



Steering, Brake & Suspension Specialists

#7187RWBK - Installation Instructions

for 1971-87 GM Pickup Rear Axle Brake Kit

Parts:

| | | | |
|------|------------------------|-------|------------------------|
| 1 ea | Left Rotor | 2 ea | Brake Hose Clip |
| 1 ea | Right Rotor | 2 ea | Hard Line |
| 1 ea | Left Caliper Assembly | 2 ea | 10mm Banjo Bolt |
| 1 ea | Right Caliper Assembly | 4 ea | 10mm Crush Washer |
| 1 ea | 12 Bolt Gasket | 6 ea | 3/8-16x 1-1/2 Gr8 Bolt |
| 2 ea | Bearing Shim | 6 ea | 3/8-16 Gr8 Nut |
| 2 ea | Caliper Bracket | 6 ea | 3/8 Lock Washer |
| 2 ea | Bracket Spacer | 12 ea | 3/8 Flat Washer |
| 2 ea | Brake Hose Tab | 10 ea | Wheel Stud (5 Lug) |
| 2 ea | Brake Tab Clamp | 12 ea | Wheel Stud (6 Lug) |
| 2 ea | Brake Hose | | |

Notes:

This kit is designed to work with 15" or larger wheels.

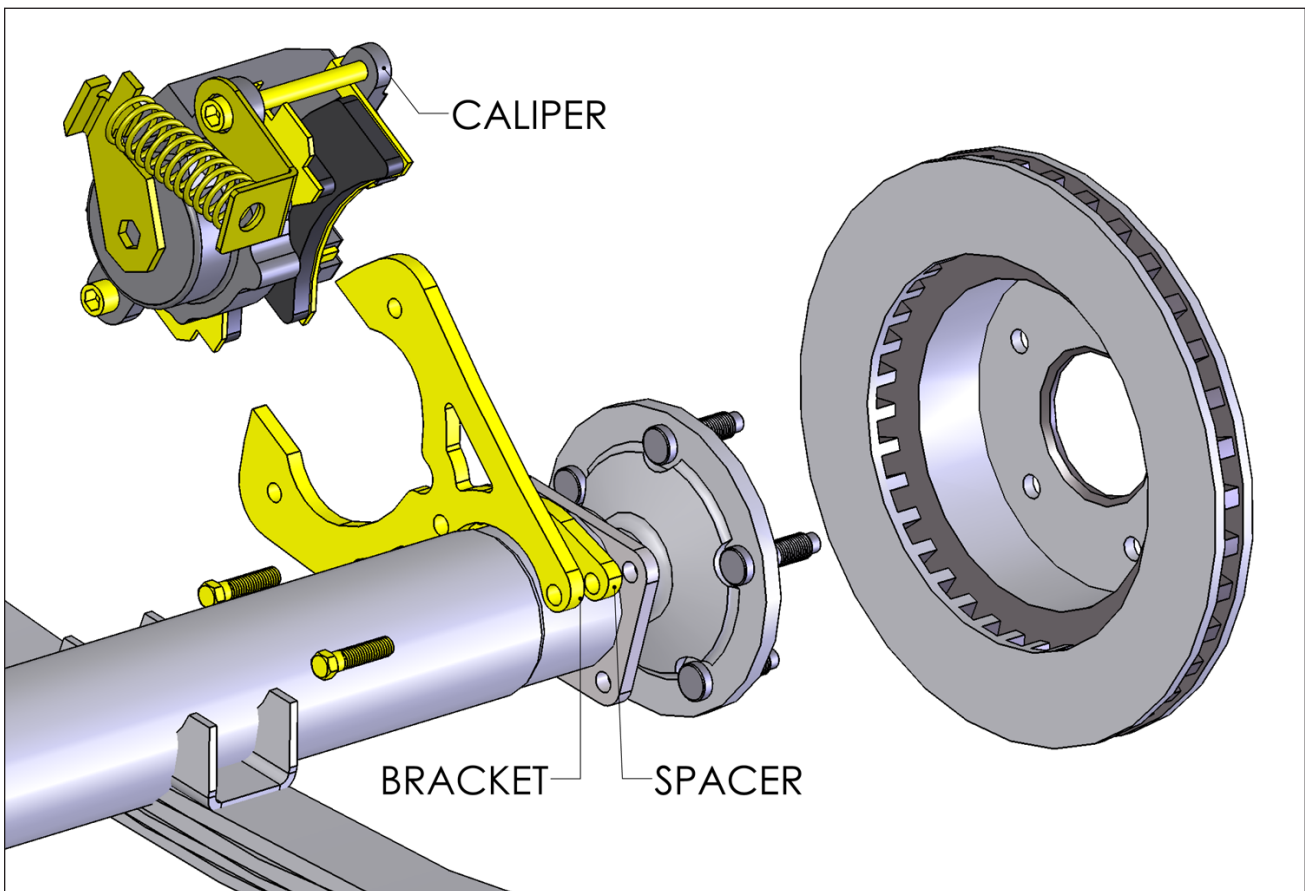
Instructions:

1. Disconnect the rear hard lines on the rear axle from the wheel cylinders.
2. Disconnect the rear brake hose from the hard lines on the axle.
3. Remove the hard lines from the axle. (New conversion hard lines are included with the disk brake kit.)
4. Remove the rear drums from the axle.
5. If you have the optional new parking brake cables or are not using a parking brake caliper, disconnect the rear portion of the cable from the front portion. If you are reusing your parking brake cables, disconnect them from the backing plate assemblies.

