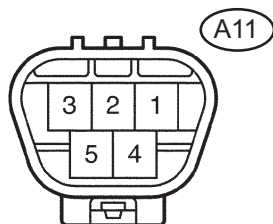


Windshield Wiper Motor Assembly
Connector Front View:



P

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INSPECTION

1. INSPECT FRONT WIPER MOTOR

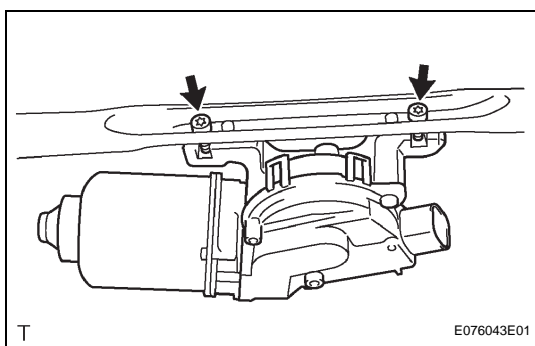
- (a) Check the LO operation.
 - (1) Connect the battery positive (+) lead to terminal 1 (+1) of the connector and the battery negative (-) lead to terminal 5 (E), then check that the windshield wiper motor assembly operates at low speed (LO).
If the motor does not operate, replace the windshield wiper motor assembly.
- (b) Check the HI operation.
 - (1) Connect the battery positive (+) lead to terminal 4 (+2) of the connector and the battery negative (-) lead to terminal 5 (E), then check that the motor operates at high speed (HI).

INSTALLATION

1. INSTALL FRONT WIPER MOTOR

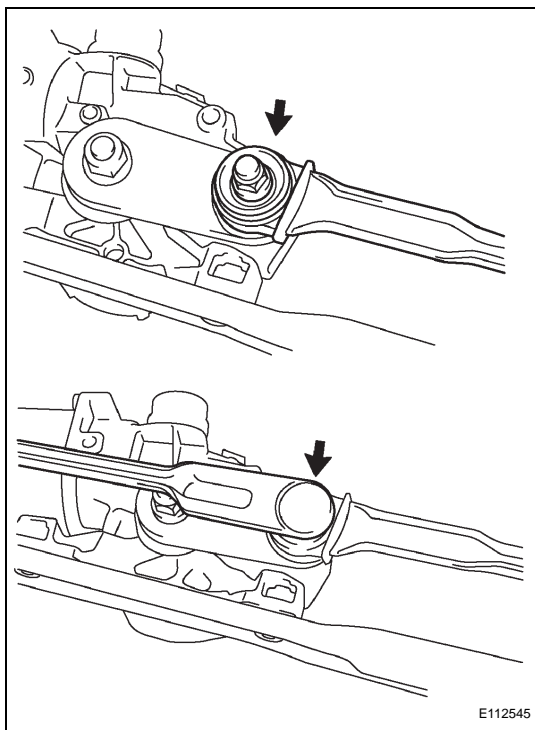
- (a) Apply DENSO No. 50 grease to the crank arm pivot of the windshield wiper motor assembly.
- (b) Using a "Torx" socket wrench (T30), install the windshield wiper motor assembly with the 2 screws.
Torque: 7.5 N*m (76 kgf*cm, 66 in.*lbf)

- (c) Install the 2 rods onto the crank arm pivot of the windshield wiper motor assembly.

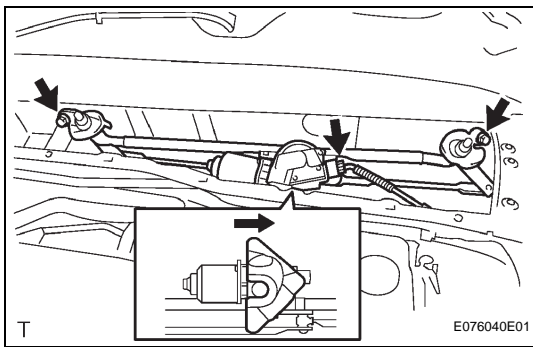


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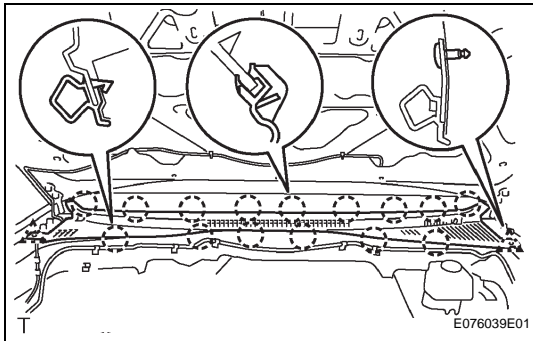


