WINDSHIELD WIPER MOTOR ASSY

660H8–01

REPLACEMENT

1. REMOVE FRONT WIPER ARM HEAD CAP

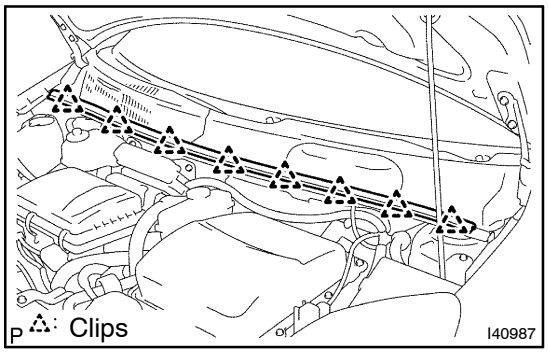
2. REMOVE FRONT WIPER ARM (DRIVER SIDE POSITION)

(a) Remove the nut and the FR wiper arm (driver side).

3. REMOVE FRONT WIPER ARM (PASSENGER SIDE POSITION)

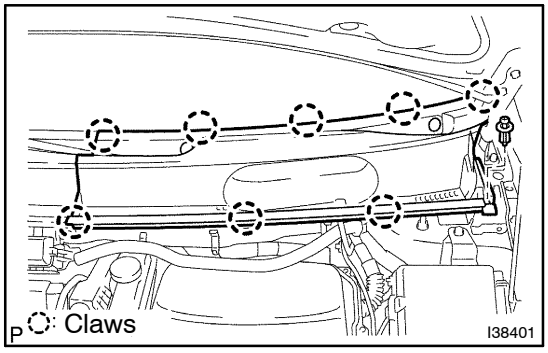
(a) European specifications:
  (1) Remove the nut and the FR wiper arm (passenger side).

(b) Australian specifications:
  (1) Remove the 2 nuts and the front wiper arm (passenger side).



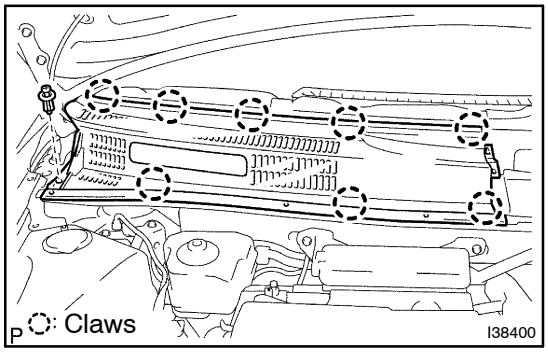
4. REMOVE HOOD TO COWL TOP SEAL

(a) Disengage the 8 clips and remove the hood to cowl top seal.



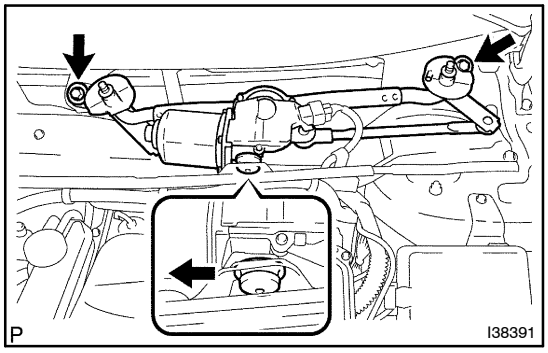
5. REMOVE COWL TOP VENTILATOR LOUVER LH

(a) Disengage the 8 claws and clip, and remove the cowl top ventilator louver LH.



6. REMOVE COWL TOP VENTILATOR LOUVER RH

(a) Disengage the 8 claws and clip, and remove the cowl top ventilator louver RH.



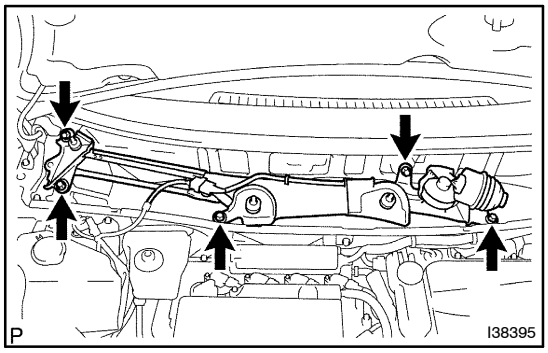
7. REMOVE WINDSHIELD WIPER MOTOR & LINK ASSY

(a) Disconnect the connector.

