

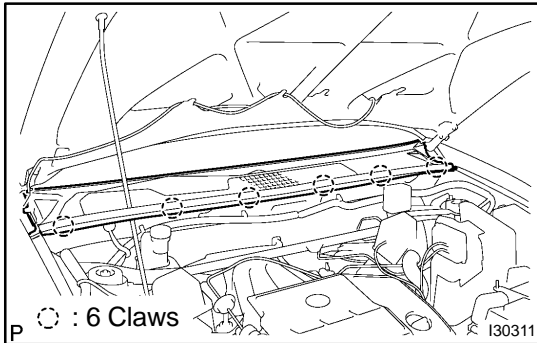
WINDSHIELD WIPER MOTOR ASSY REPLACEMENT

660HP-02

HINT:

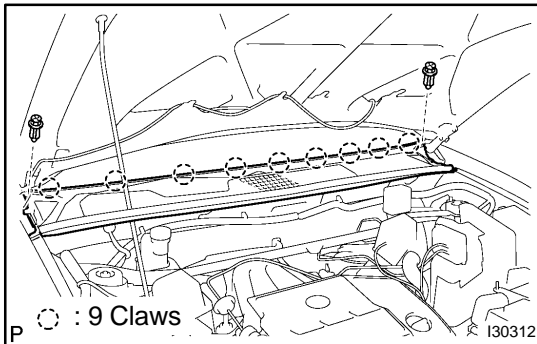
Installation is in the reverse order of removal.

1. **REMOVE WINDSHIELD WIPER ARM COVER**
2. **REMOVE FR WIPER ARM & BLADE ASSY LH**
 - (a) Stop the windshield wiper motor assy at the automatic stop position.
 - (b) Remove the nut and the FR wiper arm & blade assy LH.
3. **REMOVE FR WIPER ARM & BLADE ASSY RH**
 - (a) Remove the nut and the FR wiper arm & blade assy RH.

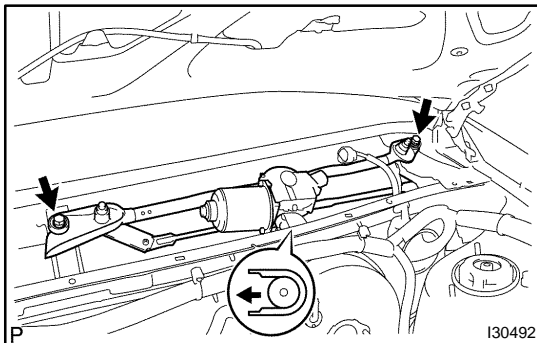


4. REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSY

- (a) Disengage the 6 claws.

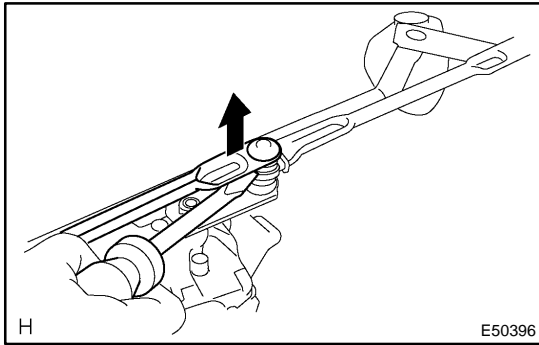


- (b) Remove the 2 clips.
- (c) Disengage the 9 claws, and remove the cowl top ventilator louver sub-assy.



