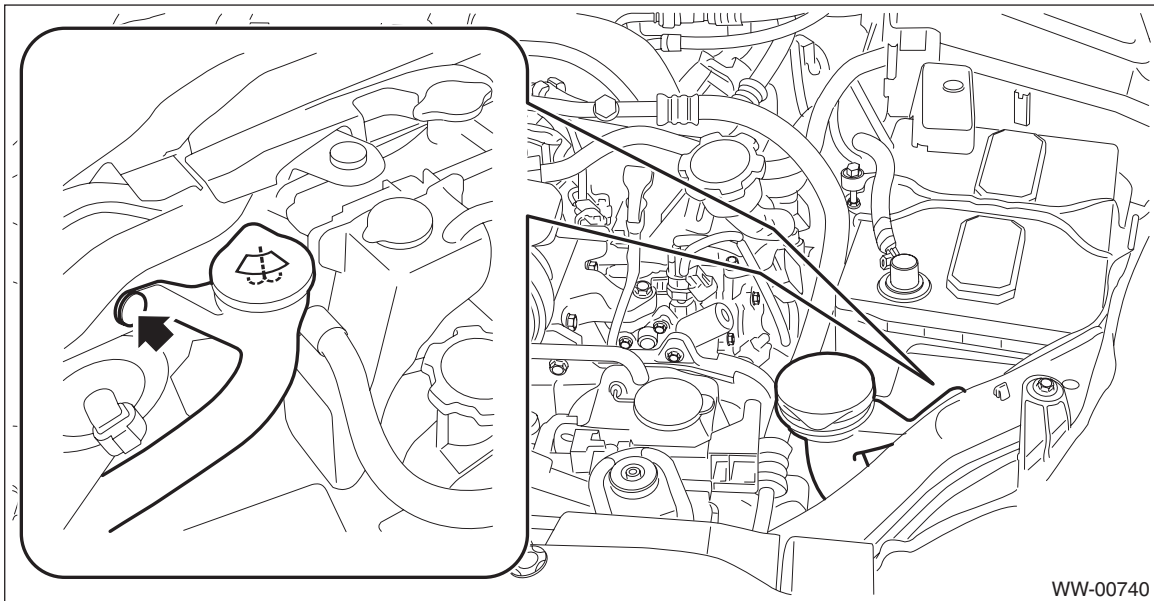
NOTE:

Pushing up the lower side (a) of the fog light, remove from (b) to (e).

Detach the opposite side in the same manner.

- 4) Remove the washer tank assembly.

- (1) Remove the clip of the washer tank duct.

