



Lightweight Flywheel Instructions

For B1 Flywheels

Parts List:

- Lightweight Flywheel
- Gaul Plate
- Flywheel Bolts
 - B1 flywheels include eight (8) bolts
- Loctite 262

Recommended items to have available during assembly:

- Paper towels
- Work light
- Work gloves
- Torque wrench
- Clutch alignment tool

Car Preparation

Professional installation by an experienced BMW mechanic is recommended.

Review instructions completely prior to beginning installation

Do not remove the slave cylinder without de-pressurizing. Open the bleeder valve before loosening the two retaining nuts. Leaving even the slightest amount of residual pressure in the slave can cause the pin seal to hyperextend and damage the unit.

IMPORTANT SAFETY NOTE: NEVER use a jack to support the car when working underneath. Serious injury or death may occur if your car is not properly supported. If you need help, ask someone with more experience, or have the kit installed by a professional mechanic.

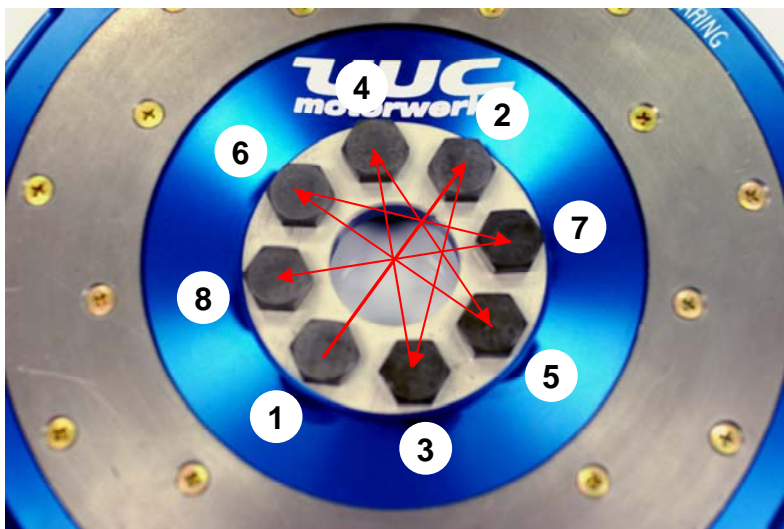


Tightening the Flywheel to Crank Bolts

- Install the steel gaul plate in the flywheel surface as shown



- Apply Loctite to all bolts
- The bolts go through the gaul plate and the flywheel
- Tighten all bolts finger-tight
- Tighten all bolts in a cross-star pattern as shown below to 40 ft-lbs. It does not matter which bolt you start with as long as you start tightening with the same bolt each time.



- Complete tightening all bolts in the same cross-star pattern to 80 ft-lbs. Start tightening with the same bolt as previous.



Tightening the Pressure Plate to Flywheel Bolts

- Install the clutch disk (note the “this side faces flywheel” sticker) and the pressure plate on the dowel pins
- Apply Loctite to all bolts
- Tighten all bolts to finger-tight
- Use an alignment tool to center the clutch disk
- Tighten all bolts in a cross-star pattern to 15 ft-lbs. It does not matter which bolt you start with as long as you start tightening with the same bolt each time.



- Complete re-installation of the fork and release bearing in normal manner
- Bleed the slave cylinder. It is recommended to bleed the brake system at the same time.

Unsatisfactory operation or product damage resulting from failure to follow these standard installation instructions will not be considered as a defect or warranty issue.