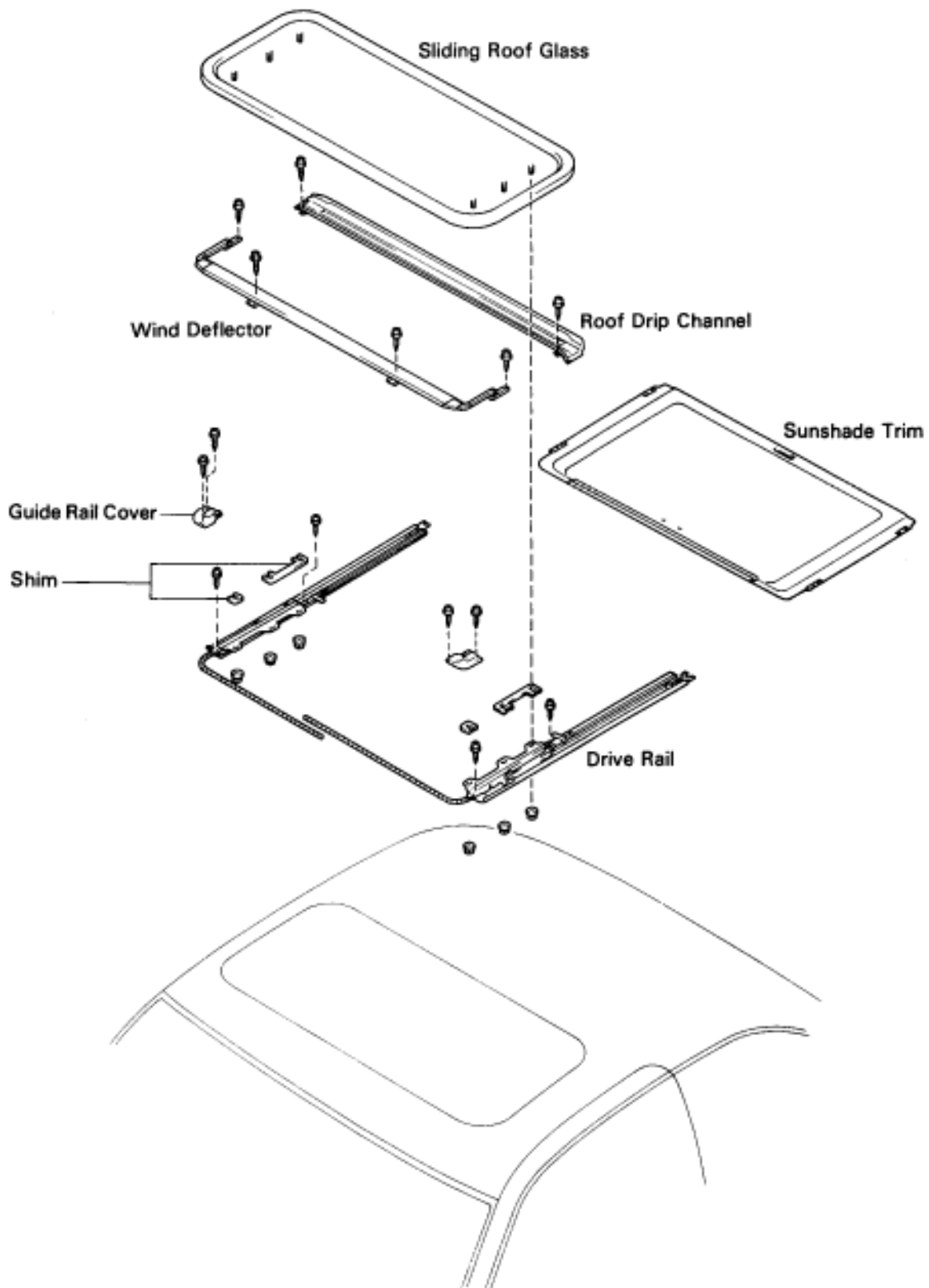