(b) European specifications:

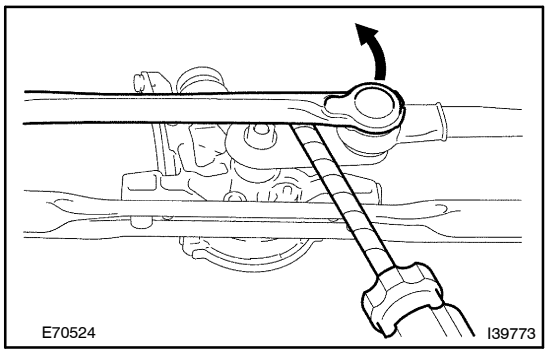
(1) Remove the 2 bolts.

(2) Move the windshield wiper motor & link assy to the left. Disconnect the rubber pin and remove it.



(c) Australian specifications:

(1) Remove the 5 bolts and the windshield wiper motor & link assy.



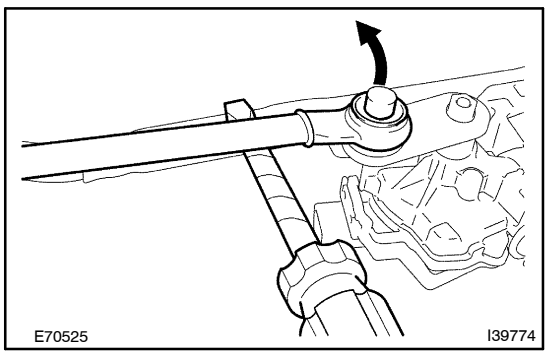
8. REMOVE WINDSHIELD WIPER MOTOR ASSY

(a) European specifications:

(1) Using a flat–head screwdriver, disengage the windshield wiper link arm from the crank arm pivot of the windshield wiper motor assy.

HINT:

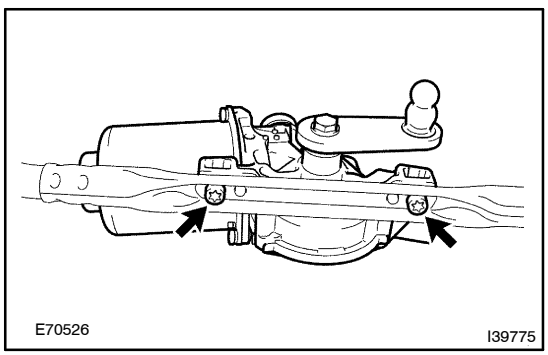
Tape up the screwdriver tip before use.



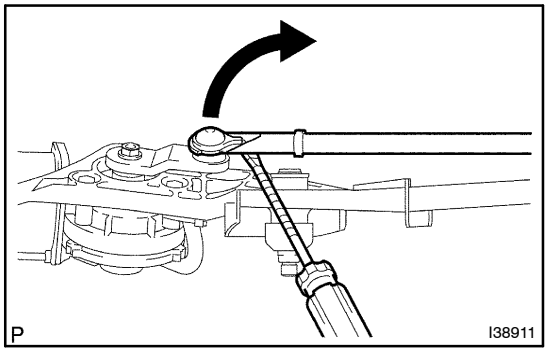
(2) Using a flat–head screwdriver, disengage the windshield wiper link arm from the crank arm pivot of the windshield wiper motor assy.

HINT:

Tape up the screwdriver tip before use.

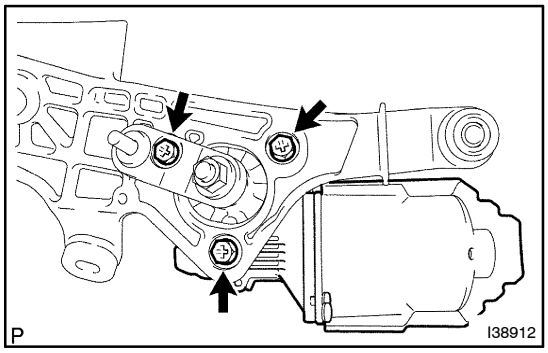


(3) Using a torx socket wrench (T30), remove the 2 bolts. Remove the windshield wiper motor assy from the windshield wiper link assy.

