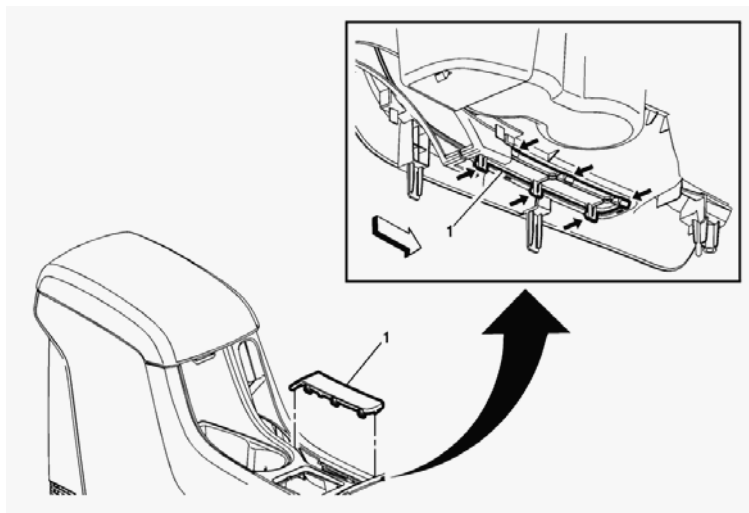


2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Front Floor Console Parking Brake Lever Opening Cover Replacement

Callout

1

Component Name

Front Floor Console Parking Brake Lever Opening Cover

Procedure

Pull up the parking brake lever opening cover to release the tabs.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**

Fuel Delivery: | **Fuel:**

System Component Description

The park brake system consists of the following:

Park Brake Lever Assembly

Receives and transfers park brake system apply input force from driver to park brake cable system.

Releases applied park brake system when the lever is returned to the at-rest rest position.

Park Brake Cables

Transfers input force received from park brake lever, through park brake cable equalizer, to park brake apply lever.

Park Brake Cable Equalizer

Evenly distributes input force to both the left and right park brake units.

An auto adjust spring is used to remove the slack in the park brake cables.

Park Brake Actuator/Adjuster

Uses multiplied input force from apply lever via the cables to expand park brake shoe toward the friction surface of the drum-in-hat portion of the rear brake rotor.

Threaded park brake actuators/adjusters are also used to control clearance between the park brake shoe and the friction surface of the drum-in-hat portion of the rear brake rotor.

Park Brake Shoe (Rear Disc, Drum-In-Hat System)

Applies mechanical output force from park brake actuator/adjuster to friction surface of the drum-in-hat portion of the rear brake rotor.

System Operation

Park brake apply input force is received by the park brake lever assembly being raised, transferred and evenly distributed, through the park brake cables and the park brake cable equalizer, to the left and right park brake apply levers. The park brake apply levers multiply and transfer the apply input force to the park brake actuators/adjusters which expand the park brake shoe toward the friction surface of the drum-in-hat portion of the rear brake rotor in order to prevent the rotation of the rear tire and wheel assemblies. The park brake lever assembly releases an applied park brake system when the lever is returned to the at-rest rest position.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**

System Component Description

The park brake system consists of the following:

Park Brake Pedal Assembly

Receives and transfers park brake system apply input force from driver to park brake cable system. Releases park brake system apply force on vehicles without a park brake release handle through the partial application of the park brake pedal.

Park Brake Release Handle Assembly (If equipped)

Releases applied park brake system when pulled.

Park Brake Cables

Transfers input force received from park brake pedal, through park brake cable equalizer, to park brake apply lever.

Park Brake Cable Equalizer

Evenly distributes input force to both the left and right park brake units.

Park Brake Apply Lever

Multiplies and transfers input force to park brake actuator/adjuster.

System Operation

Pressing the Park Brake Pedal creates INPUT FORCE. The INPUT FORCE is transferred and evenly distributed through the park brake cables and the equalizer to the left and right rear park brake cables. The INPUT FORCE, is then transferred to the apply levers located in each of the rear brake drums. The levers then multiply the INPUT FORCE and transfer the force to the rear brake shoes. At that point, the brake shoes are forced to expand and make contact with the friction surface of the rear brake drums, preventing the rotation of the rear wheels. Use the park brake release handle, if equipped, or the partial application of the park brake pedal to disengage the park brake.

2013 Chevrolet Colorado

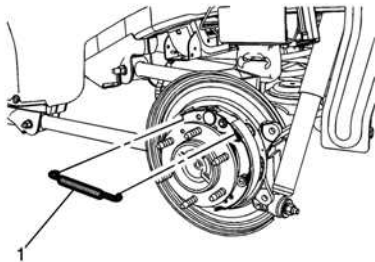
Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

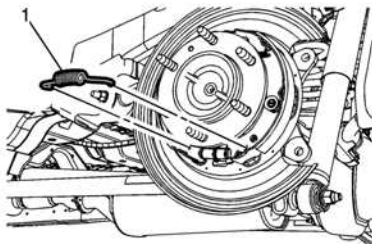
Removal Procedure

Warning: Refer to Brake Dust Warning.

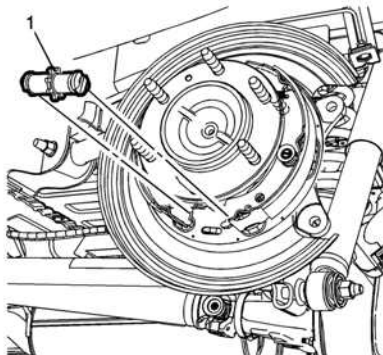
1. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.
2. Remove the tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.
3. Remove the rear brake rotor. Refer to Rear Brake Rotor Replacement.
4. Retract the park brake shoe adjuster to ease removal. Refer to Parking Brake Adjustment.



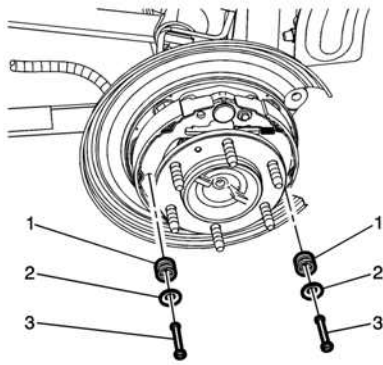
5. Remove the upper park brake shoe retainer spring (1).



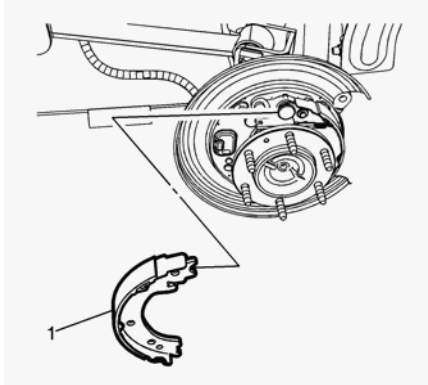
6. Remove the lower park brake shoe retainer spring (1).



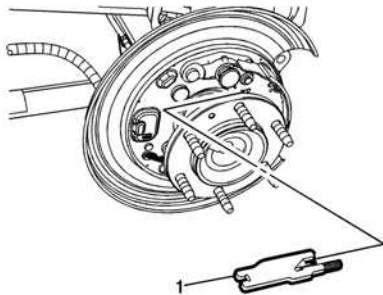
7. Remove the park brake shoe adjuster (1).



8. Remove the rear park brake shoe hold down springs (1) by compressing the spring cups (2) and rotating the hold down spring pins (3).

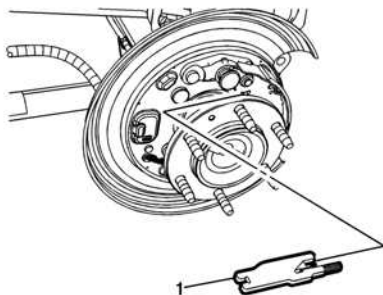


9. Remove the forward park brake shoe (1).

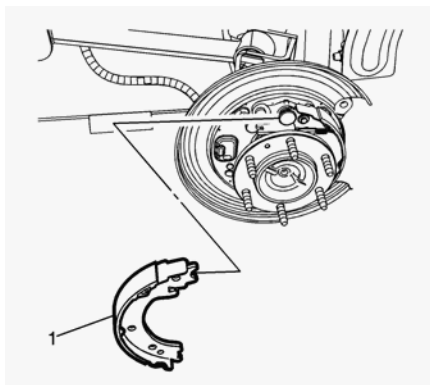


10. Remove the park brake shoe actuator (1).

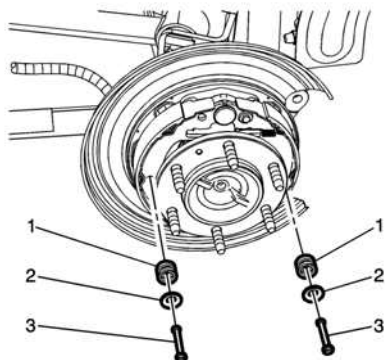
[Installation Procedure](#)



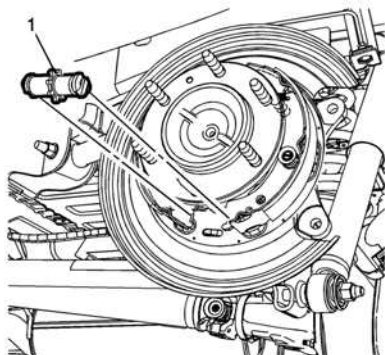
1. Install the park brake shoe actuator (1).



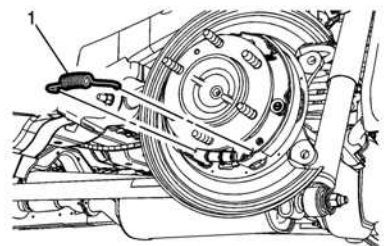
2. Install the forward park brake shoe (1).



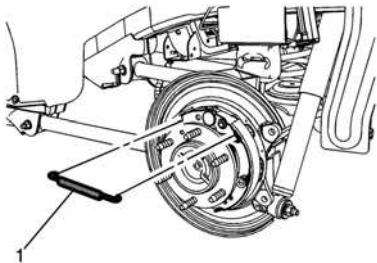
3. Install the rear park brake shoe hold down springs (1) by compressing the spring cups (2) and rotating the hold down spring pins (3) $\frac{1}{4}$ t



4. Install the park brake shoe adjuster (1).



5. Install the lower park brake shoe retainer spring (1).



6. Install the upper park brake shoe retainer spring (1).
7. Adjust the park brake. Refer to Parking Brake Adjustment.
8. Install the rear brake rotor. Refer to Rear Brake Rotor Replacement.
9. Install the tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

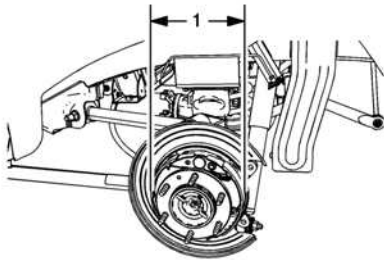
Special Tools

CH-230-A Gauge

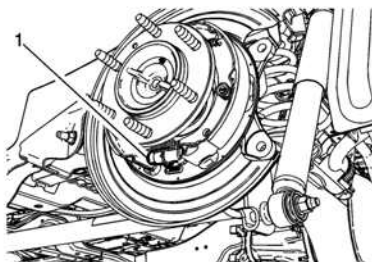
For equivalent regional tools refer to Special Tools.

Park Brake Shoe Adjustment

1. Apply and fully release the parking brake several times.
2. Verify that the parking brake lever releases completely.
3. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.
4. Remove the rear tire and wheel assemblies. Refer to Tire and Wheel Removal and Installation.
5. Remove the rear brake rotors. Refer to Rear Brake Rotor Replacement.
6. Set the outside diameter measurement of the CH-230-A Gauge to **209.5 mm (8 in)**.
7. Tighten the set screw of the CH-230-A Gauge.



8. Position the CH-230-A Gauge over the park brake shoes diameter (1).

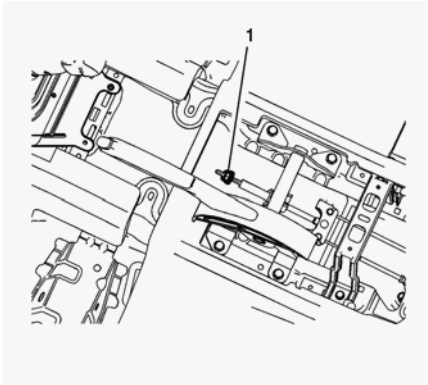


9. Rotate the adjuster (1) until the park brake shoes contact the CH-230-A Gauge.
10. Repeat steps 6 through 9 for the opposite park brake shoe assembly.
11. Install the rear brake rotors. Refer to Rear Brake Rotor Replacement.
12. Install the rear tire and wheel assemblies. Refer to Tire and Wheel Removal and Installation.
13. Lower the vehicle enough to allow access to the parking brake lever assembly, and the rear tire and wheel assemblies are free to rotate.
14. Perform the Parking Brake Lever Adjustment procedure.

Park Brake Lever Adjustment

1. Turn the ignition to ON with the engine OFF.
2. Verify the red BRAKE warning lamp is not illuminated.
3. If the red BRAKE warning lamp is illuminated, verify the following:

- The parking brake lever is in the fully released position and against the stop.
- There is no slack in the parking brake cables.
 - If the red BRAKE warning lamp remained illuminated and there were no other visible causes, refer to Symptoms - Hydraulic Brakes.
 - Turn the ignition to OFF.
 - Remove the front floor console, if equipped. Refer to Front Floor Console Replacement.
 - If equipped with bench seat, remove the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.



- Loosen the parking brake cable adjustment nut (1) enough to completely relieve tension on the parking brake cables.
- Ensure there is no park brake shoe drag after the park brake shoe adjustment by rotating the rear tire and wheel assemblies.
- If drag exists, re-center the park brake shoes and perform the park brake shoe adjustment again.
- Raise the parking brake lever 4 detent positions.

