

SECTION : 4G

PARKING BRAKE

CAUTION : *Disconnect the negative battery cable before removing or installing any electrical unit or when a tool or equipment could easily come in contact with exposed electrical terminals. Disconnecting this cable will help prevent personal injury and damage to the vehicle. The ignition must also be in LOCK unless otherwise noted.*

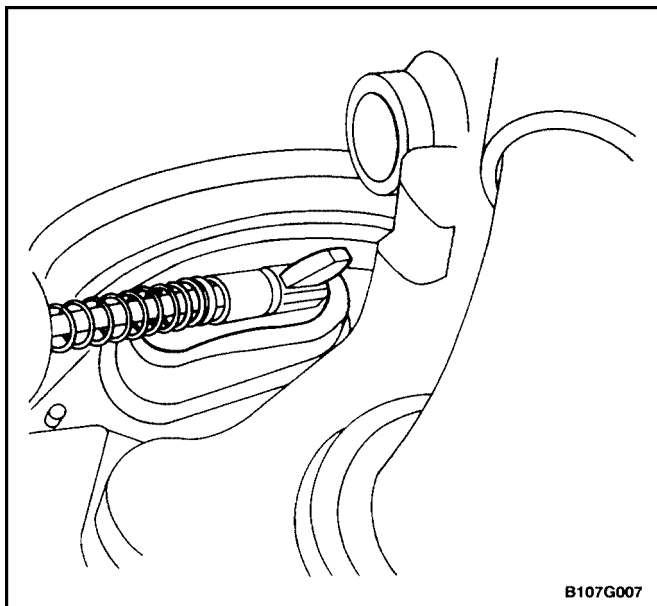
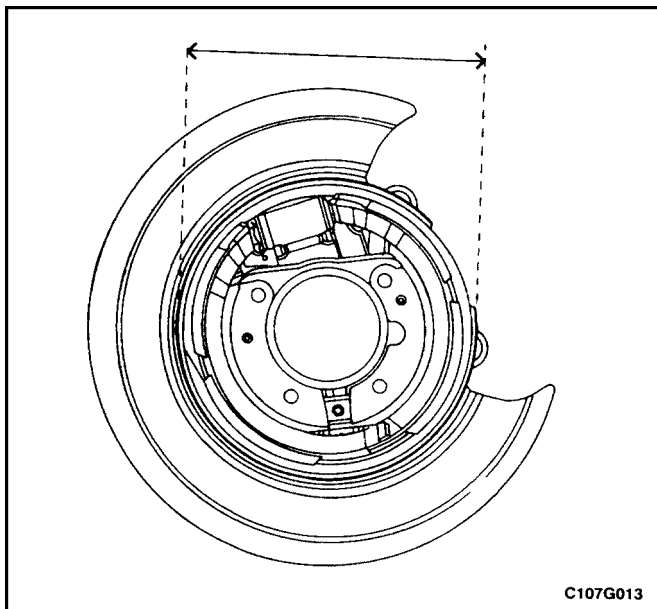
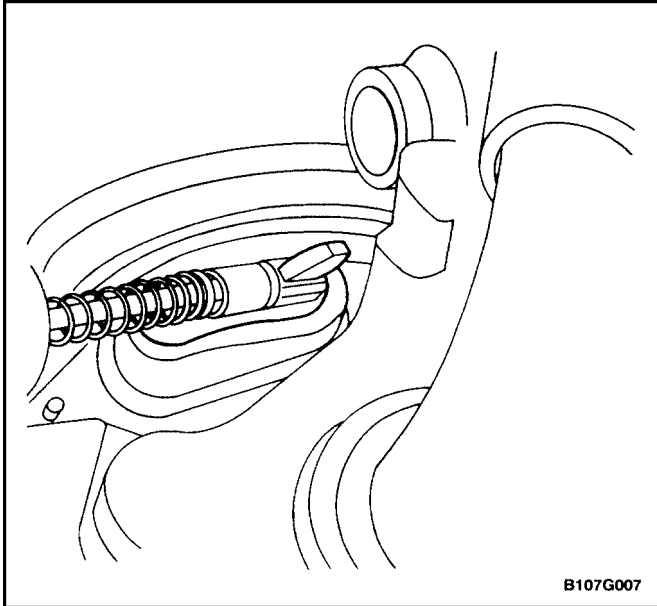
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SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Application	N•m	Lb-Ft	Lb-In
Fuel Tank Retaining Strap Nut	12.5	–	111
Parking Brake Cable-to-Underbody Side Bracket Nuts	12	–	106
Parking Brake Lever Assembly-to-Vehicle Underbody Bolts	22	16	–
Parking Brake Switch-to-Parking Brake Lever Screw	4	–	35



