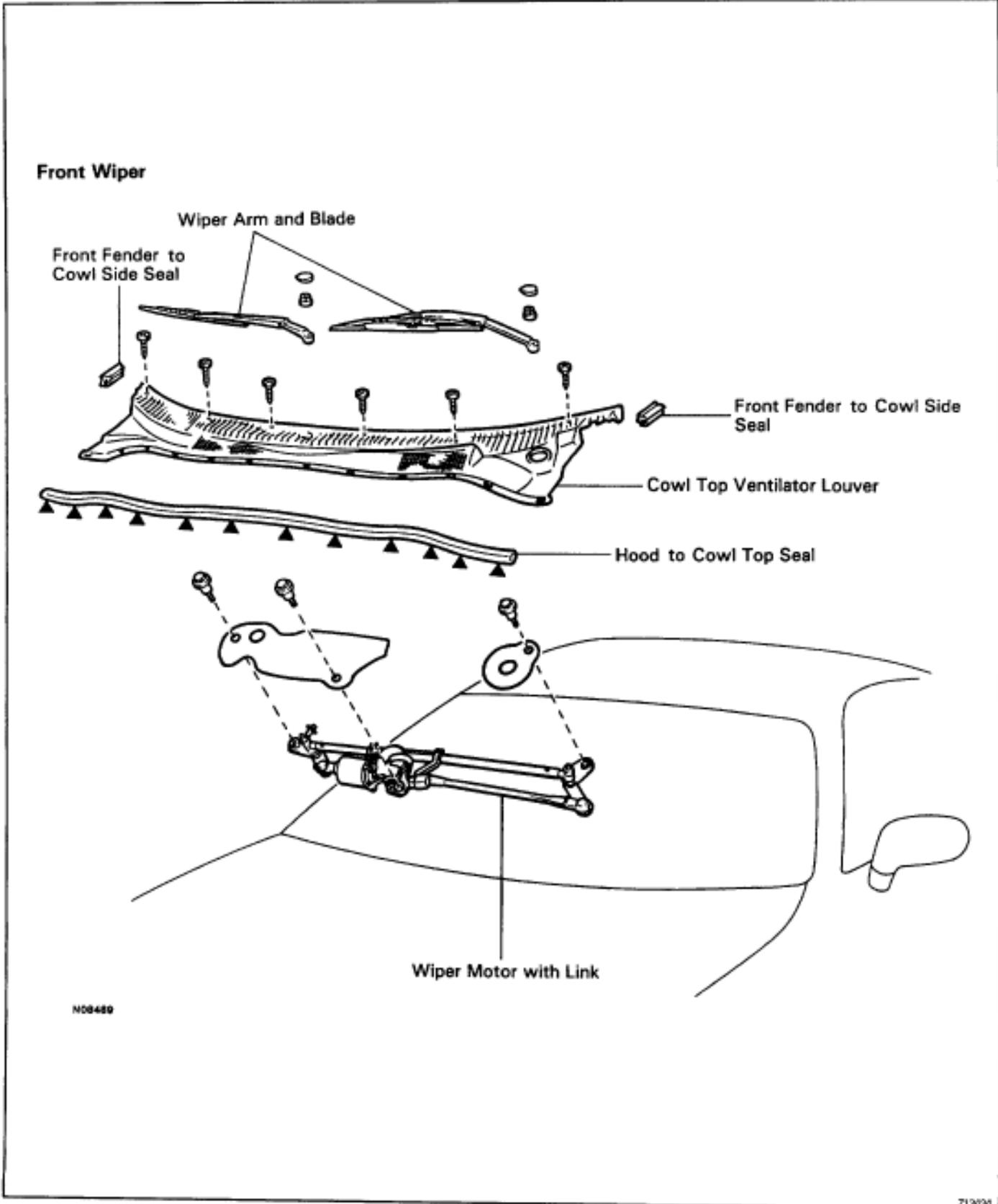
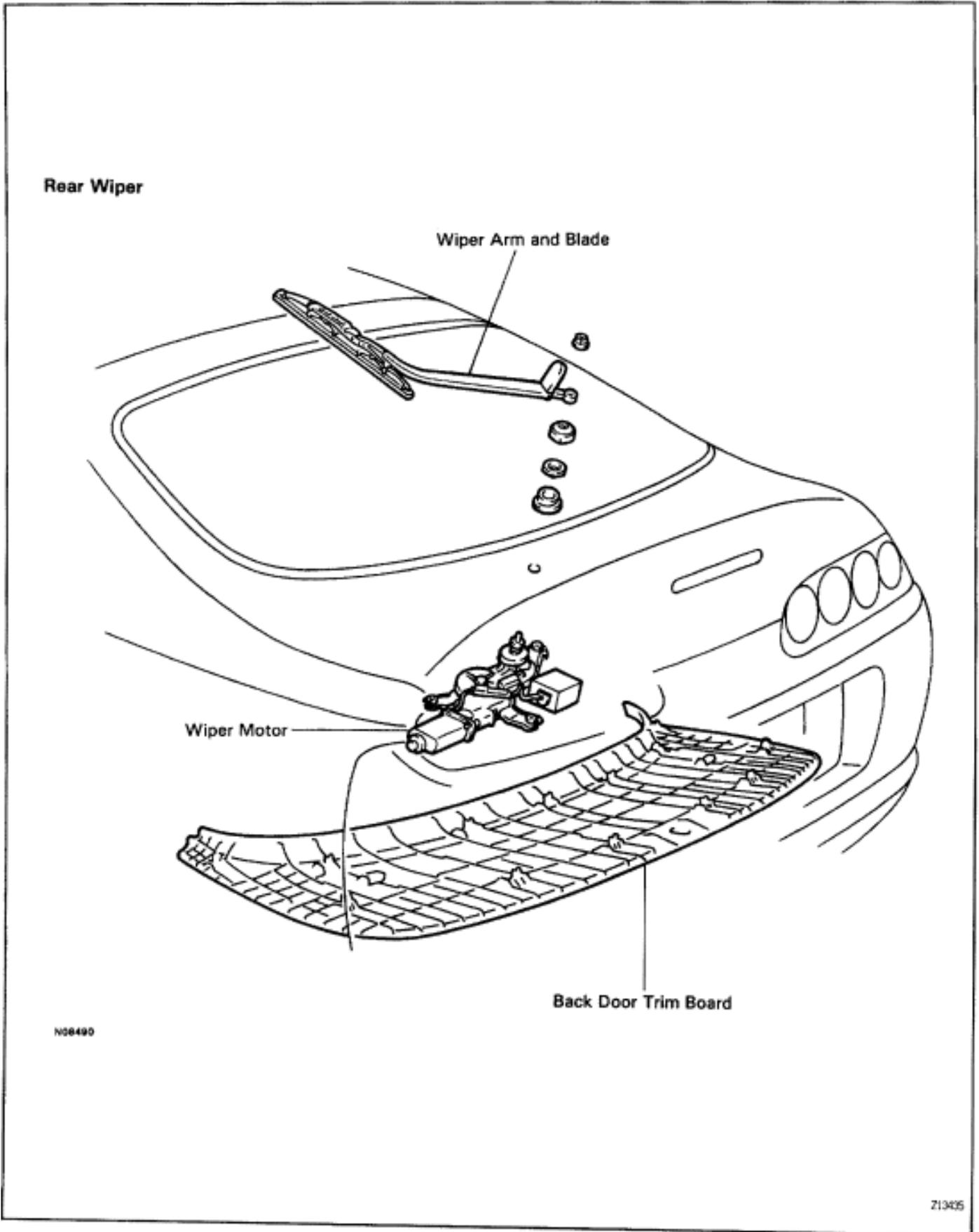


