

F2X/F3X Rear Differential Insert Kit

Product part number: MMR12-6001

Please take time to read these instructions thoroughly before proceeding. When performing the installation, read the instructions fully before working on the car. If you feel that you do not have the requisite skills or tools/facilities, please arrange for a qualified technician to perform the installation.

Ease of Fitment:

Required Tools:

Included in the box:



(the greater the star rating
the easier the installation)

- 21mm Spanner
- E10mm Socket
- 21 & 18mm Socket
- Torque Wrench
- Rubber Grease

- 2 x Diff Front Bush Insert
- 1 x Diff Rear Bush Insert
- 1 x Rear Insert Washer



✗ STEP 1 – Vehicle Prep

Raise the vehicle using a 2 poster lift or car jack. Secure with axle stand if not using a vehicle lift.

First identify if your vehicle has a vibration dampener, if so use a E10 socket to remove the M6 retaining bolt and place the dampener aside. This will be reinstalled in STEP 2.

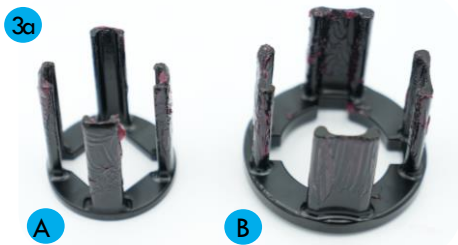


✗ STEP 2 – Installation of Rear Diff Inserts

Support the rear differential with a transmission or vehicle jack (if not using a 2-poster ramp). Once supported remove the bolts using a 21mm socket and place the factory bolt to one side.

Grease the 1 x Diff Rear Bush Insert to allow easy install as shown in *Figure 3a* labelled *B*. Then thread the bolt partially in to allow the Rear Insert Washer to be offered into place, then tighten down the bolt with a Torque of 165Nm.

If your vehicle has a vibration damper, it can be reinstalled at this point or at the end of the full installation.



✗ STEP 3 – Installation of Front Diff Inserts

First prep the 2 x Diff Front Bush Inserts by greasing the top sections as shown in *Figure 3a*, labelled *A*.

Next stage is to remove the 2 x front differential bolts, these can be completed one after another, if no differential support is being used.



Remove 1 x bolt and insert Diff Insert, as shown in *Figure 3b*. Once flush with the OEM bush bolt seat, thread bolt back in and tighten to allow the repeat on the second front diff bush.

Once both bolts are threaded in place, torque to 100Nm.

Finally remove differential support, the install is complete.