

SECTION 06-05 Brake System, Parking

SUBJECT	PAGE	SUBJECT	PAGE
ADJUSTMENTS		REMOVAL AND INSTALLATION (Cont'd.)	
Cable, Parking Brake	06-05-7	Lever, Parking Brake	06-05-3
DESCRIPTION	06-05-1	SPECIAL SERVICE TOOLS	06-05-8
REMOVAL AND INSTALLATION		SPECIFICATIONS	06-05-8
Cables, Long	06-05-4	VEHICLE APPLICATION	06-05-1

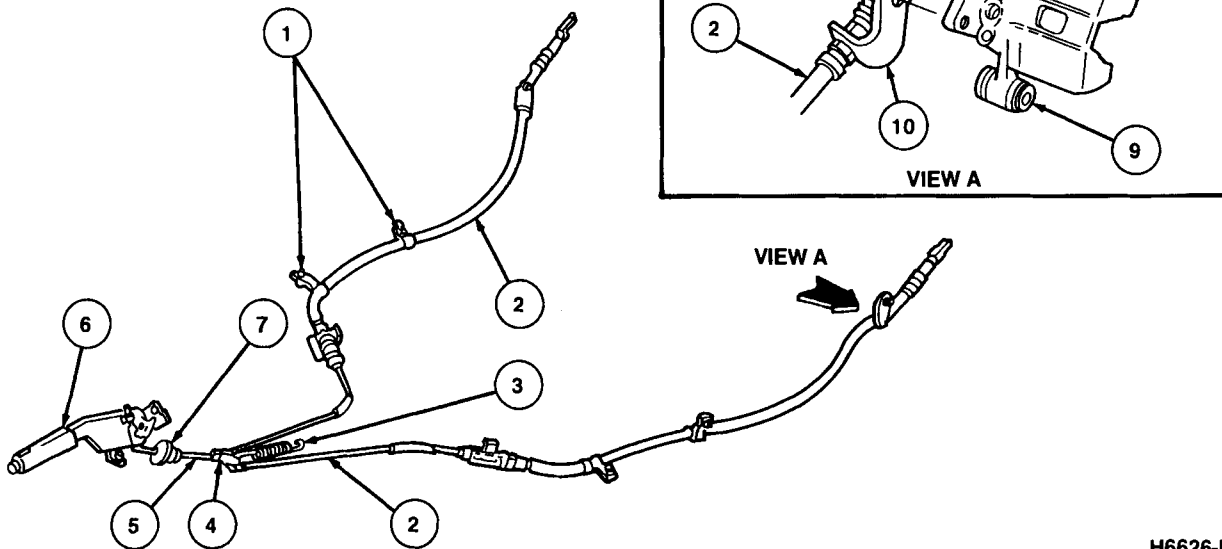
VEHICLE APPLICATION

Capri.

DESCRIPTION

The parking brake is a mechanical method of applying the rear brakes.

The parking brakes are applied when the hand lever located in the console is pulled upward. The lever motion is transferred to the rear calipers through a short cable, an equalizer and two long cables. The two long cables connect to a parking brake lever located at each rear caliper.



H6626-B

Item	Part Number	Description
1	—	Cable Clamps
2	2A635	Parking Brake Cable (Long)
3	2A651	Return Spring
4	2853	Equalizer Assy

(Continued)

