WINDSHIELD WIPER MOTOR ASSY

6604Z–01

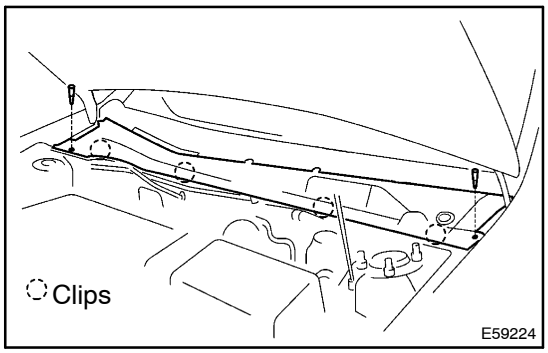
REPLACEMENT

1. REMOVE FRONT WIPER ARM HEAD CAP

2. REMOVE FR WIPER ARM LH

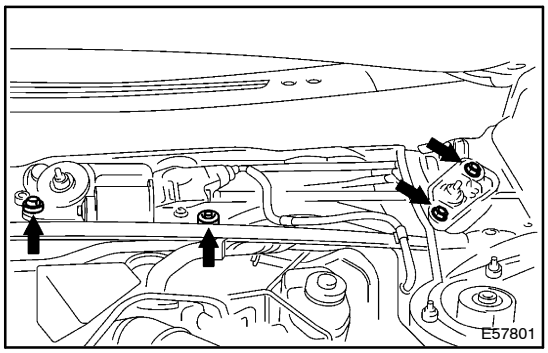
(a) Operate the wiper and stop the windshield wiper motor assy at the automatic stop position.

3. REMOVE FR WIPER ARM RH



4. REMOVE COWL TOP VENTILATOR LOUVER SUB–ASSY

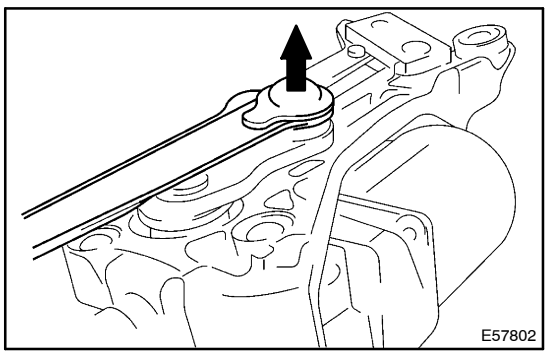
(a) Remove the 6 clips and cowl top ventilator louver sub assy.



5. REMOVE WIPER LINK ASSY

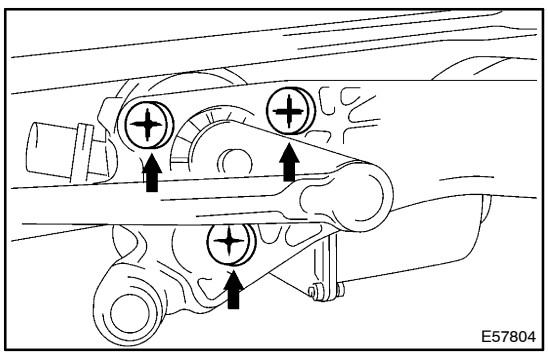
(a) Disconnect the connector.

(b) Remove the 4 bolts and wiper link assy.



6. REMOVE WINDSHIELD WIPER MOTOR ASSY

(a) Disengage the meshing of rod at the clank arm pivot of the windshield wiper motor assy.



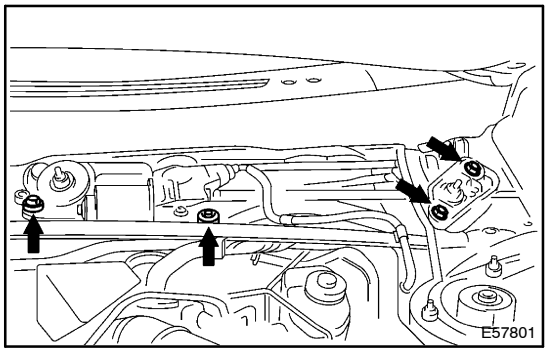
(b) Remove the 3 bolts and windshield wiper motor assy from the windshield wiper link assy.

