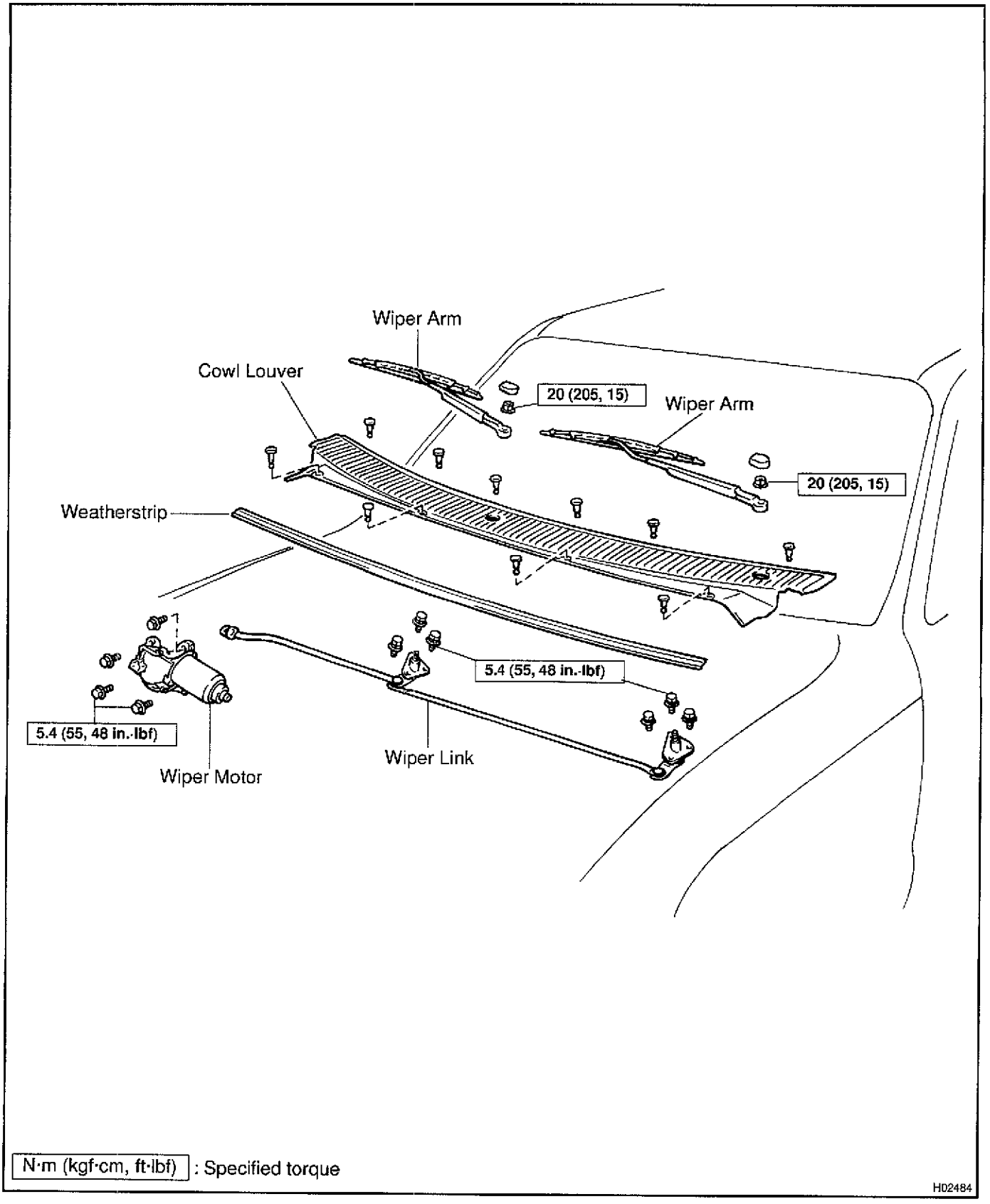
FRONT WIPER AND WASHER

COMPONENTS

BO0A-01



BO01B-01

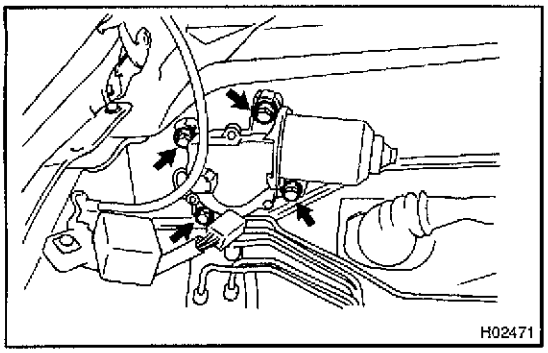
REMOVAL

1. REMOVE THESE PARTS:

(a) Wiper arms

(b) Weatherstrip

(c) Cowl louver



2. REMOVE WIPER MOTOR

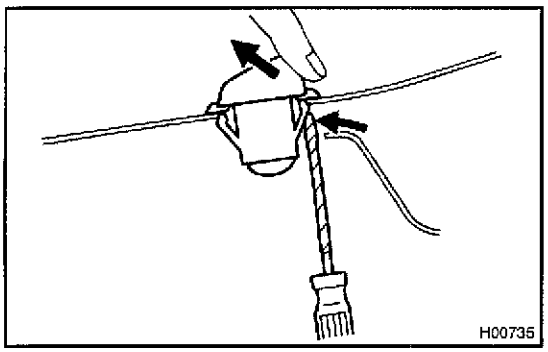
(a) Disconnect the connector, then remove the 4 bolts.

(b) Disconnect the motor from the wiper link and remove it.

3. REMOVE WIPER LINK

(a) Remove the 6 bolts.

(b) Remove the wiper link through the service hole.



4. REMOVE WASHER NOZZLE

(a) w/ Hood Insulator:
Remove the hood insulator.

