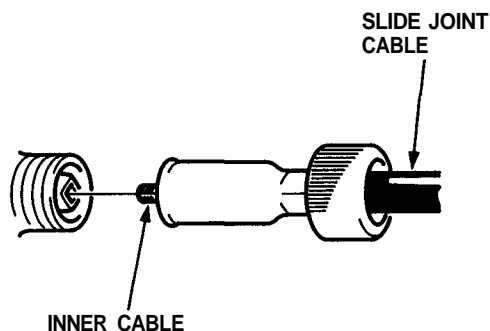
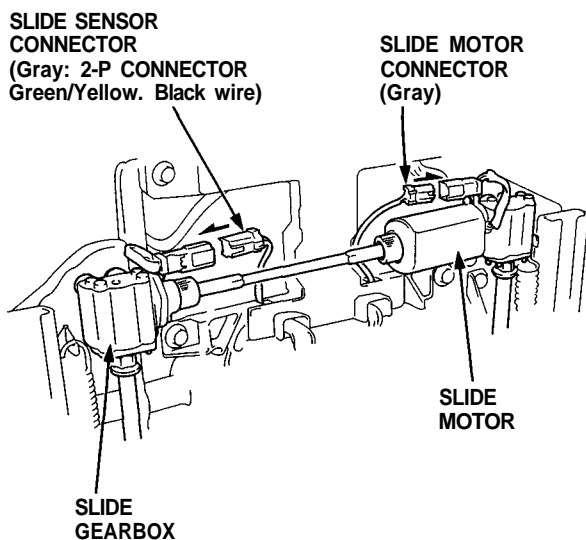




- When installing the slide joint cable, set the inner cable securely.



- Make sure the connectors are connected properly.



- Check the slide motor and slide gearbox operations.

## Front and Rear Up-down Motors Replacement

**CAUTION:** Wear gloves to remove and install the front and rear up-down motors.

### NOTE:

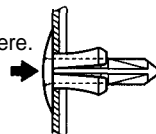
- Take care not to scratch the seat covers.
- To remove the rear up-down motor, elevate the seat cushion at the rear.
- Remove the front seat (see page 20-47).
- Remove the seat cushion (see page 20-47).

1. Remove the harness protector from the slide/up-down adjuster.

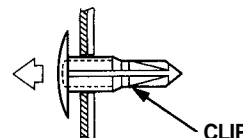
### ▷ : Clip locations, 2

-1)

Push here.

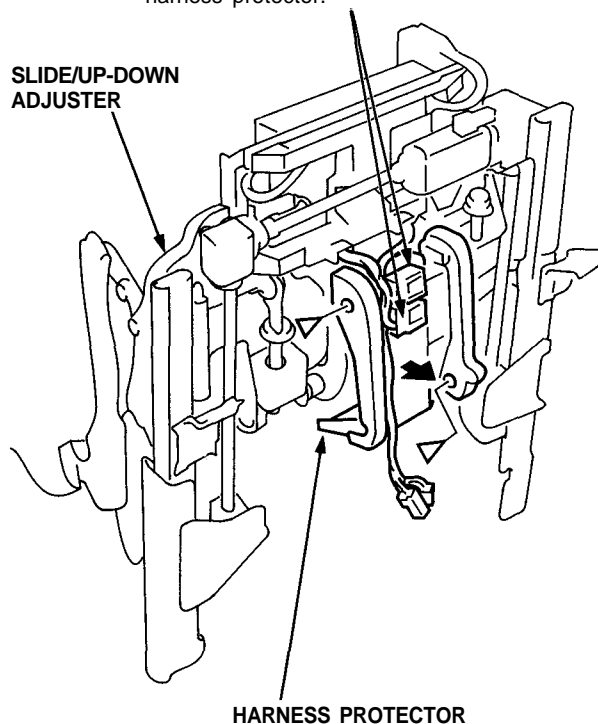


-2) Detach the clip by pulling it.



Detach the connectors from the harness protector.