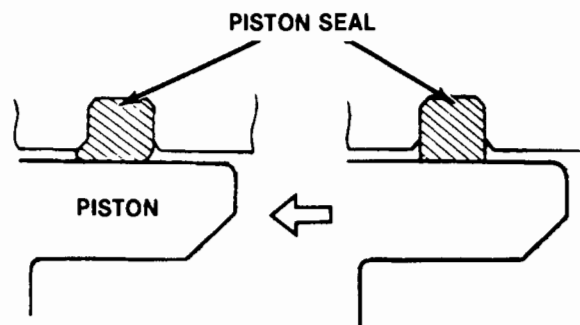
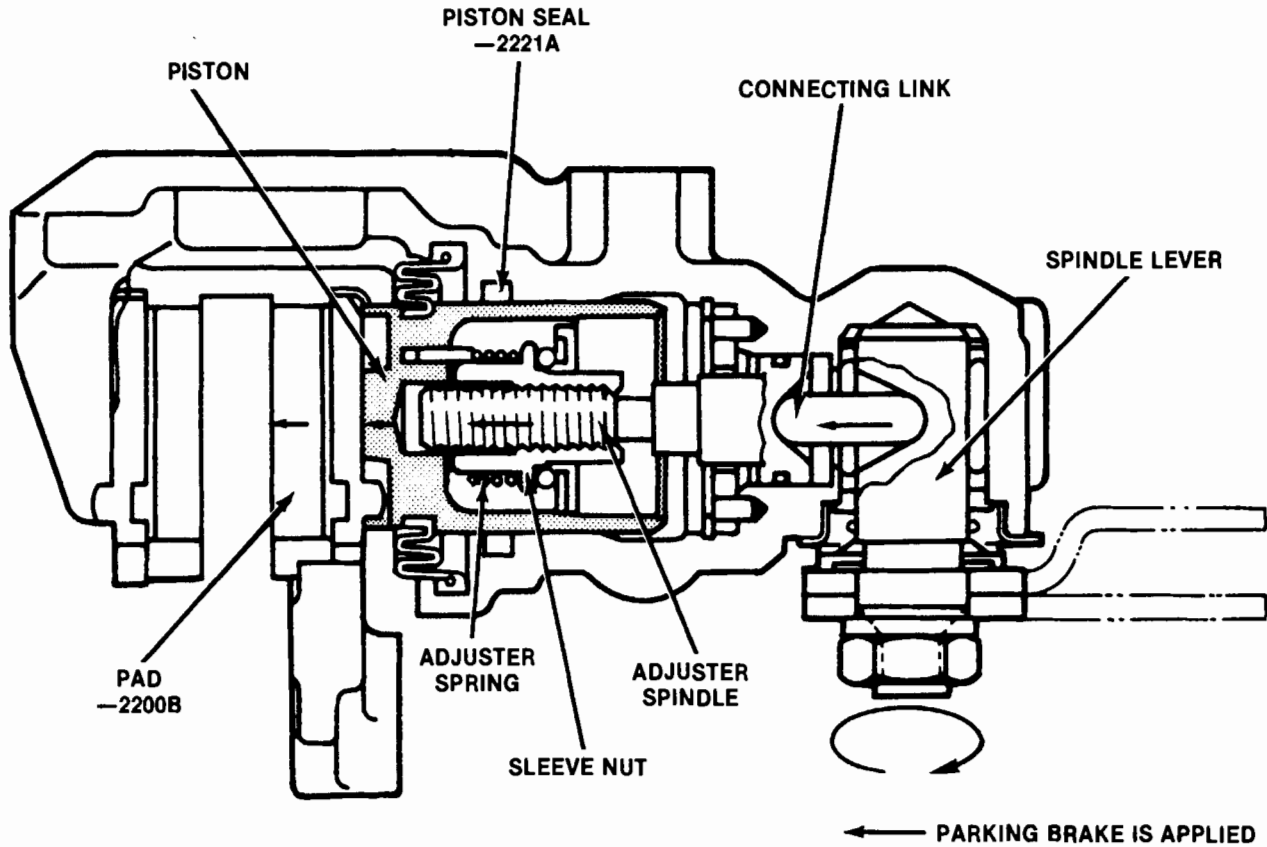
DESCRIPTION (Continued)

Item	Part Number	Description
5	—	Parking Brake Cable (Short)
6	2780	Parking Brake Lever Assy
7	—	Dust Boot
8	26680	Bolt and Washer Assy
9	—	Rear Caliper Assy
10	B107 26851 or B107 26861	Bracket

When the parking brake lever is applied, the parking brake cables move the caliper-mounted parking brake lever or "spindle lever". This causes force to be applied to the connecting link which then pushes the piston against the inboard pad. This causes the caliper to slide on the upper guide pin and lower guide pin sleeve thereby applying pressure to the outboard pad.

DESCRIPTION (Continued)

As the piston moves outward in the caliper housing, it causes the square cut seal to distort. When the parking brake lever is released, the square cut seal returns the piston to its normal position and releases the rear brakes.