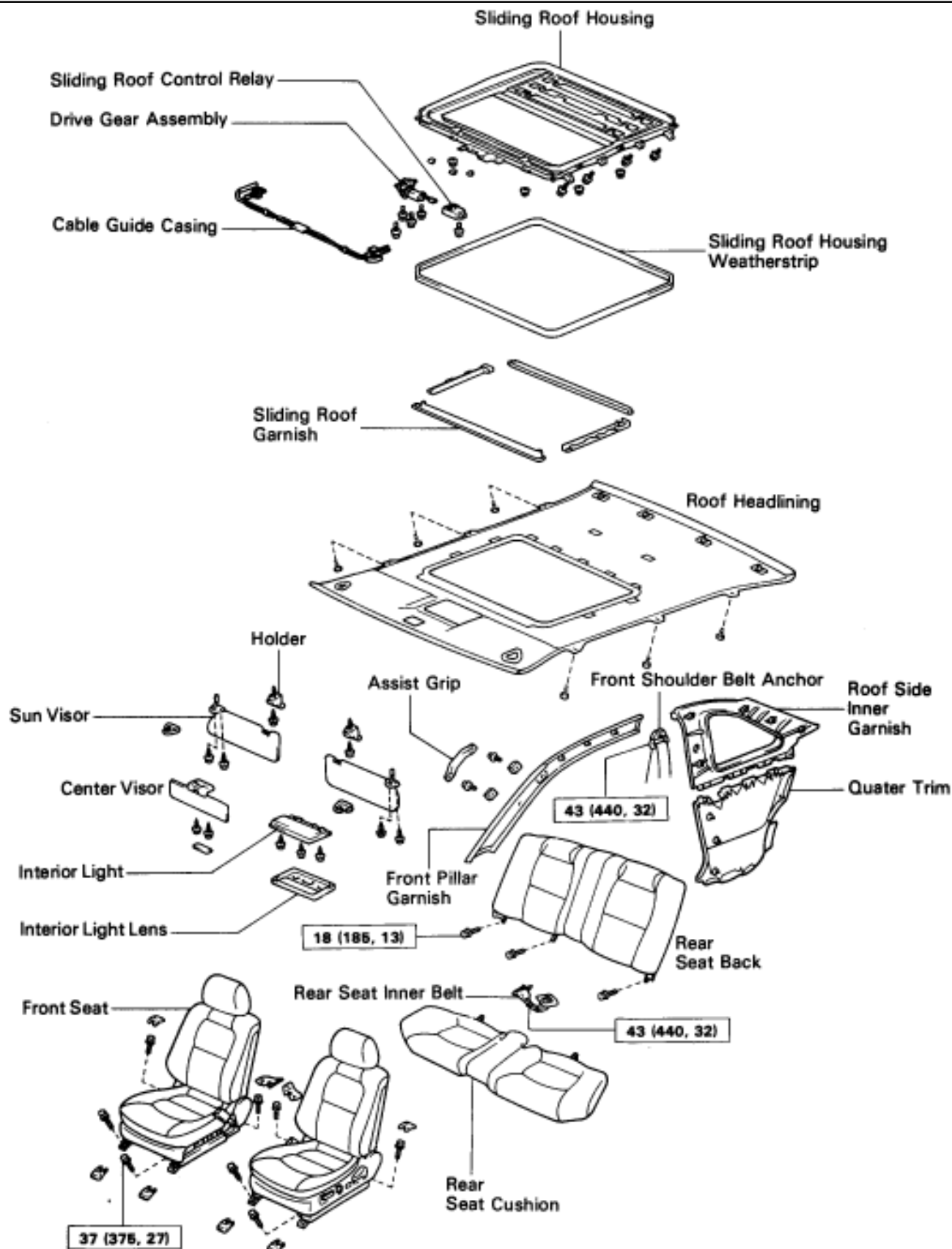