Caution: Refer to Fastener Caution.

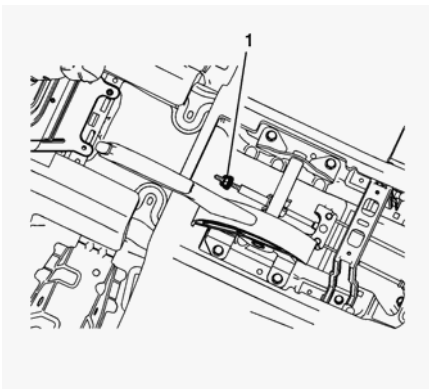
- Tighten the parking brake cable nut until the slack in the parking brake cables is removed.
- Raise the parking brake lever an additional 4 detent positions.
- Attempt to rotate the rear tire and wheel assemblies. There should be no forward or rearward rotation.
- Fully release the parking brake lever.
- Verify the parking brake is released by rotating the rear tire and wheel assemblies.
- The tire and wheel assemblies should rotate freely and exhibit no park brake shoe drag.
- If the rear tire and wheel assemblies do not rotate freely, repeat the parking brake cable adjustment procedure.
- Raise the parking brake lever 8 detent positions.
- Attempt to rotate the rear tire and wheel assemblies. There should be no forward or rearward rotation.
- If equipped with bench seat, install the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
- Install the front floor console, if equipped. Refer to Front Floor Console Replacement.
- Release the parking brake lever.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:

Warning: Refer to Brake Dust Warning.

1. Apply and fully release the parking brake several times. Verify that the parking brake lever releases completely.
 2. Turn ON the ignition. Verify the red BRAKE warning lamp is not illuminated.
 3. If the red BRAKE warning lamp is illuminated, verify the following:
- The parking brake lever is in the fully released position and against the stop.
 - There is no slack in the parking brake cables.
 - If the red BRAKE warning lamp remained illuminated and there were no other visible causes, refer to Symptoms - Hydraulic Brakes.
 - Turn OFF the ignition.
 - Remove the front floor console, if equipped. Refer to Front Floor Console Replacement.
 - If equipped with bench seat, remove the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
 - Adjust the rear drum brakes. Refer to Drum Brake Adjustment.



- Loosen the parking brake cable adjustment nut (1) enough to completely relieve tension on the parking brake cables.
- Remove the rear tire and wheel assemblies. Refer to Tire and Wheel Removal and Installation.
- Ensure there is no brake shoe drag after adjustment by rotating the brake drums. If drag exists, re-center the brake shoes and perform the brake again.
- Raise the parking brake lever 4 detent positions.

Caution: Refer to Fastener Caution.

- Tighten the parking brake cable adjustment nut until the slack in the parking brake cables is removed.
 - Raise the parking brake lever an additional 2 detent positions.
 - Attempt to rotate the rear brake drums. There should be no rotation forward or rearward.
 - Fully release the parking brake lever.
 - Verify the parking brake is released by rotating the rear brake drums. The drums should rotate freely and exhibit no brake shoe drag.
 - If the drums do not rotate freely, repeat the parking brake cable adjustment procedure.
 - Raise the parking brake lever 3 detent positions and attempt to rotate the rear brake drums:
-
- One of the brake drums should not rotate forward or rearward.
 - The other brake drum should not rotate forward or rearward, or should require substantial effort to rotate.
-
- Raise the parking brake lever 1 additional detent position and attempt to rotate the rear brake drums.
 - Verify that the left and right brake drums cannot be rotated.
 - Install the rear tire and wheel assemblies. Refer to Tire and Wheel Removal and Installation.
 - If equipped with bench seat, install the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
 - Install the front floor console, if equipped. Refer to Front Floor Console Replacement.
 - Release the parking brake lever.

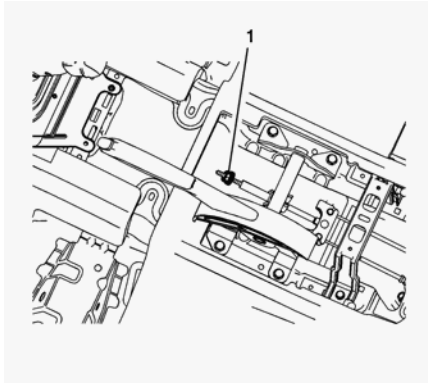
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

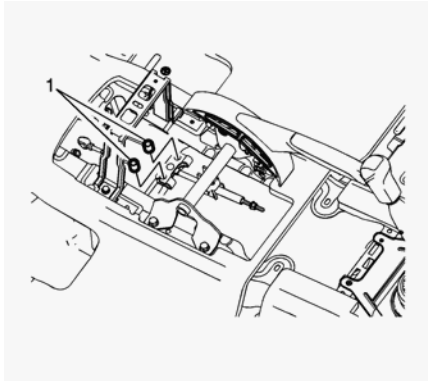
Fuel Delivery: | Fuel:

Removal Procedure

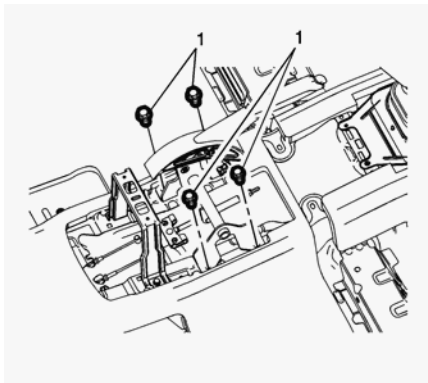
1. Place the parking brake lever in the fully released position.
2. Remove the bench seat. Refer to Driver or Passenger Seat Removal and Installation.
3. Remove the parking brake lever cover.
4. Disconnect the parking brake indicator switch electrical connector.



5. Using only hand tools, completely loosen the parking brake cable adjuster nut (1).



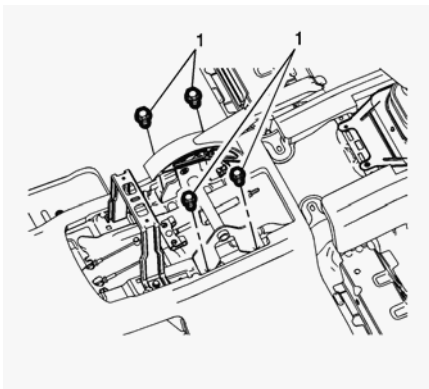
6. Disconnect the parking brake cable fittings (1) from the parking brake lever equalizer.



7. Remove the parking brake lever bolts (1).
8. Remove the parking brake lever assembly.

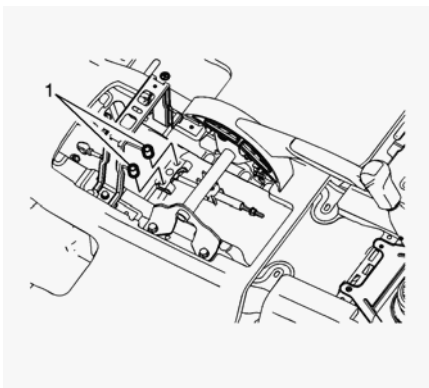
Installation Procedure

1. Install the parking brake lever assembly.



Caution: Refer to Fastener Caution.

2. Install the parking brake lever bolts (1) and tighten to **15 Y (11 lb ft)**.



3. Connect the parking brake cable fittings (1) to the parking brake lever equalizer.
4. Connect the parking brake indicator switch electrical connector.
5. Adjust the parking brake. Refer to Parking Brake Adjustment.
6. Install the parking brake lever cover.
7. Install the bench seat. Refer to Driver or Passenger Seat Removal and Installation.

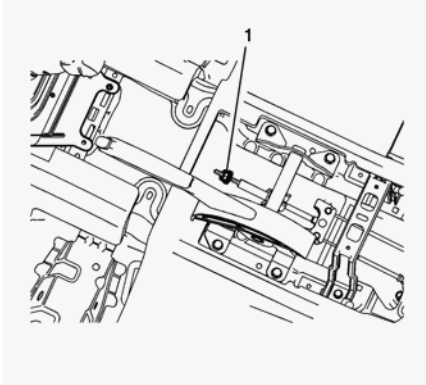
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

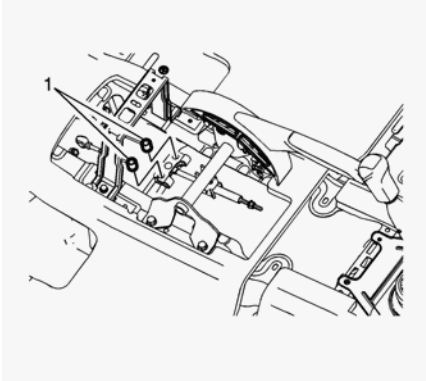
Fuel Delivery: | Fuel:

Removal Procedure

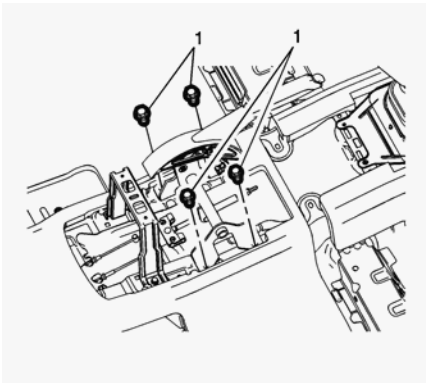
1. Remove the front floor console. Refer to Front Floor Console Replacement.
2. Place the parking brake lever in the fully released position.
3. Disconnect the parking brake indicator switch electrical connector.



4. Using only hand tools, completely loosen the parking brake cable adjuster nut (1).



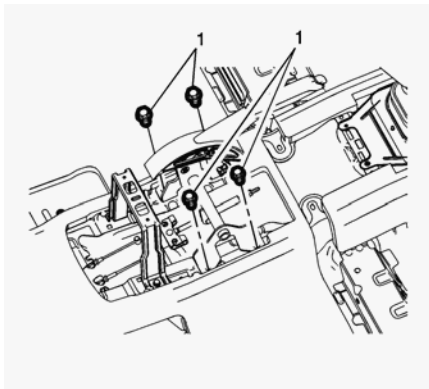
5. Disconnect the parking brake cable fittings (1) from the parking brake lever equalizer.



6. Remove the parking brake lever bolts (1).
7. Remove the parking brake lever assembly.

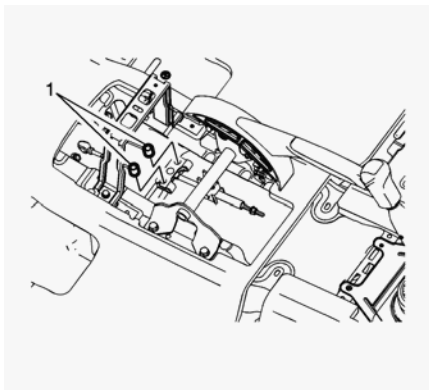
Installation Procedure

1. Install the parking brake lever assembly.



Caution: Refer to Fastener Caution.

2. Install the parking brake lever bolts (1) and tighten to **15 Y (11 lb ft)**.



3. Connect the parking brake cable fittings (1) to the parking brake lever equalizer.
4. Connect the parking brake indicator switch electrical connector.
5. Adjust the parking brake. Refer to Parking Brake Adjustment.
6. Install the front floor console. Refer to Front Floor Console Replacement.

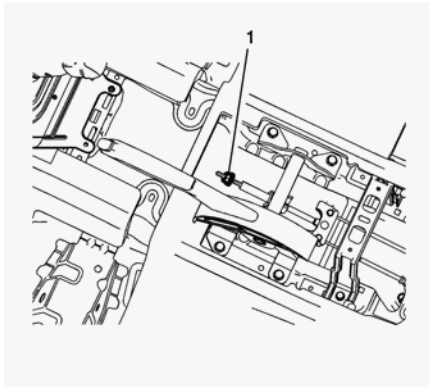
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

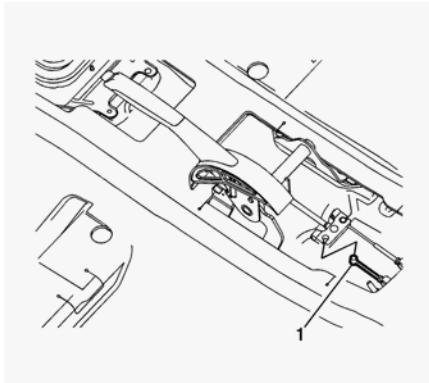
Fuel Delivery: | Fuel:

Removal Procedure

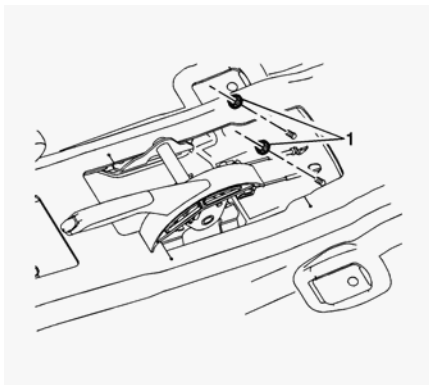
1. Remove the front floor console, if equipped. Refer to Front Floor Console Replacement.
2. If equipped with bench seat, remove the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
3. Place the parking brake lever in the fully released position.



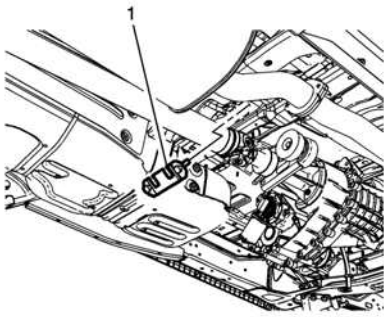
4. Using only hand tools, completely loosen the parking brake cable adjuster nut (1).



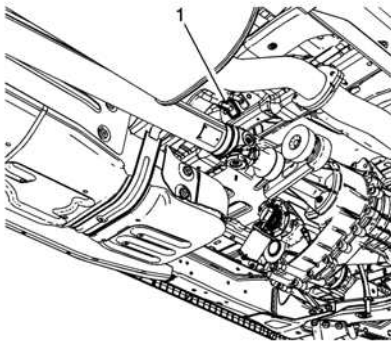
5. Disconnect the left rear parking brake cable fitting (1) from the parking brake lever equalizer.



