

#2105 & #2505 - Installation Instructions

for Ford 9" Rear Axle Brake Bracket Kit for 11" and 12" Rotors

Parts List:

2 ea	Bearing Retainer Bracket	8 ea	1/2" Nut
2 ea	Caliper Bracket	8 ea	1/2" Flat Washer
2 ea	1/8" Bearing Retainer Spacer	8 ea	1/2" Lock Washer
4 ea	1/8" Bracket Shim	8 ea	3/8-16x2-1/2 Bolt
4 ea	1/4" Bracket Shim	8 ea	3/8-16 Nut
8 ea	3/8" Bracket Shim	8 ea	3/8" Flat Washer
8 ea	1/2" T-Bolt	8 ea	3/8" Lock Washer

2. OE and many after market axle bearings stick out 1/8" beyond the axle housing. If your axle bearing sticks out 1/8" use the 1/8" thick bearing retainer spacer. This spacer installs where the drum brake backing plate would have been. Some after market axles are made so that the bearing is flush to the axle housing. If your bearing is flush or sticks out less than 1/8" DO NOT use the bearing retainer spacer.

3. Using the T-bolts, attach the bearing retainer bracket to the axle. Some axles may already have a bearing retainer. You can discard the bearing retainer, or install the retainer over the bearing retainer bracket.

4. Bolt the caliper bracket to the bearing retainer bracket using all of shims between the brackets. There should be 2 of the 3/8" shims and 1 of each the 1/4" shims and 1/8" shims at each mounting point between the brackets. The caliper bracket mounting bolts should be installed thru the bearing retainer bracket fist, with no washers, then the shims, followed by the caliper bracket, washers and nuts.

Notes:

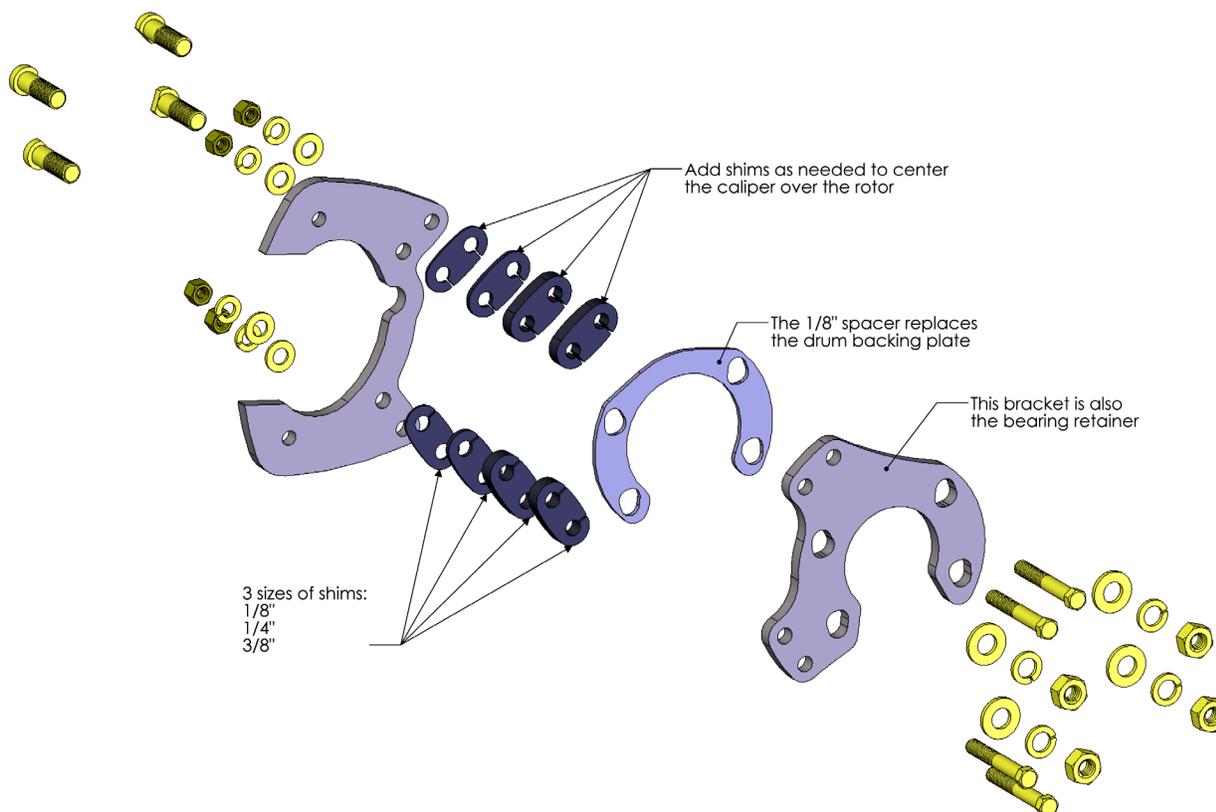
CPP recommends using 1980-1985 Cadillac Seville Rear Calipers w/ Parking Brake (CPP part # CP4138/39) with this bracket kit.