HINT:

Turning the crank arm by hand prior to the operation will be able to remove the wiper motor easier.

7. INSTALL WINDSHIELD WIPER MOTOR ASSY

(a) Apply grease to the clank arm pivot of the windshield wiper motor assy.
(b) Install the windshield wiper motor assy with the 3 bolts to the windshield wiper link assy.
Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

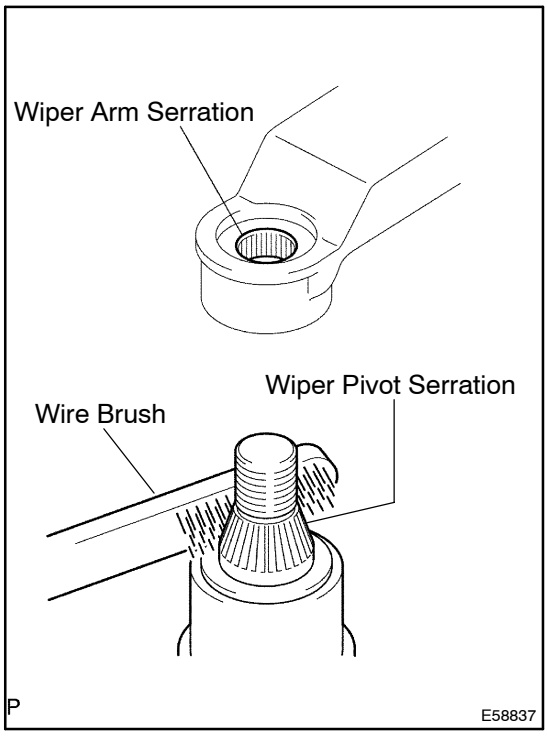


8. INSTALL WIPER LINK ASSY

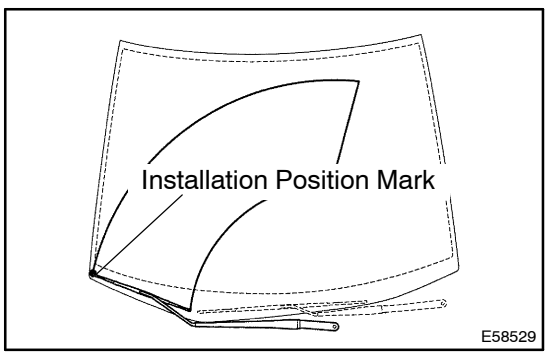
(a) Install the windshield wiper link assy with the 4 bolts.
Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)
(b) Connect the connector.

9. INSTALL FR WIPER ARM RH

(a) Operate the wiper, and stop the windshield wiper motor assy at the automatic stop position.

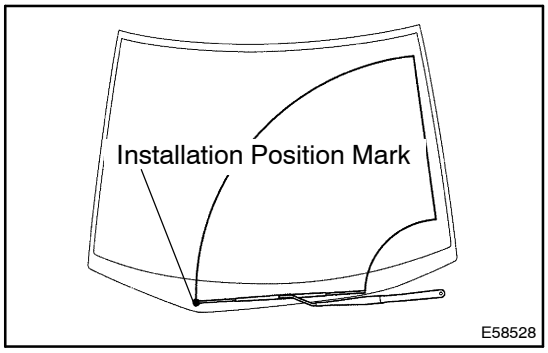


(b) Scrape off the serration part of the wiper arm with a round file or equivalent.
(c) Clean the wiper pivot serration with the wire brush.



(d) Align the FR wiper blade rear end with the mark and install the FR wiper arm RH with the nut.
Torque: 20.1 N·m (205 kgf·cm, 15 ft·lbf)

10. INSTALL FR WIPER ARM LH



(a) Scrape off the serration part of the wiper arm with a round file or equivalent.
(b) Clean the wiper pivot serration with the wire brush.
(c) Align the FR wiper blade front tip with the mark and install the FR wiper arm LH with the nut.
Torque: 20.1 N·m (205 kgf·cm, 15 ft·lbf)
(d) Operate the wiper while running the water or the washer fluid over the window, and check the wiping condition and that the wiper does not hit against the vehicle body.