

# snabb<sup>TM</sup>

## PERFORMANCE PARTS

### VOLVO V S/R M66 Short shifter

#### Kit Contents:

- 1 SNABB Short Shift stick
- 1 Mounting pin for shift knob
- 1 Spring Clip, Plastic
- Installation instructions

#### Tools needed:

- Torx drivers
- Pliers
- Metric sockets and ratchet
- Large minus screw driver
- White lithium grease

Thank you for your purchase!

Your Snabb V/SR short shifter has been designed to reduce the front to back throw by approximately 25% without significantly increasing effort. Additionally we have carefully designed your shifter to accept the stock shift knob while simultaneously lowering the height of the knob as far as possible. Please keep in mind that if you prefer to install an aftermarket knob, you will need to modify the stick in whatever way is appropriate for the knob chosen. We do not manufacture aftermarket shift knobs.

#### TIPS

- It is possible to retro-fit a SNABB Short-shift Stick without removing the entire Center Console BUT; fully removing console will make it a bit easier.
- Your SNABB shifter has been designed to accept the stock Shifter Ball. If you want to fit a different ball, doing so before fitting Stick to car is much easier.

Installation of SNABB short shifter :

1. To remove stock shifter knob;

Press down hard on shift knob and turn counter clock-wise approximately 1/3 turn to release then pull straight up on knob to remove it from the stick.



2. To remove Spaceball;

Open cup holder tray fully, then grip rear edge of spaceball cover and pull sharply upwards,

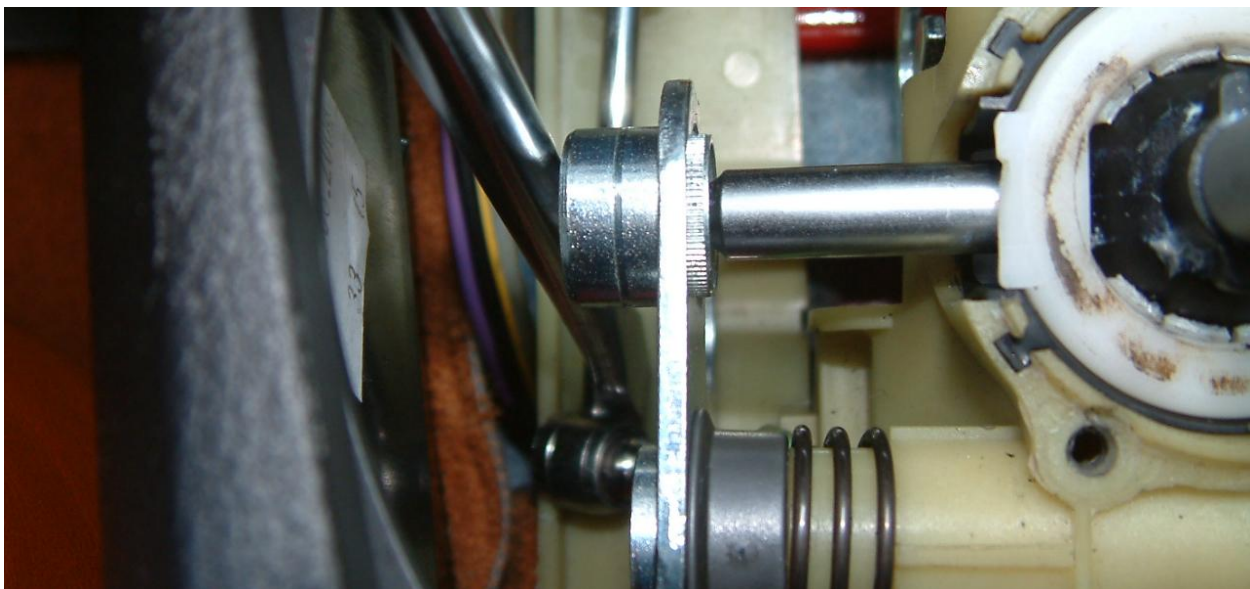


...Remove cover from console.

Release rear spaceball cover clip by pushing it forward, Then pull up at rear and remove.

