



Clutch Kit Installation Instructions

1. **Remove damaged or worn clutch.** Fully support the transmission and remove gearbox bolts; the gearbox should not hang on the drive shaft. Remove clutch cover bolts.
2. **Diagnose the situation.** Determine the cause of clutch malfunction before replacing the new clutch system. Check hydraulic system (e.g., master cylinders, slave cylinders, clutch cable), and replace additional parts if necessary. Look for oil leaks, dust, rust, and other problems. Check drive shaft splines for wear. Ensure the clutch fork and bearing tube are not cracked or damaged.
3. **Prepare the vehicle for installation.** The flywheel needs to be replaced or machined. Repair any oil leaks near the clutch. The gearbox main drive shaft and bell housing should be cleaned of oil, fibers, and dust. Review any special instructions or specifications from the vehicle manufacturer.
4. **Check your parts.** Validate you have all the correct clutch parts for the vehicle you are working on. Inspect each part for damage such as cracks and deep scratches.
5. **Fit the clutch disc onto the drive shaft.** Lightly grease the shaft splines with high melting point grease. Over-lubricating the spline of your clutch disc will contaminate the friction material on the clutch disc and cause slippage. Next, fit the disc onto the drive shaft, ensuring the disc slides easily and is installed facing the right direction. Using the enclosed clutch alignment tool makes the installation easier, ensures correct alignment, and can prevent spline damage.
6. **Install the clutch cover.** Place the clutch cover over the clutch disc, checking the hub section of the disc does not fall on the casting of the clutch cover assembly. Ensure pressure plate dowels are aligned to the cover. Tighten bolts in a diagonal pattern using a torque wrench.
7. **Install the release bearing.** Lightly grease the bearing retainer, fork pivot, and fork fingers to allow smooth sliding of the bearing. Place the bearing into the fork and check to make sure it is not loose.
8. **Complete Installation.** Refit gear box and tighten bell housing, taking care not to bend the clutch disc. Check all bell housing dowels are in the correct position and tighten bell housing bolts. Reset the clutch master cylinder push rod to obtain comfortable pedal release position
9. **Conduct a road test.** It is critical to conduct a road test to ensure proper engagement of the clutch system and comfort for the driver. Make adjustments as necessary.

For more information or additional troubleshooting, please contact your Platinum Driveline distributor or reach us directly by calling 314-678-9310 or by email at info@platinumdriveline.com. Warranty on Platinum Driveline clutch kits and components are subject to correct installation based on these instructions and any further guidance from the vehicle manufacturer. Warranty is also subject to replacement of all parts included in the clutch kit.