



CLUTCHTECH



TSB-CP06

Lubrication of Driven Plate Hub Splines, Gearbox Input Shaft Splines, Release Bearing Collar, Release Bearing Mounting Lugs & Gearbox Input Shaft Sleeve.

When fitting a new clutch to a vehicle the driven plate hub splines, gearbox input shaft splines, release bearing collar, release bearing mounting lugs and gearbox input shaft sleeve should be correctly lubricated with ClutchPro grease SP3 in order to ensure that the driven plate and release bearing slide freely on the gearbox input shaft and input shaft sleeve respectively. Failure to lubricate these parts correctly will result in clutch non-release, hard pedal action, shudder and slipping problems and eventual failure of the clutch after a short operating period in the vehicle.

DO NOT USE ANY ANTI-SEIZING COMPOUNDS SUCH AS COPPER OR ALUMINIUM PASTE AS THE CARRIER BASE IN THESE COMPOUNDS IS PRONE TO THINNING OUT UNDER HEAT AND CONTAMINATING THE CLUTCH FRICTION SURFACES, RESULTING IN CLUTCH SHUDDER AND SLIPPING PROBLEMS. THE COPPER AND ALUMINIUM SOLIDS ALSO REACT WITH DUST AND HEAT AND BECOME HARD, PREVENTING THE CLUTCH FROM OPERATING FREELY AND RESULTING IN CLUTCH NON-RELEASE AND HARD PEDAL ACTION PROBLEMS.

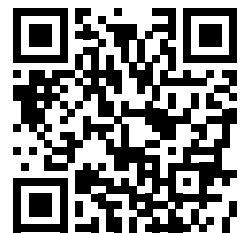
The correct method of lubricating the clutch parts is detailed as follows:

1. Lightly apply grease to the driven plate hub splines and remove excess grease from the hub.
2. Clean all traces of old grease and dirt from the gearbox input shaft splines and lightly apply grease to the splines. Remove excess grease.
3. Test-fit the driven plate on the gearbox input shaft to ensure that it moves freely. Remove excess grease.
4. Clean all traces of old grease and dirt from the gearbox input shaft sleeve and lightly apply grease to the input shaft sleeve, release bearing collar and release bearing mounting lugs.
5. Test-fit the bearing on the gearbox input shaft sleeve to ensure that it moves freely. Remove excess grease.

All excess grease should be carefully removed from the parts in order to prevent contamination of the driven plate facings during operation, as grease contamination will cause clutch shudder and slipping problems.



youtube.com/watch?v=OrH7gCmjF-o



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