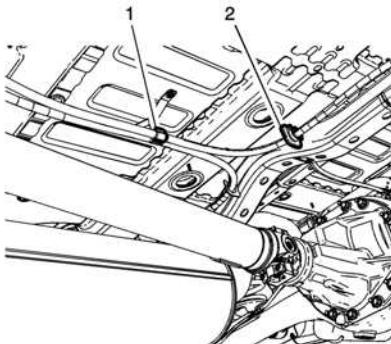
6. Remove the parking brake cable retainer plate nuts (1).
7. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.



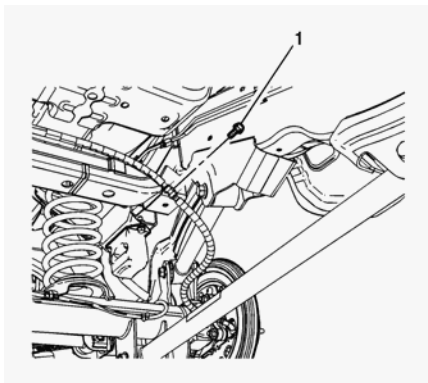
8. Remove the parking brake cable retaining plate (1).



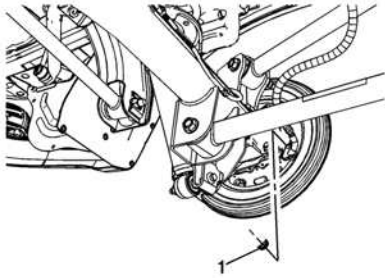
9. Release the left rear parking brake cable pass through grommet (1).
10. Remove the fuel tank. Refer to Fuel Tank Replacement.



11. Release the left rear parking brake cable from the retaining bracket (1).
12. Release the left rear parking brake cable from the routing bracket (2).



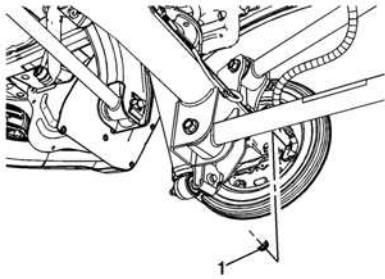
13. Remove the left rear parking brake cable bracket bolt (1).



14. Remove the left rear parking brake cable nut (1).
15. Remove the left parking brake shoes. Refer to Brake Shoe Replacement.
16. Pull the left rear parking brake cable assembly through the rear brake backing plate.

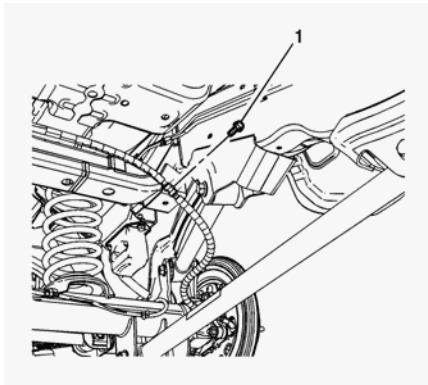
Installation Procedure

1. Install the left rear parking brake cable through the rear brake backing plate.

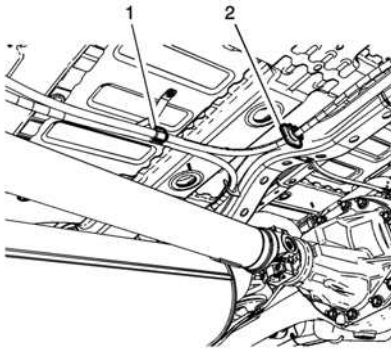


Caution: Refer to Fastener Caution.

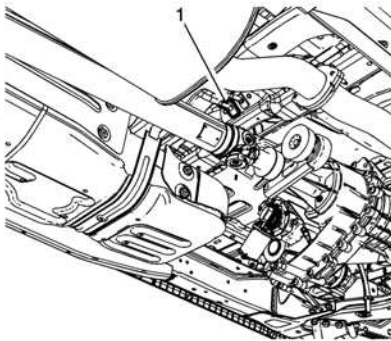
2. Install the left rear parking brake cable nut (1).
3. Install the left parking brake shoes. Refer to Brake Shoe Replacement.



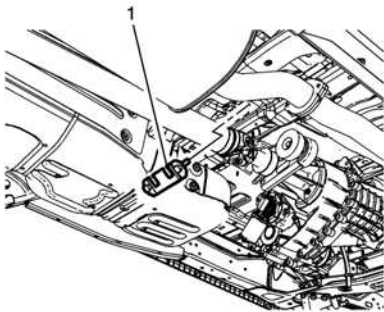
4. Install the left rear parking brake cable bracket bolt (1) and tighten to **22 Y (16 lb ft)**.



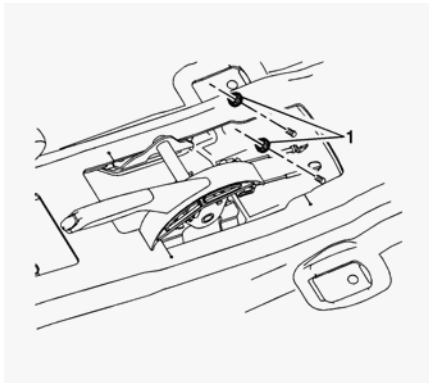
5. Install the left rear parking brake cable to the retaining bracket (1).
6. Install the left rear parking brake cable to the routing bracket (2).
7. Install the fuel tank. Refer to Fuel Tank Replacement.



8. Install the left rear parking brake cable pass through grommet (1).



9. Install the parking brake cable retaining plate (1).
10. Install the left rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.
11. Lower the vehicle.



12. Install the parking brake cable retainer plate nuts (1) and tighten to **25 Y (18 lb ft)**.



13. Connect the left rear parking brake cable fitting (1) to the parking brake lever equalizer.
14. Adjust the parking brake. Refer to Parking Brake Adjustment.
15. If equipped with bench seat, Install the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
16. Install the front floor console, if equipped. Refer to Front Floor Console Replacement.

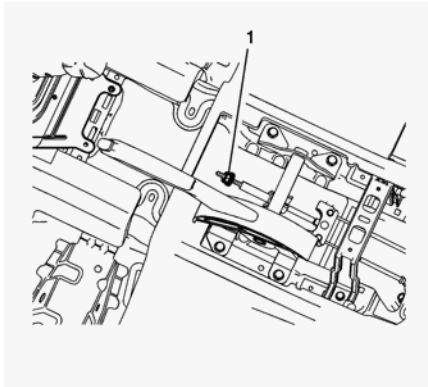
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

Removal Procedure

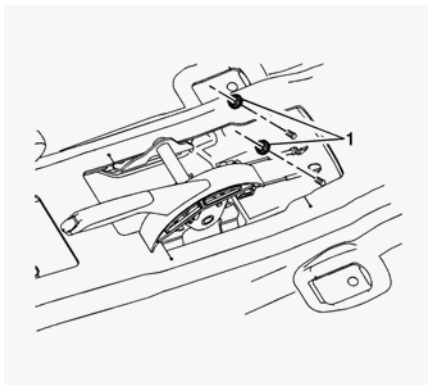
1. Remove the front floor console, if equipped. Refer to Front Floor Console Replacement.
2. If equipped with bench seat, remove the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
3. Place the parking brake lever in the fully released position.



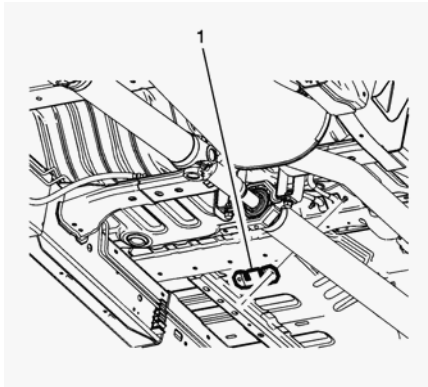
4. Using only hand tools, completely loosen the parking brake cable adjuster nut (1).



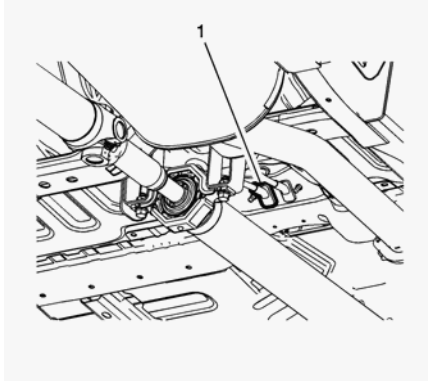
5. Disconnect the left rear parking brake cable fitting (1) from the parking brake lever equalizer.



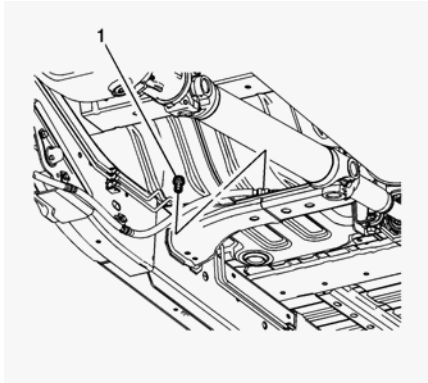
6. Remove the parking brake cable retainer plate nuts (1).
7. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.



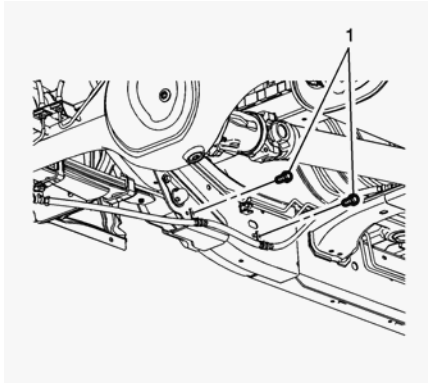
8. Remove the parking brake cable retaining plate (1).



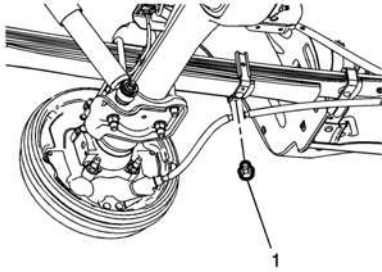
9. Release the left rear parking brake cable pass through grommet (1).
10. Remove the fuel tank. Refer to Fuel Tank Replacement.



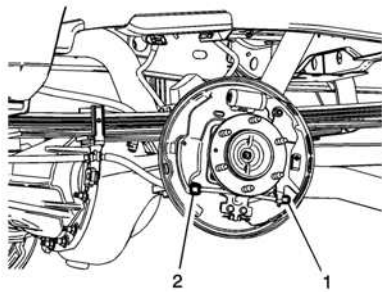
11. Remove the left rear parking brake front cable bolt (1).



12. Remove the left rear parking brake cable bolts (1).



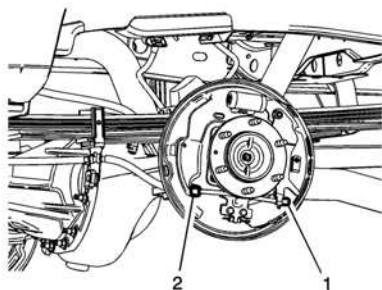
13. Remove the left rear parking brake cable bolt (1).
14. Remove the left rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.
15. Remove the left rear brake shoes. Refer to Brake Shoe Replacement.



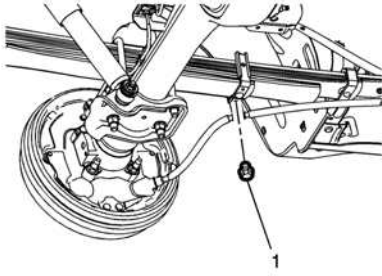
16. Compress the parking brake cable spring and release the parking brake cable fitting (1) from the parking brake actuator lever.
17. Compress the locking tabs and release the left rear parking brake cable retainer (2) from the rear brake backing plate.
18. Remove the left rear parking brake cable from the vehicle.

Installation Procedure

1. Install the left rear parking brake cable to the vehicle.

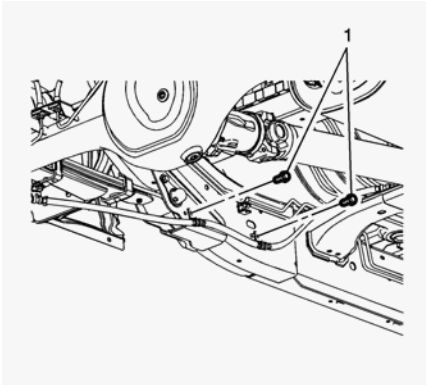


2. Compress the parking brake cable spring and install the parking brake cable fitting (1) to the parking brake actuator lever.
3. Ensure the left rear parking brake cable retainer (2) locking tabs are fully engaged in rear brake backing plate.
4. Install the left rear brake shoes. Refer to Brake Shoe Replacement.

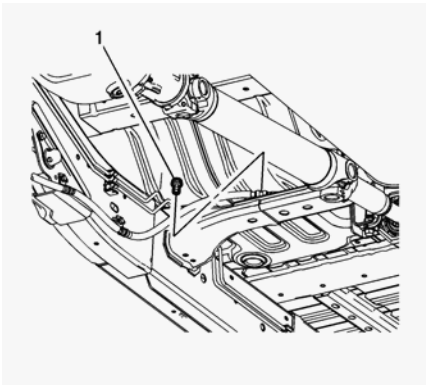


Caution: Refer to Fastener Caution.