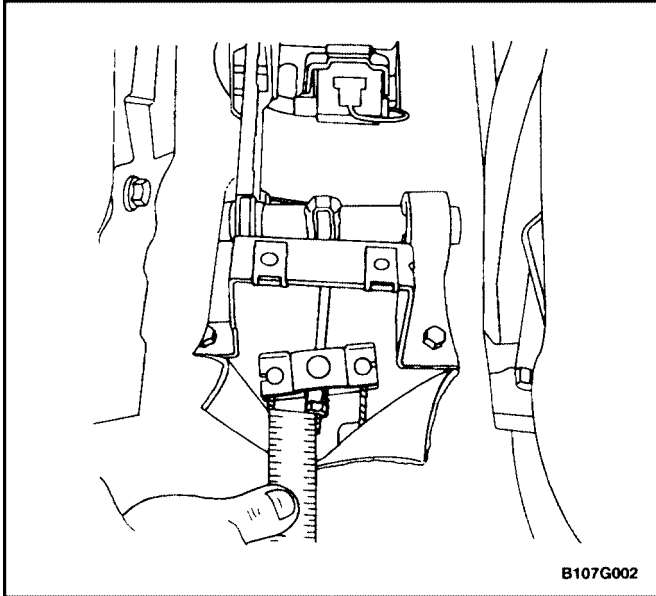
MAINTENANCE AND REPAIR

ON-VEHICLE SERVICE

PARKING BRAKE ADJUSTMENT

Adjustment Procedure

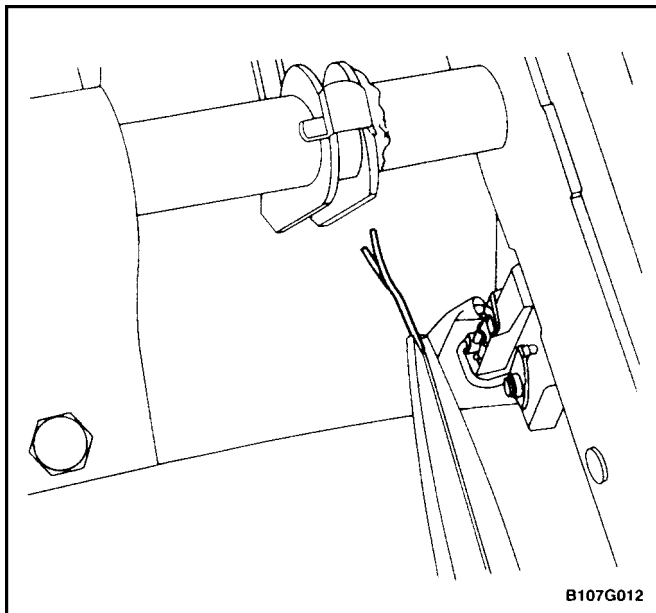
1. Release the parking brake.
2. Raise and suitably support the vehicle.
3. Remove the rear wheels. Refer to *Section 2E, Tires and Wheels*.
4. Remove the caliper and rotor assemblies. Refer to *Section 4E, Rear Brakes*.
5. Remove the brake rotors on each side of the vehicle. Refer to *Section 4E, Rear Brakes*.
6. Disconnect the parking brake cable from the backplate operating lever on each side of the vehicle.
7. Inspect and replace any parts of doubtful strength or quality. This can be shown by discoloration from heat or stress.
8. Adjust the shoe assembly to 167.6 to 167.8 mm (6.60 to 6.61 inches) by turning the adjuster nut clockwise to increase the diameter. Measure the shoe assembly diameter as closely as possible to the center of the lining material.
9. Inspect and install the rotors and calipers. Refer to *Section 4E, Rear Brakes*.
10. Install the parking brake cable to the backplate lever on each side of the vehicle.
11. In the vehicle, pull on the parking brake handle. Stop after hearing two clicks.
12. Turn the rear wheel by hand until the wheel begins to drag.
13. Release the parking brake.
14. Turn the rear wheel by hand to check the drag. Re-adjust the cable, if necessary.
15. Repeat the process for the other rear wheel.
16. Lower the vehicle.



