

TOYOTA PRADO KDJ120 SERIES SHUDDER COMPLAINT

The complaint is that prior to the clutch removal the vehicle has shudder through the gears, including down shifting and this has not improved with the installation of a new clutch kit. It has been discovered though field diagnostics that the release mechanism of this pull type clutch system is prone to wear.

Although the fork is cast iron and the contact point between bearing carrier and fork need inspection for wear also, it has been found that the Clutch Fork Retaining Spring is the root cause of this complaint. This retaining spring is made from spring steel and needs to be replaced in conjunction with each clutch installation.

Please note that attempts to repair this spring clip are often unsuccessful which allows the fork to sit off centre as per image 1) below, replacing the retaining spring will allow the fork to sit in line with the bearing as per image 2)



Image 1) Incorrect Fork Location

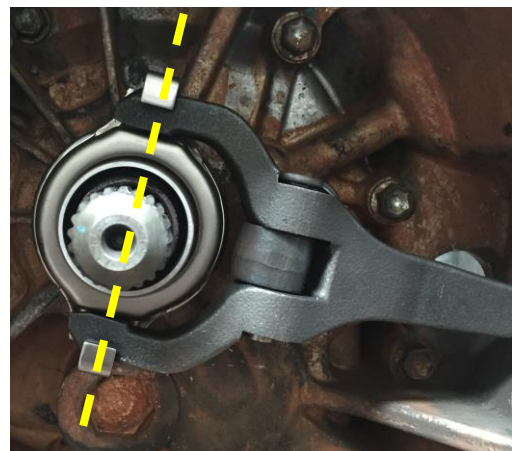


Image 2) Correct Fork Location

THIS POWERDRIVE CLUTCH KIT COMES WITH THIS SPRING AS A COMPLIMENTARY ITEM AND MUST BE FITTED TO AVOID ANY WARRANTY DISPUTES FOR THIS APPLICATION



Image 3) Fork Retaining Spring



The spring is located by two bolts, these will need to be re used for the replacement spring

Please Note:
Torque setting of the bolts is 26 Nm

Image 4) Location of Fork Retaining Spring