

# Clutches and Clutch Bolts

- Clutch bolts have experience stocking issues.
  - 23-13329-095 (95mm)
  - 95mm is applicable for all clutch applications
- Vendor has had issue sourcing raw materials and manufacturing the Clutch bolts.
- DT12 Clutch bolts are designed as one time use BUT are not a torque to yield bolt.
- Bolt length is determined by Clutch assy and Flywheel design
- Two alternate length bolts are available but require verification which is acceptable for use due to component stack up of all clutch/ flywheel configurations.
  - 23-13329-100 (100mm)
  - 23-13329-090 (090mm)
- Caution should be used when replacing ANY part not identified in Excelerator by Vin.
- Stocking levels are coming up but back orders remain.
- There are Several different variations of the DT12 clutch
- At any point in time the stocking could be and has been low on one variation or another
- There is 0 OEM options to use a different clutch in place of what is listed in Excelerator
- The After market is growing for DT12 clutches in some of the legacy variants.
- Using an aftermarket clutch comes with risks and unknown variables as the dimensions we use from our Vendor may NOT be carried over to the Aftermarket Vendors.
- Use of non-OEM clutches is an assumed Risk by owner/fleet and may not have warranty coverages by Detroit if determined to be a source of a shifting issue.