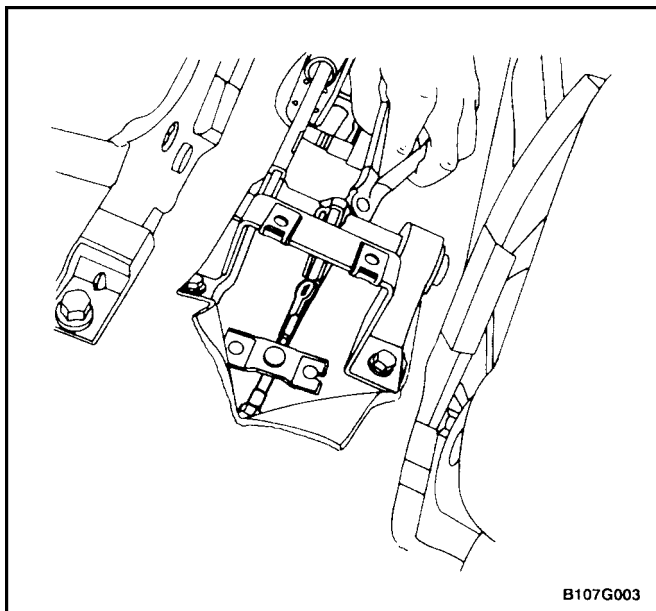
PARKING BRAKE LEVER

Removal Procedure

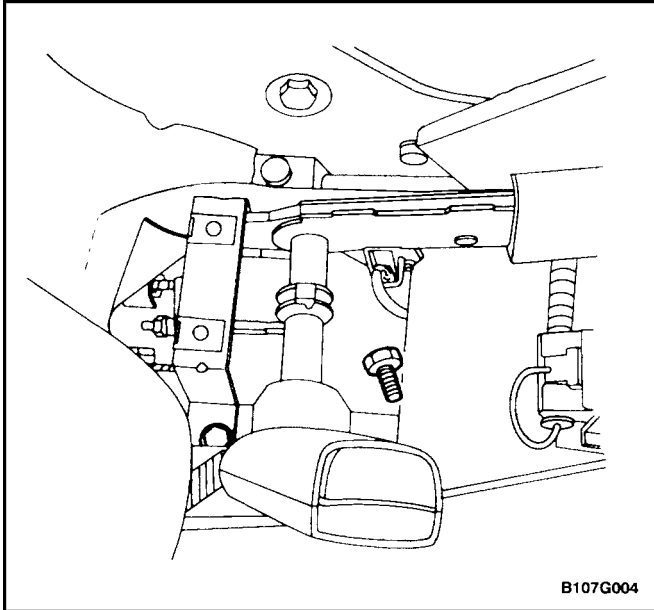
1. Release the parking brake.
2. Remove the center console. Refer to *Section 9G, Interior Trim*.
3. Measure the thread length from the end of the pull rod to the adjustment nut.



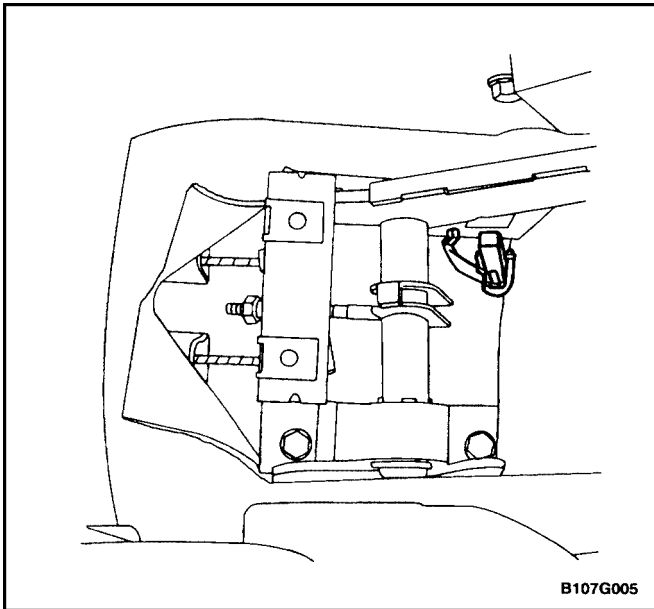
4. Remove the split pin which holds the eye bolt pull rod to the parking brake lever assembly.



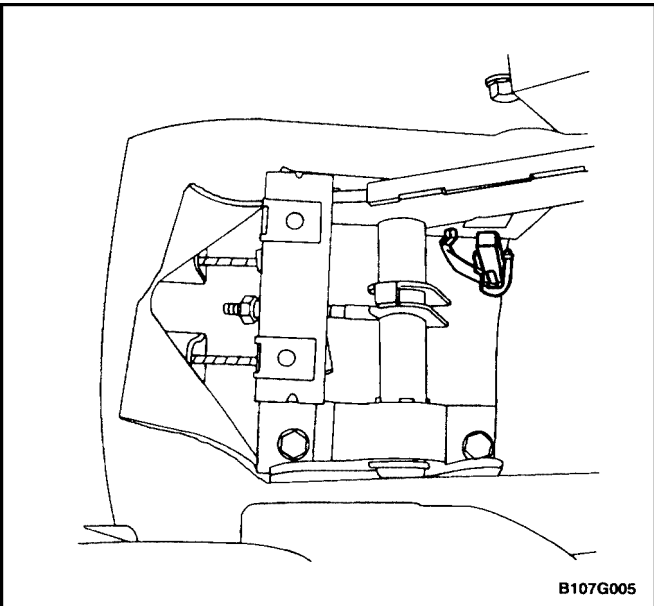
5. Detach the eye bolt pull rod but leave the pull rod connected to the equalizer which is attached to the parking brake cables.



6. Remove the bolts and the washers which secure the parking brake assembly to the underbody.



7. If necessary, remove the parking brake switch attached to the parking brake lever assembly by a small screw, and remove the switch.



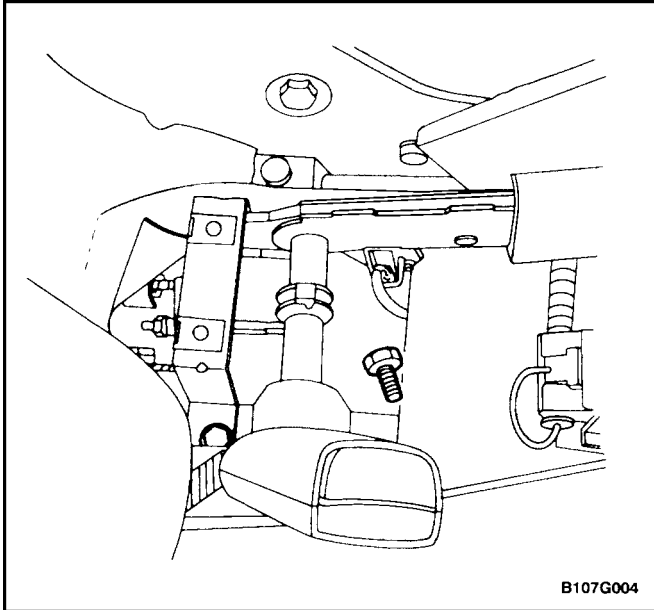
Installation Procedure

Notice : If the parking brake lever is bent or damaged, replace the entire parking brake lever assembly.