H6871-A

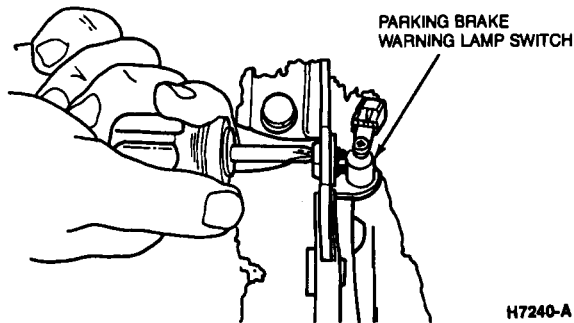
REMOVAL AND INSTALLATION

Lever, Parking Brake**Removal**

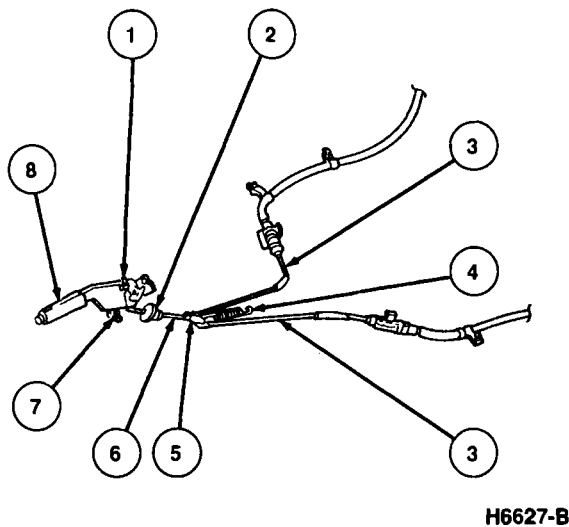
1. Remove the floor console. Refer to Section 01-12.

REMOVAL AND INSTALLATION (Continued)

- Remove the retaining screws and the parking brake warning indicator switch located on the parking brake lever.



- Using a 10mm wrench, remove locknut and adjusting nut.
- Remove two retaining bolts and parking brake lever.
- Remove short cable from parking brake lever.
NOTE: It may be necessary to remove the ends of the long cables from the rear calipers in order to remove the equalizer and short cable.
- Raise vehicle on a hoist. Refer to Section 00-02.
- From under the vehicle, remove the return spring from the equalizer.
- Remove the cable boot from the tunnel access cover.
- Remove the parking brake equalizer and short cable from the tunnel access plate.



Item	Part Number	Description
1	—	Adjusting Nut
2	—	Dust Boot
3	2A635	Parking Brake Cable (Long)
4	2A651	Return Spring
5	2853	Equalizer Assy
6	—	Parking Brake Cable (Short)
7	—	Bolt (2 Req'd)
8	2780	Parking Brake Lever Assy

Installation

- From under the vehicle, install the parking brake equalizer, short cable, and cable boot into the access plate.
- Lower vehicle.
- From inside the vehicle, install the cable into the parking lever and loosely install the adjusting nut and locknut.
- Position the parking brake lever and install two retaining bolts.
- Install the parking brake warning indicator switch with two retaining screws.
- Raise vehicle.
- From under the vehicle, install the two long cables into the equalizer.
- Connect long cables to rear calipers as outlined.
- Install return spring at equalizer.
- Lower vehicle.
- Adjust parking brake as outlined.
- Install console. Refer to Section 01-12.

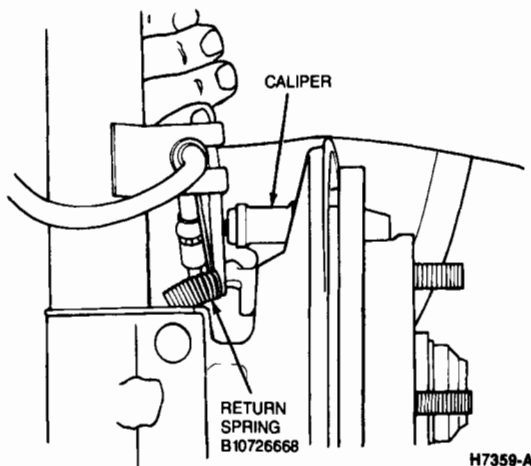
Cables, Long

Removal

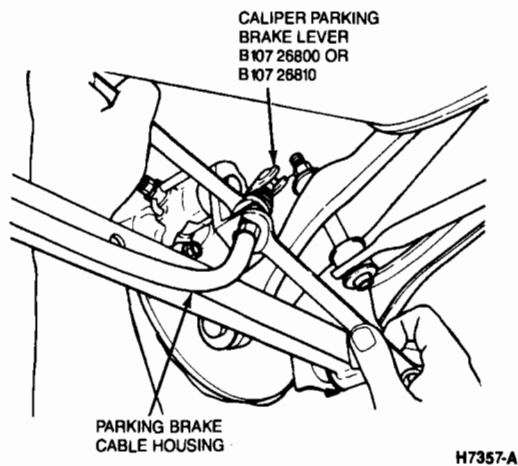
- Raise vehicle on a hoist. Refer to Section 00-02.

