

#7580WBK-13 - Installation Instructions for 1975-80 Granada 13" Brake Kit

Notes:

This kit is designed to work with 17" or larger wheels.

Instructions:

1. You will need to safely jack or lift the front tires off the ground. Starting at the passenger front wheel, remove the tire and wheel.
2. Disconnect the brake hose from the hard line at the frame. Remove the retaining clip and pull the end of the hose from the mount on the frame.
3. Remove the complete brake and wheel bearing assembly from the spindle (steering knuckle).



4. Thoroughly clean the spindle. Be sure that all of the brake mounting surfaces and the axle shaft are clean.



5. With the new hardware connect the caliper bracket to the spindle as shown in the illustrations. Both bolts will use a lock washer under the

bolt head and thread into the spindle bracket. The body of the bracket will be offset towards the rotor.

6. Pack the wheel bearings with grease. Install the inner bearings and the grease seal into the hub. Install the hub onto the axle shaft. Install the outer wheel bearing, and washer. Re-install the original spindle nut. Adjust the wheel bearings as follows:
 - a. Tighten the nut only slightly (no more than 12lb/ft.) spin the hub in a forward direction to ensure the bearings are fully seated.
 - b. Check that the spindle nut is still tight. If not repeat step a.
 - c. Loosen the spindle nut until it is just loose.
 - d. Hand tighten the spindle nut. Do not use a wrench!
 - e. Install the spindle nut retainer and cotter pin. You may need to try the retainer in several positions in order to align the retainer with the hole for the cotter pin.



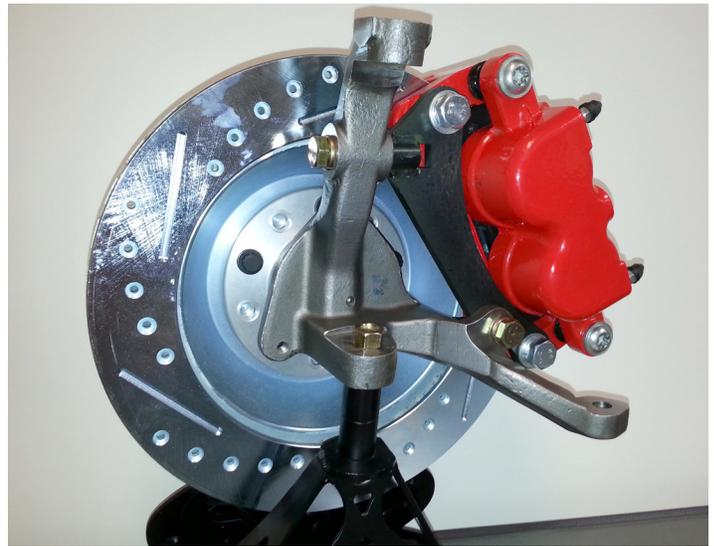
7. Install the bearing dust cap onto the hub. You may need to lightly tap the flange of the dust cap with a small hammer.

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#7580WBK-13 - Installation Instructions (Continued)



8. Install the rotor onto the hub assembly.



9. Install the caliper assembly onto the caliper bracket. Make sure the bleed screws are towards the top of the caliper. Using the supplied hardware secure the caliper to the bracket. You should use a lock washer under the bolt head, a flat washer, and thread the bolt into the caliper assembly.



10. Check the rotor can turn freely and the brakes are not dragging. Make adjustments if needed.
11. Connect the new brake hoses to the calipers, and the hard lines. Secure the brake hoses to the frame with the brake hose clips.
12. Repeat the procedure on the driver's side.
13. Bleed the brakes.



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.

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.