1. Fasten the parking brake switch to the parking brake lever assembly with the screw.

Tighten

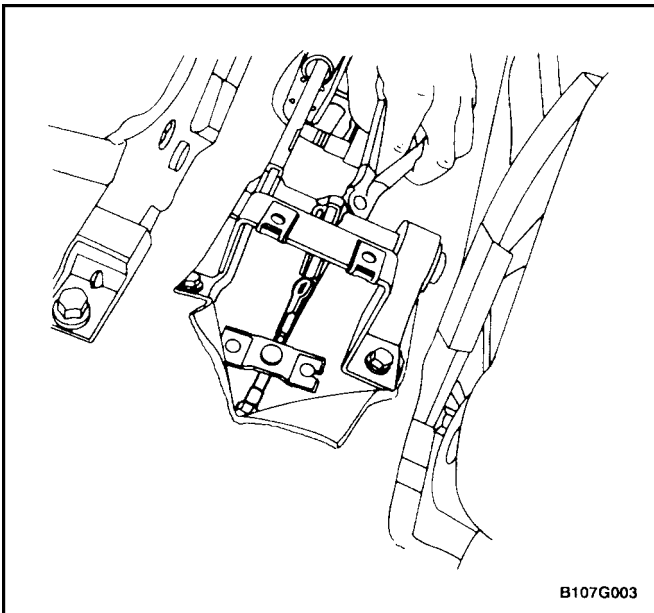
Tighten the parking brake switch-to-parking brake lever screw to 4 N•m (35 lb-in).



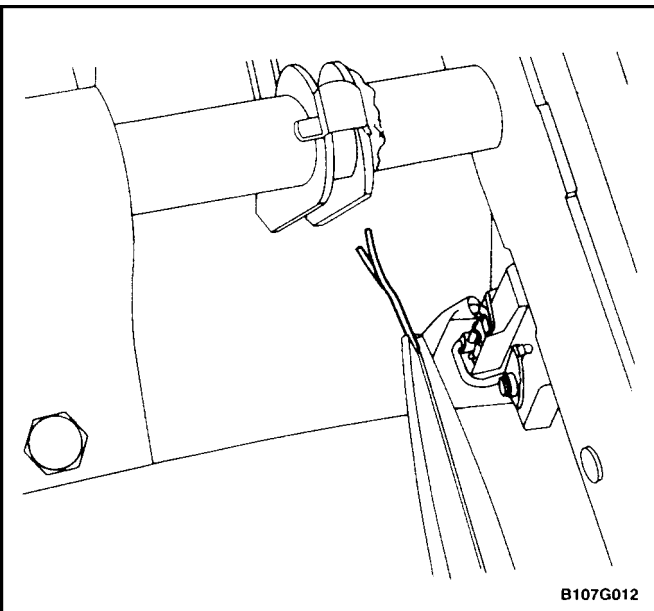
2. Install the parking brake lever bolts, and fasten the parking brake lever assembly to the vehicle underbody.

Tighten

Tighten the parking brake lever assembly-to-vehicle underbody bolts to 22 N•m (16 lb-ft).



3. Install the eye bolt pull rod to the brake lever operating pawl fastening the pull rod with a split pin.
4. Check the parking brake adjustment referring to the original removal adjustment nut measurement taken in the removal procedure. Refer to "Parking Brake Adjustment" in this section.
5. Install the center console. Refer to *Section 9G, Interior Trim*.

