



# CLUTCHTECH



## TSB - M103

### Hard Clutch Pedal Action, Non-Release & Clutch Cable Failure Problems

Applies to ClutchPro kits:

KMI20001  
KMI22003  
(Mitsubishi L300)

Investigation of hard clutch pedal action, non-release and clutch cable failure problems in Mitsubishi L300 vehicles has shown that these problems are caused by a defective clutch release mechanism in the vehicle. The cause of hard pedal action, non-release and clutch cable failure in these vehicles is often incorrectly diagnosed as a faulty cover assembly, with the result that the clutch assembly is replaced without solving the problem.

When fitting a KMI20001 or KMI22003 matched kit to these vehicles the clutch cable should always be replaced with an original Mitsubishi part in order to prevent hard clutch pedal action and non-release problems. The clutch cable is a wearing part and should be renewed with every clutch replacement as it is not possible to inspect a worn clutch cable visually with any accuracy. It has been found that most aftermarket replacement clutch cables available for these vehicles are poorly manufactured and become extremely stiff after a short period of operation in the vehicle.

The clutch cable should be carefully routed without any tight curves or sharp bends from the clutch pedal to the gearbox as incorrect routing causes the cable to distort and bind, resulting in hard pedal action and non-release problems.

The clutch pedal bracket assembly should be carefully inspected for indications of flexing or cracking, as pedal assembly distortion causes misalignment of the clutch cable, resulting in hard pedal action, non-release and clutch cable failure. The steel tube on the side of the pedal bracket which locates the clutch cable upper mounting bush and cable adjuster is particularly prone to distortion and cracking in these vehicles.

The gearbox input shaft sleeve should be cleaned to remove all traces of old grease and dirt, and carefully inspected for evidence of scoring or grooving. If any scoring or grooving is found, the input shaft sleeve should be replaced with a new part in order to ensure that the release bearing operates freely in the vehicle.

When fitting a new release bearing the bearing collar, release lever pivot points and gearbox input shaft sleeve should be lightly lubricated with grease. Slide the release bearing up and down on the gearbox input shaft sleeve to ensure that it moves freely, and remove excess grease in order to prevent contamination of the driven plate facings.

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