# WIPER AND WASHER COMPONENTS



N08489

# COMPONENTS (Cont'd)



## FRONT WIPER REMOVAL

### 1. REMOVE THESE PARTS:

- (a) Wiper arm and blade
- (b) Cowl top ventilator louver

### 2. REMOVE FRONT WIPER MOTOR

- (a) Disconnect the connector, then unfasten the 3 bolts.
- (b) Remove the wiper motor with the link.

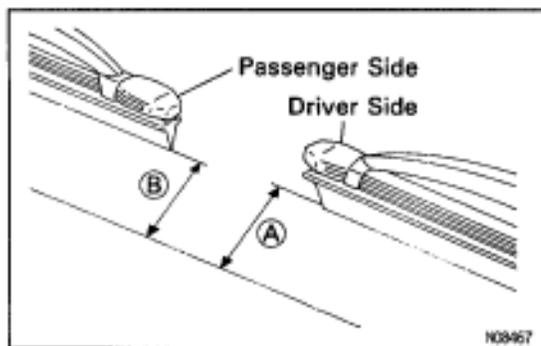
## FRONT WIPER INSTALLATION

### 1. INSTALL THESE PARTS:

- (a) Wiper motor with link
- (b) Cowl top ventilator louver

### 2. INSTALL WIPER ARM AND BLADE

- (a) Install the wiper arms and operate the wipers once and turn the wiper switch OFF.



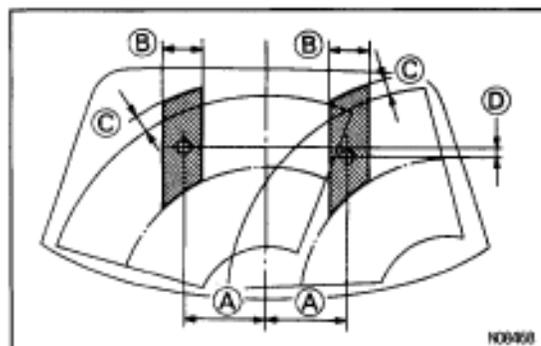
- (b) Adjust the installation positions of the wiper arms to the positions shown in the illustration.

