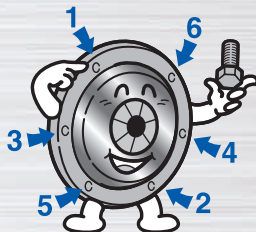


Flywheels and pressure plates need to be torqued down to proper specifications

The reason why these components need to be torqued down to a specific value is to ensure that the components do not loosen up and function improperly. The clutch and flywheel spin to thousands of RPM's and have varied harmonics sent through them by the engine and drivetrain.

When one side has a greater torque value combined with centrifugal force and harmonic vibrations it allows the opposing side with a lesser torque value to loosen up. Improper torque is the number one reason for a given rotating component to become loose whether it is a wheel and tire or a flywheel. For these reasons it is imperative to torque to proper specifications.



When tightening flywheel or pressure plate bolts you should tighten each bolt a little bit at a time using a star pattern to tighten. This ensures that each bolt receives an equal torque value. When tightening bolts that require a specific torque value NEVER use power tools such as impact guns or air tools. When tightening bolts use a calibrated torque wrench to ensure the proper torque is being applied evenly to the specific bolts. ALWAYS refer to the vehicles factory service manual for proper torque specifications for a given bolt or component.

The use of thread locker or Loctite on each flywheel bolt and pressure plate bolt gives added insurance to avoid bolts backing out resulting in damage to the vehicle and its components. Damage to the crank and transmission may occur when bolts back out due to balance being thrown off and or contact damage of components that have loosened up.

