

BMW Engine Conversion Specialist

Installation Instructions – BMW M57n Engine and 6HP Automatic Gearbox Mount Set to Defender 300tdi

This conversion is a non-standard engine conversion – therefore modifications, fabrication and problem solving are required! This mount kit is the best solution for retaining the standard chassis brackets, however some minor modification is required.

This mount set is suitable for A/C. However, the oil feed pipe on the steering box does require manipulation to give enough clearance to the A/C pump.

In this conversion the original 300tdi gearbox crossmember is no longer used. You must also purchase and fit a Defender TD5 gearbox crossmember and bolts to retain chassis rigidity.





Right Hand Engine Mount

Clean threaded holes in engine block with a tap and bolt mount to engine block evenly using washers and torque M10 bolts to 55nm.

**Cast Engine Block Models - Elongate the M8 hole in the turbo support bracket to enable the two M8 mounting holes to be used. Torque M8 bolts to 30nm. Modification of the oil drain may be required depending on engine model. A standard BMW E53 X5 turbo oil drain pipe fits correctly. **





Left Hand Engine Mount

Clean threaded holes in engine block with a tap and bolt mount to block evenly using washers and torque M10 bolts to 55nm.



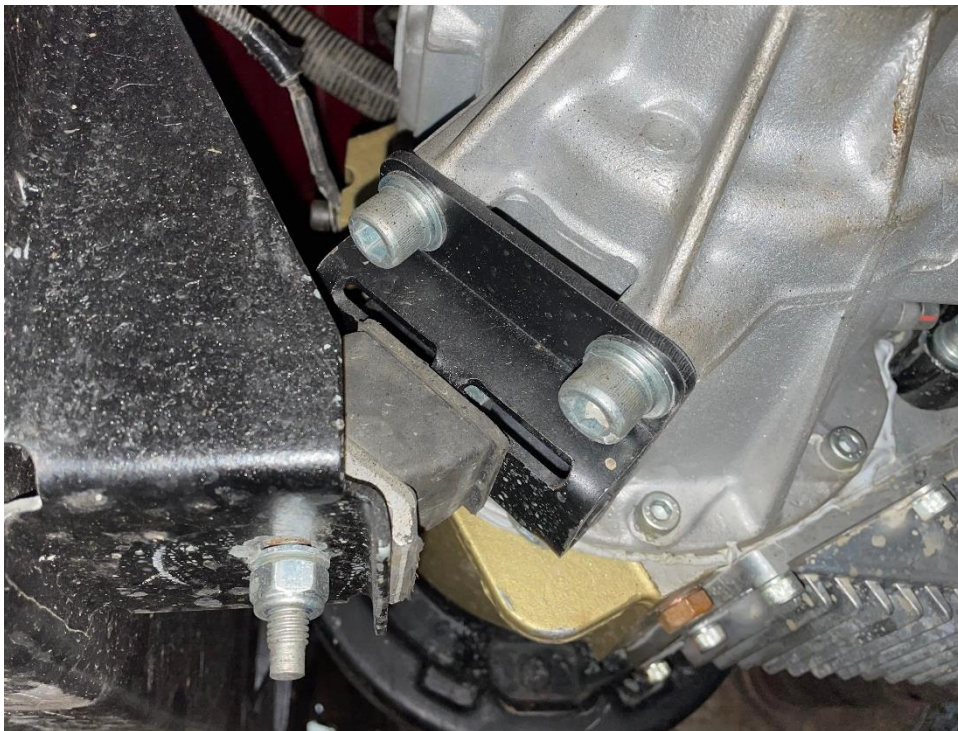


Right Hand Transfer Box Mount

Secure the new Right Hand chassis bracket to the chassis using 3 M8 bolts through the original chassis holes torqued to 30nm.



Replace the standard Land Rover transfer box mount with the unit supplied. Torque the M12 bolts to 100nm.





Left Hand Gearbox Mount

Secure the new Left Hand chassis bracket to the chassis using 3 M8 bolts through the original chassis holes.



Fit the rubber mount to the mounting bracket and then secure mounting bracket through the left-hand holes of the House of Torque BMW6/8hp-LT230 Adapter Plate. (Threads from these holes may require removal with 10.5mm drill bit).





Chassis Crossmember

Fit TD5 chassis crossmember to retain chassis strength

****Check all bolt torques after 30 miles of driving****

If you have any queries with the installation, please don't hesitate to contact us.