

T3 Vanagon Short Throw Shift Kit

The installation of the quick shift kit can be performed with the shifter in the vehicle. No need to remove the shifter for installation.

Tools:

Drill

10mm wrench

13mm wrench

Screwdriver

- 1) Remove the shift knob and rubber boot. If present, remove the black plastic sheathing from the shift lever (not all models have this).
- 2) From the kit, grab the round sleeve with the hole in the side. With the hole nearest the top, slide the sleeve over the shift. Slide it down all the way until it rests on the stock, existing collar above the spring. This is your drilling guide for the next step.
- 3) Using the provided drill bit, spot-drill a divot into the shift lever to a depth between 0.150" and 0.175" deep (not very deep). The sleeve provided in the kit is your guide for where to place the new divot. If you need a reference for how deep to drill, you can loosen the set screw in the stock, existing collar and slide the collar away so you can see the divot that VW drilled into the lever. You want to mimic this divot. Reinstall the stock, existing collar before drilling. The new divot will be approximately $\frac{3}{4}$ " above the original divot when finished.
- 4) Loosen the set screw on the stock, existing collar and remove the collar and spring. Use a scratch awl or permanent marker to mark around each of the two washers on the base plate. This will be your reference for reinstalling the base plate so do not skip this step.
- 5) Using a 10mm wrench or socket, remove the nuts holding the base plate in place. Remove the washers and spring, then slide the entire baseplate assembly up the shift lever and set aside.
- 6) Using the tall nuts included in the kit, install them onto the 6mm studs protruding from the floor. Use a 13mm wrench or socket to tighten the tall nuts. Be careful! Those studs and nuts are small so do not over-tighten them.
- 7) Install the aluminum riser plate over the tall nuts smooth side down.
- 8) Install the spacer sleeve you used earlier for your drilling guide onto the shift lever in the same orientation you used for drilling (side hole nearest the top). Push it all the way down until it rests on the welded ring on the shaft. Reinstall the baseplate assembly, spring, and collar. Push the collar down against the spring until the set screw aligns with the new divot you drilled earlier. Tighten the set screw into the new divot. It may be necessary to pull upward on the shift lever at the same time you are pushing down on the collar to get the set screw to line up with the divot.
- 9) Line up the mounting holes in the base plate with the tall nuts you installed earlier. Thread in the provided 6mm bolts using the stock or provided washers. Using the marks you made around the washers in step #4, align the base plate so the washers line up with the marks and tighten the bolts.
*NOTE – If, after complete installation, you find that you are having trouble finding gears, you may need to go through the entire shifter alignment procedure as lined out in the Bentley repair manual. This is an involved procedure, but if your shifter is out of alignment specs, it is the only sure way to ensure the entire shift mechanism is aligned properly.
- 10) Reinstall your rubber boot, black plastic sleeve (if present), and shift knob.
- 11) Enjoy your new shifting experience.



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