SLIDE/UP-DOWN ADJUSTER

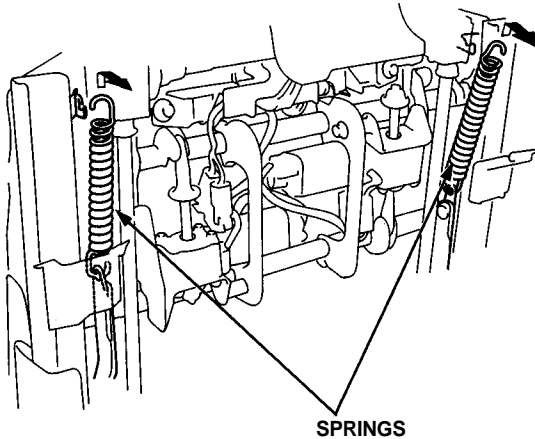


(cont'd)

# Front Seat Linkage

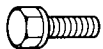
## Front and Rear Up-down Motors Replacement (cont'd)

2. Remove the springs.



3. Remove the plate from the slide/up-down adjuster.

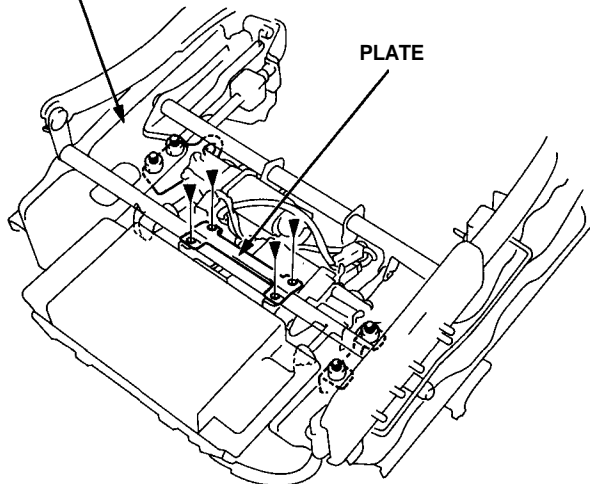
►: Bolt locations, 4



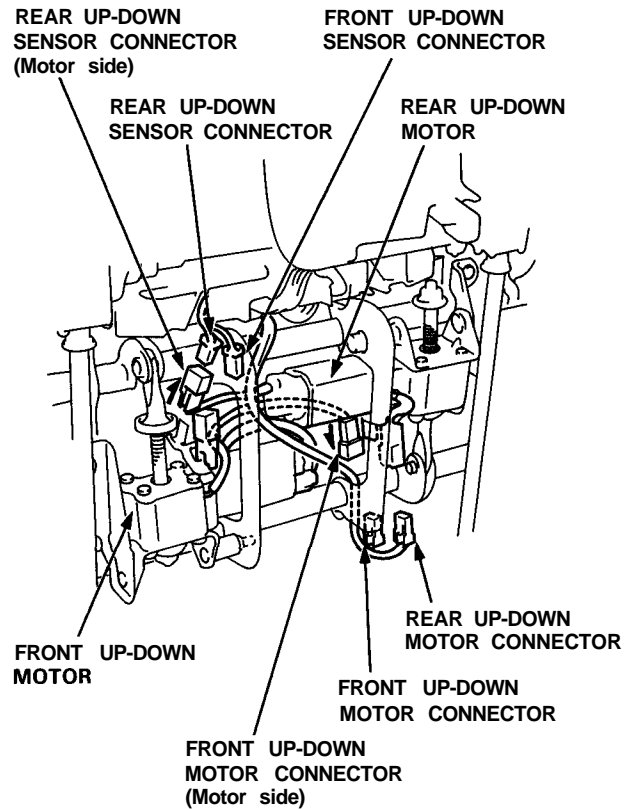
5 x 0.8 mm  
3 N·m (0.3 kg-m,  
2.2 lb-ft)

SLIDE/UP-DOWN  
ADJUSTER

PLATE



4. Disconnect the connectors, then detach the rear up-down sensor connector and front up-down motor connector on the motor side as shown.