Replacement Parts:

1980-1985 Cadillac Seville Rear Calipers w/ Parking Brake
 1978-1983 Chevelle, Monte Carlo, Malibu, etc. Front Calipers
 CPP AR-8608SB Rotors (5 Lug)
 CPP AR-8608E Rotors (6 Lug)

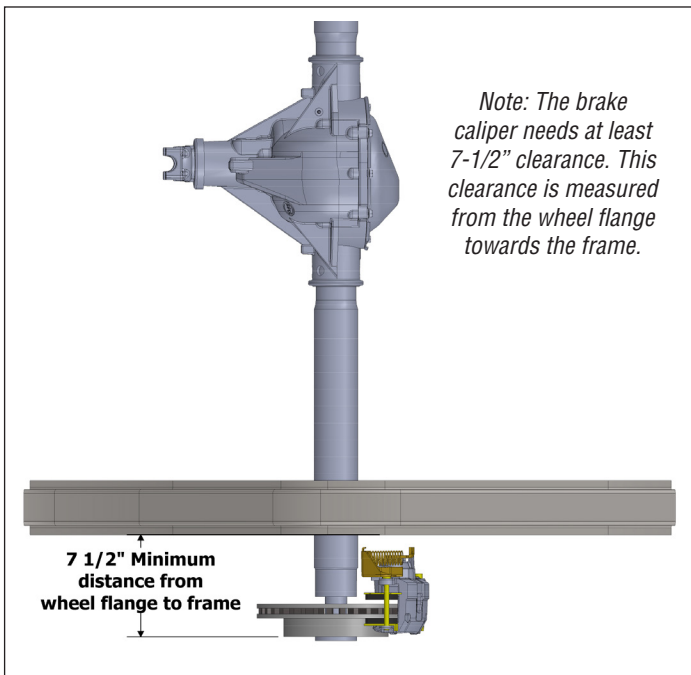
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#7187RWBK - Installation Instructions (Continued)

6. Remove the rear axles and backing plates from the from the axle housing.
7. Remove the differential gear cover. Remove the C-clips from the axles. Remove the axles. Remove the 4 bolts securing the backing plates to the housing. Remove the backing plate assemblies.
8. Check to see if the new wheel studs are longer than the wheel studs in the axle. If the new studs are longer install them into the axle.
9. Install the axles and new brackets onto the axle housing.
10. Install the axles into the housing. Reinstall the C-clips on to the axle. Using the new gaskets, reinstall the differential cover. Using the new 3/8" hardware, attach the brackets and spacers to the axle flanges. The spacer will be against the inboard face of the axle flange (the side opposite the backing plate was on), and the bracket against the spacer.
11. Install the rotors onto the axles.
12. Install the caliper assemblies onto the caliper brackets. The bleed screws will be toward the top of the calipers.
13. Check that the axles can turn freely.
14. If you are using parking brakes, install the parking brake cables.
15. Loosely install the new hoses onto the calipers. Do not tighten the bolts against the crush washers at this time.
16. Install the brake hose tabs and clips onto the new brake hoses.
17. Loosely connect the new axle hard lines to the brake hoses. The hard line may need to be repositioned. Secure the brake hose tabs to the axle with the tab clamp. If necessary, secure the hard lines to the axles with the appropriate clamps.
18. Tighten both ends of the brake hoses and hard lines.
19. If you are using parking brake calipers, you will need to adjust the calipers now. **WARNING:** These calipers will not work until the parking brake has been adjusted! The calipers will work their best when the adjustment is as tight as possible while allowing the rotor to be turned by hand.
20. Bleed the brakes.
21. Inspect the brake system for leaks!
22. Recheck that all the nuts and bolts are tight.

PLEASE NOTE: The installer needs to make sure that nothing can make contact with a brake hose, caliper, or other brake component at any point through the entire range of steering and suspension movement. The installer also needs make sure none of the steering or braking components can become bound or jammed at any time through the range of suspension or steering movement.



| GENERAL TORQUE SPECIFICATIONS: | | | | | |
|--------------------------------|---------|----------|-------|---------|----------|
| 1/4" | grade 5 | 10lb/ft | 1/4" | grade 8 | 14lb/ft |
| 5/16" | grade 5 | 19lb/ft | 5/16" | grade 8 | 29lb/ft |
| 3/8" | grade 5 | 33lb/ft | 3/8" | grade 8 | 47lb/ft |
| 7/16" | grade 5 | 54lb/ft | 7/16" | grade 8 | 78lb/ft |
| 1/2" | grade 5 | 78lb/ft | 1/2" | grade 8 | 119lb/ft |
| 9/16" | grade 5 | 114lb/ft | 9/16" | grade 8 | 169lb/ft |
| 5/8" | grade 5 | 154lb/ft | 5/8" | grade 8 | 230lb/ft |

NOTE: With 18" and larger wheels we recommend 1/2" wheel studs. The larger the wheel diameter, the greater the force is on the wheel studs. Please inquire about replacement wheel stud kits available from CPP.

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