(A) **Approx. 32.4 mm (1.28 in.)**

(B) **Approx. 33.7 mm (1.33 in.)**

- (c) Torque the nut.

**Torque: 22 N·m (225 kgf·cm, 16 ft·lbf)**



## FRONT WASHER NOZZLE ADJUSTMENT

### 1. INSPECT FRONT WASHER NOZZLE

- (a) While operating the washer, check that both the point where the washer fluid from the upper nozzles hits the windshield, and the up surge area, are within the range indicated by the hatched line.

(A) **Approx. 275 mm (10.8 in.)**

(B) **Approx. 150 mm (5.9 in.)**

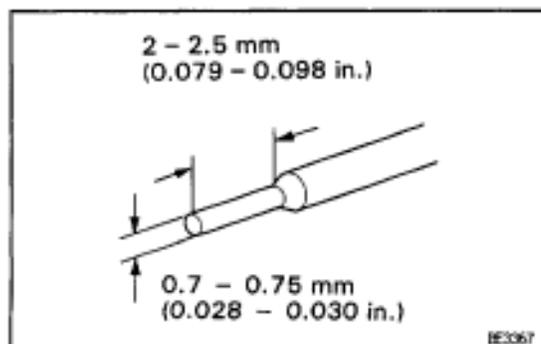
(C) **Approx. 50 mm (2.0 in.)**

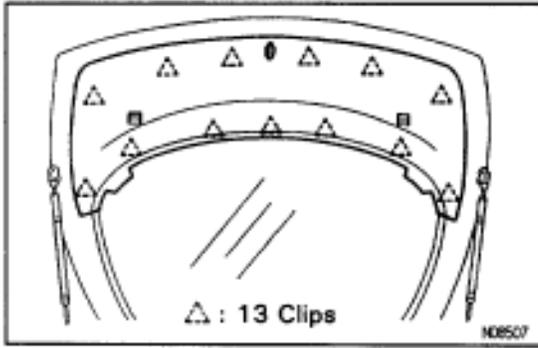
(D) **Within 100 mm (3.9 in.)**

- (b) Ensure that 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).

### 2. ADJUST FRONT WASHER NOZZLE

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



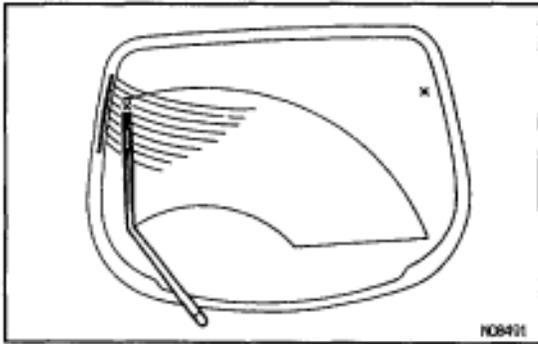


## REAR WIPER REMOVAL

1. REMOVE WIPER ARM AND BLADE
2. REMOVE BACK DOOR TRIM BOARD
3. REMOVE WIPER MOTOR ASSEMBLY
  - (a) Disconnect the connector, then unfasten the 3 bolts.
  - (b) Remove the motor.

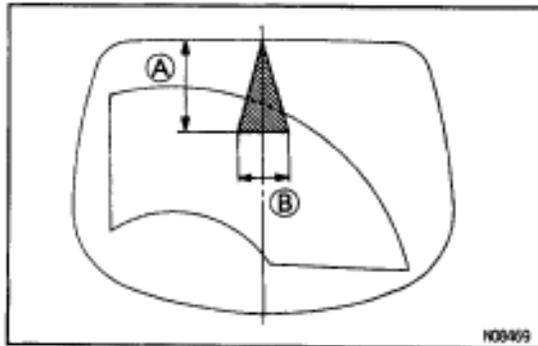
## REAR WIPER INSTALLATION

1. INSTALL THESE PARTS:
  - (a) Wiper motor
  - (b) Back door trim board
2. INSTALL WIPER ARM AND BLADE
  - (a) Install the wiper arm and operate the wiper once and turn the wiper switch OFF.



- (b) Adjust the top of the wiper blade to the installation mark printed on the glass.
- (c) Torque the nut.
 

**Torque: 11 N·m (110 kgf·cm, 8.0 ft·lbf)**



## REAR WASHER NOZZLE ADJUSTMENT

1. INSPECT REAR WASHER NOZZLE
 

While operating the washer, check that the point where the washer fluid hits the back door glass is within the range indicated by the hatched line.

(A) **Approx. 300 mm (11.8 in.)**

(B) **Approx. 150 mm (5.9 in.)**
2. ADJUST REAR WASHER NOZZLE
 

(See step 2 on page [BO-21](#))