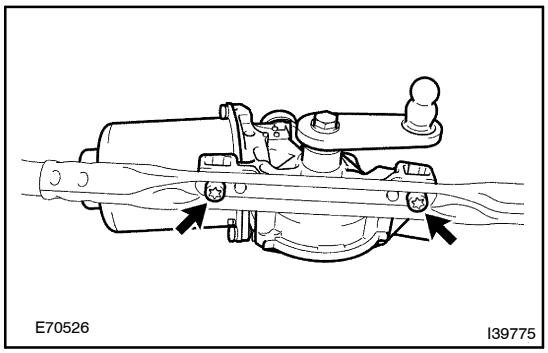


(b) Australian specifications:
(1) Using a flat–head screwdriver, disengage the windshield wiper link arm from the crank arm pivot of the windshield wiper motor assy.

HINT:
Tape up the screwdriver tip before use.



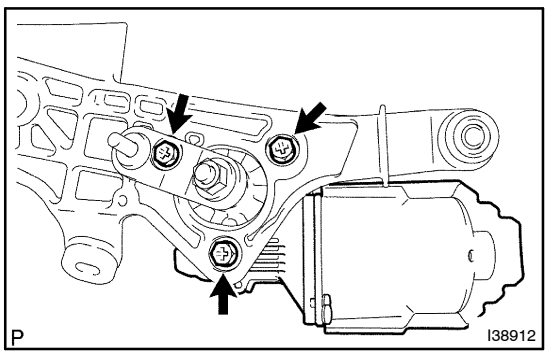
(2) Remove the 3 bolts and the windshield wiper motor assy.



9. INSTALL WINDSHIELD WIPER MOTOR ASSY

(a) European specifications:
(1) Using a torx socket wrench (T30), install the windshield wiper motor assy to the windshield wiper link assy with the 2 bolts.

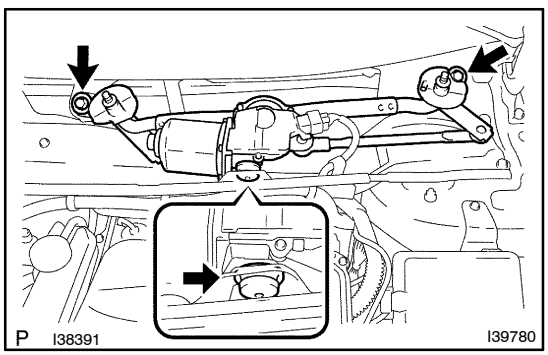
Torque: 7.5 N·m (76 kgf·cm, 66 in.·lbf)



(b) Australian specifications:
(1) Install the windshield wiper motor assy to the windshield wiper link assy with the 3 bolts.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

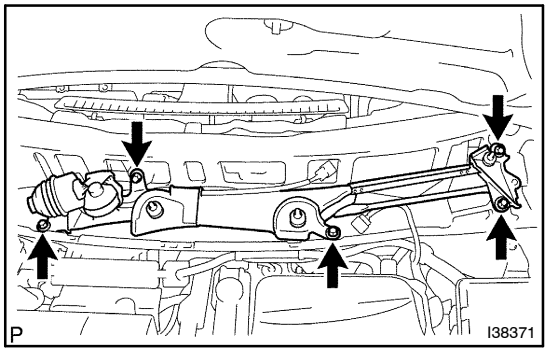
(c) Apply MP grease to the crank arm pivot of the windshield wiper motor assy and install the windshield wiper link arm.



