

LOF EXTREMEspec MT82 Output shaft kit **fitting instructions**

1. Remove Transfer box
2. Remove adapter shaft housing
3. Use a slide hammer to remove the old output shaft
4. Next remove the retaining nut from the back of the gearbox using a 30mm 6 point impact socket and gun.
5. In order to remove the female-female coupling, use a 2 or 3 legged puller and extract the coupling, using the original retaining bolt in the center to press against
6. Next remove the old MT82 gearbox seal
7. Clean the back face of the gearbox thoroughly using brake cleaner
8. Next install the new seal into the back of the gearbox, ensuring that the seal goes in square and undamaged (This is critical, wrong installation can cause leaks)
9. Now take the LOF adapter bolt and apply Loctite to the outside thread. Wind the bolt into the back of the gearbox main-shaft, Set the bolt to a torque of 75Nm using a ½” Torque wrench. (put gearbox in 6th gear to achieve this)
10. Now take the solid LOF Output shaft and lightly grease the female spline, as well as priming the seal land with grease. (note too much can cause a hydraulic effect preventing full
11. Insert the shaft into the back of the gearbox, using a copper/ hide mallet to knock the shaft onto the splines square.
12. Once the shaft is well seated onto the gearbox, place the pair of nordlock washers onto the M12 retaining bolt, and add Loctite to the M12 male thread on the bolt.
13. Slide the draw bolt into the back of the output shaft, and tighten by hand.
14. Next torque the M12 Cap-head bolt to 95Nm
15. Now prime the transfer box spline and transfer box seal with grease.

Now successfully installed, build the transfer box back into the vehicle and take it for a test drive!