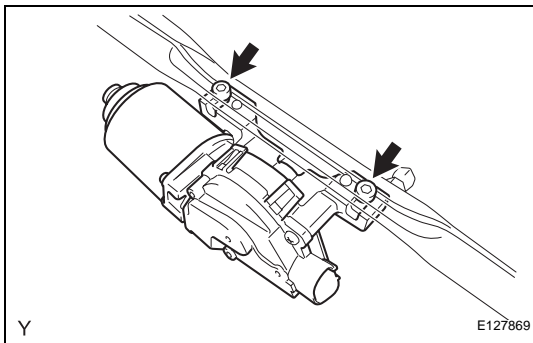
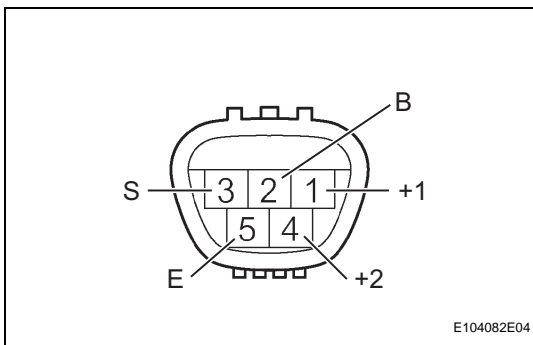


- (b) Using a screwdriver with its tip wrapped in protective tape, disengage the meshing of the rod at the crank arm pivot of the front wiper motor.



- (c) Using "Torx" socket wrench T30, remove the 2 bolts and the front wiper motor.



INSPECTION

1. INSPECT FRONT WIPER MOTOR

- (a) Check the LO operation.
- (1) Connect the positive battery (+) lead to terminal 1 (+1) of the connector and the negative battery (-) lead to terminal 5 (E), then check that the motor operates at low speed (LO).
Standard:
Motor operates at low speed (LO).
If the result is not as specified, replace the motor.
- (b) Check the HI operation.
- (1) Connect the positive battery (+) lead to terminal 4 (+2) of the connector and the negative battery (-) lead to terminal 5 (E), then check that the motor operates at high speed (HI).
Standard:
Motor operates at high speed (HI).
If the result is not as specified, replace the motor.
- (c) Check the automatic stop operation.
- (1) Connect the positive battery (+) lead to terminal 1 (+1) of the connector and the negative battery (-) lead to terminal 5 (E). With the motor operating at low speed (LO), disconnect terminal 1 (+1) to stop the wiper motor operation at any position other than the automatic stop position.

- (2) Using SST, connect terminals 3 (S) and 1 (+1). Connect the positive battery (+) lead to terminal 2 (B) of the connector to restart the motor operation at low speed (LO).

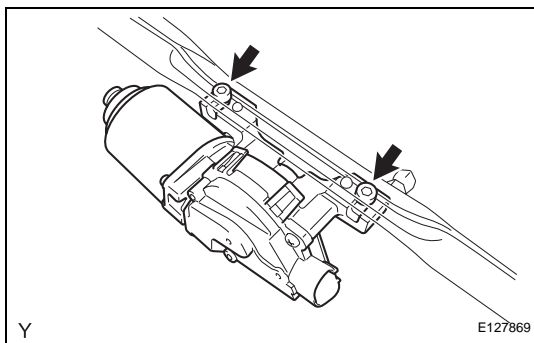
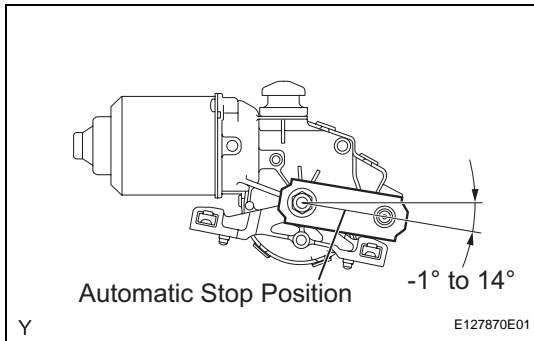
SST 09843-18040

- (3) Check that the motor stops automatically in the automatic stop position.

Standard:

Refer to the illustration.