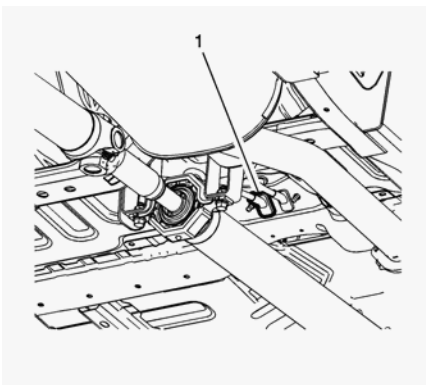
5. Install the left rear parking brake cable bolt (1) and tighten to **7 Y (62 lb in)**.



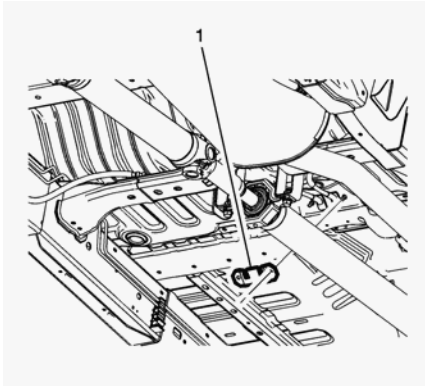
6. Install the left rear parking brake cable bolts (1) and tighten to **7 Y (62 lb in)**.



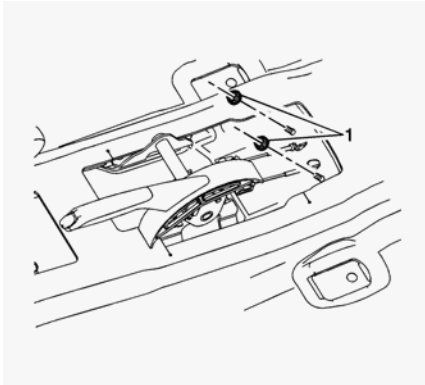
7. Install the left rear parking brake cable front cable bolt (1) and tighten to **25 Y (18 lb ft)**.



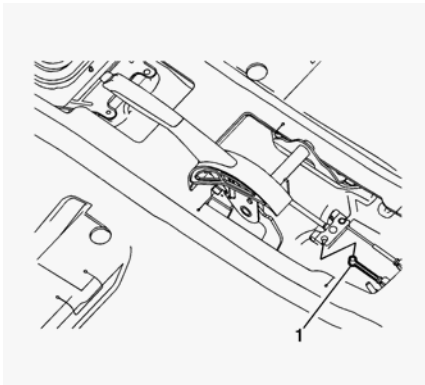
8. Install the left rear parking brake cable pass through grommet (1).



9. Install the parking brake cable retaining plate (1).
10. Install the fuel tank. Refer to Fuel Tank Replacement.
11. Install the left rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.
12. Lower the vehicle.



13. Install the parking brake cable retainer plate nuts (1) and tighten to **25 Y (18 lb ft)**.



14. Connect the left rear parking brake cable fitting (1) to the parking brake lever equalizer.
15. Adjust the parking brake. Refer to Parking Brake Adjustment.
16. If equipped with bench seat, Install the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
17. Install the front floor console, if equipped. Refer to Front Floor Console Replacement.

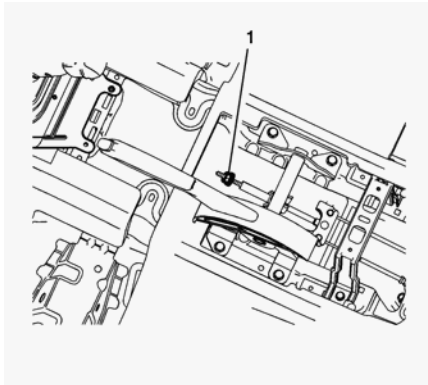
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

Removal Procedure

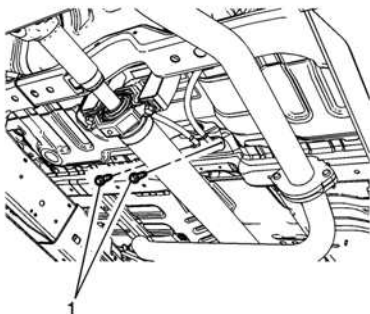
1. Remove the front floor console, if equipped. Refer to Front Floor Console Replacement.
2. If equipped with bench seat, remove the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
3. Place the parking brake lever in the fully released position.



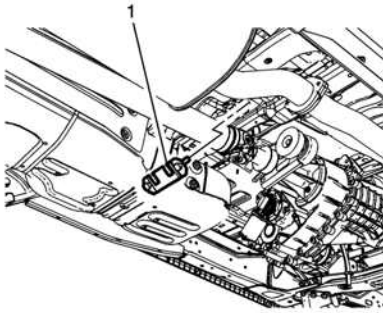
4. Using only hand tools, completely loosen the parking brake cable adjuster nut (1).



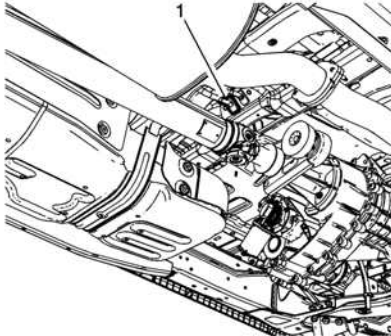
5. Disconnect the left rear parking brake cable fitting (1) from the parking brake lever equalizer.
6. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.



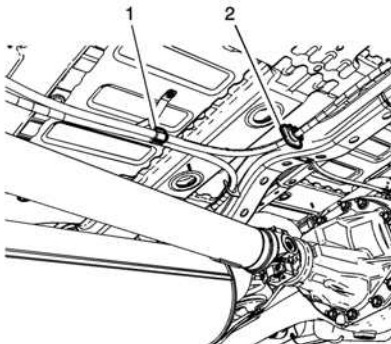
7. Remove the parking brake cable retaining plate bolts (1).



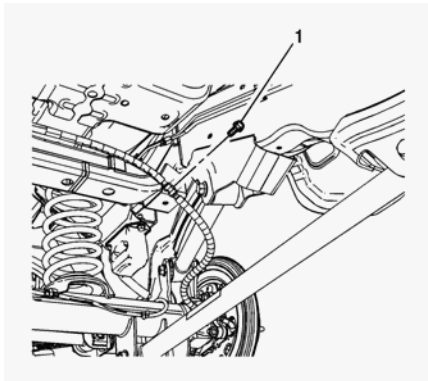
8. Remove the parking brake cable retaining plate (1).



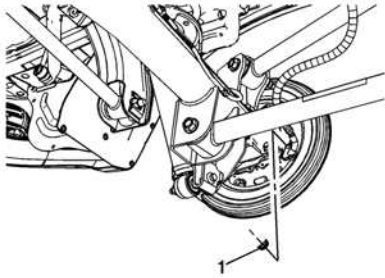
9. Release the left rear parking brake cable pass through grommet (1).
10. Remove the fuel tank. Refer to Fuel Tank Replacement.



11. Release the left rear parking brake cable from the retaining bracket (1).
12. Release the left rear parking brake cable from the routing bracket (2).



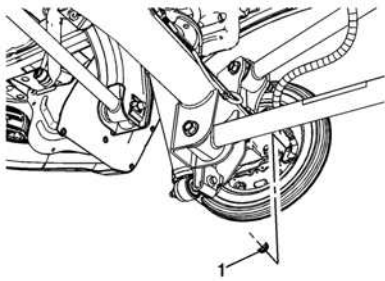
13. Remove the left rear parking brake cable bracket bolt (1).



14. Remove the left rear parking brake cable nut (1).
15. Remove the left parking brake shoes. Refer to Brake Shoe Replacement.
16. Pull the left rear parking brake cable assembly through the rear brake backing plate.

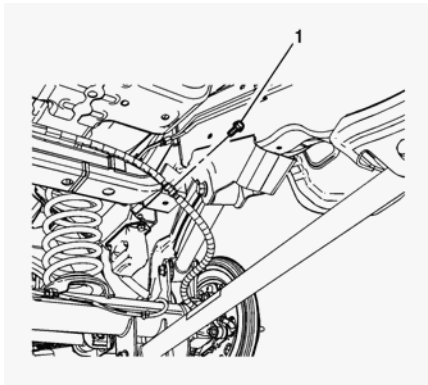
Installation Procedure

1. Install the left rear parking brake cable through the rear brake backing plate.

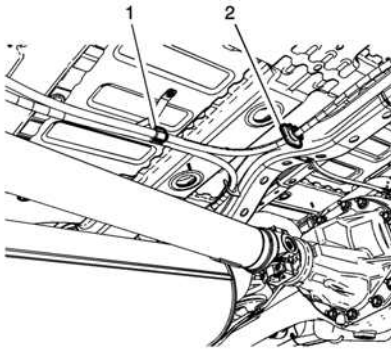


Caution: Refer to Fastener Caution.

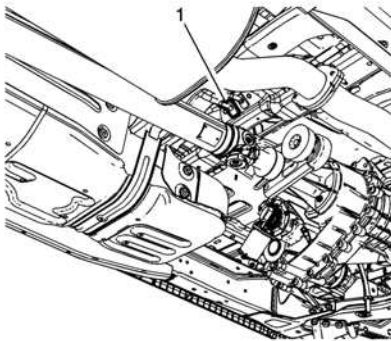
2. Install the left rear parking brake cable nut (1).
3. Install the left parking brake shoes. Refer to Brake Shoe Replacement.



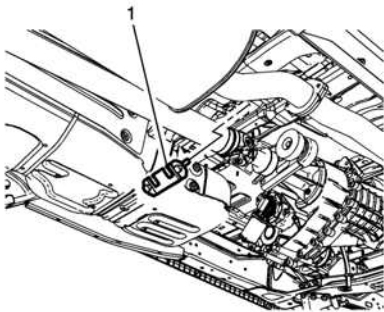
4. Install the left rear parking brake cable bracket bolt (1) and tighten to **22 Y (16 lb ft)**.



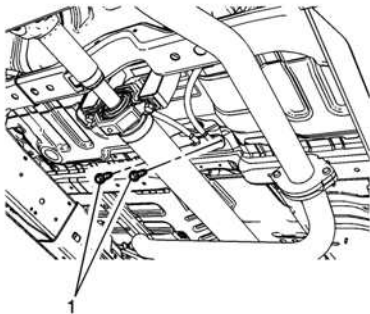
5. Install the left rear parking brake cable to the retaining bracket (1).
6. Install the left rear parking brake cable to the routing bracket (2).
7. Install the fuel tank. Refer to Fuel Tank Replacement.



8. Install the left rear parking brake cable pass through grommet (1).



9. Install the parking brake cable retaining plate (1).
10. Install the left rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.



11. Install the parking brake cable retaining plate bolts (1) and tighten to **22 Y (16 lb ft)**.

12. Lower the vehicle.



13. Connect the left rear parking brake cable fitting (1) to the parking brake lever equalizer.
14. Adjust the parking brake. Refer to Parking Brake Adjustment.
15. If equipped with bench seat, Install the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
16. Install the front floor console, if equipped. Refer to Front Floor Console Replacement.

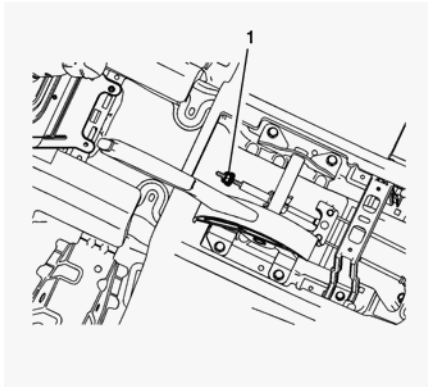
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

Removal Procedure

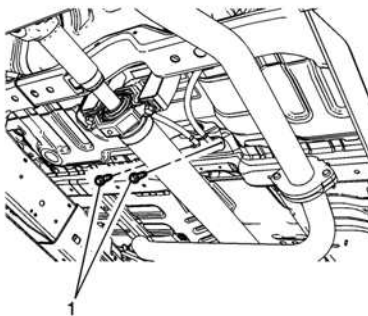
1. Remove the front floor console, if equipped. Refer to Front Floor Console Replacement.
2. If equipped with bench seat, remove the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
3. Place the parking brake lever in the fully released position.



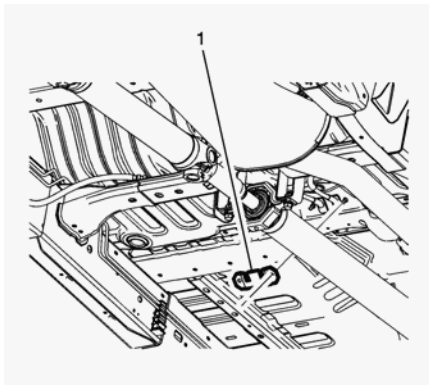
4. Using only hand tools, completely loosen the parking brake cable adjuster nut (1).



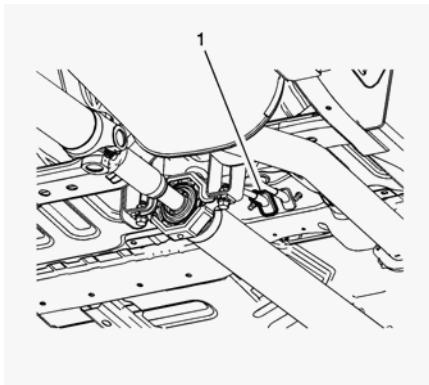
5. Disconnect the left rear parking brake cable fitting (1) from the parking brake lever equalizer.
6. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.



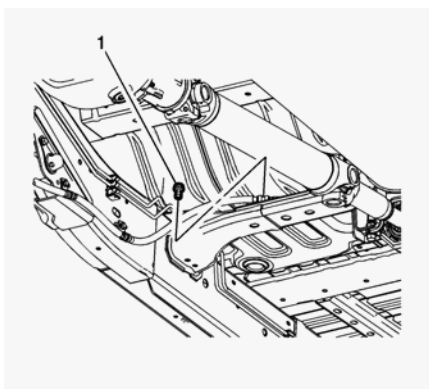
7. Remove the parking brake cable retaining plate bolts (1).