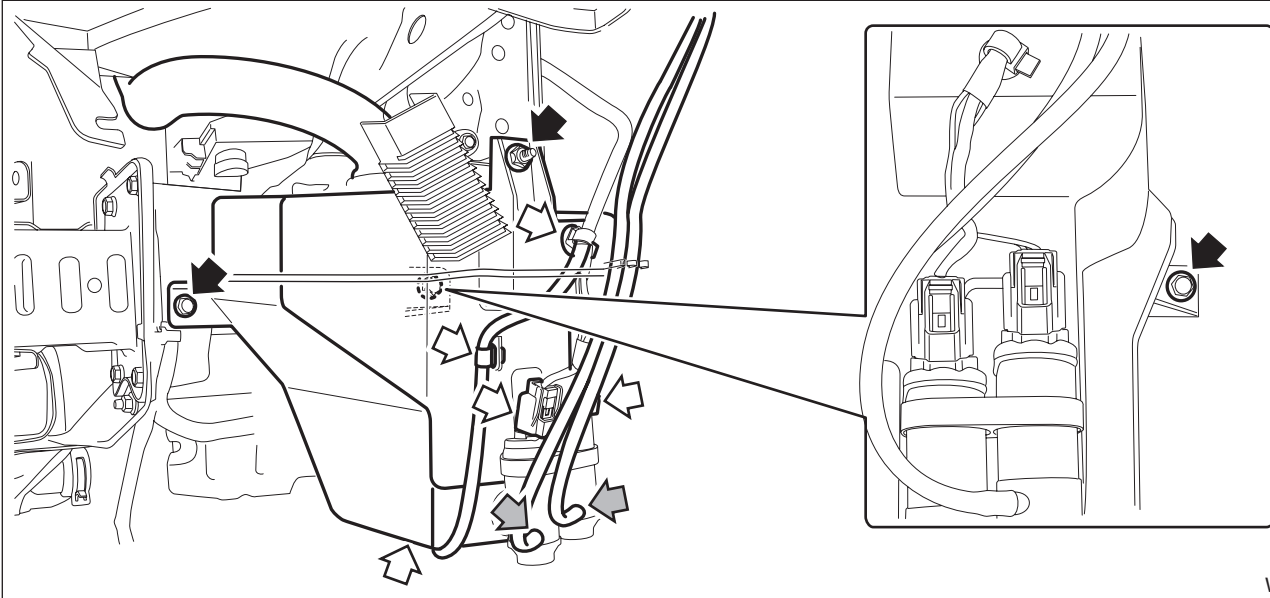


WW-00740

- (2) Prepare a container before disconnecting the washer hose and drain all washer fluid in the tank.

- (3) Disconnect the connector from the washer motor and washer tank level sensor, and then remove the harness clip.

(4) Remove the bolt and nuts and remove the washer tank assembly.



WW-00744

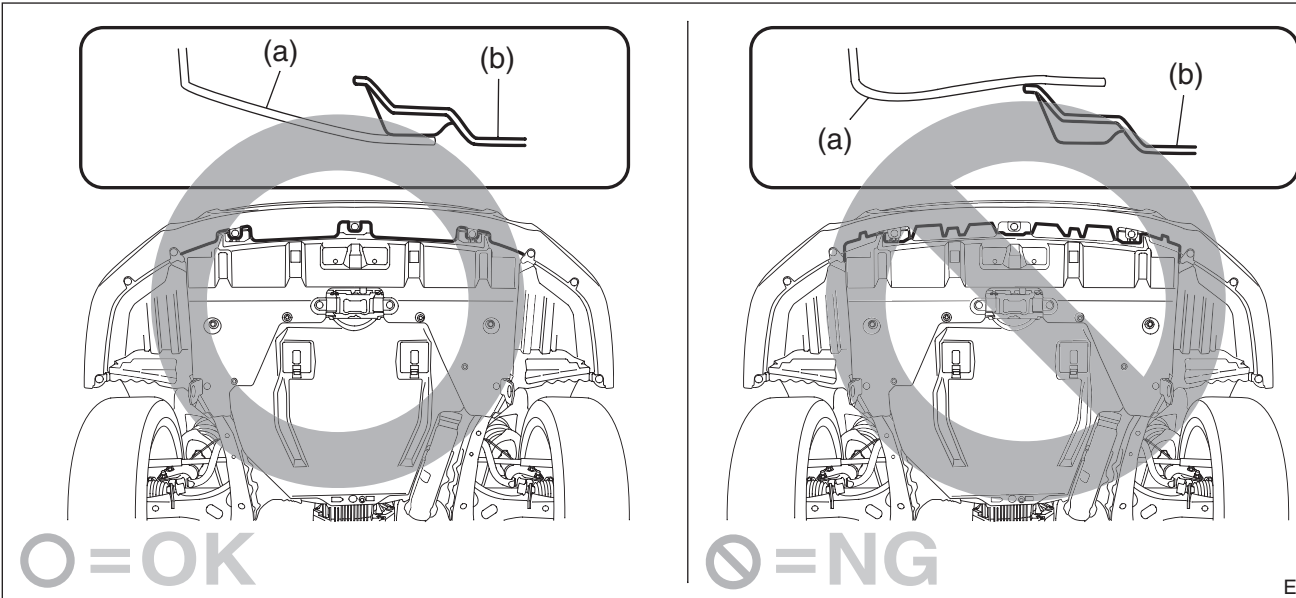
5) Remove the washer motor from the tank.

B: INSTALLATION

1) Install each part in the reverse order of removal.

CAUTION:

Install the bumper face so that the under cover front end (b) comes inside the front bumper face (a).



EI-02937

2) Add new washer fluid.