10. INSTALL WINDSHIELD WIPER MOTOR & LINK ASSY

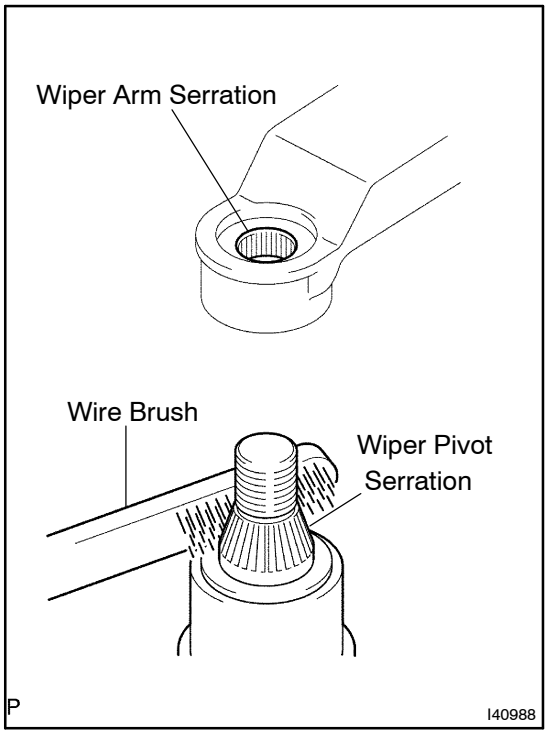
(a) European specifications:
(1) Clip the windshield motor & link assy to the pins.
(2) Install the windshield wiper motor & link assy with the 2 bolts.

Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)



(b) Australian specifications:
(1) Install the windshield wiper link assy with the 5 bolts.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

(c) Connect the connector.

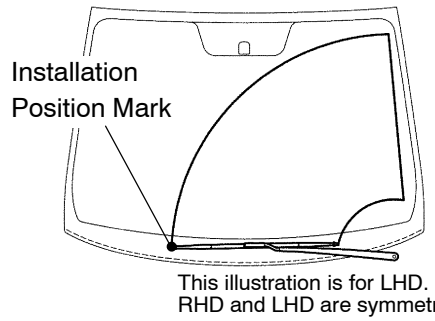


11. INSTALL FRONT WIPER ARM (DRIVER SIDE POSITION)

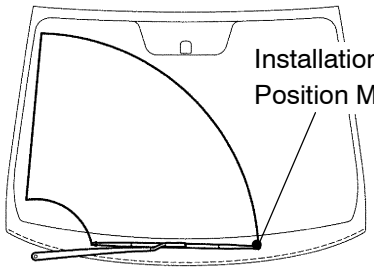
(a) Clean the wiper arm serration with a round file or equivalent (when reinstalling).

(b) Clean the wiper pivot serration with a wire brush.

European specifications:



Australian specifications:



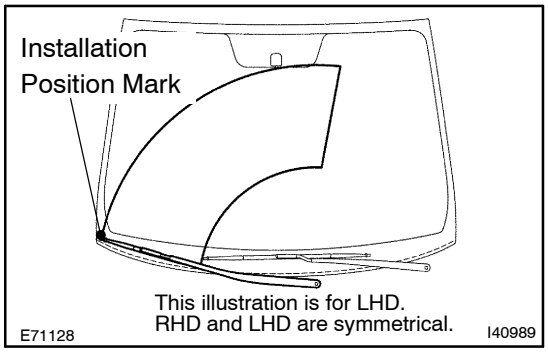
(c) Install the FR wiper arm (driver side) with the nut so that the front wiper blade comes to the position shown in the illustration.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

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

12. INSTALL FRONT WIPER ARM (PASSENGER SIDE POSITION)

(a) Clean the wiper pivot serration with a wire brush.

(b) Clean the wiper arm serration with a round file or equivalent (when reinstalling).



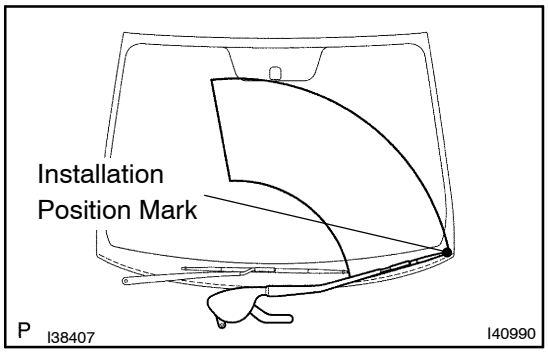
(c) European specifications:

(1) Install the FR wiper arm (passenger side) with the nut so that the front wiper blade comes to the position shown in the illustration.

Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

HINT:

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



(d) Australian specifications:

(1) Install the FR wiper arm (passenger side) with the 2 nuts so that the front wiper blade comes to the position shown in the illustration.

Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

(e) Operate the front wipers while spraying water or washer fluid on the windshield glass. Ensure that the wipers function properly and there is no interference with the body.