

# **CLUTCH INSTALLATION GUIDELINES**

1. Carefully evaluate the cause of your previous clutch failure to determine if the contributing factor(s) need attention before the new clutch is installed.
2. Flywheel must be replaced or machined to the specs indicated by the supplied Flywheel Step card. Inspect dowel pins (if applicable) to make sure they are straight and smooth, (It is a good idea to pre-fit the cover over the dowel pins before final assembly).
3. Before fitting, inspect the clutch for any damage, which may have occurred during the shipping process. Clean (degrease) bell housing and remove all dust and debris. Study the drivetrain components before disassembly by making notes and/or taking pictures to ensure proper re-installation.
4. Test fit the disc onto the input shaft ensuring that it will slide freely. If the disc does not slide freely it may be necessary to clean the splines of the input shaft as well as file any burrs from the splines on the disc. **DO NOT FORCE THE DISC ONTO THE SHAFT, CONTACT US IF YOU HAVE ANY FITMENT ISSUES!**
5. Very lightly grease the input shaft splines with high melting point grease or a dry graphite lubricant. Lack of lubrication may cause disengagement problems.
6. Inspect clutch release fork and pivot point for cracks or wear (*it is highly recommended to replace these items if they show any signs of wear*).
7. Inspect the release bearing quill/retainer for any signs of wear (*it is highly recommended to replace this item if it shows any signs of wear*). Note: New release bearing collar should be properly lubricated and a light coat of grease applied to the outside diameter of the quill/retainer tube.
8. Assemble the clutch cover and disc making sure the disc is facing in the correct direction (note "Flywheel Side" or "Pressure Plate Side" stickers on the disc), bolt the assembly to the flywheel using the supplied alignment tool while ensuring that the flywheel dowels are aligned to the cover. Tighten and torque down the bolts in a diagonal pattern. **NEVER USE AIR (IMPACT) TOOLS TO INSTALL A CLUTCH COVER ASSEMBLY.**
9. Refit gearbox using proper jack/apparatus to support the weight. Do not force the input shaft into the disc as this would result in a bent disc causing disengagement failure.
10. Perform any clutch adjustments to vehicle manufacturer specifications (*inspect clutch cables and/or hydraulics for damage or leaks*). Note: It may be necessary to reset the clutch master cylinder push rod to obtain desired pedal release position.
11. With a newly fitted clutch it is always a good idea to allow 500 miles of normal stop and go driving to ensure proper break-in. Note: High performance clutches utilize different friction materials that may cause slight clutch shudder and a compromise of drivability.