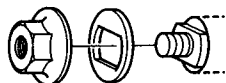




5. Remove the nuts and bolts.

►: Nut, bolt locations

A, 2

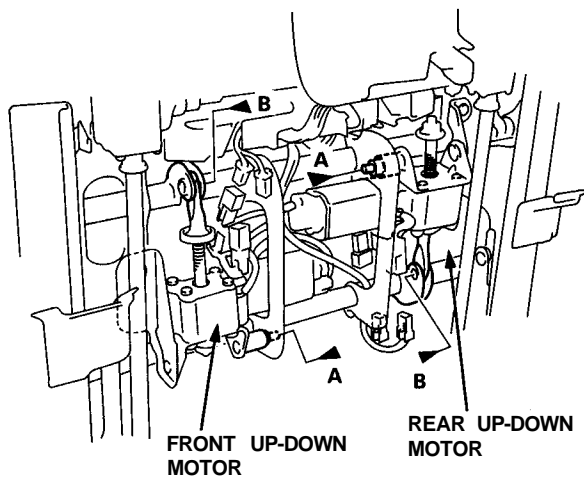


6 x 1.0 mm  
5 N·m (0.5 kg-m,  
3.6 lb-ft)

B, 2

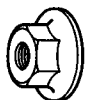


6 x 10 mm  
5 N·m (0.5 kg-m,  
3.6 lb-ft)

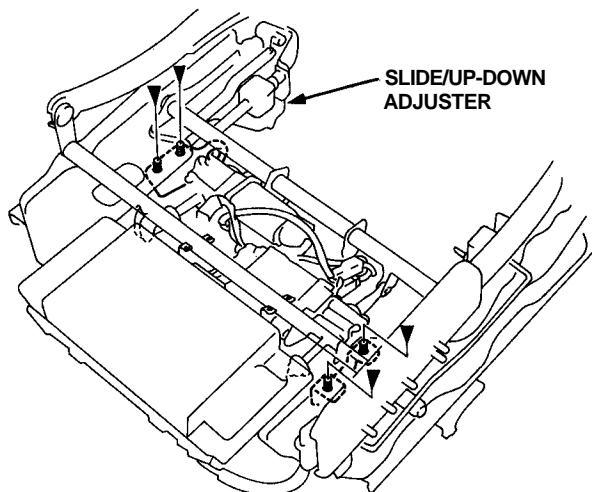


6. Remove the nuts from the slide/up-down adjuster.

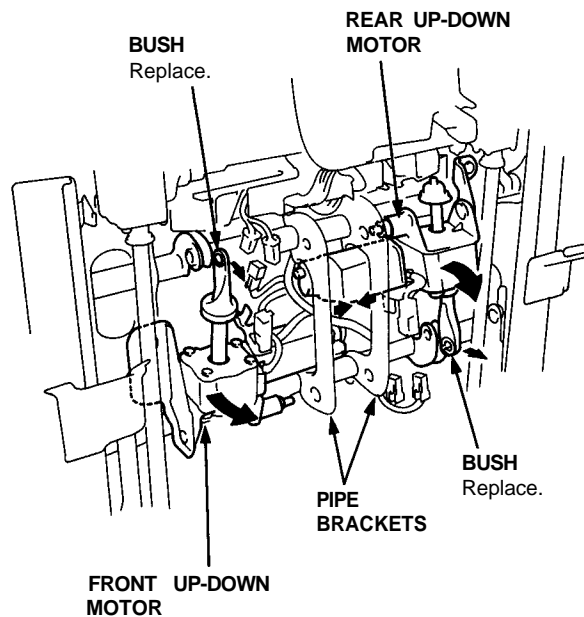
►: Nut locations, 4



6 x 1.0 mm  
5 N·m (0.5 kg-m,  
3.6 lb-ft)



7. Slide the pipe brackets inward, then remove the front and rear up-down motors as shown.



(cont'd)