REMOVAL AND INSTALLATION (Continued)

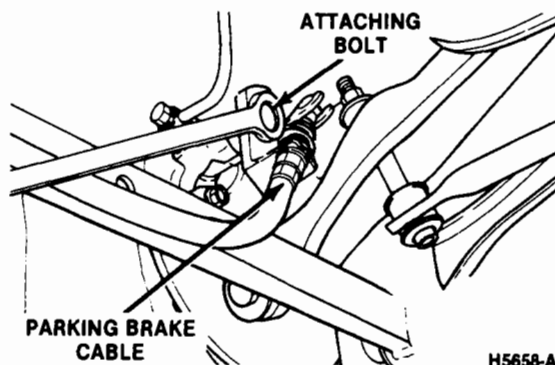
2. Using a pair of needle-nose pliers, remove the parking brake return springs at the back of each caliper.



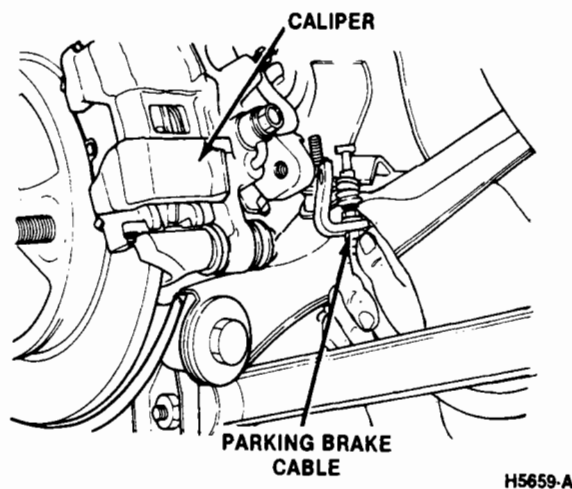
3. Loosen the parking brake cable housing adjusting nut.



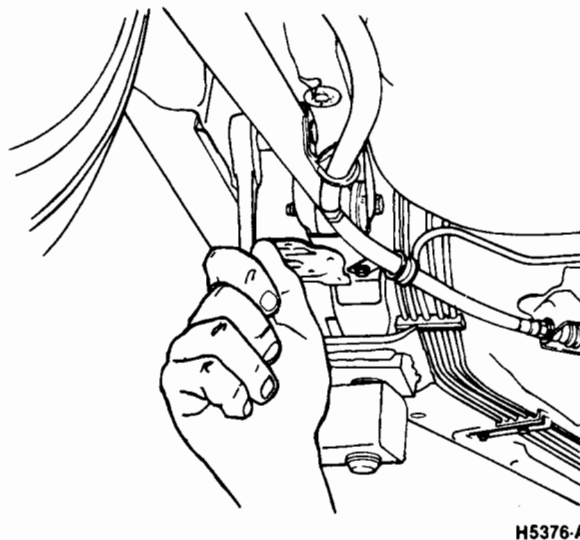
4. Loosen the retaining bolt connecting the parking brake cable bracket to the rear caliper.