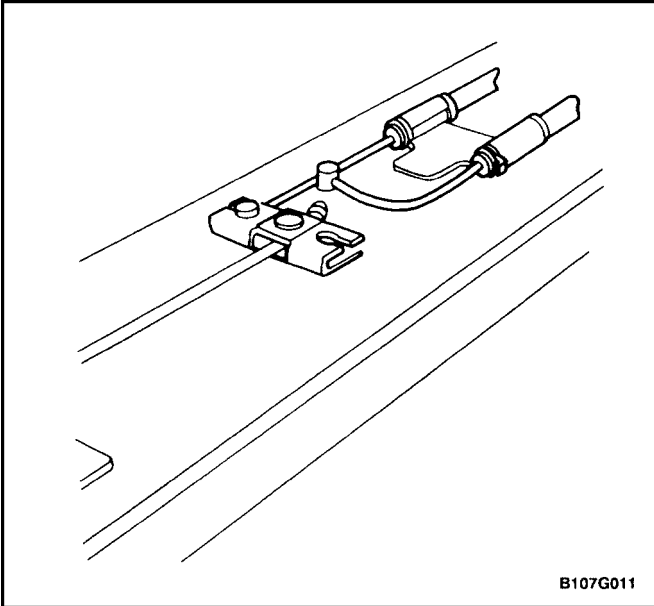


PARKING BRAKE CABLE

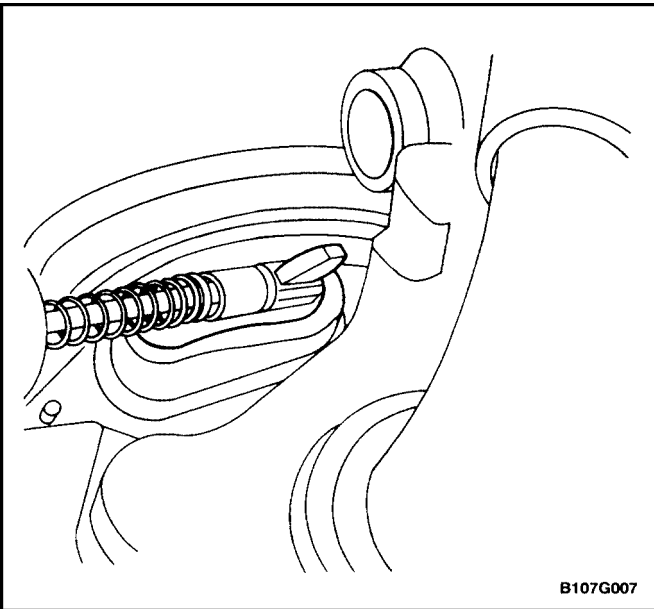
Removal Procedure

1. Remove the center console. Refer to *Section 9G, Interior Trim*.
2. Remove the split pin which holds the eye bolt pull rod to the parking brake lever assembly.

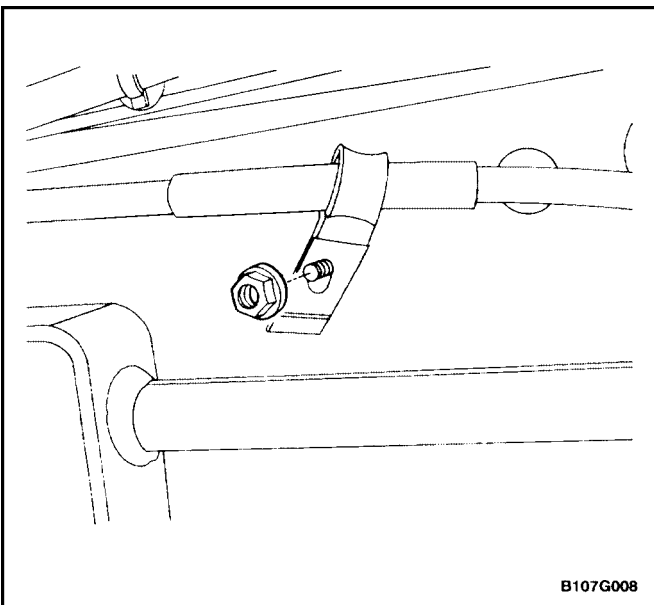
4G – 6 PARKING BRAKE



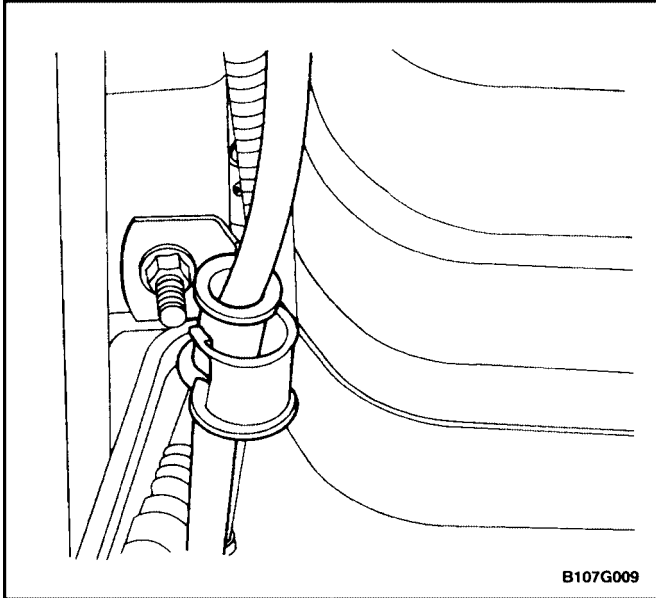
3. Remove the parking brake cable ends from the equalizer.
4. Raise and suitably support the vehicle.
5. Remove the rear wheels. Refer to *Section 2E, Tires and Wheels*.