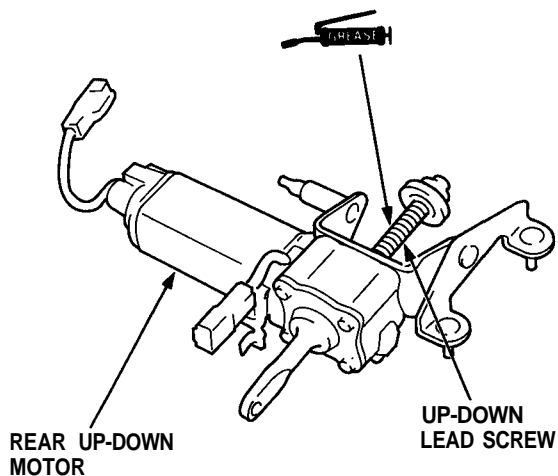
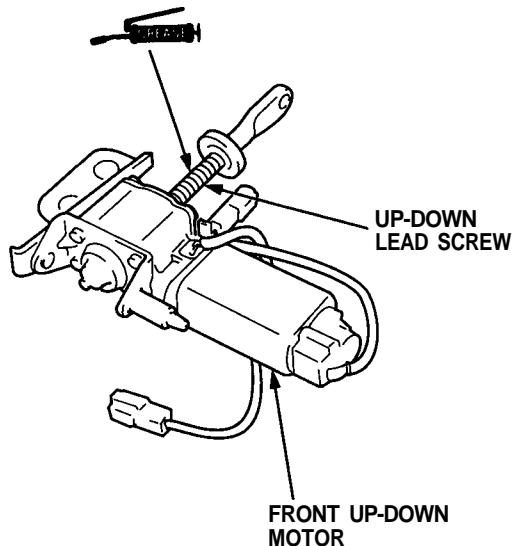
# Front Seat Linkage

## Front and Rear Up-down Motors Replacement (cont'd)

8. Installation is the reverse of the removal procedure, procedure.

**NOTE:**

- Before installing the front and rear up-down motors, apply grease to the up-down lead screws.



- Check the up-down lead screw for bend.

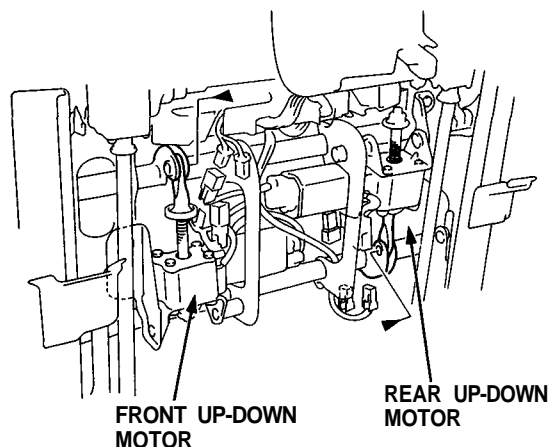
- Replace the bushs (see page 20-63) with new ones as described on page 20-56.

- After installing the front and rear up-down motors, apply liquid thread lock to the bolts, then tighten them.

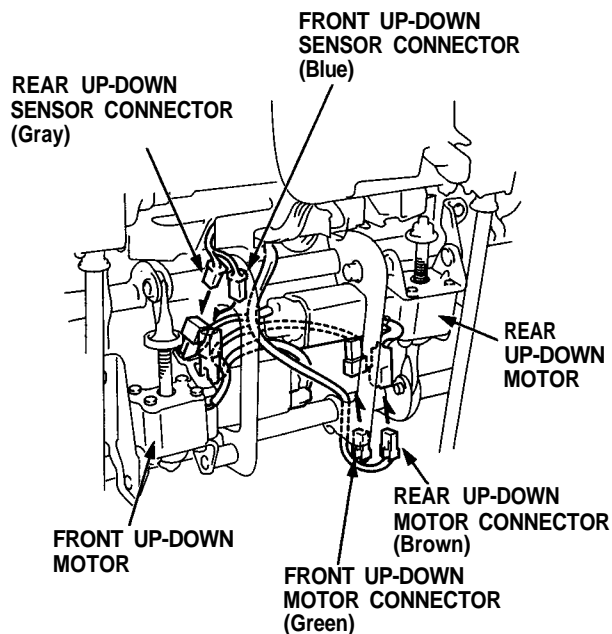
►: Bolt locations, 2

6 x 1.0 mm

5 N·m (0.5 kg-m, 3.6 lb-ft)



- Make sure the connectors are connected properly.



- Check the front and rear up-down motor operation.