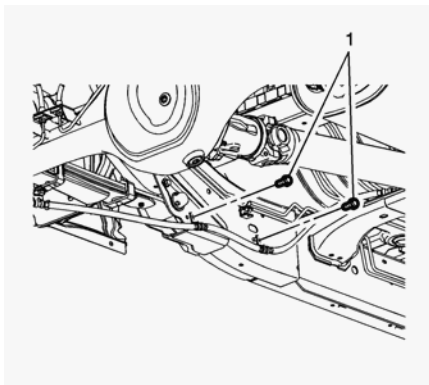
8. Remove the parking brake cable retaining plate (1).



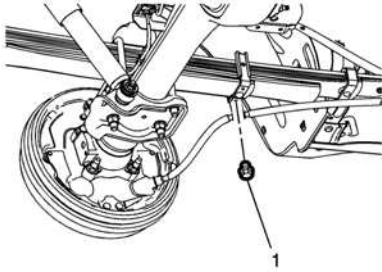
9. Release the left rear parking brake cable pass through grommet (1).
10. Remove the fuel tank. Refer to Fuel Tank Replacement.



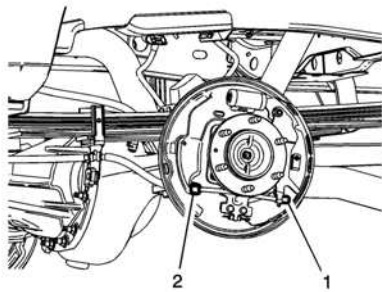
11. Remove the left rear parking brake front cable bolt (1).



12. Remove the left rear parking brake cable bolts (1).



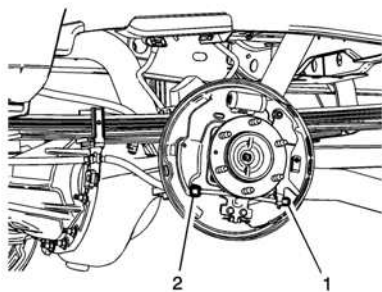
13. Remove the left rear parking brake cable bolt (1).
14. Remove the left rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.
15. Remove the left rear brake shoes. Refer to Brake Shoe Replacement.



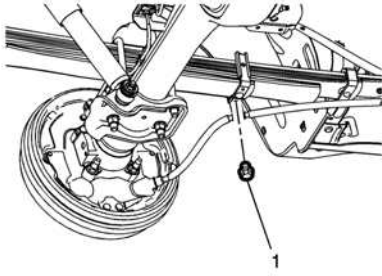
16. Compress the parking brake cable spring and release the parking brake cable fitting (1) from the parking brake actuator lever.
17. Compress the locking tabs and release the left rear parking brake cable retainer (2) from the rear brake backing plate.
18. Remove the left rear parking brake cable from the vehicle.

Installation Procedure

1. Install the left rear parking brake cable to the vehicle.

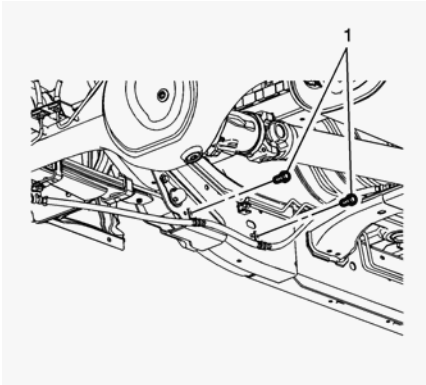


2. Compress the parking brake cable spring and install the parking brake cable fitting (1) to the parking brake actuator lever.
3. Ensure the left rear parking brake cable retainer (2) locking tabs are fully engaged in rear brake backing plate.
4. Install the left rear brake shoes. Refer to Brake Shoe Replacement.

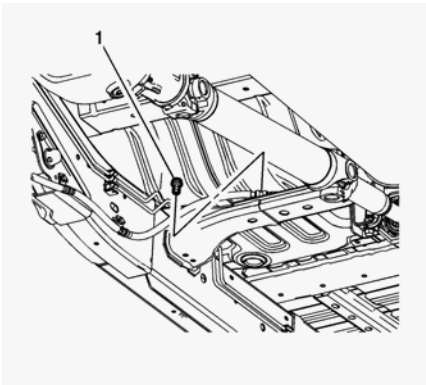


Caution: Refer to Fastener Caution.

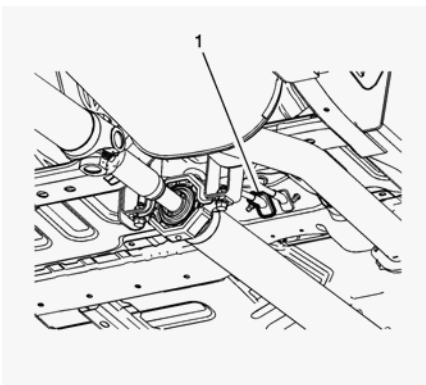
5. Install the left rear parking brake cable bolt (1) and tighten to **7 Y (62 lb in)**.



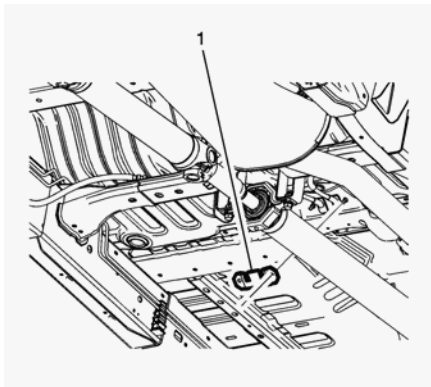
6. Install the left rear parking brake cable bolts (1) and tighten to **7 Y (62 lb in)**.



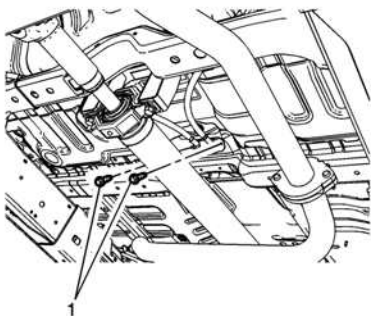
7. Install the left rear parking brake cable front cable bolt (1) and tighten to **25 Y (18 lb ft)**.



8. Install the left rear parking brake cable pass through grommet (1).



9. Install the parking brake cable retaining plate (1).
10. Install the fuel tank. Refer to Fuel Tank Replacement.
11. Install the left rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.



12. Install the parking brake cable retaining plate bolts (1) and tighten to **22 Y (16 lb ft)**.
13. Lower the vehicle.



14. Connect the left rear parking brake cable fitting (1) to the parking brake lever equalizer.
15. Adjust the parking brake. Refer to Parking Brake Adjustment.
16. If equipped with bench seat, Install the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
17. Install the front floor console, if equipped. Refer to Front Floor Console Replacement.

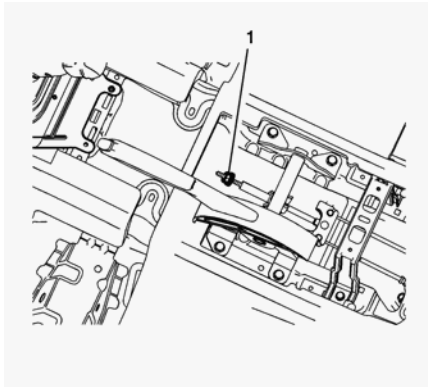
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

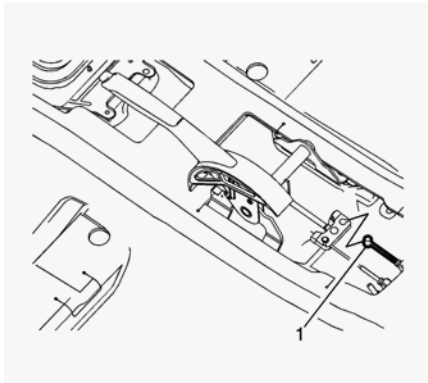
Fuel Delivery: | Fuel:

Removal Procedure

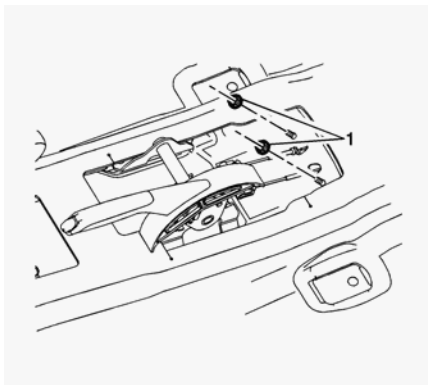
1. Remove the front floor console, if equipped. Refer to Front Floor Console Replacement.
2. If equipped with bench seat, remove the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
3. Place the parking brake lever in the fully released position.



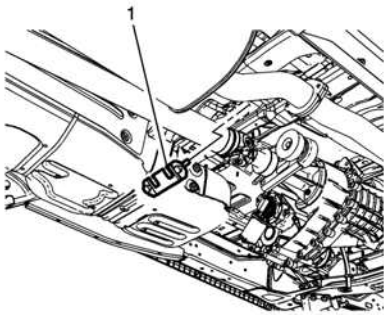
4. Using only hand tools, completely loosen the parking brake cable adjuster nut (1).



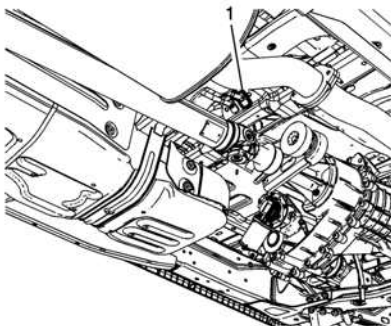
5. Disconnect the right rear parking brake cable fitting (1) from the parking brake lever equalizer.



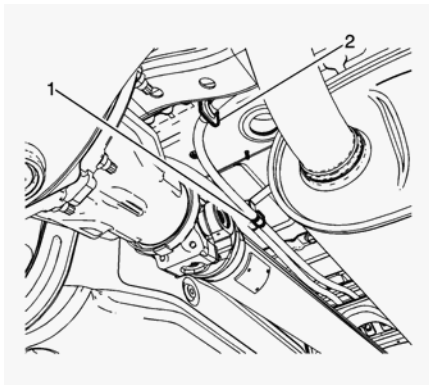
6. Remove the parking brake cable retainer plate nuts (1).
7. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.



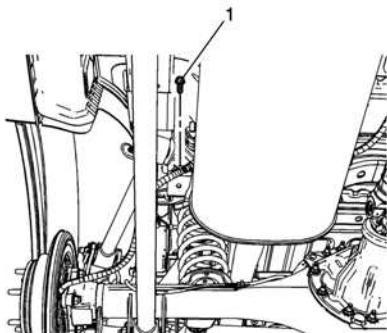
8. Remove the parking brake cable retaining plate (1).



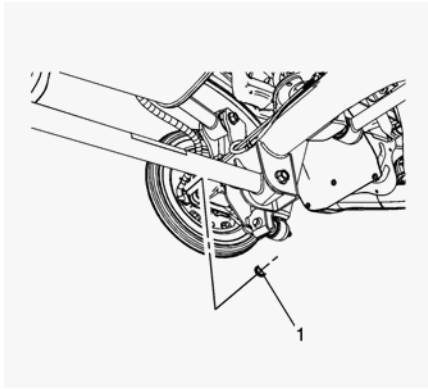
9. Release the right rear parking brake cable pass through grommet (1).



10. Release the right rear parking brake cable from the retaining bracket (1).
11. Release the right rear parking brake cable from the routing bracket (2).



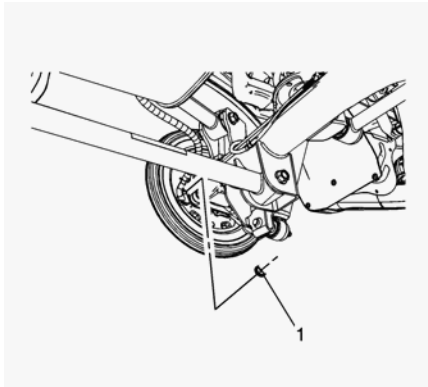
12. Remove the right rear parking brake cable bracket bolt (1).



13. Remove the right rear parking brake cable nut (1).
14. Remove the right parking brake shoes. Refer to Brake Shoe Replacement.
15. Pull the right rear parking brake cable assembly through the rear brake backing plate.

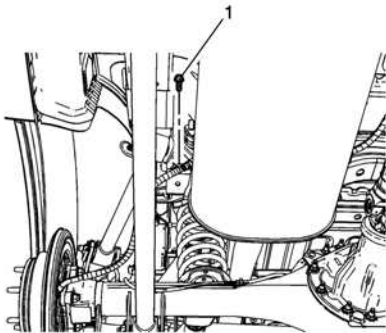
Installation Procedure

1. Install the right rear parking brake cable through the rear brake backing plate.

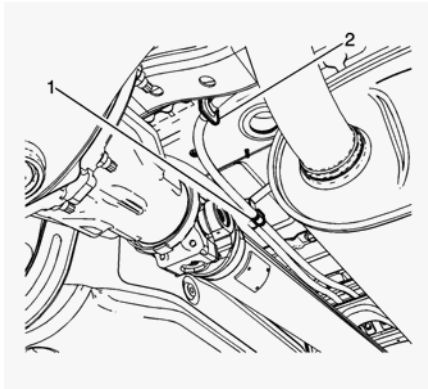


Caution: Refer to Fastener Caution.

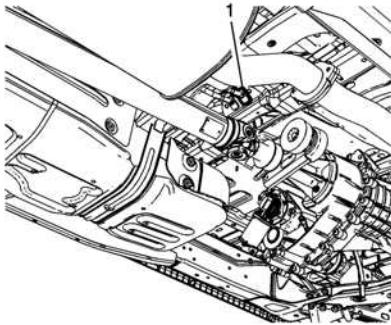
2. Install the right rear parking brake cable nut (1).
3. Install the right parking brake shoes. Refer to Brake Shoe Replacement.



