

#6263RWBK - Installation Instructions for 1962-63 Nova Rear Axle Brake Kit

Parts List:

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

Replacement Parts:

1980-1985 Cadillac Seville Rear Calipers w/ Parking Brake
1978-1983 Chevelle, Monte Carlo, Malibu, etc. Front Calipers
CPP AR-8121E Rotors

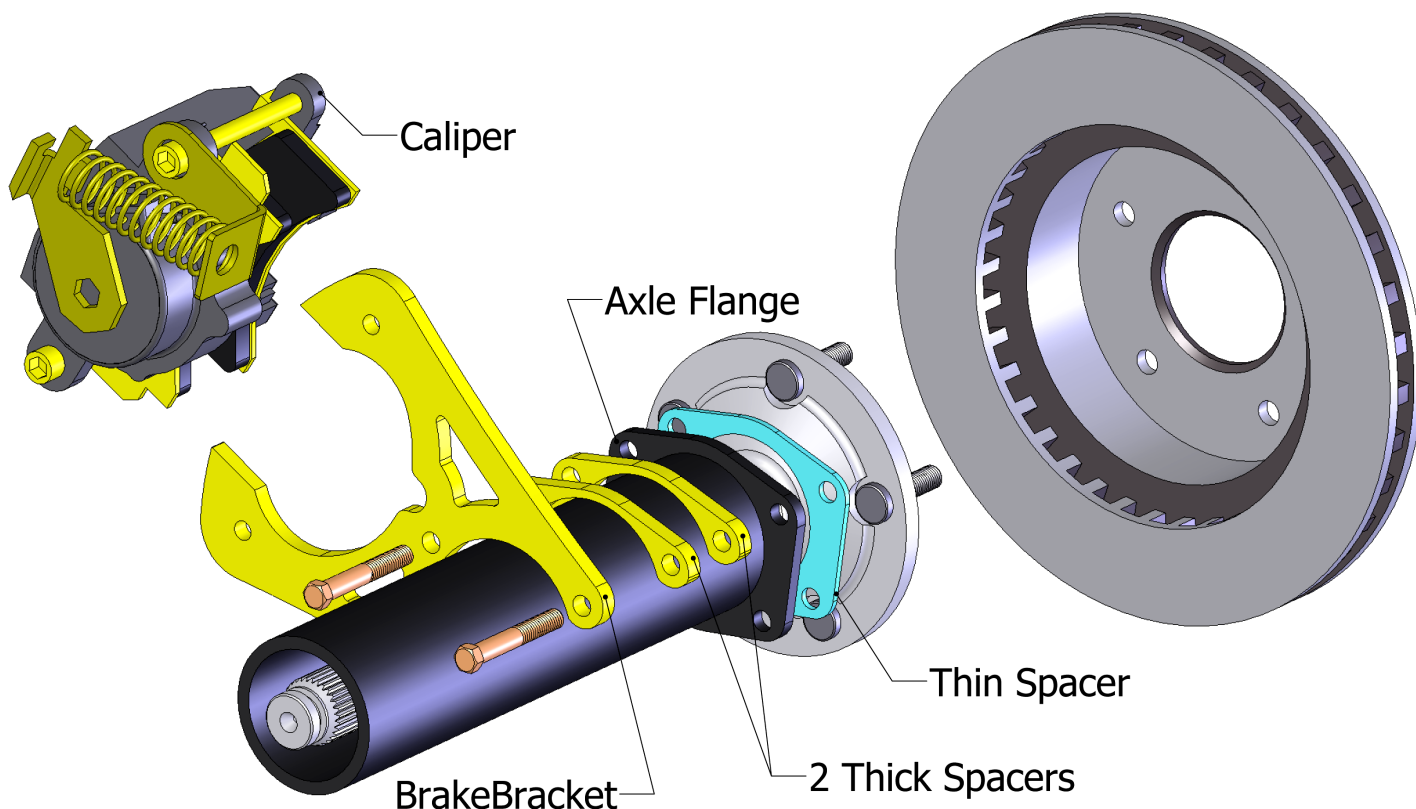
Notes:

This kit is designed to work with 15" or larger wheels.
This kit requires a 5 on 4-3/4 lug pattern be drilled into a 4 lug axle.
Custom parking brake cables will be required in order to connect the parking brake.

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. Disconnect the rear portion of the parking brake cable from the front portion of the cable.
6. Remove the 4 bolts securing the backing plates and bearing retainers to the housing. Remove the axles. Remove the backing plate assemblies.

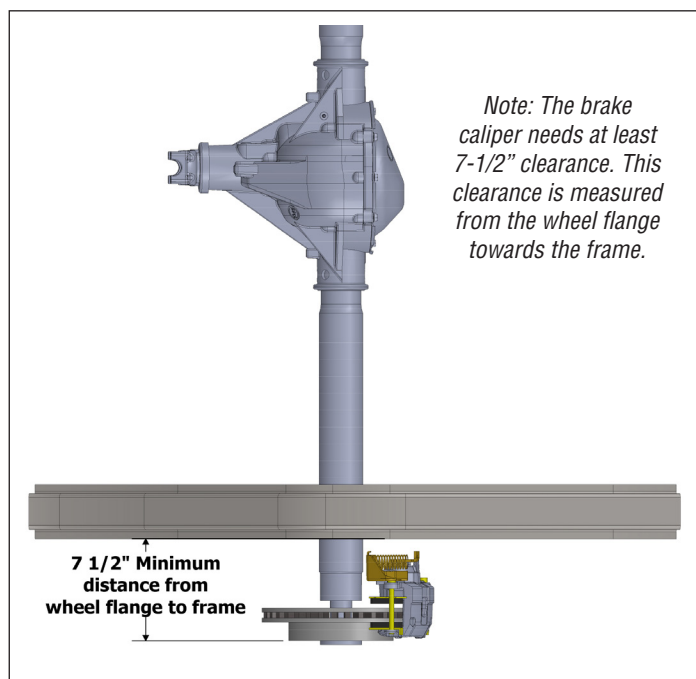
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#6263RWBK - Installation Instructions (Continued)

7. You must have a 5 on 4-3/4 lug pattern in your axle. 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.
8. Install the axles and new brackets onto the axle housing; Install the shim (thin spacer) on the housing in same location the backing plate was. Install the axles, the bearing retainers should be against the new shims. Attach the brackets and spacers (2per side) to the axle flanges. The spacer will be against the inboard face of the axle flange (the side opposite the new shim and bearing retainer), and the bracket against the spacer. Using the new 3/8" hardware bolt the brackets, spacers, shims, and bearing retainers to the axle flanges.
9. Install the rotors onto the axles.
10. Install the caliper assemblies onto the caliper brackets. The bleed screws will be toward the top of the calipers.
11. Check that the axles can turn freely.
12. If you are using parking brakes, install the parking brake cables.
13. Loosely install the new hoses onto the calipers. Do not tighten the bolts against the crush washers at this time.
14. Install the brake hose tabs and clips onto the new brake hoses.
15. 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.
16. Tighten both ends of the brake hoses and hard lines.
17. 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.
18. Bleed the brakes.
19. Inspect the brake system for leaks!
20. Recheck that all the nuts and bolts are tight.
21. Install the appropriate fuel feed and pipe plugs into the tank.
22. Connect the fuel hose. Check for fuel leaks before driving the car. Correct any leaks before the car is driven.

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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