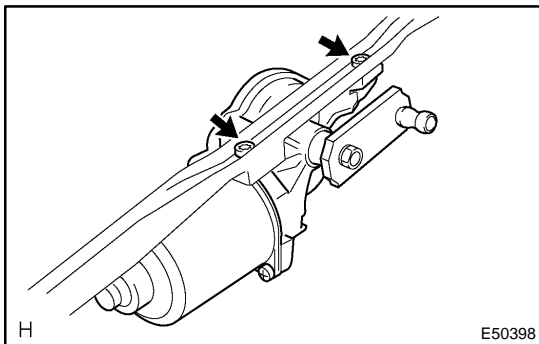
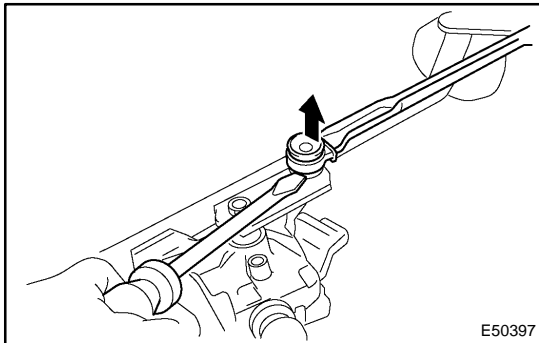
5. REMOVE WINDSHIELD WIPER MOTOR & LINK ASSY

- (a) Disconnect the connector.
- (b) Remove the 2 bolts.
- (c) Remove the windshield wiper motor & link assy by disengaging the pin as shown in the illustration.

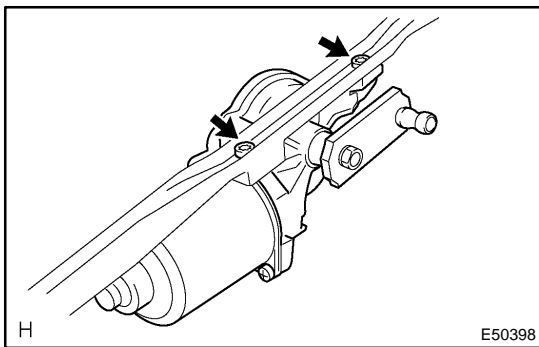


6. REMOVE WINDSHIELD WIPER MOTOR ASSY

- (a) Using a screwdriver, disengage the meshing of the 2 rods at the crank arm pivot of the windshield wiper motor assy.



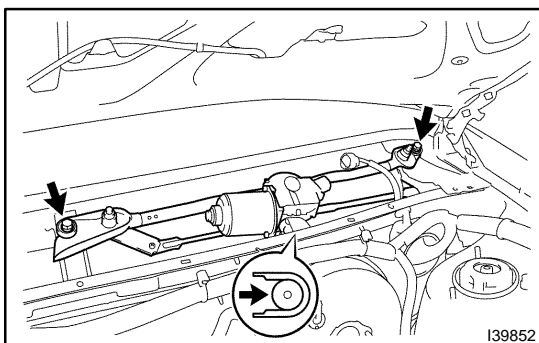
- (b) Using a torx® socket wrench, remove the 2 bolts and the windshield wiper motor assy.



7. INSTALL WINDSHIELD WIPER MOTOR ASSY

- (a) Apply MP grease to the clank arm pivot of the windshield wiper motor assy.
 (b) Using a torx® socket wrench, install the windshield wiper motor assy with the 2 bolts.

Torque: 5.39 N·m (55 kgf·cm, 48 in.-lbf)