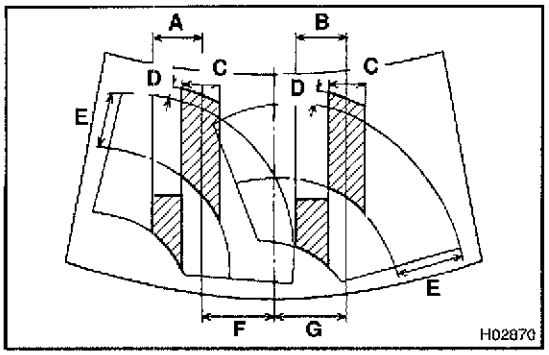
(b) Disconnect the washer hose.

(c) Using a screwdriver, remove the nozzles.

HINT:

Tape the screwdriver tip before use.

BO01C-01



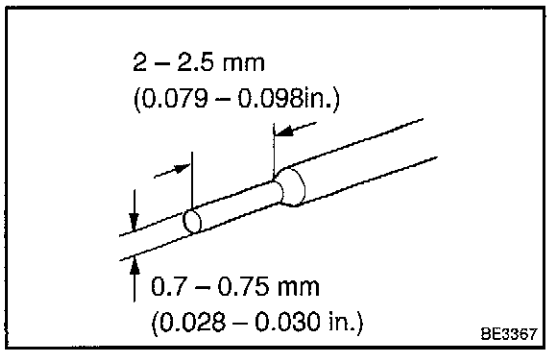
INSPECTION

INSPECT WASHER NOZZLE

(a) While operating the washer, check whether the upper point where the washer fluid hits the windshield and the surge area are within range indicated by the hatched line.

A: Approx. 215mm (8.46 in.)
B: Approx. 190mm (7.48 in.)
C: Approx. 150mm (5.90 in.)
D: Approx. 50mm (1.97 in.)
E: Approx. 210mm (8.27 in.)
F: Approx. 285mm (11.22 in.)
G: Approx. 280mm (11.02 in.)

