



Mack Chassis - mDRIVE Equipped - Automated Manual Transmission (AMT) - F - Gearbox Calibration Option For Transmission Removed From Chassis - (Missing In Premium Tech Tool (PTT)



> Internal Content

Tech Tool version 2.5.85 contains the fix for this issue. Please update to the latest version.

If needed the solution below is still valid for older TT versions.

While this solution is specific for the missing operation in the US17 Mack Chassis equipped with the mDRIVE AMT-F transmission, the general information is applicable to all AMT products.

An AMT-F transmission saves and reinstalls the calibration data during a transmission Electronic Control Unit (TECU) reprogram event so the unit should still contain a valid calibration and not need a recalibration if major components were not changed. Depending on your situation select one of the options below as a workaround.

1. If the calibration must be performed before reinstalling the transmission into the chassis, go offline from central systems in Premium Tech Tool and then select " Finish Work ". Remove the chassis from central data using the " Latest Selections " screen. Re-identify the chassis and remain offline with the central systems. This will allow the calibration option to be visible in the calibration screen.

2. If the unit only needs to be verified to be assembled correctly then the 4320-08-03-40 Gears test in the test tab can be used to shift the transmission into different positions.

Due to the possibility of gear blocking the test may fail to engage certain gears when commanded. If this happens command the shift again while slowly turning the input shaft to help to align the engaging teeth of the gears. It is normal for this to happen and does not represent a failure internally in the transmission unless a specific shifter continually fails to engage a specific position. If the transmission has been apart this could indicate that this specific shifter is misaligned. The shifter will be stuck in an engaged gear position and unable to move to the neutral position or the opposite gear position.





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