

# FLYWHEEL

## Installation Instructions

Please read the following instructions entirely before beginning installation of your new flywheel. Information included on this document does not and cannot cover all possible problems and situations when removing and replacing driveline parts. This is only a reference guide for Ace Racing components. For OE torque and measurement specs, consult a model specific factory manual for your vehicle.

The vehicle should be driven and tested for any powertrain issues. Make note of pedal feel, shifting ability, as well as any vibrations as these could indicate issues unrelated to flywheel wear or failure.

1. Remove transmission per shop manual.
2. Remove existing clutch/pressure plate assembly and friction disc(s).
3. Remove existing flywheel.
  - a. Take caution when removing the flywheel so as not to disturb the crank sensor tone ring (if equipped) located between the crankshaft and the flywheel. NOTE: If the tone ring is disturbed, it can result in a check engine light and may need to be recalibrated.
4. Inspect flywheel mounting surface to ensure it is free of contamination, damage, or burrs. Failure to do this could result in the flywheel not seating correctly.
  - a. This is the perfect time to inspect your bottom engine seals and bearings. If rear main seal is leaking, this will cause damage to the clutch and greatly decrease performance of vehicle.
5. Replace pilot bearing/bushing.
6. Install included dowel pins in flywheel if included in kit. CAUTION: Dowel pins must be press fit.
7. Install new flywheel.
  - a. Some applications use torque to yield bolts and need to be replaced every time.
  - b. If unsure use new flywheel mounting bolts.
  - c. Torque to shop manual specifications. CAUTION: Overtightening of flywheel mounting bolts may result in crankshaft damage and oil leaks at the main seal.
8. Before mounting pressure plate and disc assembly to flywheel, clean the flywheel and pressure plate with a brake cleaner. DO NOT spray brake cleaner directly on pressure plate. Instead, spray onto towel and then apply cleaner. DO NOT touch friction surface with greasy hands!



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