(b) Check if the lower point where the washer fluid hits the windshield is within the range of the wiping pattern (the area of the glass which is wiped by the wiper blades).



BO6ID-01

ADJUSTMENT

ADJUST WASHER NOZZLE

Using a tool like the one shown in the illustration,change the direction of the nozzle hole to adjust the point where washer fluid hits the windshield.

BO3E-01

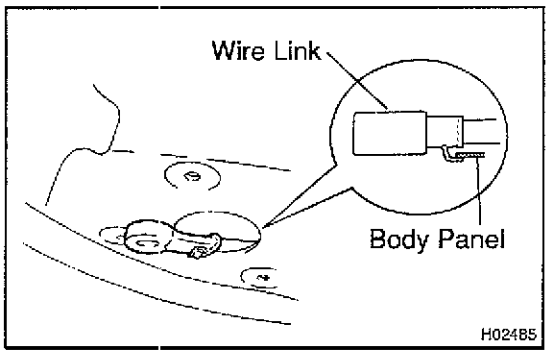
INSTALLATION

1. INSTALL WASHER NOZZLES

2. INSTALL WIPER LINK

Install the wiper link through the service hole, then torque the 6 bolts.

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



HINT:

When installing the wiper link, connect the claw of wiper link to the panel.

3. INSTALL WIPER MOTOR

(a) Install the wiper motor to the wiper link.

(b) Torque the 4 bolts.

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

(c) Connect the connector.

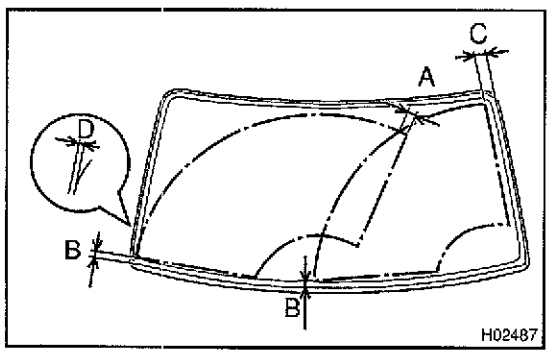
4. INSTALL THESE PARTS:

(a) Cowl louver

(b) Weatherstrip

5. INSTALL WIPER ARMS

(a) Install the wiper arms and tighten the nuts by hand. Operate the wipers once and turn the wiper switch OFF.



(b) LHD:

Adjust the installation positions of the wiper arms to the positions shown in the illustration.

A: Approx. 25 mm (0.98 in.)

B: Approx. 25.6 mm (1.008 in.)

C:

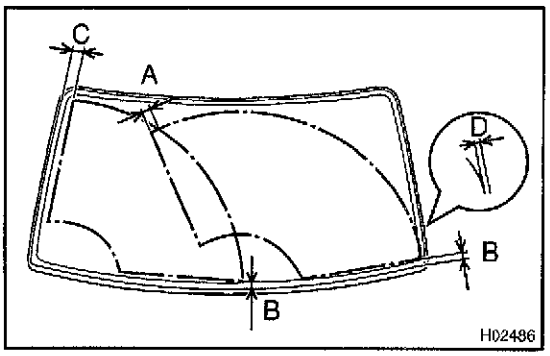
Europe Models: Approx. 53 mm (2.09 in.)

General (2RZ–FE) Models:

Approx. 53 mm (2.09 in.)

Others: Approx. 30 mm (1.19 in.)

D: Approx. 6.5 mm (0.256 in.)



(c) RHD:
Adjust the installation positions of the wiper arms to the positions shown in the illustration.
A: Approx. 25 mm (0.98 in.)
B: Approx. 25.6 mm (1.008 in.)
C:
Europe Models: Approx. 62 mm (2.44 in.)
Except Europe Models: Approx. 40 mm (1.59 in.)
D: Approx. 6.5 mm (0.256 in.)

(d) Torque the 2 nuts.
Torque: 20 N·m (205 kgf·cm, 15 ft·lbf)