## Sliding Roof COMPONENTS



## COMPONENTS (Cont'd)



N·m (kgf·cm, ft·lbf) : Specified torque

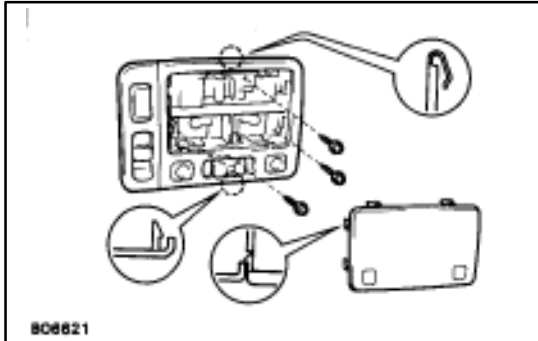
## REMOVAL OF SLIDING ROOF

(See page [BO-84](#))

### 1. DISCONNECT BATTERY CABLE FROM NEGATIVE TERMINAL

CAUTION: Work must be started after approx. 20 seconds or longer from the time the ignition switch is turned to the "LOCK" position and the negative (–) terminal cable is disconnected from the battery.

### 2. REMOVE INTERIOR LIGHT



(a) Using a screwdriver, remove interior light lens.

HINT: Tape the screwdriver tip before use.

(b) Remove three screws and the light.

(c) Disconnect the connector.

### 3. REMOVE FOLLOWING PARTS:

(a) Front pillar garnish (See step 2 on page [BO-123](#))

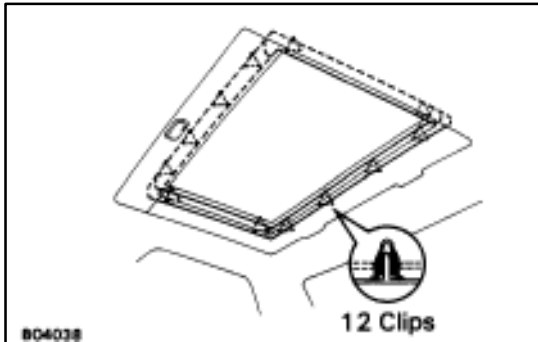
(b) Sun visor (See step 3 on page [BO-123](#))

(c) Center visor (See step 4 on page [BO-123](#))

### 4. REMOVE SLIDING ROOF GARNISHES

Using a screwdriver, remove four sliding roof garnishes.

HINT: Do not scratch the glass or garnish with the screwdriver. Tape the screwdriver tip before use.

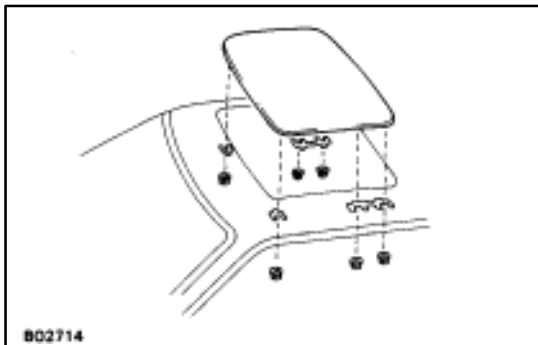


### 5. REMOVE SLIDING ROOF GLASS

(a) Remove six nuts and shims.

HINT: Make sure of the number of shims.

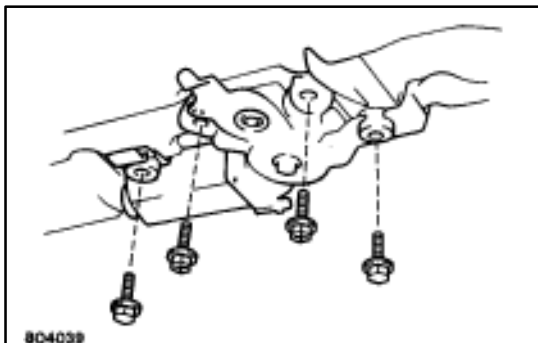
(b) Pull the glass upward to remove it.