5. Remove the parking brake cable from both calipers.

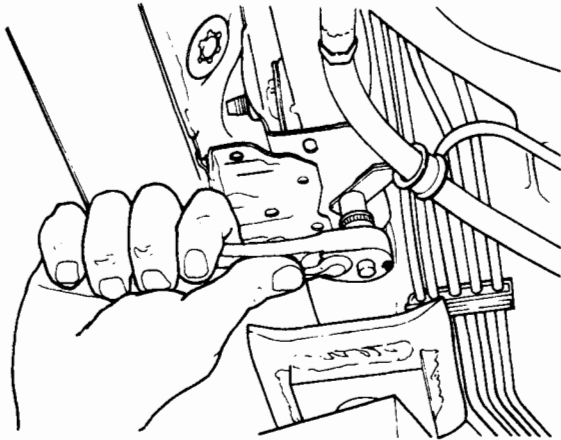


6. Remove the cable clamps from the rear suspension trailing arms.



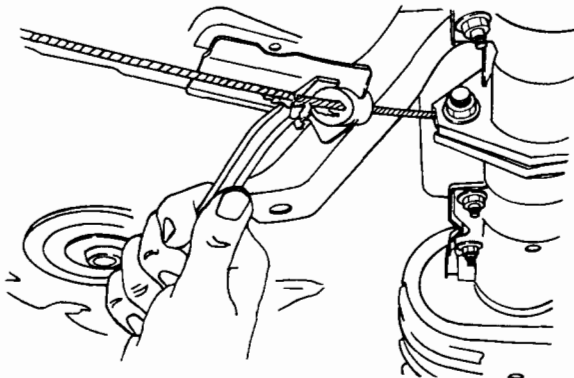
REMOVAL AND INSTALLATION (Continued)

7. Remove the cable clamp from the trailing arm support bracket.



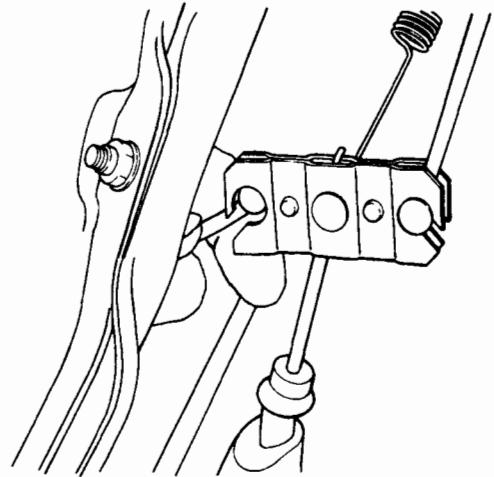
H5377-A

8. With a small pry bar, gently ease the plastic cable bushings out of the brackets.



H5379-A

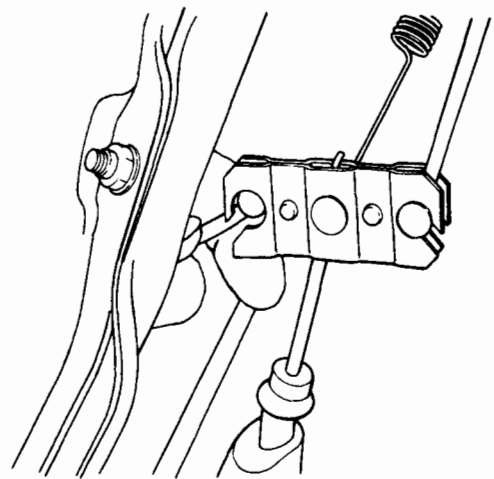
9. Disconnect the parking brake return spring from the equalizer.
10. Remove each cable from the equalizer.



H5380-A

Installation

1. Install the two cable ends in the parking brake equalizer.

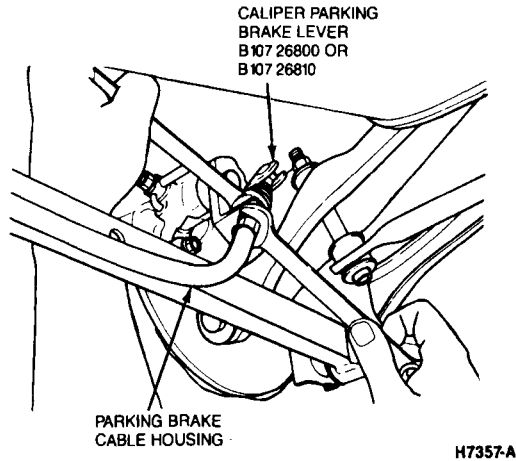


H5380-A

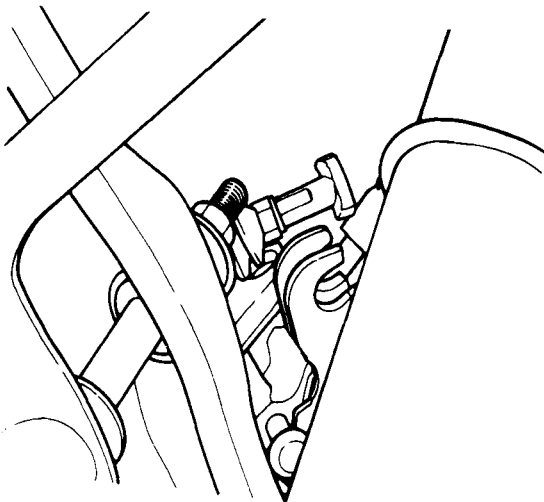
2. Install the two plastic cable guides into the brackets using a plastic hammer.