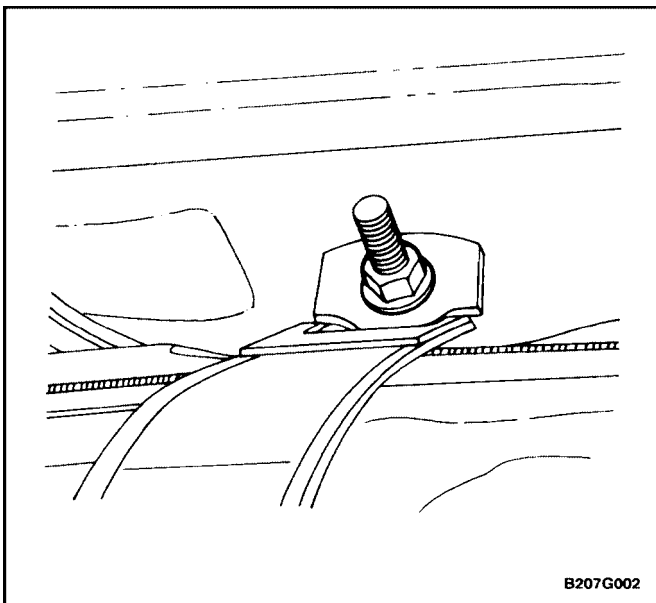
6. Unfasten the parking brake cable from the lever at the rear of the backing plate.
7. Remove the clip that holds the cable into the protruding hole on the steering knuckle assembly.



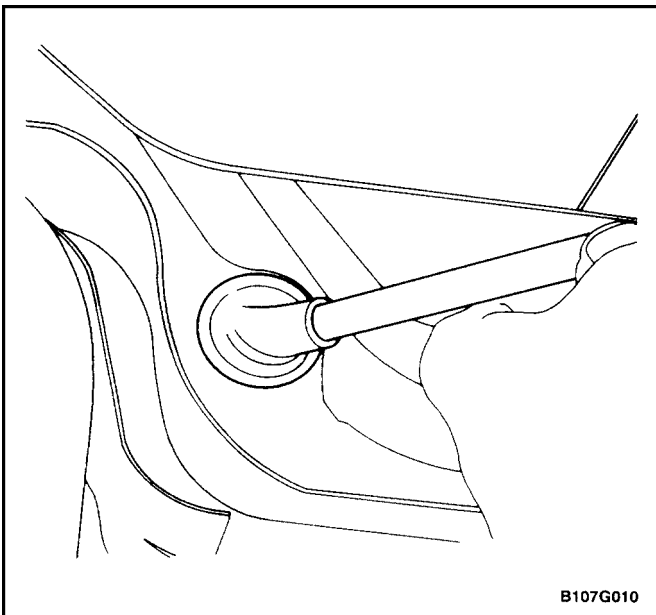
8. Remove the nut securing the parking brake cable to the underbody clip on both the driver and passenger sides of the vehicle.



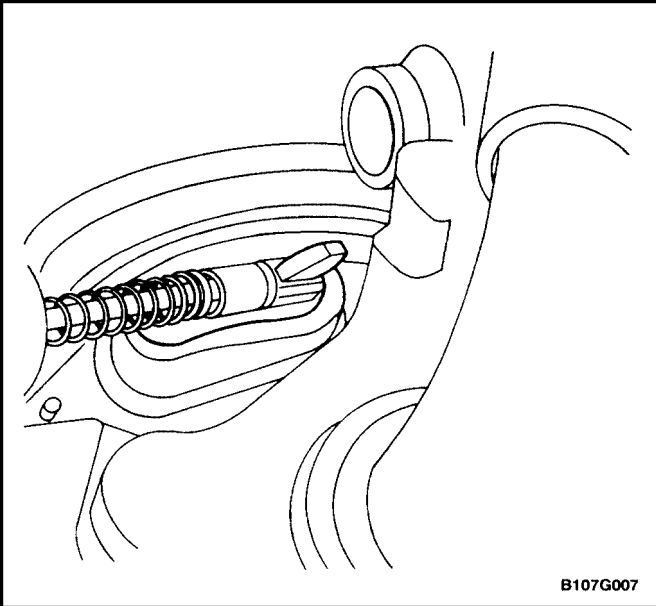
9. Remove the parking brake cable from the clip near the fuel tank strap (passenger side).
10. Suitably support the fuel tank.



11. Remove the fuel tank retaining strap nut on the driver's side and remove the parking brake cable. Pull the cable through the loop of the welded underbody bracket.



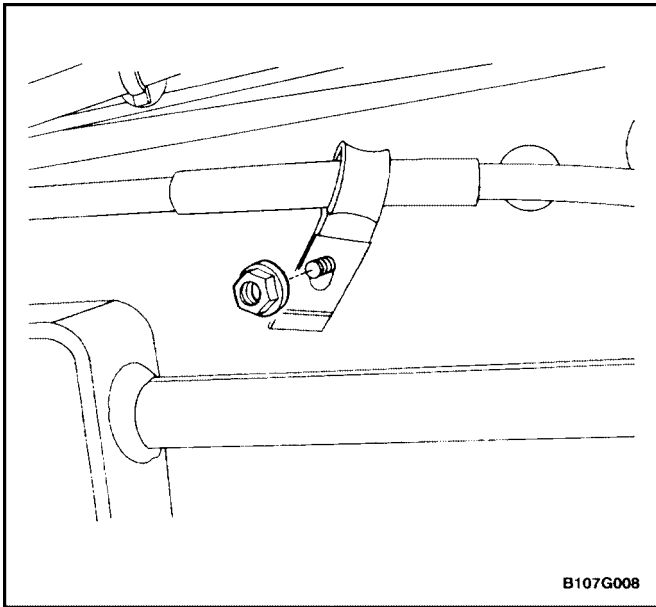
12. Remove the parking brake cable and rubber grommet.