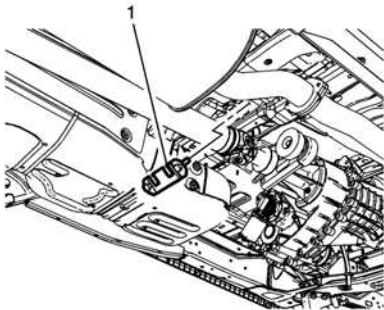
4. Install the right rear parking brake cable bracket bolt (1) and tighten to **22 Y (16 lb ft)**.



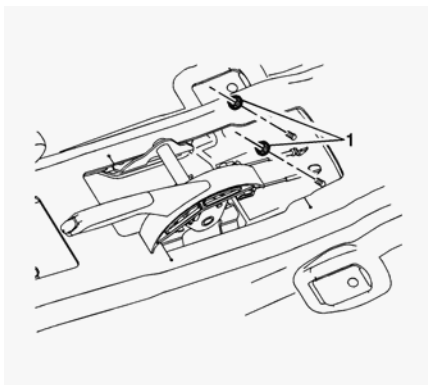
5. Install the right rear parking brake cable to the retaining bracket (1).
6. Install the right rear parking brake cable to the routing bracket (2).



7. Install the right rear parking brake cable pass through grommet (1).



8. Install the parking brake cable retaining plate (1).
9. Install the right rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.
10. Lower the vehicle.



11. Install the parking brake cable retainer plate nuts (1) and tighten to **25 Y (18 lb ft)**.



12. Connect the right rear parking brake cable fitting (1) to the parking brake lever equalizer.
13. Adjust the parking brake. Refer to Parking Brake Adjustment.
14. If equipped with bench seat, Install the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
15. Install the front floor console, if equipped. Refer to Front Floor Console Replacement.

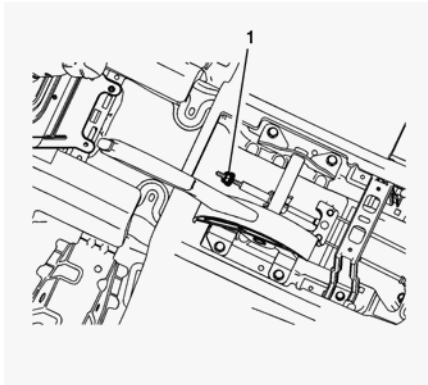
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

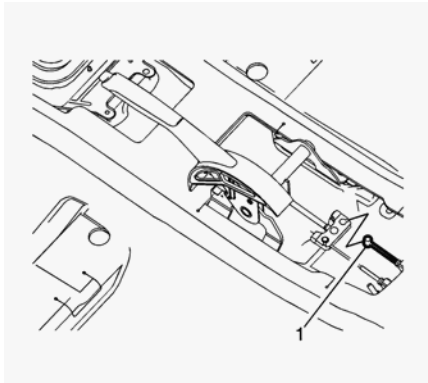
Fuel Delivery: | Fuel:

Removal Procedure

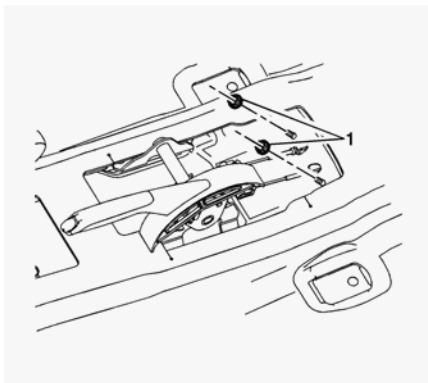
1. Remove the front floor console, if equipped. Refer to Front Floor Console Replacement.
2. If equipped with bench seat, remove the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
3. Place the parking brake lever in the fully released position.



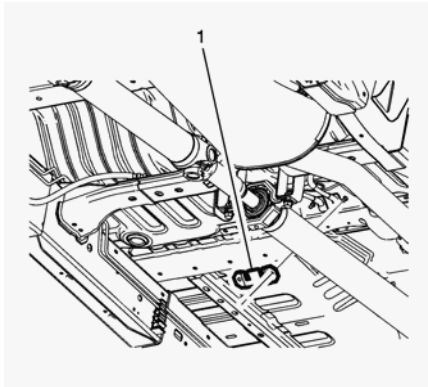
4. Using only hand tools, completely loosen the parking brake cable adjuster nut (1).



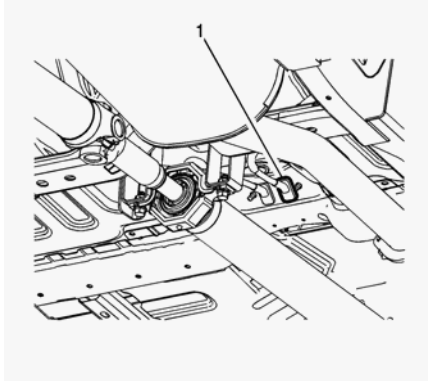
5. Disconnect the right rear parking brake cable fitting (1) from the parking brake lever equalizer.



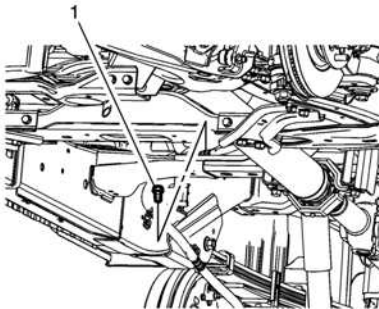
6. Remove the parking brake cable retainer plate nuts (1).
7. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.



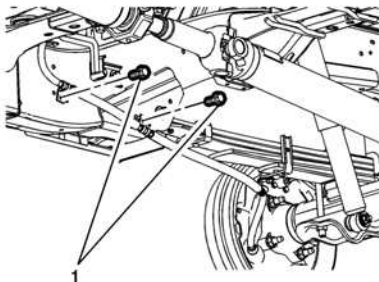
8. Remove the parking brake cable retaining plate (1).



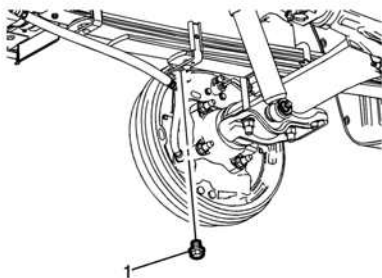
9. Release the right rear parking brake cable pass through grommet (1).



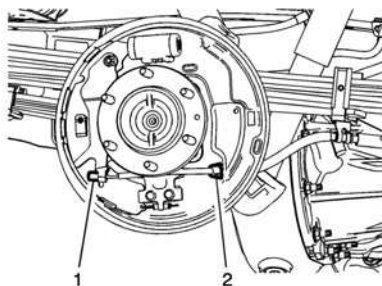
10. Remove the right rear parking brake front cable bolt (1).



11. Remove the right rear parking brake cable bolts (1).



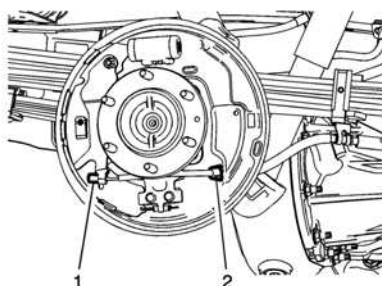
12. Remove the right rear parking brake cable bolt (1).
13. Remove the right rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.
14. Remove the right rear brake shoes. Refer to Brake Shoe Replacement.



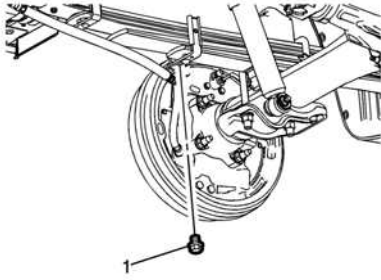
15. Compress the parking brake cable spring and release the parking brake cable fitting (1) from the parking brake actuator lever.
16. Compress the locking tabs and release the left rear parking brake cable retainer (2) from the rear brake backing plate.
17. Remove the left rear parking brake cable from the vehicle.

Installation Procedure

1. Install the right rear parking brake cable to the vehicle.

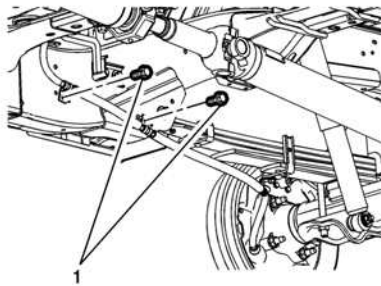


2. Compress the parking brake cable spring and install the parking brake cable fitting (1) to the parking brake actuator lever.
3. Ensure the right rear parking brake cable retainer (2) locking tabs are fully engaged in rear brake backing plate.
4. Install the right rear brake shoes. Refer to Brake Shoe Replacement.
5. Install the left rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.

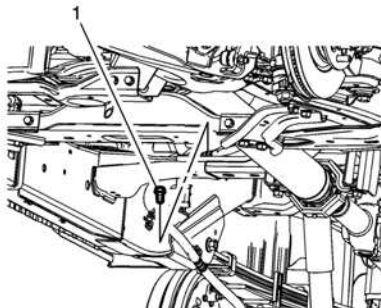


Caution: Refer to Fastener Caution.

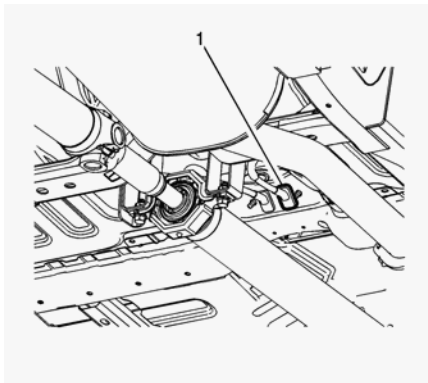
6. Install the right rear parking brake cable bolt (1) and tighten to **7 Y (62 lb in)**.



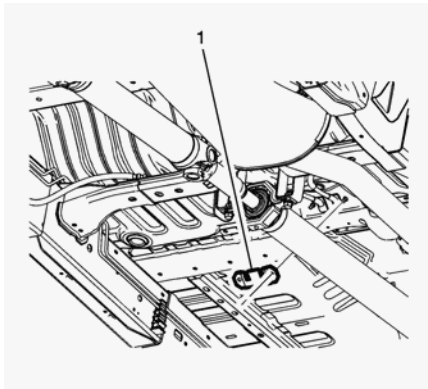
7. Install the right rear parking brake cable bolts (1) and tighten to **7 Y (62 lb in)**.



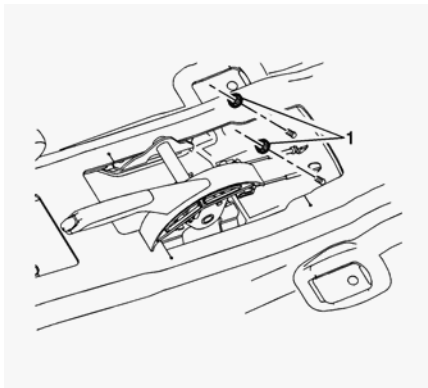
8. Install the right rear parking brake cable front cable bolt (1) and tighten to **25 Y (18 lb ft)**.



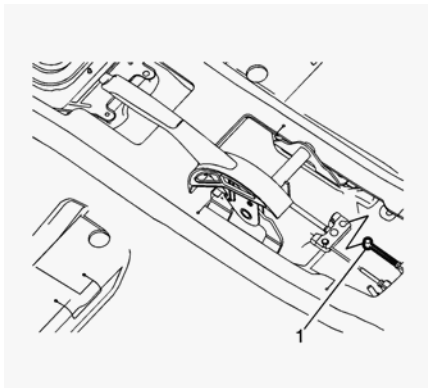
9. Install the left rear parking brake cable pass through grommet (1).



10. Install the parking brake cable retaining plate (1).
11. Install the right rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.
12. Lower the vehicle.



13. Install the parking brake cable retainer plate nuts (1) and tighten to **25 Y (18 lb ft)**.



14. Connect the right rear parking brake cable fitting (1) to the parking brake lever equalizer.
15. Adjust the parking brake. Refer to Parking Brake Adjustment.
16. Install the front floor console, if equipped. Refer to Front Floor Console Replacement.
17. If equipped with bench seat, install the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.

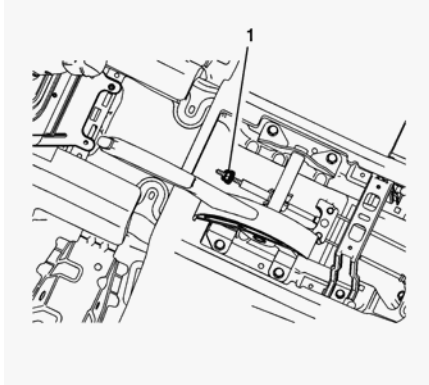
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

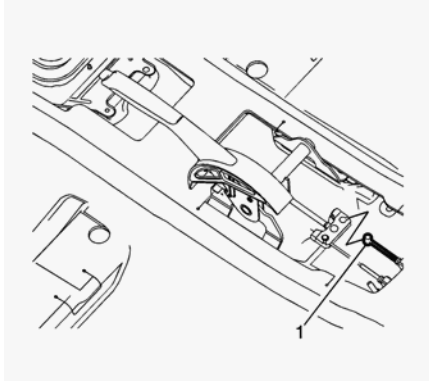
Fuel Delivery: | Fuel:

Removal Procedure

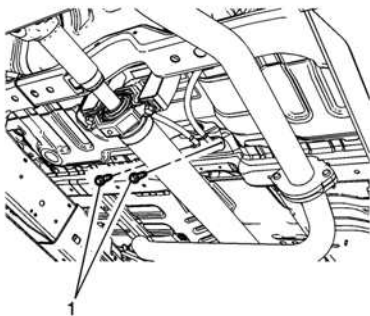
1. Remove the front floor console, if equipped. Refer to Front Floor Console Replacement.
2. If equipped with bench seat, remove the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
3. Place the parking brake lever in the fully released position.