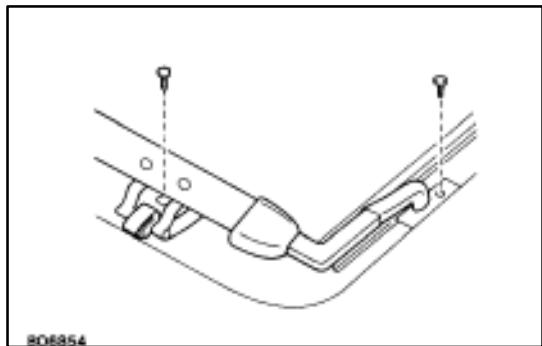


### 6. REMOVE DRIVE GEAR ASSEMBLY

(a) Remove four bolts and the gear assembly.

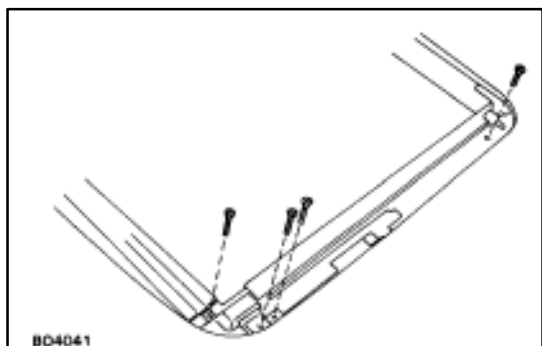
(b) Disconnect the connectors from the gear.





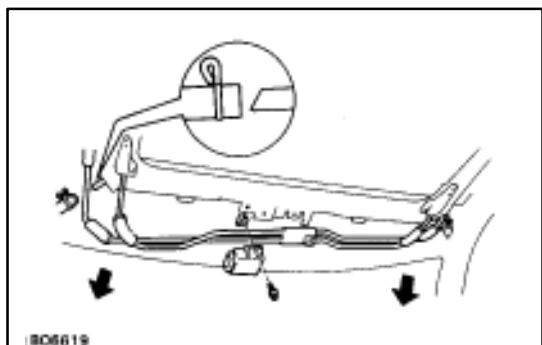
## 7. REMOVE WIND DEFLECTOR

- (a) Slide the drive cable backward.
- (b) Remove four screws and the deflector.



## 8. REMOVE CABLE GUIDE CASING

- (a) Remove two screws and the guide rail cover.
- (b) Remove two screws from the drive rail.
- (c) Slide the drive cable forward.



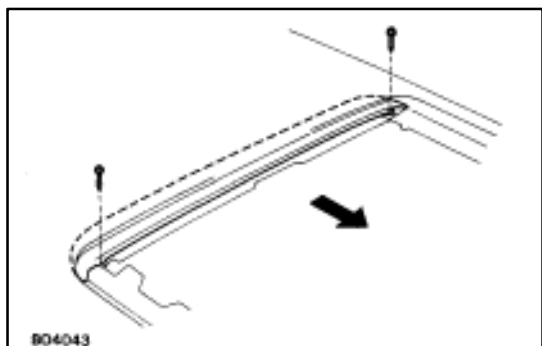
- (d) Pull down the roof handlining.

- (e) Disconnect front side of the drain hose.

HINT: Disconnect the drain hose from the sliding roof housing side.

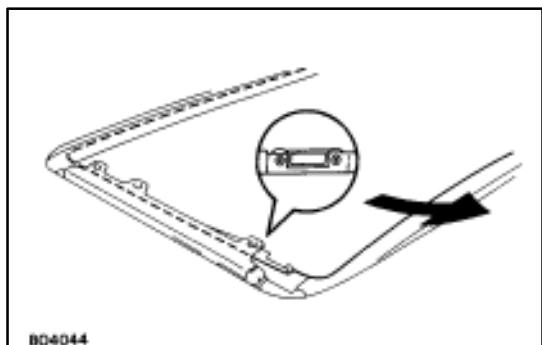
- (f) Remove the sliding roof control relay.
- (g) Remove the two nuts from the sliding roof housing.
- (h) Remove the cable guide casing gradually from both sides.

