

BMW Engine Conversion Specialist

Installation Instructions – BMW Automatic Engine and Gearbox Mount set to Defender TDCI 2.2 & 2.4

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.





Right Hand Engine Mount

Alloy Engine Block Models - Clean threaded holes in engine block with a tap and bolt the mount to the engine block evenly using washers and torque M10 bolts to 55nm.

Place 6mm spreader plate and rubber mount on chassis bracket and tighten M12 mounting bolts and washers to 100nm.



M57306D3 E90 DPF mount pictured above

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. Fit remaining M10 bolts and torque to 55nm.





Left Hand Engine mount

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

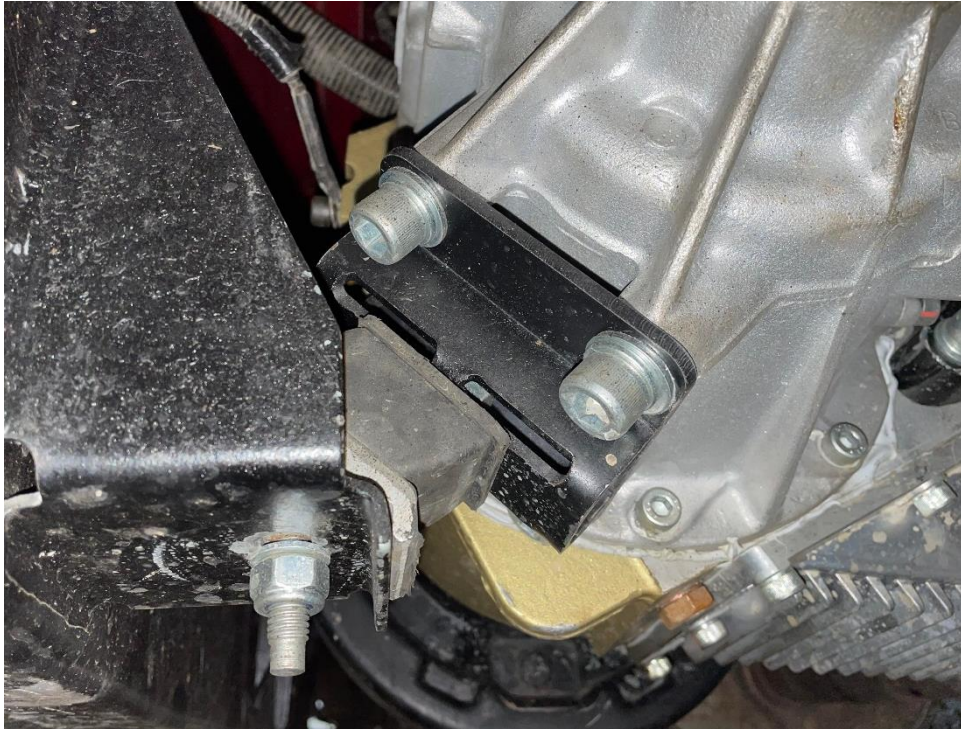
Place 6mm spreader plate and rubber mount on chassis bracket and tighten M12 mounting bolts and washers to 100nm.





Right Hand Transfer Box Mount

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



Left Hand Gearbox Mount

Mark hole to be drilled in the chassis bracket by using the rubber mount as reference. This allows for correct alignment of the driveline in the chassis. See picture below:





Fit rubber mount to mounting bracket and then secure mounting bracket through the left-hand holes of the House of Torque BMW6/8hp-LT230 Adapter plate. (Threads from holes may require removal with 10.5mm drill bit). Torque M10 bolts to 55nm.



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

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