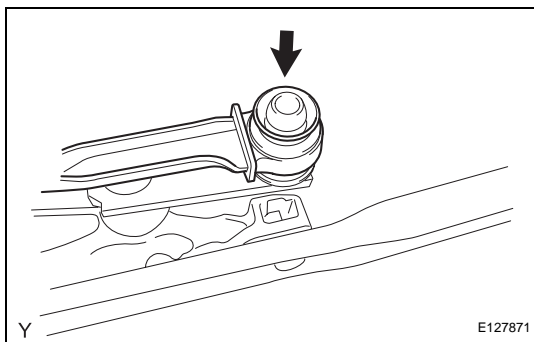
If the result is not as specified, replace the motor.



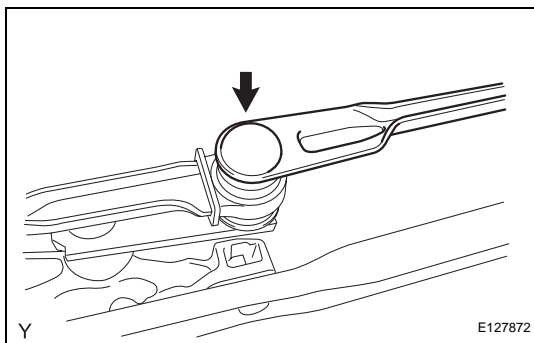
INSTALLATION

1. INSTALL FRONT WIPER MOTOR

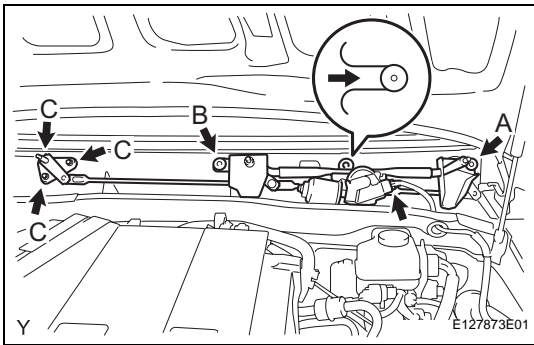
- (a) Install the front wiper motor.
- (b) Using "Torx" socket wrench T30, tighten the 2 bolts.
Torque: 7.5 N*m (76 kgf*cm, 66 in.*lbf)



- (c) Apply DENSO No. 50 grease to the crank arm pivot of the front wiper motor.
- (d) Install the rod onto the crank arm pivot of the front wiper motor.



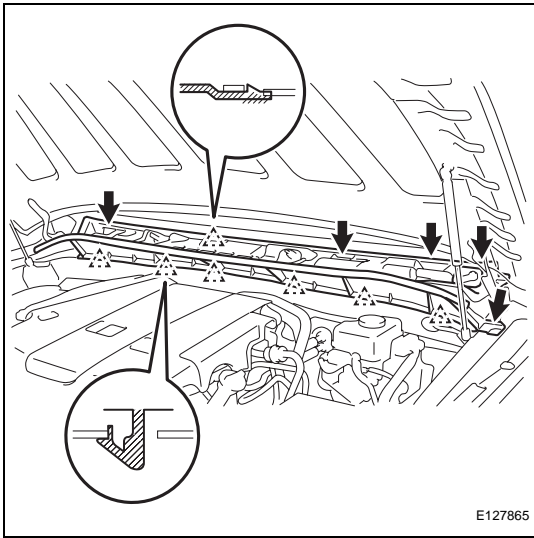
- (e) Apply DENSO No. 50 grease to the crank arm pivot of the front wiper motor.
- (f) Install the rod onto the crank arm pivot of the front wiper motor.