**NOTICE:** Be careful that the oily cable doesn't fall off.



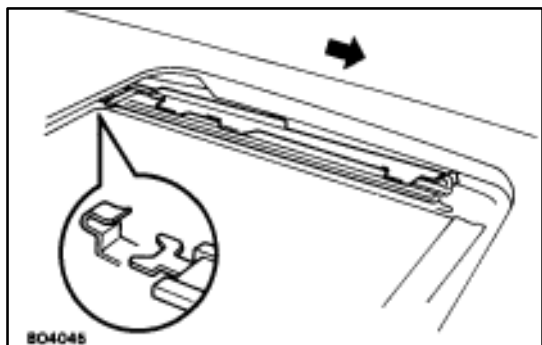
## 9. REMOVE ROOF DRIP CHANNEL

- (a) Remove two screws.
- (b) Pull the channel forward to remove it.



## 10. REMOVE SUNSHADE TRIM

While raising the drive rail, pull the trim forward to remove it.



## 11. REMOVE DRIVE RAIL

- Slide the drive cable forward.
- Slide the rail forward and disconnect the clamp, then remove it.

# INSTALLATION OF SLIDING ROOF

(See pages [BO-83](#) to 84)

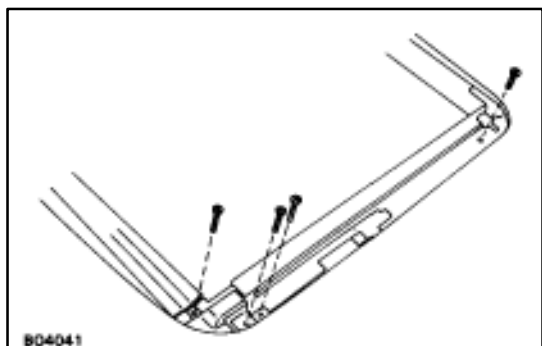
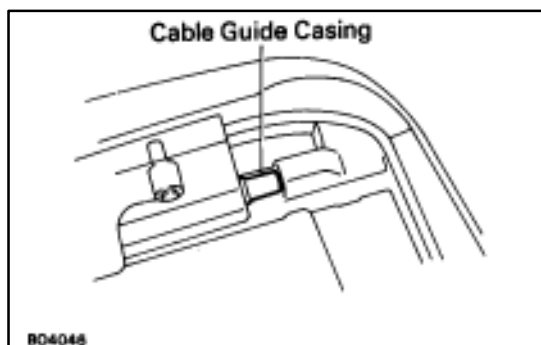
## 1. INSTALL FOLLOWING PARTS:

- Drive rail
- Sunshade trim
- Roof drip channel

## 2. INSTALL CABLE GUIDE CASING

- Insert the cable to the casing and install the cable guide casing gradually to both sides.
- Insert the casing to the drive rail as shown.
- Install the two nuts to the sliding roof housing.
- Install the sliding roof control relay.
- Connect the front side of drain hose.

HINT: Place the knobs of clips to upper side.



- Install two screws and guide rail cover.
- Install two screws to the drive rail.

