

Removal securing ring from the shift rail _option A:



First modify a long screw-driver to make it able to loosen the securing sheet metal rings.



Install a cloth around the bolt, from which you loosen the securing ring using a long screw-driver to prevent it from falling down and hold it additionally with your finger when levering it out.



Then take a long tool with a magnet and take the securing ring under it and the washer out of the gearbox.



Removal securing ring from the shift rail _option B:

It is alternatively possible to attach a magnetic spacer ring with the diameter of 18 mm (inner hole) and 30 mm (outer diameter) to the bolt, from which you loosen the flexible levered out.securing ring. It is necessary to fix the magnetic spacer to a string – it catches the flexible ring it is



Removal the loose shift rail:



After releasing both securing rings, lift the shift rail, push it out of the gearbox through the hole at the shafts at the end of the gearboxes



Cover carefully the interior of the gearbox to prevent it from dust (using some textile cloth – only the shift rail pushed out goes through the cloth, all must be covered, on the circumference of the gearbox, the cloth is fixed by a string/ wire)



In the place marked, the shift rail it cut through.



Then, the shift rail can be carefully taken out through the hole on the above side of the gearbox using the magnet.

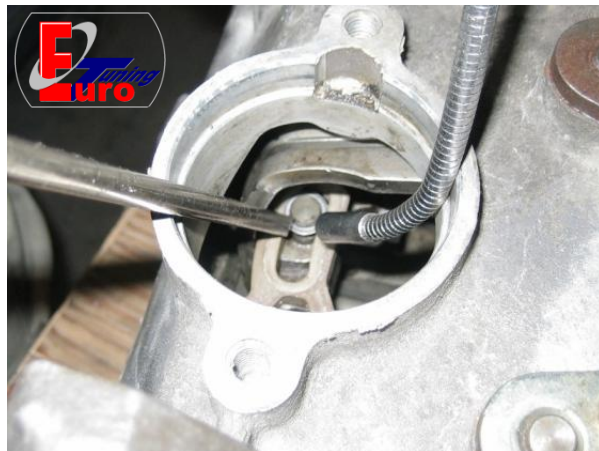


It is also possible without sparks but you have to have a very big chain cutter, we have good experience with the size 36", length of the holder is 28 inch. When cutting, the one handle is leaned against earth, and you can then operate the other – if necessary – with the entire mass of your body. During this operation, it is necessary to make sure/check that the shift rail is not leaned against the gears and it cannot damage them while cutting, when the force developed has to be relatively high.

A new EuroTuning shift rail is put into the gearbox:



Using a magnet and a long screw-driver, put a washer on one of the bolts



The securing ring is fixed to a pack-thread and lowered into the gearbox and carefully directed to the groove



Then carefully pressed on to be locked, if the action is not successful, repeat it



Finally, the thread is cut away from both fixed securing rings. It does not matter, if a piece remains fixed to the ring.