This bracket kit will also work with 1978-1983 Chevelle, Monte Carlo, Malibu, etc. front calipers (CPP part # CP4125/26).

Instructions:

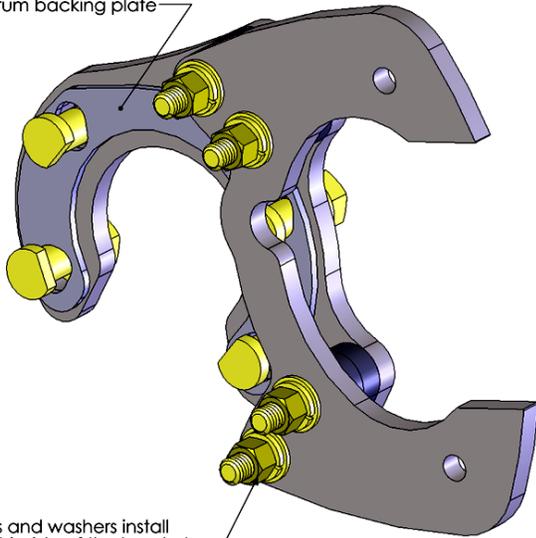
1. If the axle has any drum brake parts attached they will need to be removed before beginning this installation.

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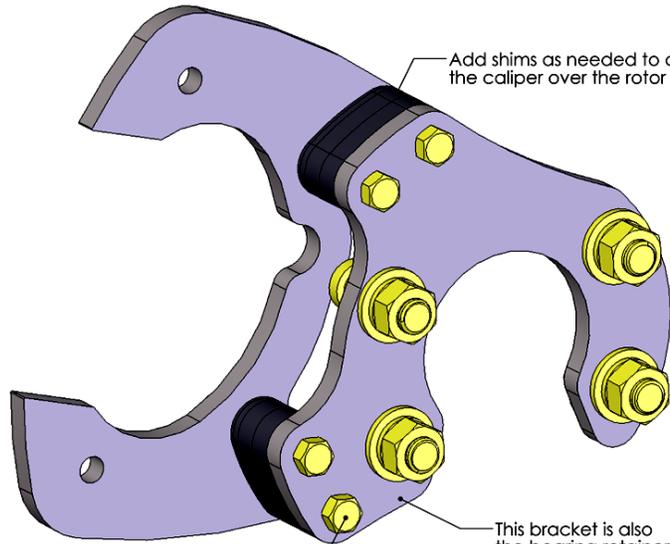
#2105 & #2505 - Installation Instructions (Continued)

The 1/8" spacer replaces the drum backing plate



Nuts and washers install on this side of the bracket

Add shims as needed to center the caliper over the rotor



Do not add washers under these bolt heads

This bracket is also the bearing retainer

5. Install the rotor over the axle.
6. Install the calipers over the rotors, and onto the caliper mounting brackets. The bleed screws must be towards the top of the caliper. Check that the rotor is tight to the axle and sitting flat against the axle flange. If the rotor is not tight and flat to the axle the bracket location will need to be adjusted with the shims. Remove the calipers and rotors, remove shims as needed until the caliper is aligned with the rotor and bracket while the rotor is flat and tight to the axle.
7. After adjusting the bracket location with the shims tighten all of the caliper mounting bolts to 47lb ft.
8. Install the rotors onto the axles.
9. Install the calipers to the brackets with the bleed screws toward the top of the caliper.

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.

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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.