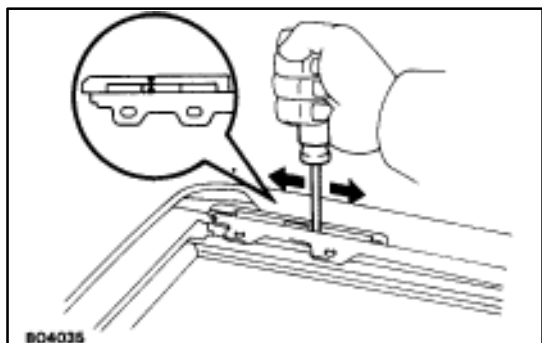
## 3. INSTALL ROOF DRIP CHANNEL

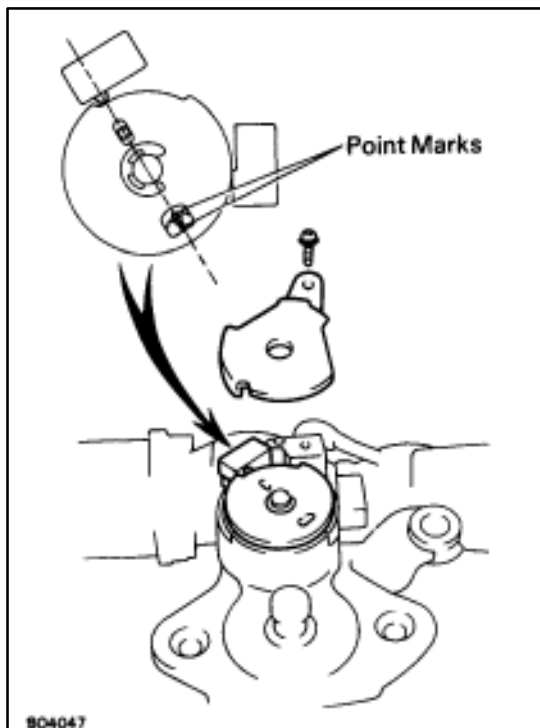
## 4. INSTALL WIND DEFLECTOR

## 5. ADJUST DRIVE RAIL

HINT: Adjust the drive rail to a closed and tilted down position.

- Using a screwdriver, slide the link forward or backward to align the two marks as shown.
- Slide the bracket to the forefront with your hand.



**6. ADJUST AND INSTALL DRIVE GEAR ASSEMBLY**

- (a) Remove the screw and cam plate cover.
- (b) Remove the large screw, washers and shims.
- (c) Turn the drive shaft by screwdriver to align the housing and gear point mark as shown.
- (d) Install cam plate cover with a screw.
- (e) Install the drive gear assembly with four bolts.
- (f) Connect the connectors.

**7. INSTALL SLIDING GLASS****HINT:**

- Confirm that the lip part of the weatherstrip housing is not twisted.
- Confirm that the clearance between the left and right of the sliding roof glass and roof panel are equal.

Install six nuts and shims.

**8. INSPECT SLIDING ROOF GLASS ALIGNMENT**

(See step 1 on page [BO-81](#))

**9. INSTALL FOLLOWING PARTS:**

- (a) Sliding roof garnishes
- (b) Roof headlining
- (c) Sun visor
- (d) Center visor
- (e) Front pillar garnish
- (f) Interior light