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Installation Procedure

1. Route the cable to the hole on the steering knuckle assembly.
2. Fasten the parking brake cable to the lever at the rear of the disc brake backing plate.
3. Install the clip that secures the parking brake cable to the routing hole on the steering knuckle assembly.

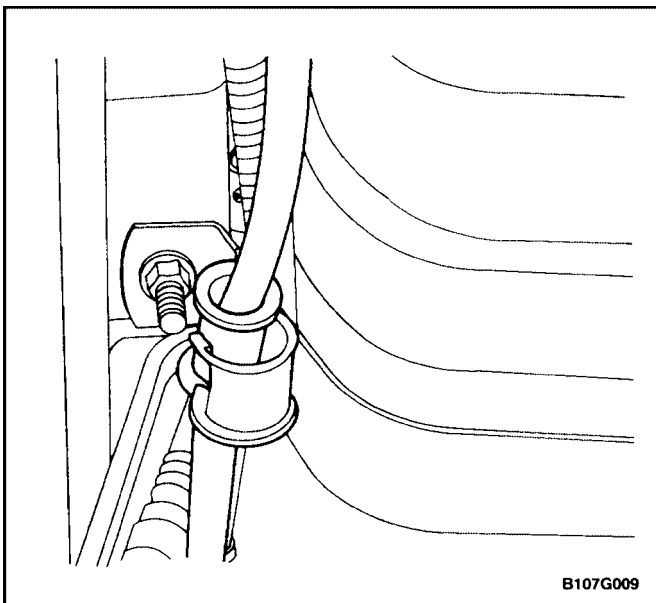


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4. Install the nut securing the parking brake cable to a bracket on both the driver and passenger sides of the vehicle.

Tighten

Tighten the parking brake cable-to-underbody side bracket nuts to 12 N•m (106 lb-in).

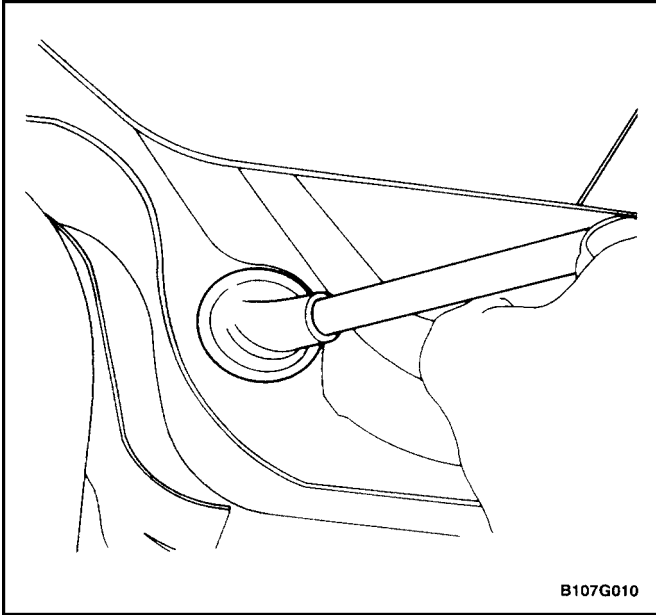


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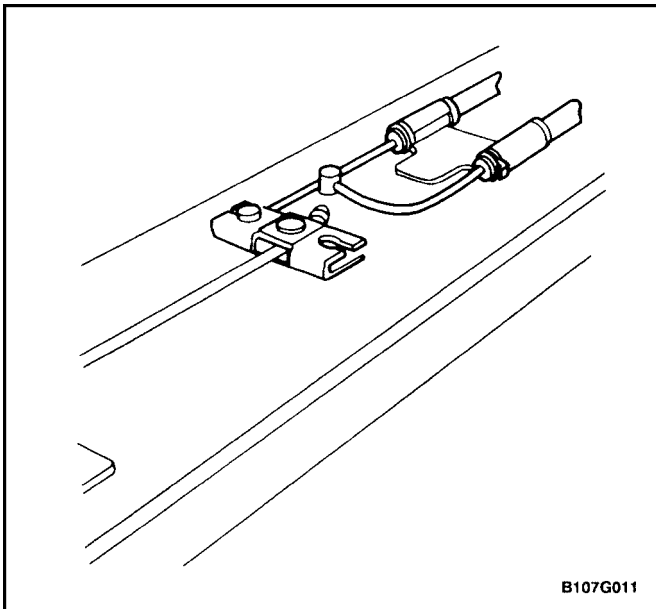
5. Install the parking brake cable (passenger's side) to the clip near the fuel tank strap.
6. Route the parking brake cable through the loop of a welded underbody bracket and under the fuel tank retaining strap (driver's side).