Tightening torque:

6 N·m (0.61 kgf-m, 4.4 ft-lb)

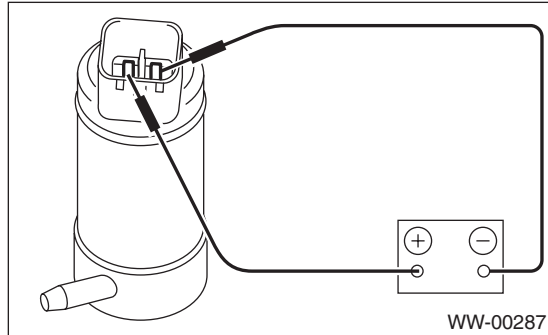
Washer Tank and Motor

WIPER AND WASHER SYSTEMS

C: INSPECTION

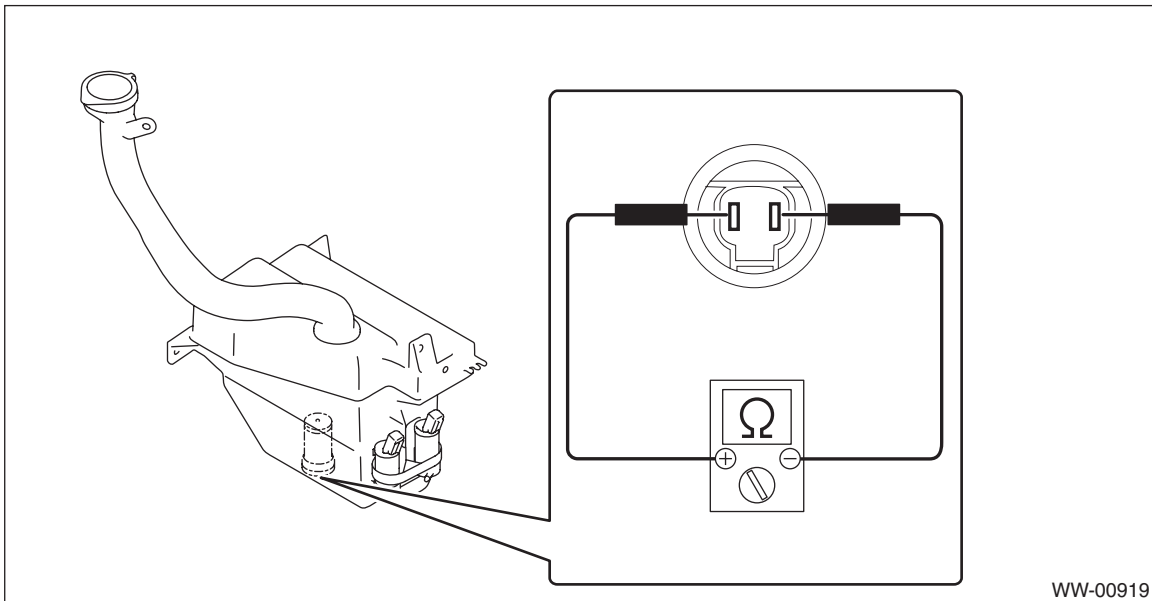
1. WASHER MOTOR

Apply battery voltage to the connector terminal of the washer motor and make sure that the motor operates.



2. WASHER FLUID LEVEL SENSOR

- 1) Check the connection status of washer fluid level sensor connector.
- 2) Does the low washer fluid warning light illuminate after draining the washer fluid? And does the low washer fluid warning light go off after refilling the washer fluid?
 - **Yes** → **Normal operation.**
 - **No** → **Perform step 3.**
- 3) Using a tester, measure the voltage of the washer fluid level sensor connector.
 - (1) Is the voltage approx. 8.5 V or more?
 - **Yes** → **Perform step 4.**
 - **No** → **Check harness, meter and integrated unit, and replace if necessary.**
- 4) Does the meter indicator illuminate if you short the washer fluid level sensor connector?
 - **Yes** → **Perform step 5.**
 - **No** → **Check meter and integrated unit, and replace if necessary.**
- 5) Using a tester, measure the resistance of the washer fluid level sensor.
 - (1) Turn over the mud guard.
 - (2) Measure the resistance of the washer fluid level sensor.



Amount of washer fluid in the tank	Standard
No remaining quantity (ON)	Less than 10 Ω
There is remaining quantity (OFF)	1 M Ω or more

(3) Is the resistance within the standard?

- **Yes** → **Normal operation.**
- **No** → **Replace the washer fluid level sensor along with the washer tank.**