## REMOVAL OF SLIDING ROOF HOUSING

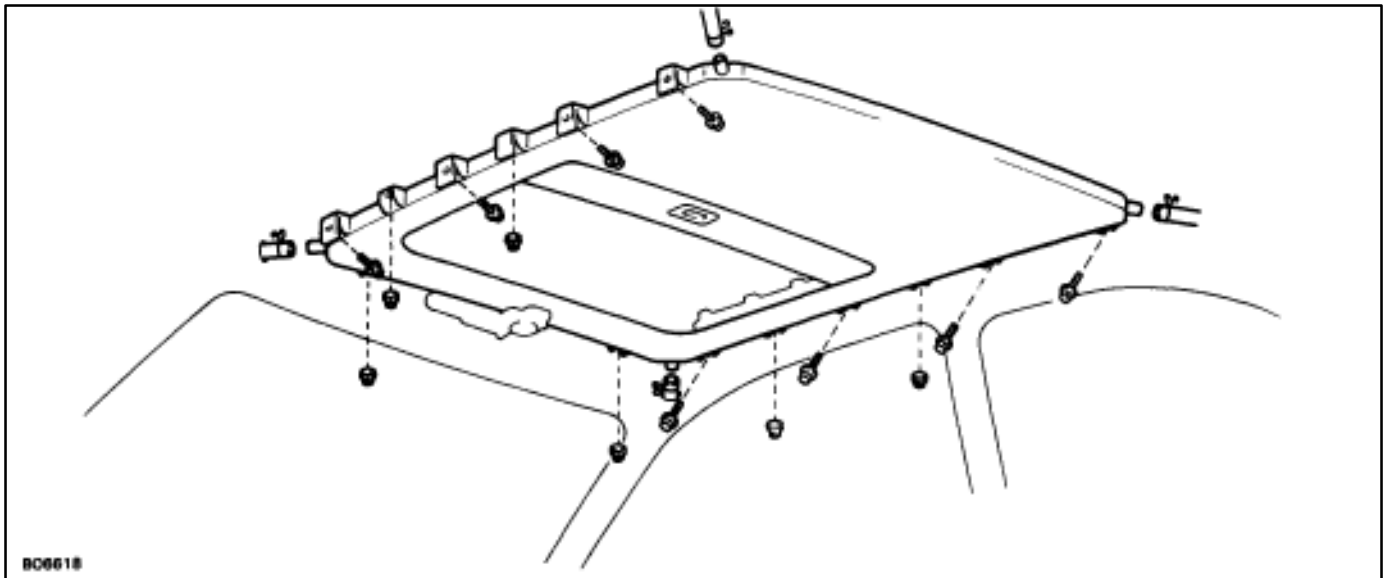
(See pages [BO-85](#) to [87](#))

### 1. REMOVE FOLLOWING PARTS:

- (a) Interior light (See step 2 on page [BO-85](#))
- (b) Front pillar garnish (See step 2 on page [BO-123](#))
- (c) Rear seat cushion, rear seat back  
(See steps 1 to 2 on page [BO-66](#))
- (d) Roof side inner garnish (See step 8 on page [BO-124](#))
- (e) Center visor (See step 4 on page [BO-123](#))
- (f) Shoulder belt anchor (See step 7 on page [BO-123](#))
- (g) Sun visor (See step 3 on page [BO-123](#))
- (h) Sliding roof garnishes (See step 4 on page [BO-85](#))
- (i) Roof headlining (See step 2 on page [BO-121](#))
- (j) Sliding roof glass (See step 5 on page [BO-85](#))
- (k) Quarter trim (See step 7 on page [BO-123](#))

### 2. REMOVE SLIDING ROOF HOUSING

- (a) Disconnect the four drain hoses from the housing.
- (b) Disconnect the connectors.
- (c) Remove eight bolts.
- (d) While supporting the housing, remove six nuts and the housing.



### 3. REMOVE FOLLOWING PARTS:

- (a) Drive gear assembly (See step 6 on page [BO-85](#))
- (b) Sliding roof control relay
- (c) Wind deflector (See step 7 on page [BO-86](#))
- (d) Cable guide casing (See step 8 on page [BO-86](#))
- (e) Roof drip channel (See step 9 on page [BO-86](#))
- (f) Sunshade trim (See step 10 on page [BO-86](#))
- (g) Drive rail (See step 11 on page [BO-87](#))

## INSTALLATION OF SLIDING ROOF HOUSING

(See pages [BO-85](#) to 87)

### 1. INSTALL SLIDING ROOF PARTS BY FOLLOWING REMOVAL SEQUENCE IN REVERSE

HINT: When installing the sliding roof housing weatherstrip, make sure that there is no clearance in either lip of the weatherstrip.

### 2. TORQUE FOLLOWING BOLTS:

(a) Rear seat back

**Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)**

(b) Rear seat inner belt

**Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)**

(c) Front seat belt shoulder anchor bolt

**Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)**