2. INSTALL FRONT WIPER MOTOR AND LINK

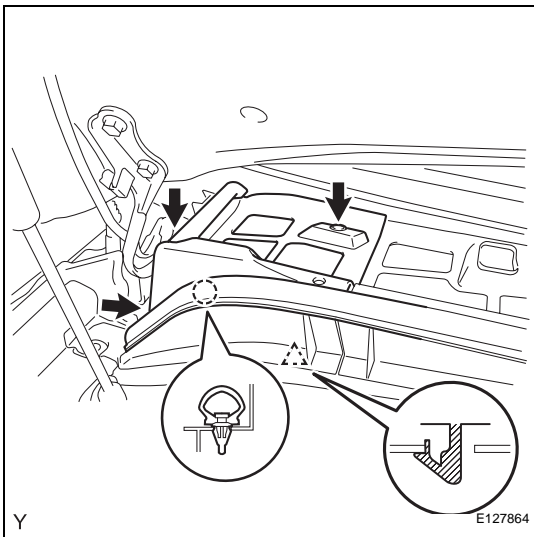
- (a) Slide the wiper link as shown in the illustration and engage the rubber pin with the body.
- (b) Connect the connector.
- (c) Tighten bolt A.
- (d) Tighten bolt B.
- (e) Tighten 3 bolts C.

Torque: 7.0 N*m (71 kgf*cm, 61 in.*lbf)



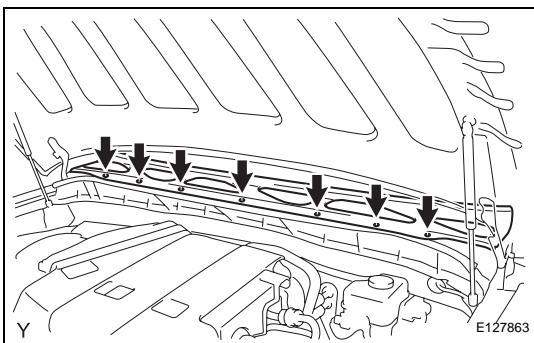
3. INSTALL COWL TOP VENTILATOR LOUVER LH

- (a) Install the cowl top ventilator louver LH with the 5 clips and engage the 7 claws.



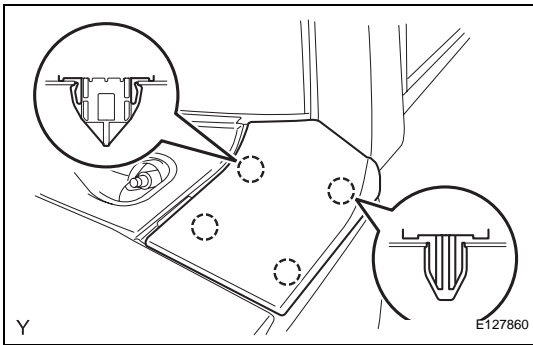
4. INSTALL COWL TOP VENTILATOR LOUVER RH

- (a) Install the cowl top ventilator louver RH with the 3 clips and the claw.
- (b) Install the hood to cowl top seal with the clip.

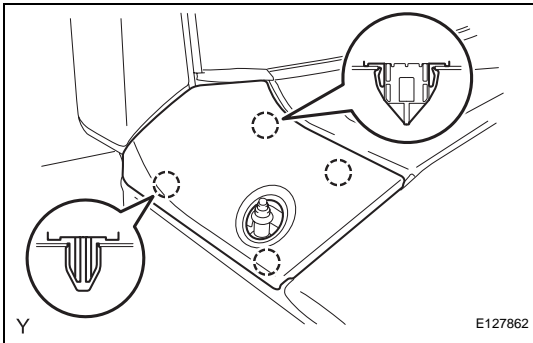


5. INSTALL COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY

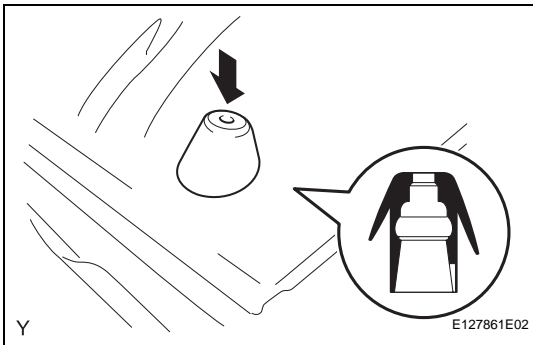
- (a) Install the cowl top ventilator louver sub-assembly with the 7 clips.



