Fitting Sheet 4b -
Custom Hilux Clutch (For NPC8006-1B)

Important tips when fitting a Custom Hilux Clutch

- Thoroughly clean block face (and sandwich plate if fitted)
- NPC install the ring gear using a heat shrink method. Care is taken to ensure the ring gear is fitted to the flywheel correctly, but before fitting, please ensure that the ring gear is seated correctly.
- Fit the flywheel and torque crank bolts to 178nm, using Loctite sparingly on the threads.
- Fit new spigot bearing.
- Clean flywheel face, pressure plate face & inside diameter of pressure plate casting with thinners. Make sure that the inner crank area around the spigot bearing & crank bolts is also cleaned thoroughly.
- Remove clutch fork, check for wear, remove shine from contact points using wet & dry sand paper. Apply grease to all pivot points of clutch fork.
- DO NOT grease the clutch spline. The spline is pre-greased. Ensure excess grease is removed.
- DO NOT touch the surfaces of the clutch plate with dirty hands.
- Fit clutch using correct aligning tool and torque to specifications using new bolts and Loctite sparingly on the threads. Torque pressure plate bolts to 39nm.
- **Important!** Apply grease to bearing slide.
- Test fit bearing, then wipe off excess grease from front of gearbox snout.
- Now you are ready to fit your transmission.
- Make sure that the transmission is properly supported when fitting.
- When bleeding the clutch, evacuate dirty or contaminated clutch fluid, and use new fluid.
- Some adjustment may need to be made at the clutch pedal under the dash.
- If you have clutch release problems, this could mean the accumulator in the clutch line is faulty. You can bypass the accumulator or fit a complete new braided line that NPC has available. Part number - B/LINE-HILUX
- Finally the clutch must be run in by driving normally for at least 1000km's.