



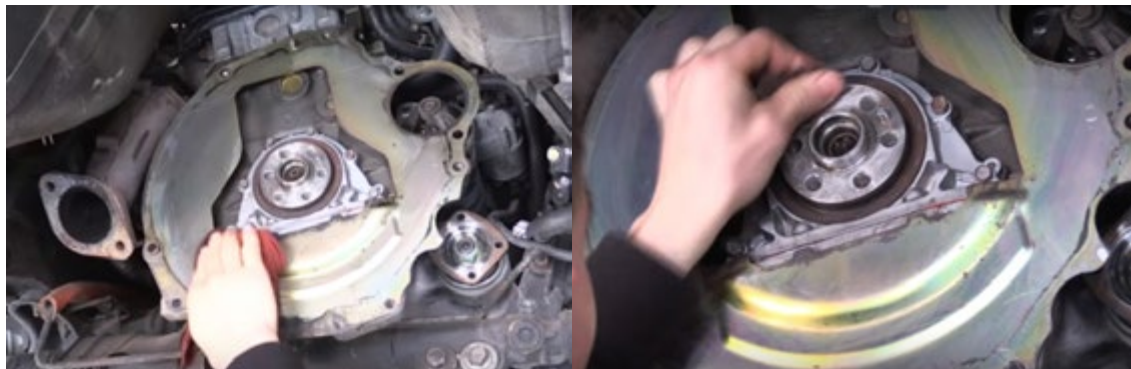
CLUTCHTECH



TSB-166

230mm Twin Plate Installation Guide

- 1) Clean the back of the engine of any old clutch dust or oil that could contaminate the clutch. Also clean the crank mounting surface with emery paper to remove any corrosion or burrs.



- 2) Unpack and disassemble the new clutch assembly with clean hands. Take note of the order of disassembly of the components.
- 3) Clean the new flywheel front and back of any anti-corrosion oil before checking the fitment on the crank.



- 4) Use thread locking compound on the flywheel bolts and torque to manufacturers specifications.



- 5) Apply a small amount of spline grease to the spline on the clutch disc and slide it onto the input shaft rotating it several times. Wipe the excess build-up off the edge of the hub and repeat with the other disc.

- 6) Check the markings on the friction discs for the one that is marked flywheel side. If there are no markings refer to the installation guide.



- 7) Install the flywheel side friction disc followed by the intermediate plate and then the transmission side friction disc ensuring that all parts are clean and that the orientation is correct (facing with "flywheel side" sticker must face the flywheel and facing with "gearbox side" must face the clutch cover. At this point use the alignment tool to align the friction discs to the pilot bearing.



- 8) Mount the main pressure plate casting into the adapter ring with the fulcrum facing up. Then mount the alloy cover to the adapter ring



- 9) Loosely start the threads on 10 of the 20 M6 pressure plate bolts. Use the alignment tool at this point to hold the discs central to the pilot bearing whilst slowly tightening the 10 pressure plate bolts by hand.



- 10) Start to do the 10 bolts up $\frac{1}{4}$ turn at a time in a circular motion. After every rotation remove and re-fit the alignment tool to check the discs are aligned to the pilot bearing.



- 11) When the 10 M6 bolts have pulled the alloy cover up to the adapter ring firmly the remaining 10 pressure plate bolts can be installed. At this point torque all 20 bolts up to 13ft.lbs/ 18N.m.

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