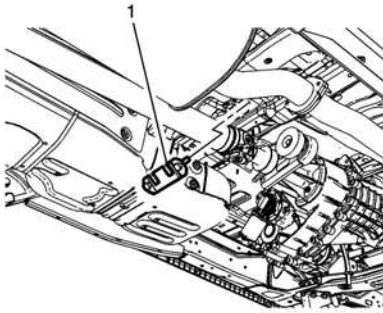
4. Using only hand tools, completely loosen the parking brake cable adjuster nut (1).



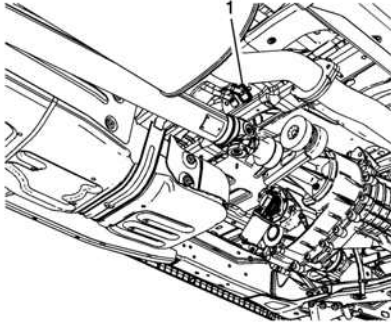
5. Disconnect the right rear parking brake cable fitting (1) from the parking brake lever equalizer.
6. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.



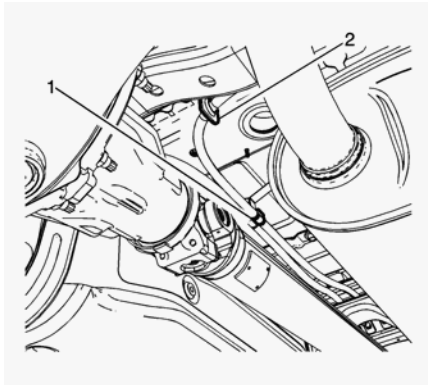
7. Remove the parking brake cable retaining plate bolts (1).



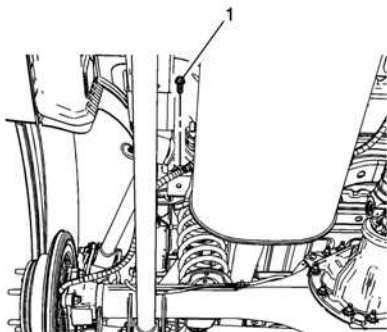
8. Remove the parking brake cable retaining plate (1).



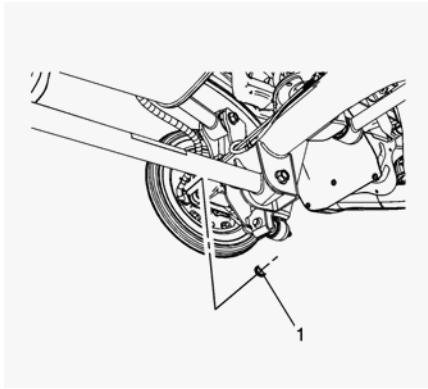
9. Release the right rear parking brake cable pass through grommet (1).



10. Release the right rear parking brake cable from the retaining bracket (1).
11. Release the right rear parking brake cable from the routing bracket (2).



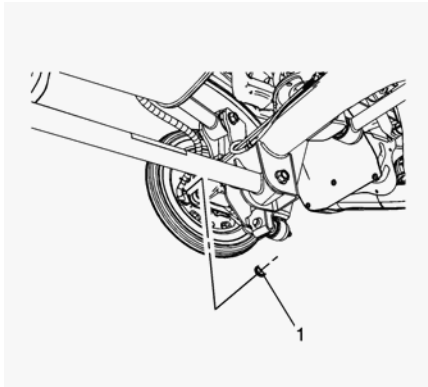
12. Remove the right rear parking brake cable bracket bolt (1).



13. Remove the right rear parking brake cable nut (1).
14. Remove the right parking brake shoes. Refer to Brake Shoe Replacement.
15. Pull the right rear parking brake cable assembly through the rear brake backing plate.

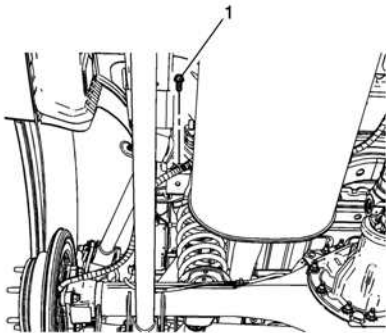
Installation Procedure

1. Install the right rear parking brake cable through the rear brake backing plate.

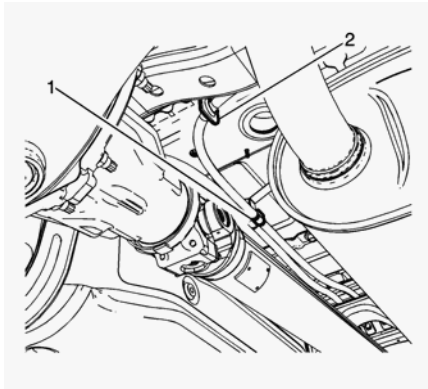


Caution: Refer to Fastener Caution.

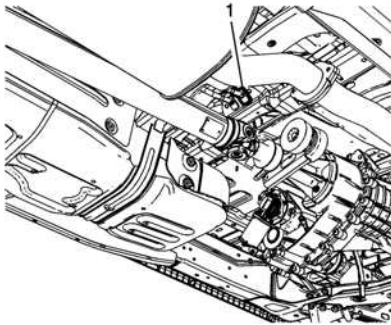
2. Install the right rear parking brake cable nut (1).
3. Install the right parking brake shoes. Refer to Brake Shoe Replacement.



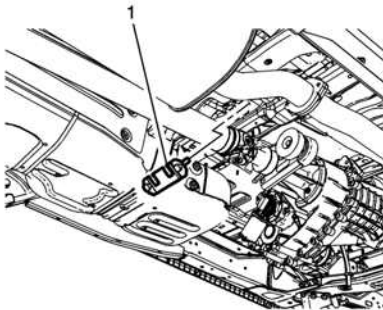
4. Install the right rear parking brake cable bracket bolt (1) and tighten to **22 Y (16 lb ft)**.



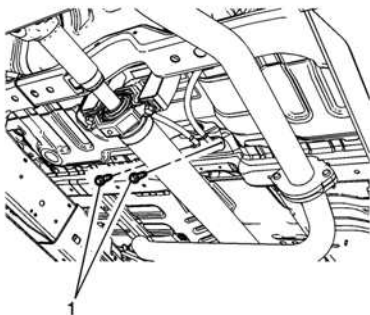
5. Install the right rear parking brake cable to the retaining bracket (1).
6. Install the right rear parking brake cable to the routing bracket (2).



7. Install the right rear parking brake cable pass through grommet (1).



8. Install the parking brake cable retaining plate (1).
9. Install the right rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.



10. Install the parking brake cable retaining plate bolts (1) and tighten to **22 Y (16 lb ft)**.
11. Lower the vehicle.



12. Connect the right rear parking brake cable fitting (1) to the parking brake lever equalizer.
13. Adjust the parking brake. Refer to Parking Brake Adjustment.
14. If equipped with bench seat, Install the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
15. Install the front floor console, if equipped. Refer to Front Floor Console Replacement.

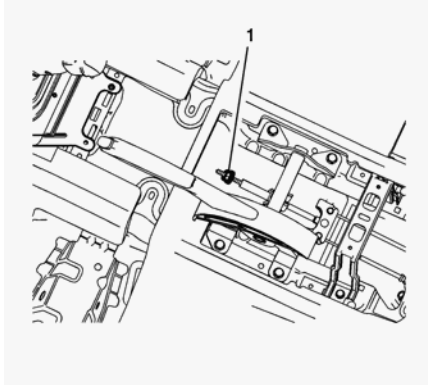
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

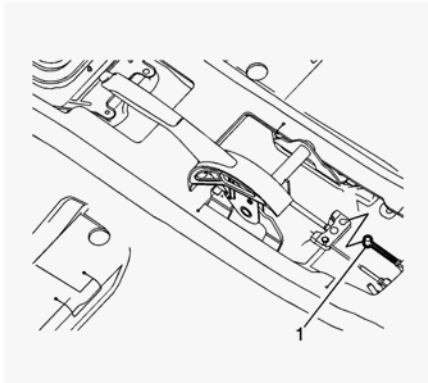
Fuel Delivery: | Fuel:

Removal Procedure

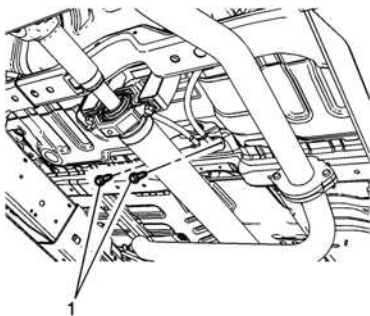
1. Remove the front floor console, if equipped. Refer to Front Floor Console Replacement.
2. If equipped with bench seat, remove the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
3. Place the parking brake lever in the fully released position.



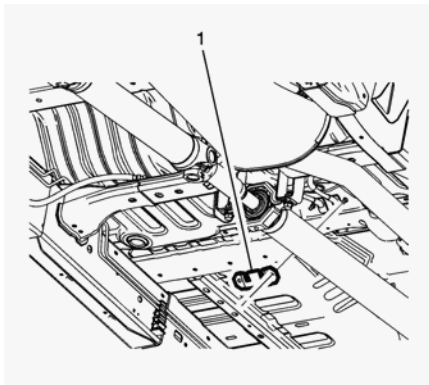
4. Using only hand tools, completely loosen the parking brake cable adjuster nut (1).



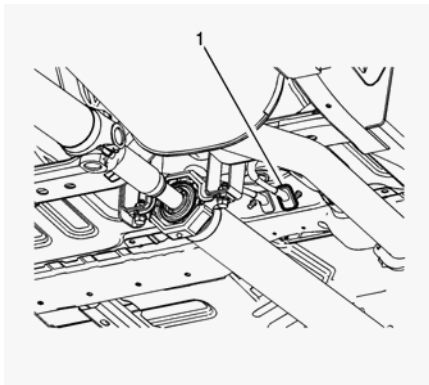
5. Disconnect the right rear parking brake cable fitting (1) from the parking brake lever equalizer.
6. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.



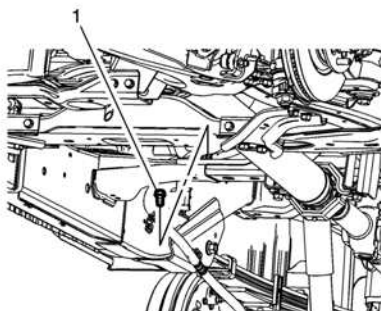
7. Remove the parking brake cable retaining plate bolts (1).



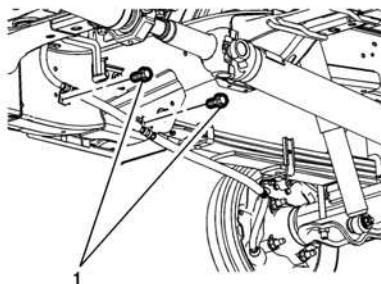
8. Remove the parking brake cable retaining plate (1).



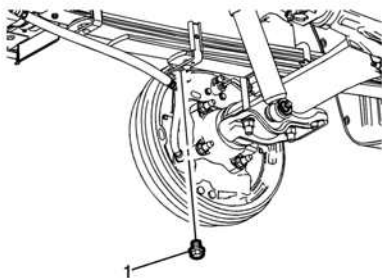
9. Release the right rear parking brake cable pass through grommet (1).



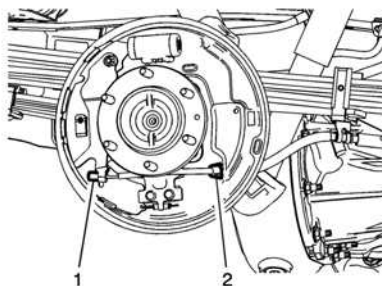
10. Remove the right rear parking brake front cable bolt (1).



11. Remove the right rear parking brake cable bolts (1).



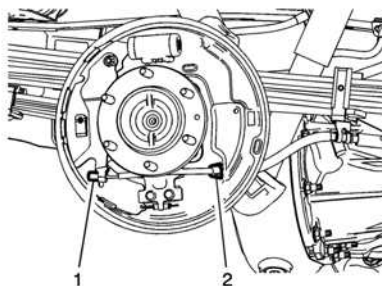
12. Remove the right rear parking brake cable bolt (1).
13. Remove the right rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.
14. Remove the right rear brake shoes. Refer to Brake Shoe Replacement.



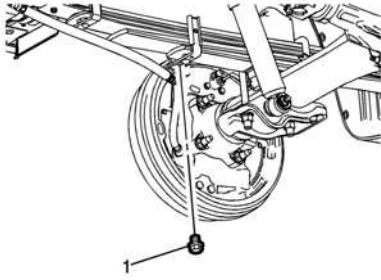
15. Compress the parking brake cable spring and release the parking brake cable fitting (1) from the parking brake actuator lever.
16. Compress the locking tabs and release the left rear parking brake cable retainer (2) from the rear brake backing plate.
17. Remove the left rear parking brake cable from the vehicle.

Installation Procedure

1. Install the right rear parking brake cable to the vehicle.

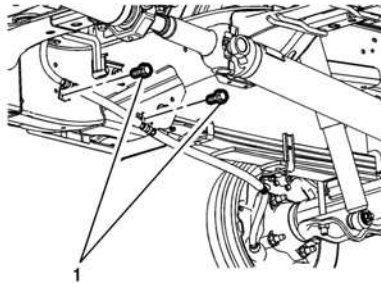


2. Compress the parking brake cable spring and install the parking brake cable fitting (1) to the parking brake actuator lever.
3. Ensure the right rear parking brake cable retainer (2) locking tabs are fully engaged in rear brake backing plate.
4. Install the right rear brake shoes. Refer to Brake Shoe Replacement.
5. Install the left rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.