Tighten

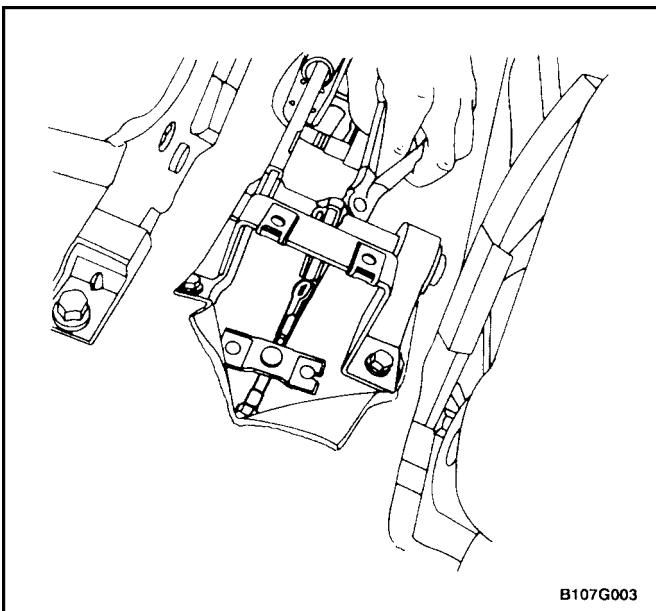
Tighten the fuel tank retaining strap nut to 12.5 N•m (111 lb-in).



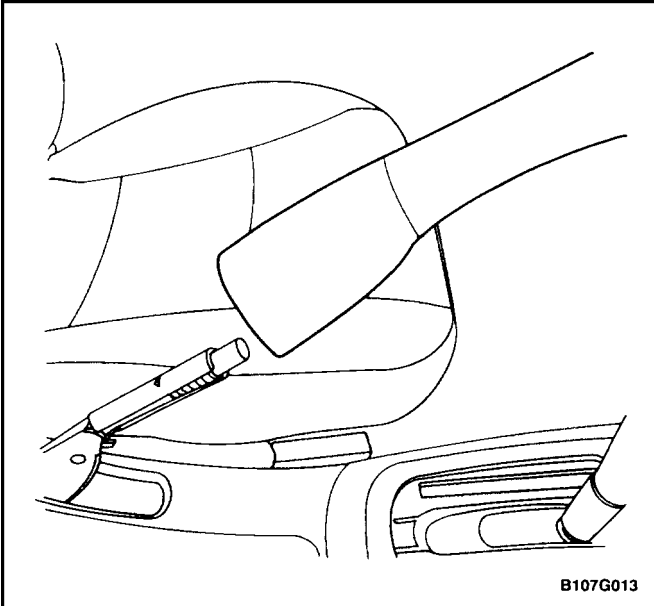
7. Route the parking brake cables through the access holes to the parking brake/gearshift console.
8. Install the rubber grommet for each cable.



9. Install the rear wheels. Refer to *Section 2E, Tires and Wheels*.
10. Lower the vehicle.
11. Attach the parking brake cable ends to the equalizer.



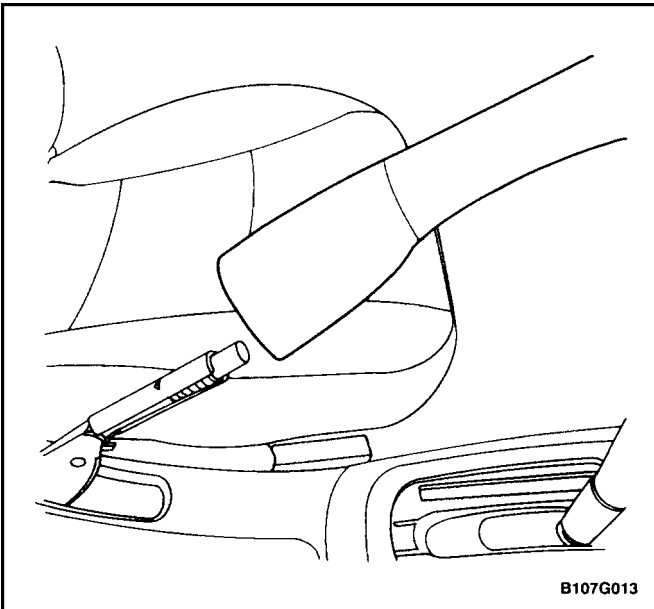
12. Attach the eye bolt pull rod to the parking brake lever assembly and fasten the split pin.
13. Install the parking brake/gearshift console hood. Refer to *Section 9G, Interior Trim*.
14. If the parking brake shoe lever was pressed backward before removing the brake drum, now press it forward and adjust the parking brake. Refer to "Parking Brake Adjustment" in this section.



PARKING BRAKE HANDLE

Removal Procedure

1. Remove the center console and detach the parking brake lever boot. Refer to *Section 9G, Interior Trim*.
2. Slip the parking brake handle off the parking brake lever.



Installation Procedure

1. Push the parking brake handle as far as it will go on the parking brake lever.
2. Install the center console and the parking brake lever boot. Refer to *Section 9G, Interior Trim*.

GENERAL DESCRIPTION AND SYSTEM OPERATION

PARKING BRAKE

The braking system uses a BRAKE warning light located in the instrument panel cluster. When the ignition switch is in START, the BRAKE warning light should glow and go

off when the the ignition switch returns to RUN. Whenever the parking brake is applied and the ignition switch is ON, the BRAKE warning light should glow.

When the brake is firmly applied, the parking brake should hold the vehicle with ample pedal travel remaining. Check for frayed cables, rust, etc., or any condition that may inhibit present (or future) free movement of the parking brake lever assembly.