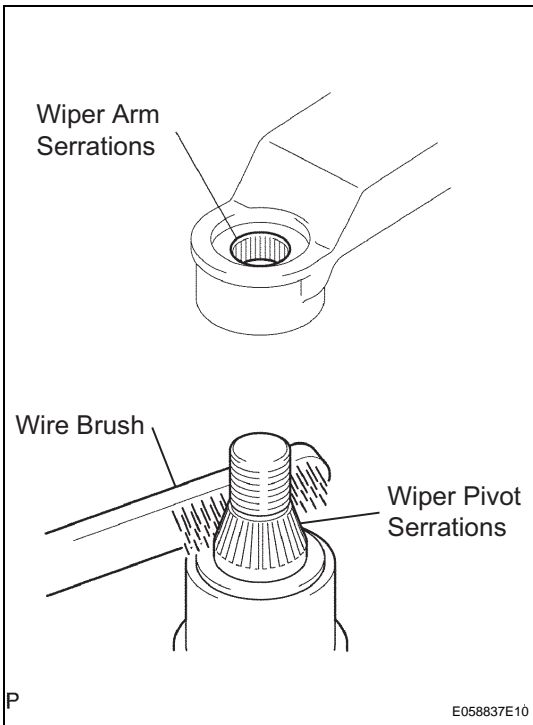
- 6. INSTALL FRONT FENDER SIDE PANEL UPPER LH**
 (a) Engage the 4 claws and install the front fender side panel upper LH.



- 7. INSTALL FRONT FENDER SIDE PANEL UPPER RH**
 (a) Engage the 4 claws and install the front fender side panel upper RH.

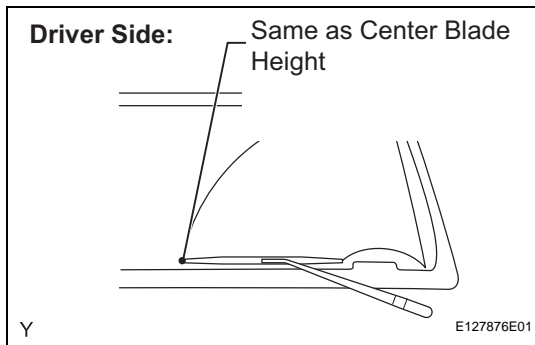


- 8. INSTALL ANTENNA ORNAMENT**
 (a) Press in the antenna ornament in the direction shown in the illustration.
- 9. INSTALL ROOF ANTENNA POLE SUB-ASSEMBLY**
 (See page [AV-116](#))

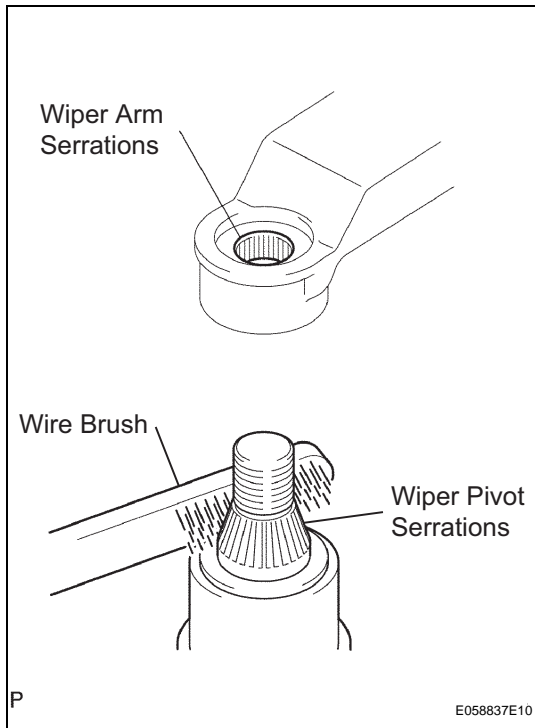


- 10. INSTALL FRONT WIPER ARM AND BLADE ASSEMBLY LH**
 (a) Scrape any metal powder off the serrated part of the wiper arm with a round file or the equivalent (when reinstalling).
 (b) Clean the wiper pivot serrations with a wire brush.
 (c) Operate the wiper, then stop the windshield wiper motor in the automatic stop position.