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2. INSTALL WINDSHIELD WIPER MOTOR AND LINK

- Slide the wiper motor assembly to the driver side seat side as shown in the illustration and engage the rubber pin with the body.
- Install the windshield wiper link assembly with the 2 bolts.
Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)
- Connect the connector.



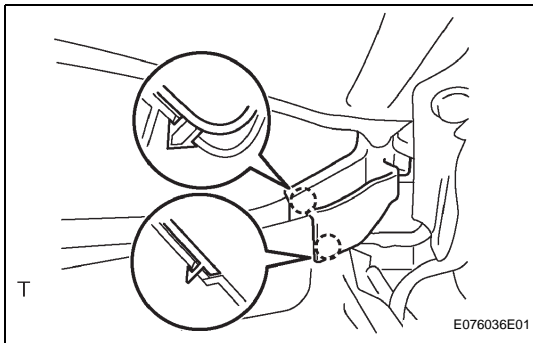
3. INSTALL COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY

- Engage the 15 claws and install the cowl top ventilator louver sub-assembly.
- Engage the 2 clips

4. INSTALL FRONT FENDER TO COWL SIDE SEAL RH

HINT:

Perform the same procedure as above on the opposite side.

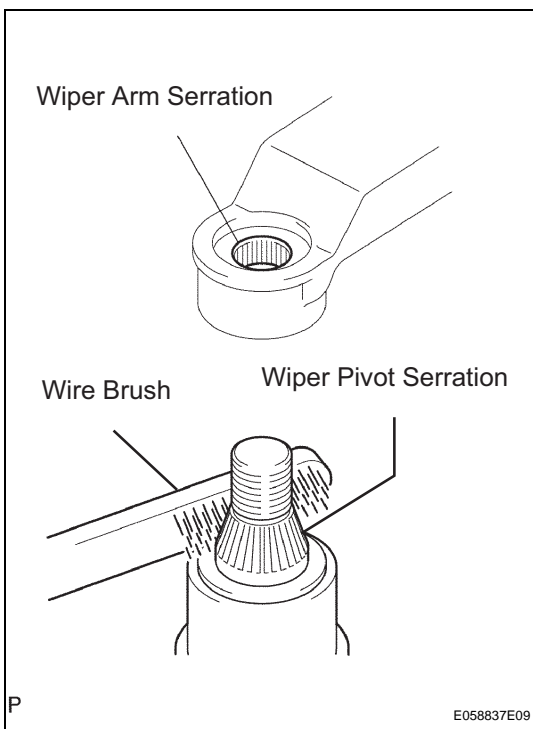


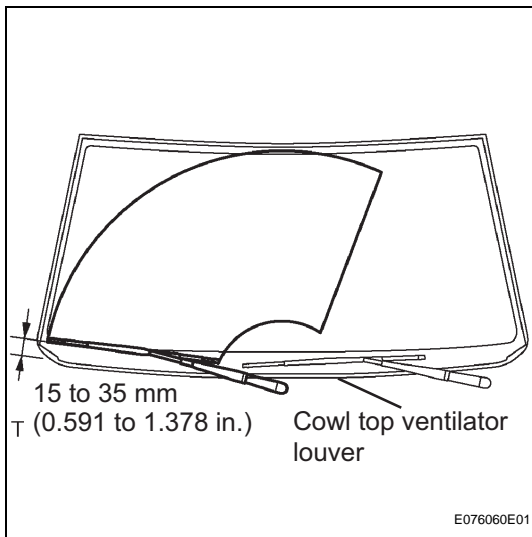
5. INSTALL FRONT FENDER TO COWL SIDE SEAL LH

- Engage the 2 claws and install the front fender onto cowl side seal LH.

6. INSTALL FRONT WIPER ARM RH

- Scrape any metal powder off the serration part of the wiper arm with a round file or equivalent (when reinstalling).
- Clean the wiper pivot serration with a wire brush.
- Operate the wiper, then stop the windshield wiper motor assembly at the automatic stop position.



