



The Drive Shaft Shop
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Supra 9" Rear Conversion

Thank you for purchasing The Driveshaft Shop Supra 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 (2) supplied 12mm bolts for the front pinion support mount (2 bolts) into the chassis. The rear of the 9" housing will mount to the existing differential mounting points with studs in the housing.
- The housing is designed for use with the Strange S-Series and Pro cases. Different center section cases may require modifications to fit correctly.
- Be sure to remove the OE ABS rings from the stock axles and install them on the DSS axles. The outer flange is machined to accept the factory ABS ring as they are not included.
- 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.
- The supplied housing, brackets (and center section if purchased from DSS) are fully powdercoated, but if you purchased your own center section it may not be. If you are using a steel center section, it is recommended that you paint the case before installation or it will rust.
- 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 Supra 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
- (2) M12x1.5x50 Bolts for Brackets Mounting to Chassis -76 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