

VW RABBIT CUSTOM SHIFTER

INSTALLATION INSTRUCTIONS

1. To correctly install this shifter it is necessary to have good access to the underside of the car.
2. Make sure the stock shifter is in the neutral position before starting the removal procedure.
3. Working under the car remove the weatherseal boot from the bottom of the shifter mounting plate and the housing. Move the boot forward on the shift rod so that the clevis bolt is accessible. If the boot proves hard to move it can be made easier by loosening the bolts in the mounting plate and the housing.
4. Remove the nut and washer from the clevis bolt. Now pull the clevis bolt out from the yoke on the shift rod and from the plastic bushings in the eye of the shift lever. Remove these plastic bushings from the eye in the shift lever as these will be re-used with the EMPI shifter during reassembly.
5. Working back inside the car remove the boot from the base of the gear shift lever and slide it up the lever. Remove the gear shift knob by unscrewing it and slide the boot off. This boot will be re-used later.
6. Remove the stock shifter and it's mounting plate from the floor of the car by undoing the three mounting bolts and nuts. These bolts will be re-used to install the EMPI Shifter.
7. Assemble the EMPI Shifter to the new mounting plate in the kit with the three bolts and nuts provided.
8. Bolt the EMPI Shifter and the mounting plate to the floor of the car in, the same position as the stock unit, using the previously removed nuts and bolts.
9. Moving back under the car go to the front of the shift rod and loosen the shift rod clamp. Be very careful to keep the transmission in neutral during this operation.
10. Replace the plastic bushings, previously removed, in the eye of the shifter lever
11. If possible get someone in the car to pull up on the reverse trigger and remove the shifter lever over to the extreme left to gain more space to replace the clevis bolt. If you are on your own the same effect can be achieved by using a screwdriver from under the car and pushing up on the reverse release sliding blade.
12. Coat the clevis bolt with grease and reassemble the nut washer and bolt. Tighten to a torque of 14 ft. lb (2.0mkg)

INSTALLATION INSTRUCTIONS (cont)

13. Using feeler gauges or a 0.156" drill bit place this between the cross pin and the reverse release blade. Now tighten down the clamp on the front of the shift rod. The gear shift lever should be in its central position but due to production variations you may have to go a size smaller 0.140" or larger 0.171" to get the correct setting and smooth shifting.
14. Replace the weatherseal boot over the linkage. This may have to be installed with sheet metal screws(not provided).
15. Back inside the car remove the shifter knob and replace the stock boot. To help it over the reverse trigger mechanism apply a little soap.

TEST OPERATION. REVERSE TRIGGER UP

With the reverse trigger up you will be able to engage reverse gear as well as first and second gears. You should not be able to engage any other gears

TEST OPERATION. REVERSE TRIGGER DOWN

All forward gears should be accessible but you should not be able to engage reverse gear.



