



The Drive Shaft Shop
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Camaro 9" Rear Conversion

Thank you for purchasing The Driveshaft Shop Camaro 9" Rear Conversion Kit. We have created this system as a direct bolt in kit with all the necessary hardware included. Please follow the guidelines below to make the installation as straightforward as possible.

- Must use the supplied Fel-Pro gasket and RTV both sides, also RTV the aluminum axle side plates prior to install.
- Use the (3) supplied 9/16"x3-1/2" bolts for the front mount (2 bolts) and for the rear mount (1 bolt) The factory mounting holes will need to be drilled or filed slightly to fit the larger bolts.
- The wire harness that runs underneath the car near the differential can be moved to the other side of the frame using the same mounting holes to prevent the harness from contacting the differential housing.
- The housing is designed for use with a Strange aluminum bolt-through case with a 4-1/16" long 1350 series pinion yoke. Different cases may require modifications to fit correctly (only at the top of the cradle). If you are using a larger case than the S-series, there is no need to notch or cut the frame, just bend it upward slightly where the housing will contact the chassis so as not to weaken the frame.
- Use no more than 2 quarts of gear oil in the housing. We recommend Lucas 85W-140 (NON-SYNTHETIC ONLY). And be sure to install the supplied barb into the threaded vent hole in the housing and route the supplied hose to connect with the factory differential vent line.
- Break-in Procedure for Street Gears
 - 1) No harsh acceleration!
 - 2) Drive vehicle 50 miles
 - 3) Allow 1/2 hour for cool down
 - 4) Repeat for total of 250 miles
 - 5) At 500 miles, drain oil, remove the center section, fully clean, use a fresh gasket and reinstall

The Camaro 9" Rear Conversion kit is designed as a direct bolt-in, however, we strongly recommend professional installation of this system and will not be responsible for damaged parts due to improper installation. If you have any questions or concerns about the kit or the installation, feel free to call or email us and we will be glad to assist you.

Hardware and Torque Specs:

- (5) 3/8-16 x 2" Socket Head Pinion Support Bolts -49 lb-ft
- (3) 9/16-12 x 3-1/2" Nuts / Bolts / Lockwashers for Brackets Mounting to Chassis -150 lb-ft
- (8) 3/8-24 x 3/4" Socket Head Bolts for Diff Stub Retaining Plates -54 lb-ft
- (12) 10mm Socket Head Axle to Diff Stub Bolts - 57 lb-ft
- (10) 3/8-24 Hex Nuts for Center Section to Housing- 50 lb-ft