



AA Level 4 Short Shifter Instructions For E36 M3

TOOLS NEEDED:

- large screw driver
- small screw driver
- small needle nose pliers

Inside car interior compartment



Remove gear shift knob by pulling straight up
If gear shift knob is of illuminated type.
Disconnect wire before pulling knob completely
off



Remove shift boot that is around shifter



Remove Foam Pad



Shift Lever exposed

Underneath Car

Recommended that a Garage or competent technician perform. A lift is preferred for this type of **Installation**



Look for gear shift lever where it connects to shift rod. Disconnect circlip and slide off shift lever from shift rod (NOTE: look for placement of YELLOW circular spacers) they will be reinstalled back.



The gear lever is now disconnected from the shift carrier.



Factory Shifter doesn't need to be removed separately from carrier. It can be removed as a complete unit from under the car.



At the front of the shift carrier, it is connected to the gearbox via a pin with a BARB like clip on the end.(NOTE: look at the new AA Carrier assembly provided, there is a similar BARB with a clip at the end of the carrier). A new one is provided, since the original is usually damaged upon removal.

Underneath Car



Removing Barb type clip:

NOTE: Don't worry about messing up the clip, a new one is provided

Using a long screwdriver, try to pry the BARB clip away from the Gearbox housing by pushing up. Once the BARBS are off and up, the clip can slide out. This disconnects the front part of the shift carrier.



Looking at the rear of the carrier, it is held in place by a ROUND metal bushing that is snapped in place. Pry the ROUND metal bushing out using a screwdriver.

The shift carrier with shift lever can now be removed from the car. It can be removed as a complete unit.

Reinstallation from underneath the Car



Install the AA Carrier from underneath the car
Remove the BARB clip from the AA carrier leaving the rubber installed.
Push the new BARB clip through, then DOWN until the BARBS snap in place.



Secure the back of the carrier by sliding on the ROUND metal bushing. Push up on this bushing until it snaps in place.

Inside the car interior compartment



Inspect the new AA shift lever, there should be grease around the white cup.
Push the AA Shifter through the hole and snap into the shift carrier. The snap must engage to lock the shifter lever.



Reinstalling the Gear Shift Foam

NOTE: Make sure the lever is turned the correct way, otherwise the shift lever will touch the console when going through the gears.



Reinstalling the Gear Shift Boot



Install AA Signature Shift Knob using allen screws to secure.

Reinstallation from underneath the Car



Place the corresponding YELLOW circular washers before connecting to gear shift lever.



Look for the end of the gear shift lever and connect to shift rod. Secure with the circlip at the end

This should conclude the AA Short Shifter Installation

Recheck all bolts and fasteners and perform a simulated shift procedure for a test.

Road test.