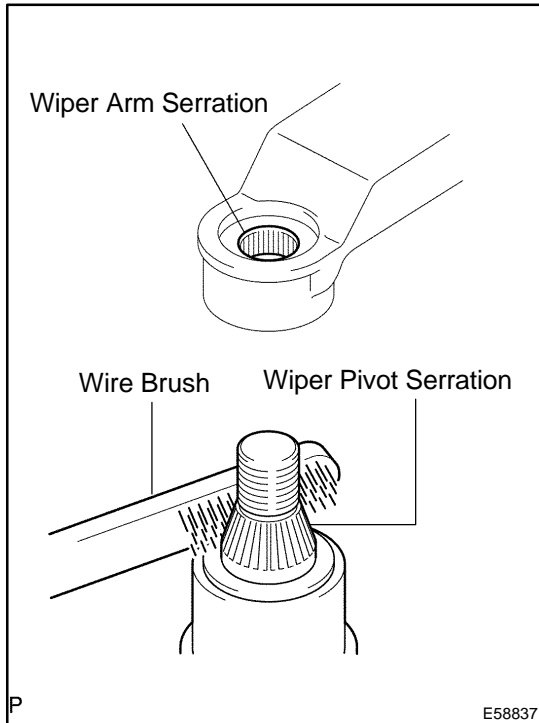


8. INSTALL WINDSHIELD WIPER MOTOR & LINK ASSY

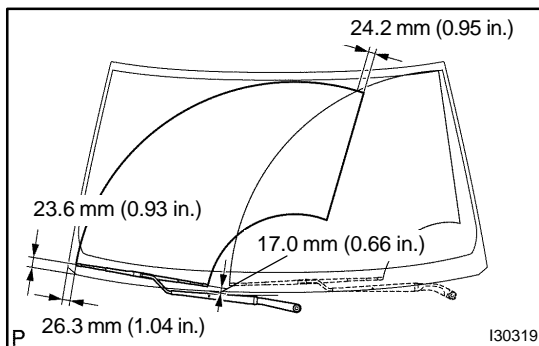
- (a) Temporarily install the windshield wiper & Link assy by engaging the pin.
 (b) Install the windshield wiper motor & link assy with the 2 bolts.
Torque: 7.0 N·m (71 kgf·cm, 61 in.-lbf)
 (c) Connect the connector.

9. INSTALL FR WIPER ARM & BLADE ASSY RH

- (a) Stop the windshield wiper motor assy at the automatic stop position.



- (b) Scrape off the serration part of the wiper arm with a round file or equivalent.
- (c) Clean the wiper pivot serration with a wire brush.

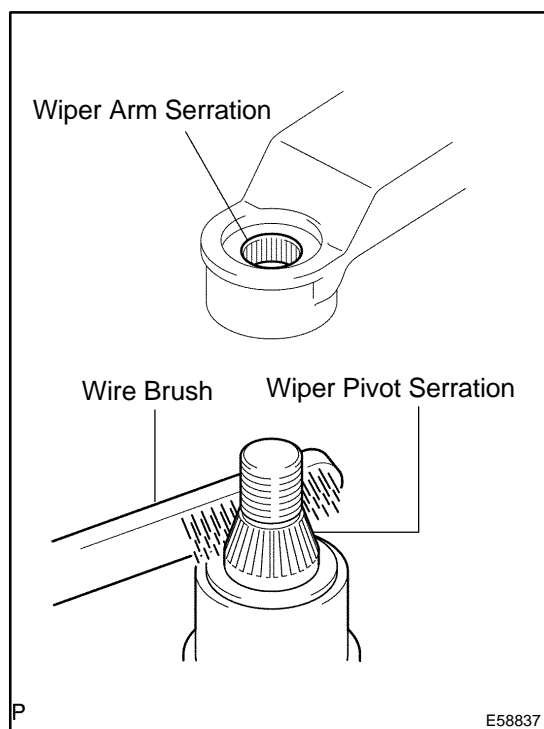


- (d) Install the front wiper arm & blade assy RH with the nut to the position shown in the illustration.

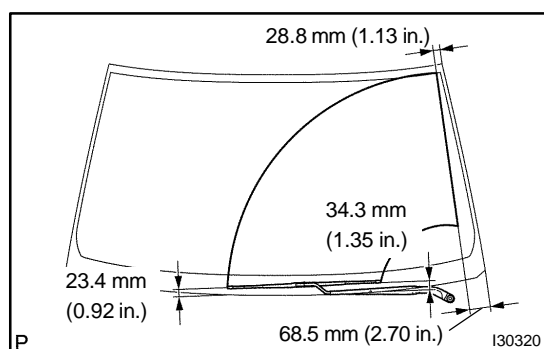
Torque: 24 N·m (245 kgf·cm, 18 ft·lbf)

HINT:

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

**10. INSTALL FR WIPER ARM & BLADE ASSY LH**

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



- (c) Install the front wiper arm & blade assy LH with the 2 nuts to the position shown in the illustration.

Torque: 24 N·m (245 kgf·cm, 18 ft·lbf)

HINT:

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

- (d) Operate the wiper while running water or washer fluid over the window, and check the wiping condition and that the front wiper does not scrape against the body.