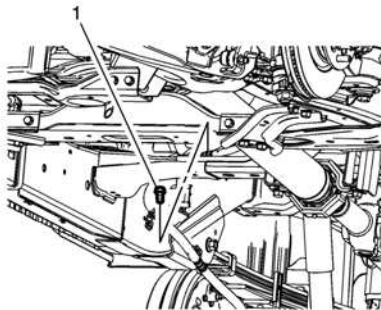


Caution: Refer to Fastener Caution.

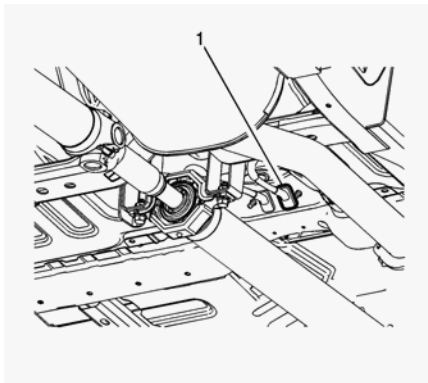
6. Install the right rear parking brake cable bolt (1) and tighten to **7 Y (62 lb in)**.



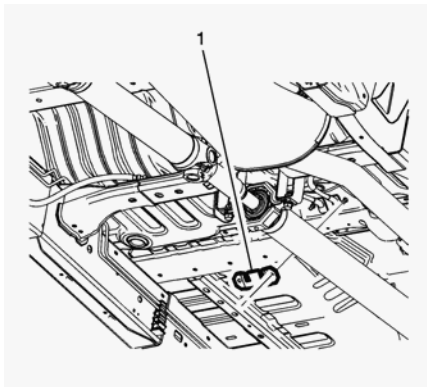
7. Install the right rear parking brake cable bolts (1) and tighten to **7 Y (62 lb in)**.



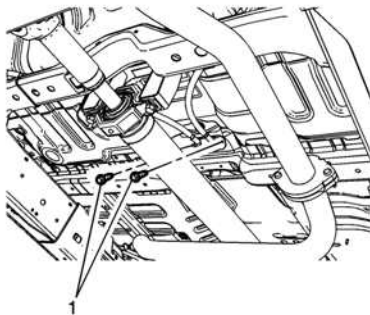
8. Install the right rear parking brake cable front cable bolt (1) and tighten to **25 Y (18 lb ft)**.



9. Install the left rear parking brake cable pass through grommet (1).



10. Install the parking brake cable retaining plate (1).
11. Install the right rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.



12. Install the parking brake cable retaining plate bolts (1) and tighten to **22 Y (16 lb ft)**.
13. Lower the vehicle.



14. Connect the right rear parking brake cable fitting (1) to the parking brake lever equalizer.
15. Adjust the parking brake. Refer to Parking Brake Adjustment.
16. Install the front floor console, if equipped. Refer to Front Floor Console Replacement.
17. If equipped with bench seat, install the passenger seat. Refer to Driver or Passenger Seat Removal and Installation.

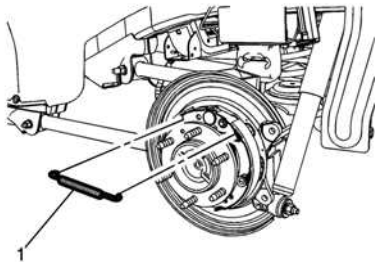
2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**

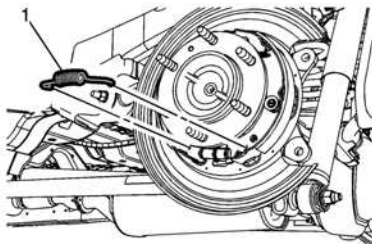
Removal Procedure

Warning: Refer to Brake Dust Warning.

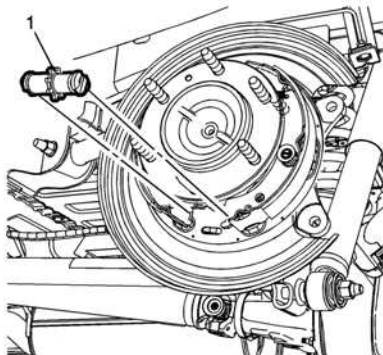
1. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.
2. Remove the tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.
3. Remove the rear brake rotor. Refer to Rear Brake Rotor Replacement.
4. Retract the park brake shoe adjuster to ease removal. Refer to Parking Brake Adjustment.



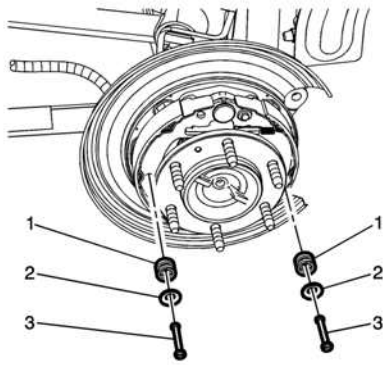
5. Remove the upper park brake shoe retainer spring (1).



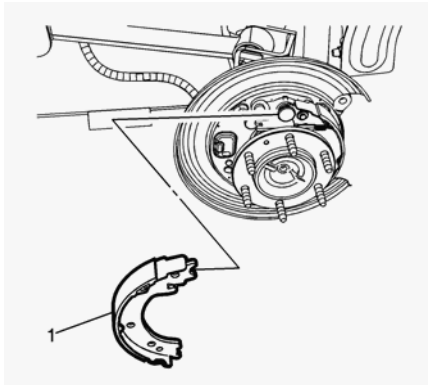
6. Remove the lower park brake shoe retainer spring (1).



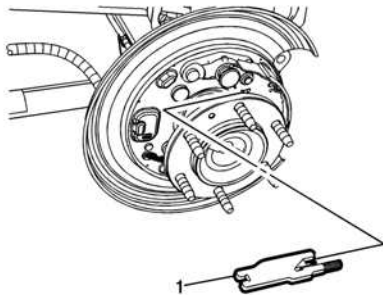
7. Remove the park brake shoe adjuster (1).



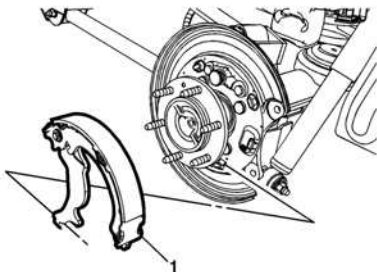
8. Remove the rear park brake shoe hold down springs (1) by compressing the spring cups (2) and rotating the hold down spring pins (3) 1/2 turn.



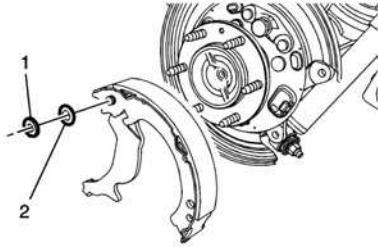
9. Remove the forward park brake shoe (1).



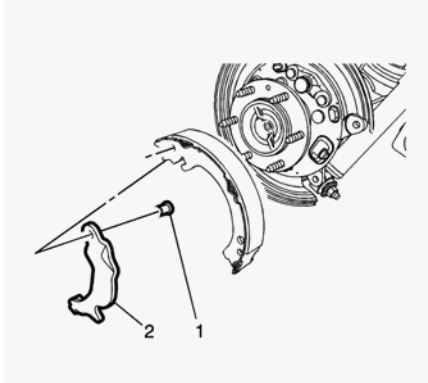
10. Remove the park brake shoe actuator (1).



11. Remove the rear park brake shoe (1) and actuator lever by compressing the park brake cable spring and disconnecting the park brake actuator lever.



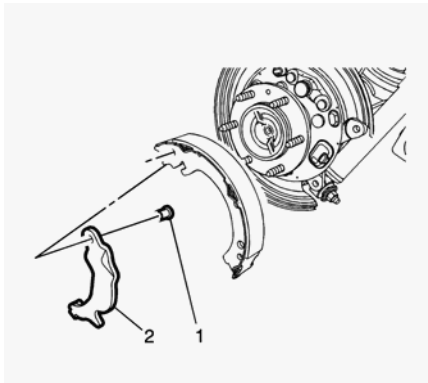
12. Remove the actuator lever horse shoe clip (1) and spring washer (2).
13. Discard the horse shoe clip.



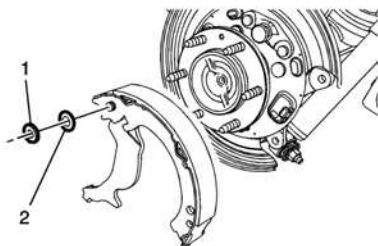
14. Remove the park brake shoe pivot pin (1) and actuator lever (2) from the rear park brake shoe.
15. Clean the rear brake backing plate with denatured alcohol or equivalent and allow to dry.

Installation Procedure

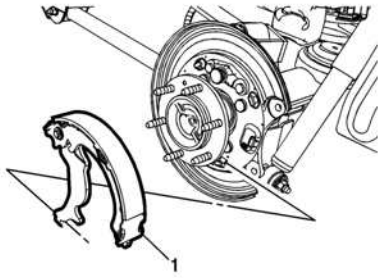
1. Apply a light coat of high temperature brake lubricant to the park brake shoe contact areas of the brake backing plate.



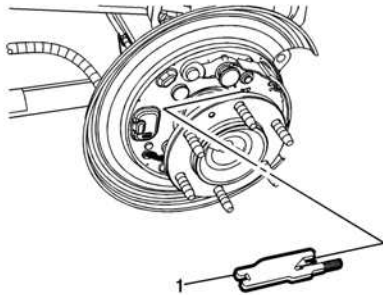
2. Install the park brake shoe pivot pin (1) and actuator lever (2) to the rear park brake shoe.



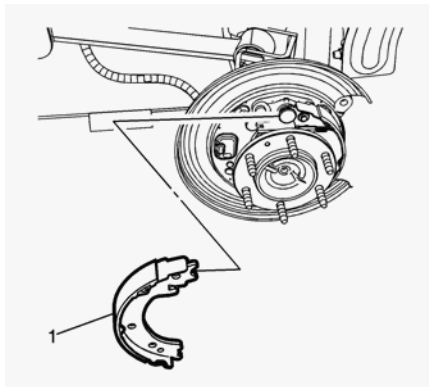
3. Install a new horse shoe clip (1) and spring washer (2) to the actuator lever.



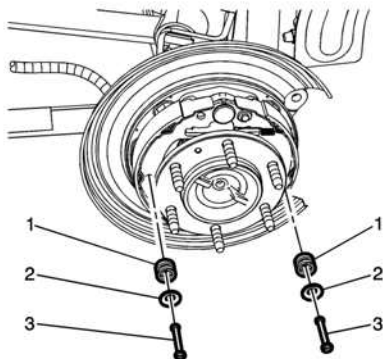
4. Install the rear park brake shoe (1) and actuator lever by compressing the park brake cable spring and connecting the park brake cable lever.



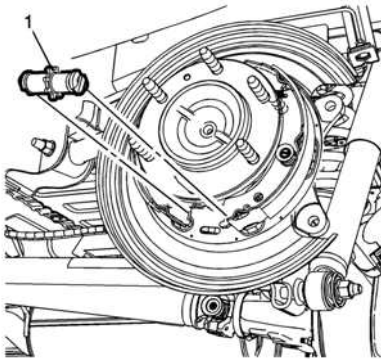
5. Install the park brake shoe actuator (1).



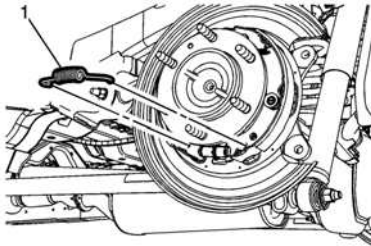
6. Install the forward park brake shoe (1).



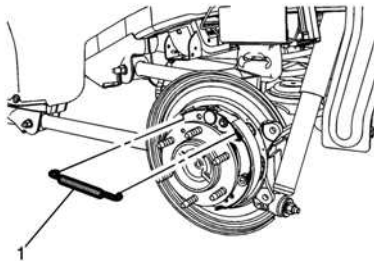
7. Install the rear park brake shoe hold down springs (1) by compressing the spring cups (2) and rotating the hold down spring pins (3) ¼ t



8. Install the park brake shoe adjuster (1).



9. Install the lower park brake shoe retainer spring (1).



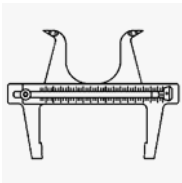
10. Install the upper park brake shoe retainer spring (1).
11. Adjust the park brake. Refer to Parking Brake Adjustment.
12. Install the rear brake rotor. Refer to Rear Brake Rotor Replacement.
13. Install the tire and wheel assembly. Refer to Tire and Wheel Removal and Installation.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

Illustration



Tool Number/ Description

CH 230-A

J 21177-A

Gauge

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**

Fuel Delivery: | **Fuel:**

Note: The following steps must be completed before using the symptom tables.

1. Perform the Brake System Vehicle Road Test before using the hydraulic brake symptom tables in order to duplicate the customers concern.
2. Review the system operation in order to familiarize yourself with the system functions. Refer to the following systems description:

- Brake Warning System Description and Operation
- Hydraulic Brake System Description and Operation
- Brake Assist System Description and Operation
- ABS Description and Operation

Visual/Physical Inspection

- Inspect for aftermarket devices which may affect the operation of the system. Refer to Checking Aftermarket Accessories.
- Inspect the easily accessible or visible system components for obvious damage or conditions which may cause the symptom.

Intermittent

Faulty electrical connections or wiring may be the cause of intermittent conditions. Refer to Testing for Intermittent Conditions and Poor Connections.

Symptom List

Refer to a symptom diagnostic procedure from the following list in order to diagnose the symptom:

- Brake Warning Indicator Malfunction
- Brakes Drag
- Brake Pulsation
- Brake System Noise
- Braking Action Uneven - Pulls to One Side
- Braking Action Uneven - Front to Rear
- Brake Pedal Excessive Travel
- Brake Pedal Excessive Effort
- Brake System Slow Release
- Brake Fluid Loss