



Street Level, Street Pro, Super Street Pro, & Street Extreme

General Installation Instructions

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Street Extreme Shown

IMPORTANT: Consult the vehicle service manual for installation and specification.

1. Flywheel Installation and Preparation

- Always use a new or properly resurfaced flywheel.
- Clean the crankshaft flange and make sure it is free old thread locker, oil, grease, or debris.
- Make sure the crankshaft bolt holes and threads are clean.
- Clean crank shaft bolts, install with appropriate thread locker.

2. Pilot Bearing/Bushing Installation

- Apply additional grease to need-bearing style bearings
- Oilite style bushings are self-lubricating, grease should NOT be used.

3. Clean Input Shaft and Verify Disc Fitment

- a. Remove any old grease and check for any burrs.
- b. Slide disc onto input shaft to ensure it fits and slides freely.

4. Clean the Friction Surfaces

- a. Clean the flywheel and pressure plate friction surfaces with an oil-free cleaner, such as brake cleaner.
- b. Make sure all oil, grease, fingerprints, and other contaminants are removed before installing the clutch.

5. Installing Clutch

- a. Verify the disc is facing in the correct direction.
- b. Use alignment tool to hold disc in place.
- c. Position pressure plate over clutch disc.
- d. Align pressure plate with mounting holes in flywheel. Some applications have dowel pins when aligning the pressure plate.
- e. Hand install all pressure plate bolts.
- f. While holding the alignment tool with slight upward pressure, snug the pressure plate bolts evenly until the pressure plate holds the disc in position.
- g. Remove the alignment tool. It should come out freely without binding. If not repeat (f.)
- h. Tighten pressure plate to flywheel using a star or crisscross pattern.
- i. Torque pressure plate bolts to the specified torque.

Bolt Torque Specifications

Consult the vehicle service manual for the exact bolt torque specification.

<u>Bolt Dia.</u>	<u>Ft/lbs.</u>
5/16"	20
3/8"	35
7/16"	65
8mm	25
10mm	35
1/2" Crank Bolt	70
10mm Crank Bolt	65
11mm Crank Bolt	65

Throw-Out Bearing Installation

1. Mechanical Throw-Out Bearings

- a. Apply a small amount of grease to the appropriate pivot points
- b. Slide the throw-out bearing onto the clutch fork
- c. Make sure the spring clip on the clutch fork is properly seated in the groove of the throw-out bearing.
- d. Inspect the clutch fork pivot ball and/or pivot tab for wear. Replace worn components as necessary. Worn components can cause issues with clutch operation.

2. Hydraulic Throw-Out Bearings

- a. Install the hydraulic throw-out bearing according to the manufacturer's specifications.
- b. Measure the bearing to diaphragm finger air gap, where applicable.
- c. Set the air gap according to the manufacturer's recommended specification.
- d. Route the hydraulic lines so they do not interfere with the pressure plate and cannot become pinched between the bellhousing and engine.

Transmission Installation

Consult the vehicle service manual

1. Inspect the Input Shaft

- a. Clean the transmission input shaft splines and make sure they are free of burrs, dirt, corrosion, and other contaminants.
- b. Do **not** apply grease to the input-shaft splines. A dry graphite lubricant may be applied to the input shaft splines (optional).

2. Inspect Mounting Surfaces

Make sure all transmission to bellhousing and bellhousing to engine mounting surfaces are clean and free of debris, grease, and other contaminants.

3. Install the Transmission

Do not use the transmission mounting bolts to force the transmission into position. If the transmission does not slide into place

- a. Verify clutch disc alignment and input shaft engagement.
- b. Verify pilot bearing/bushing and input shaft engagement.

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For any changes or updated versions of the warrant described above, please refer to www.mcleodracing.com before installation of product.

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