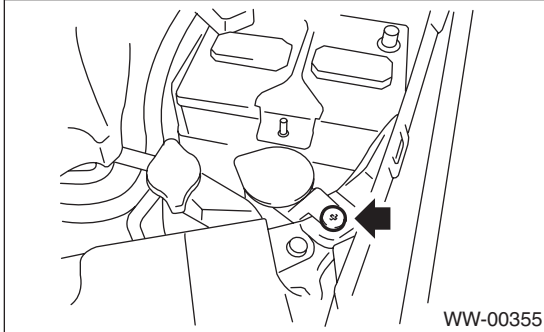


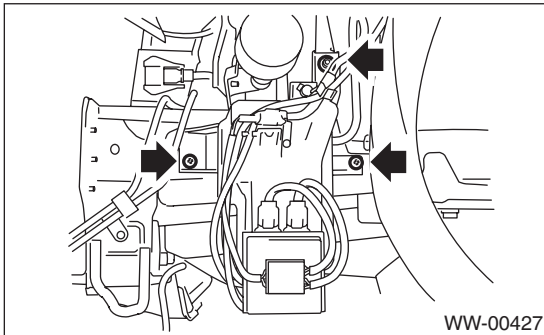
5. Washer Tank and Motor

A: REMOVAL

- 1) Open the front hood.
- 2) Disconnect the ground cable from the battery.
- 3) Remove the front bumper. <Ref. to EI-22, REMOVAL, Front Bumper.>
- 4) Remove the clip holding washer water supply tap.



- 5) Remove the two bolts and one nut, hose, connector and washer motor cover, and then remove the washer tank.



B: INSTALLATION

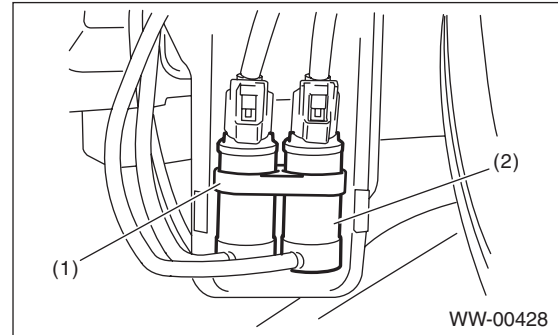
Install in the reverse order of removal.

Tightening torque:

6.0 N·m (0.61 kgf-m, 4.4 ft-lb)

C: DISASSEMBLY

- 1) Slide the washer motor holder upward to remove it.
- 2) Slide the washer motor holder (1) upward to remove it.
- 3) Pull out the washer motor (2) from the tank.



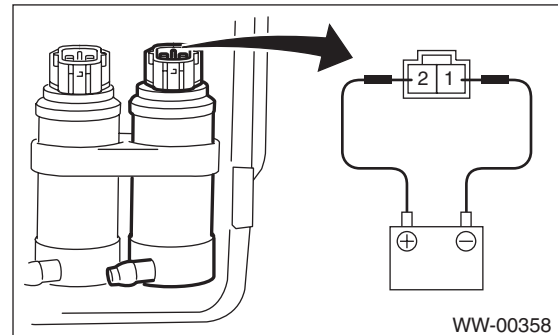
D: ASSEMBLY

- 1) Assemble in the reverse order of disassembly.
- 2) Confirm that water does not leak from installation area of motor.

E: INSPECTION

1. WASHER MOTOR

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



Washer Tank and Motor

WIPER AND WASHER SYSTEMS

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?

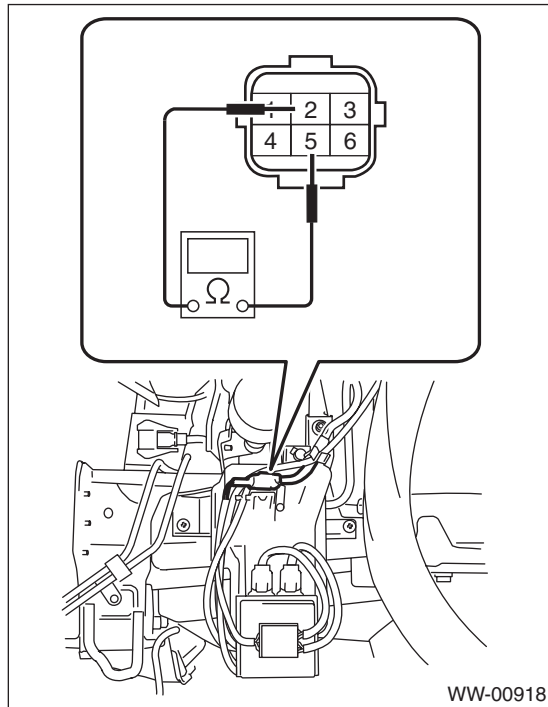
- **Yes** → **Perform step 4.**
 - **No** → **Check harness, meter and integrated unit, and replace if necessary.**
- 4) Does the meter indicator illuminate if you short the washer fluid level sensor connector?
- **Yes** → **Perform step 5.**
 - **No** → **Check meter and integrated unit, and replace 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.

6) When measurement value is different from the specification, replace the washer fluid level sensor along with the washer tank.



Terminal No.	Amount of washer fluid in the tank	Standard
2 and 5	No remaining quantity (ON)	Less than 10 Ω
	There is remaining quantity (OFF)	1 M Ω or more