REMOVAL AND INSTALLATION (Continued)

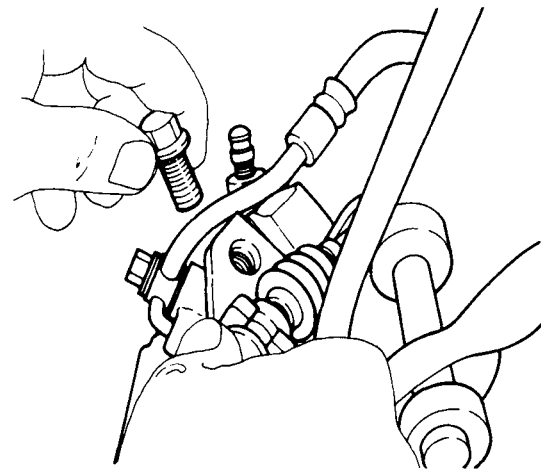
3. Install the threaded ends of the cable housings into the brackets and install adjuster nuts. Tighten to 16-23 N·m (12-16 lb-ft).



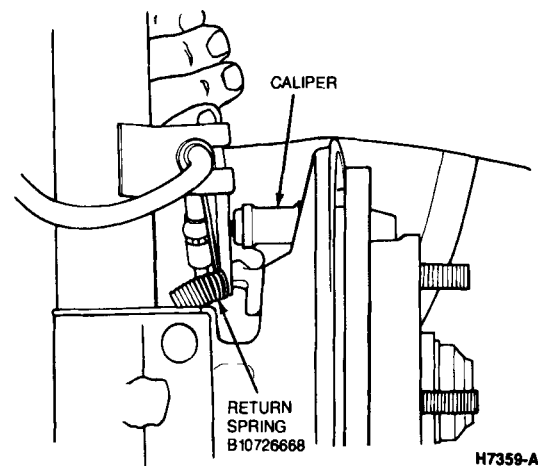
4. Install the parking brake cable in the caliper parking brake lever.



5. Position the parking brake cable bracket against the rear caliper. Install the parking brake cable retaining bolt. Tighten to 37-49 N·m (28-36 lb-ft).



6. Install parking brake return springs at the back of each caliper.



7. Install the cable clamps.
8. Install the equalizer return spring.
9. Adjust parking brake cables as outlined.
10. Lower vehicle. Refer to Section 00-02.

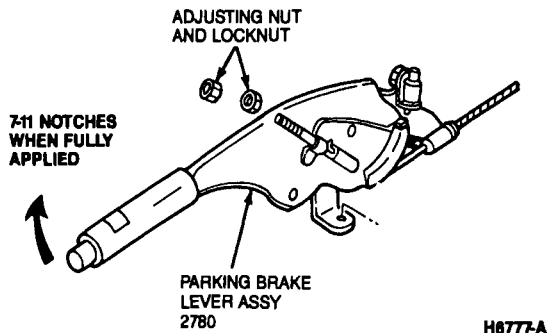
ADJUSTMENTS**Cable, Parking Brake**

NOTE: Make sure rear brake pads are within wear limits and that parking brake cable follows the correct path and is properly secured in its guides.

1. Remove the rear console. Refer to Section 01-12.
2. Loosen locknut.

ADJUSTMENTS (Continued)

3. Loosen or tighten the adjusting nut so that the parking brake begins to apply when the lever is pulled up five notches and is fully set at 7 to 11 notches. Using Spring Scale T74P-3504-Y or equivalent check the force required to apply the parking brake. A properly operating system will require 195N (44 lb) of force to fully apply the parking brakes.
4. Tighten locknut against adjusting nut.
5. Make sure the brakes do not drag when parking brake lever is released.
6. Make sure the brake warning indicator illuminates when parking brake lever is raised.



SPECIFICATIONS

TORQUE SPECIFICATIONS

Description	N·m	Lb·Ft
Adjuster Nuts	16-23	12-16
Parking Brake Cable Retaining Bolt	37-49	28-36

SPECIAL SERVICE TOOLS

Tool Number	Description
T74P-3504-Y	Spring Scale