

## MMR BILLET GEAR SHIFT KNOB

Product part number: MMR14-1501

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 fewer the star rating the easier the installation)

- 3mm Allen Key
- Plastic Trim Removal Tool

- x1 Gear Knob
- x1 Gear Knob Shaft
- x1 Gear Knob Gaiter Collar
- x2 Gear Knob Die Cast 'Coins'
- x1 Locater Pin
- x3 Grub Screws



### ✘ STEP 1 – Removal of OEM Gear Knob

Firstly, detach the gear gaiter using a plastic trim removal tool, be careful to not rip the leather or scratch any surrounding trim.

Next grip the factory BMW gear knob firmly and pull up to remove from the gear selector shaft.

Finally remove the gear garter from the factory gear knob ready for Step 2.



### ✘ STEP 2 – Install of MMR Adaptor

Next back out the 3 x grub screws from the adaptor and slide it over the gear selector shaft, ensure the locater pin is held in place while lowering the adaptor over the selector shaft.

Once in place using a 3mm allen key, tighten the adapter down in sequence to ensure equal load on the selector shaft. NOTE : Medium strength thread lock can be applied to each grub screw to stop them backing out under use and vibration.



### ✘ STEP 3 – Install of Gear Gaiter

Once the MMR adaptor is in place, offer over the gear gaiter and click the surrounding edge into place until it is firmly in place.

Next slide the gaiter collar over the adaptor and tuck the gaiter into the collar ensure it is seated correctly.



### ✘ STEP 4 – Gear Knob Install

Next stage is to thread the MMR gear knob onto the selector shaft adaptor and ensure the MMR logo on the gaiter collar is the orientation you wish while you hand tighten the knob until no more rotation is possible.

Finally select your style of MMR 'Coin' and apply 3M double sided tape and bond in the top section.