

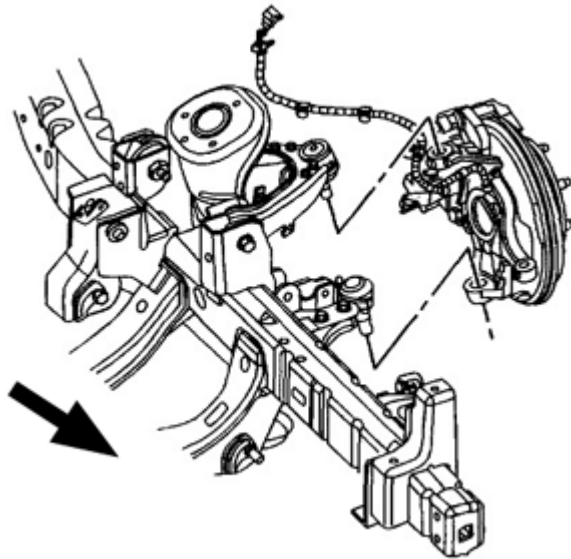
Colorado Brake Rotor

Removal & Installation

To Remove:

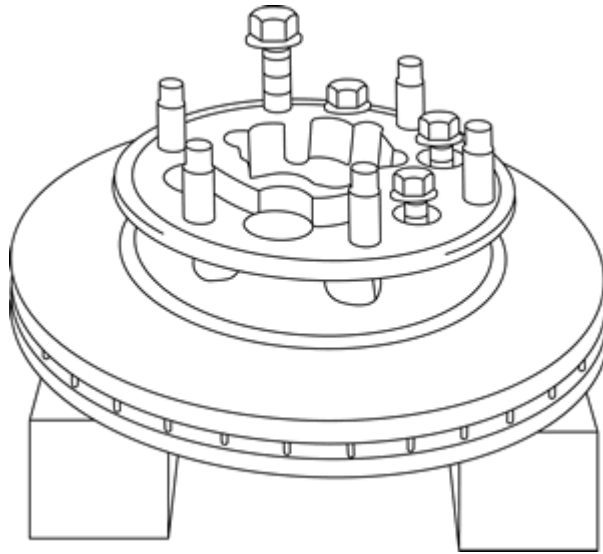
1. Siphon out the brake fluid until the fluid level is less than half way between the minimum and maximum level.
2. Lift the vehicle.
3. Detach the front brake caliper from the mounting bracket.
4. Detach the wheel speed sensor harness and wheel speed sensor bracket from the upper control arm.
5. Disconnect the wheel speed sensor connector.
6. Mark the position of the wheel speed sensor harness to the steering knuckle.

Steering knuckle removal and installation



7. Detach the steering knuckle assembly from the half shaft.
8. Detach the brake rotor assembly from the steering knuckle.

Wheel hub removal and installation



9. Detach the wheel hub from the brake rotor assembly.
10. Clean the contact surfaces as necessary.

To Install:

1. Attach the wheel hub to the brake rotor assembly.
 - Tighten the bolts in a crisscross pattern to **15 ft lbs (20 Nm)**.
2. Attach the steering knuckle assembly to the half shaft.
3. Attach the brake rotor assembly to the steering knuckle.
4. Line up the wheel speed sensor harness to the marks on the steering knuckle.
5. Tighten the wheel hub bolts to **92 ft lbs (125 Nm)**.
6. Attach the front brake caliper to the mounting bracket.
 - Tighten the bolts to **129 ft lbs (175 Nm)**.
7. Hold the brake rotor assembly in place and tighten the brake assembly mounting bolts in a star pattern.
 - Tighten the bolt to **81 ft lbs (110 Nm)**.
8. Attach the wheel speed sensor harness and wheel speed sensor bracket to the upper control arm.
 - Tighten the bolt to **14 ft lbs (20 Nm)**.
9. Connect the wheel speed sensor connector.
10. Fully lower the vehicle.
11. Refill the brake fluid to the required level.
12. Test drive the vehicle to burnish the new brake pads.