WW

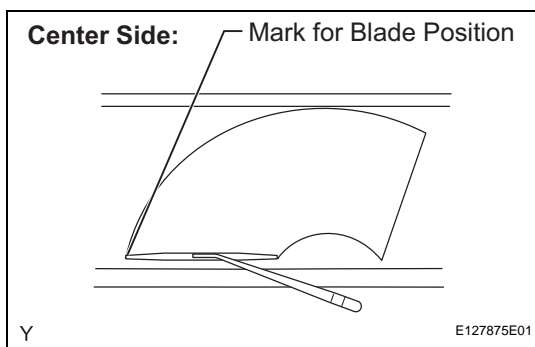


- (d) Align the blade tip with the mark on the windshield glass, as shown in the illustration.
- (e) Tighten the nut of the front wiper arm.
Torque: 25 N*m (255 kgf*cm, 18 ft.*lbf)

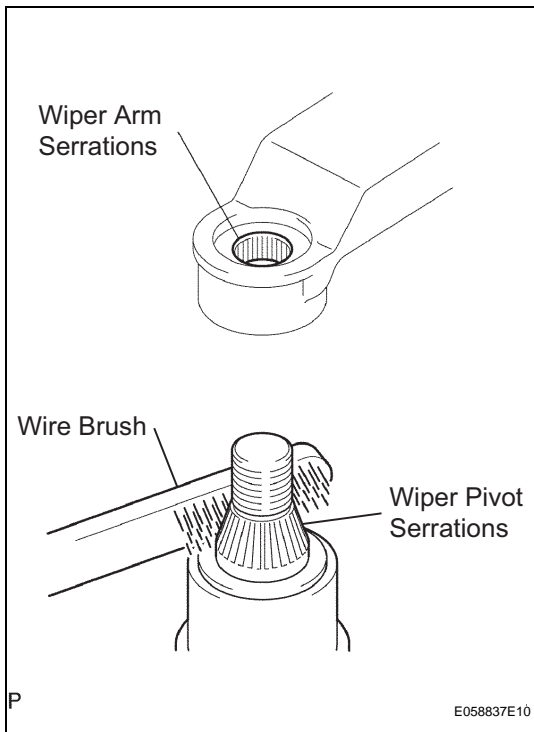


11. INSTALL FRONT WIPER ARM AND BLADE ASSEMBLY RH (CENTER SIDE)

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

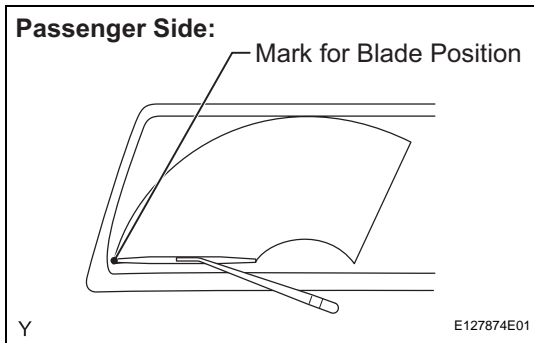


- (d) Align the blade tip with the mark on the windshield glass, as shown in the illustration.
- (e) Tighten the nut of the front wiper arm.
Torque: 25 N*m (255 kgf*cm, 18 ft.*lbf)



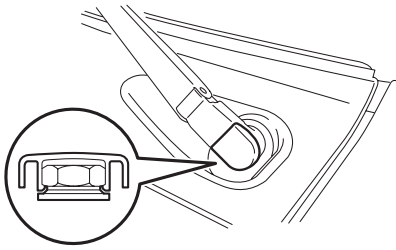
12. INSTALL FRONT WIPER ARM AND BLADE ASSEMBLY RH

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

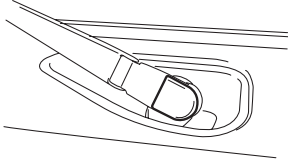


- (d) Align the blade tip with the mark on the windshield glass, as shown in the illustration.
- (e) Tighten the nut of the front wiper arm.
Torque: 25 N*m (255 kgf*cm, 18 ft.*lbf)

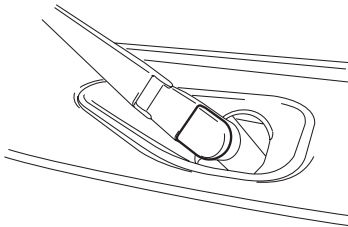
Driver Side:



Center Side:



Passenger Side:



Y

E127877E01

13. INSTALL WINDSHIELD WIPER ARM COVER

- (a) Engage the claw and install the 3 front wiper arm cover.

14. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

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