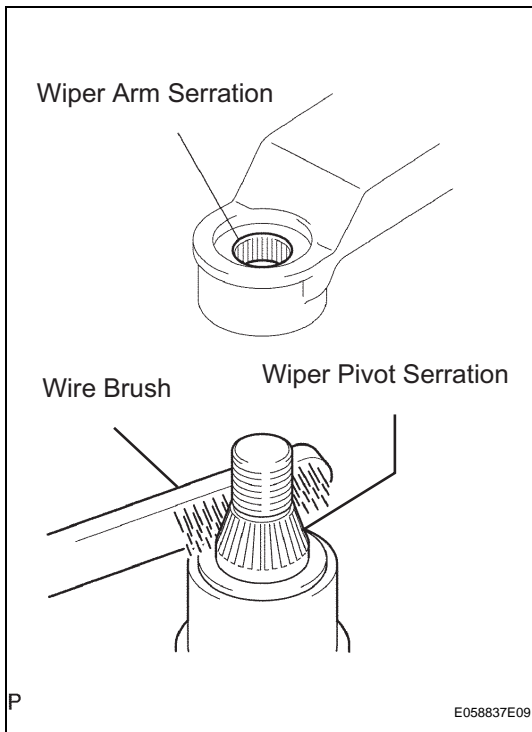


- (d) Install the front wiper arm RH onto the position with the nut as shown in the illustration.

Torque: 21 N*m (209 kgf*cm, 15 ft.*lbf)

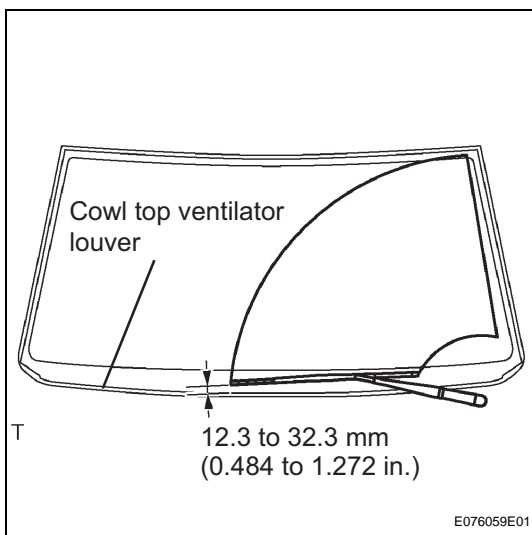
HINT:

Hold down the arm hinge by hand to fasten the nut.



7. INSTALL FRONT WIPER ARM LH

- (a) Scrape any metal powder off the serration part of the wiper arm with a round file or equivalent (when reinstalling).
- (b) Clean the wiper pivot serration with a wire brush.



- (c) Install the front wiper arm LH onto the position with the nut as shown in the illustration.

Torque: 21 N*m (209 kgf*cm, 15 ft.*lbf)

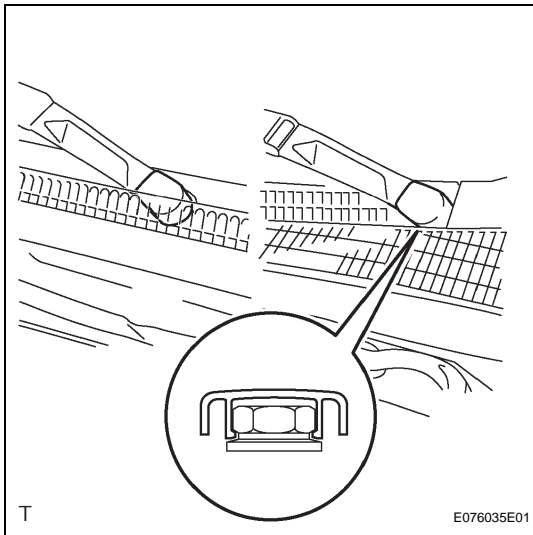
HINT:

Hold down the arm hinge by hand to fasten the nut.

- (d) Operate the front wipers while spraying water or washer fluid on the windshield. Ensure that there is no interference between the blades and pillar.

8. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

**9. INSTALL FRONT WIPER ARM HEAD CAP**

- (a) Engage the claw and install the 2 front wiper arm head caps.