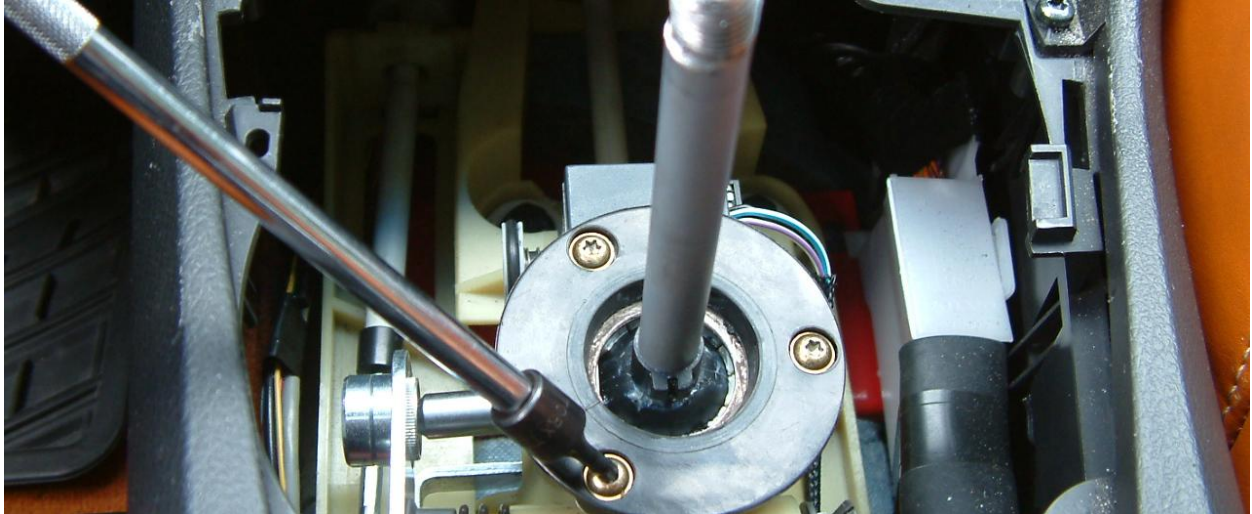


3. Pry shift cable ball end off of side-to-side lever and let cable-end rest at bottom. Pry shift cable ball end off of shifter bottom, let cable end rest at bottom.

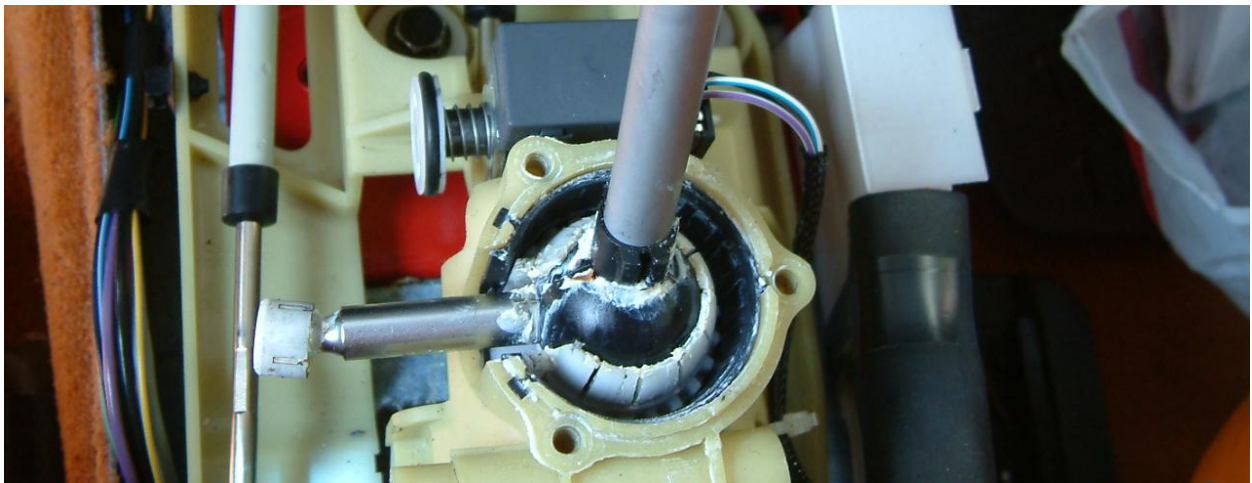
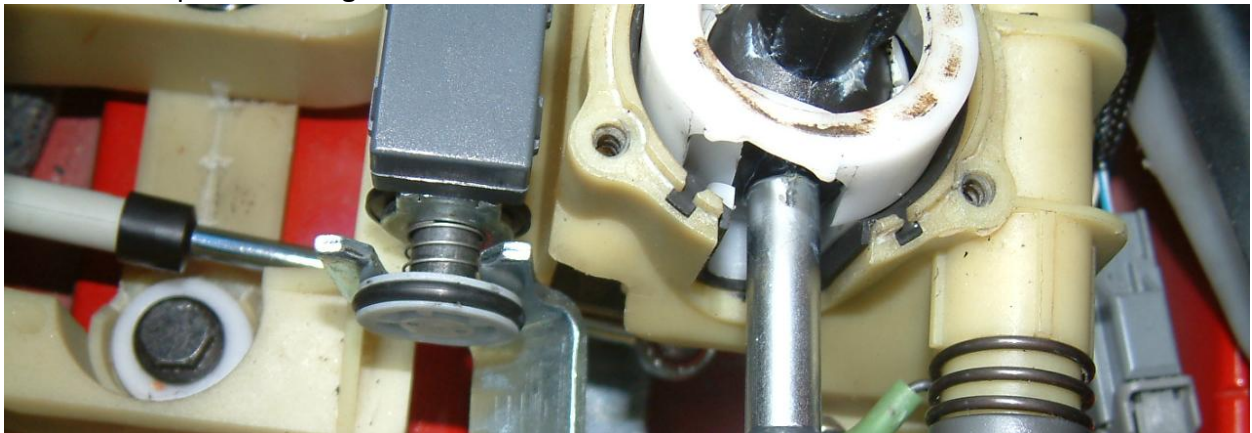




4. "Remove three Torx screws from top of Shifter Base (white plastic base) to remove Round Cover (Black Plastic), then remove Upper Socket Spacer (white plastic, with slots) and set aside.



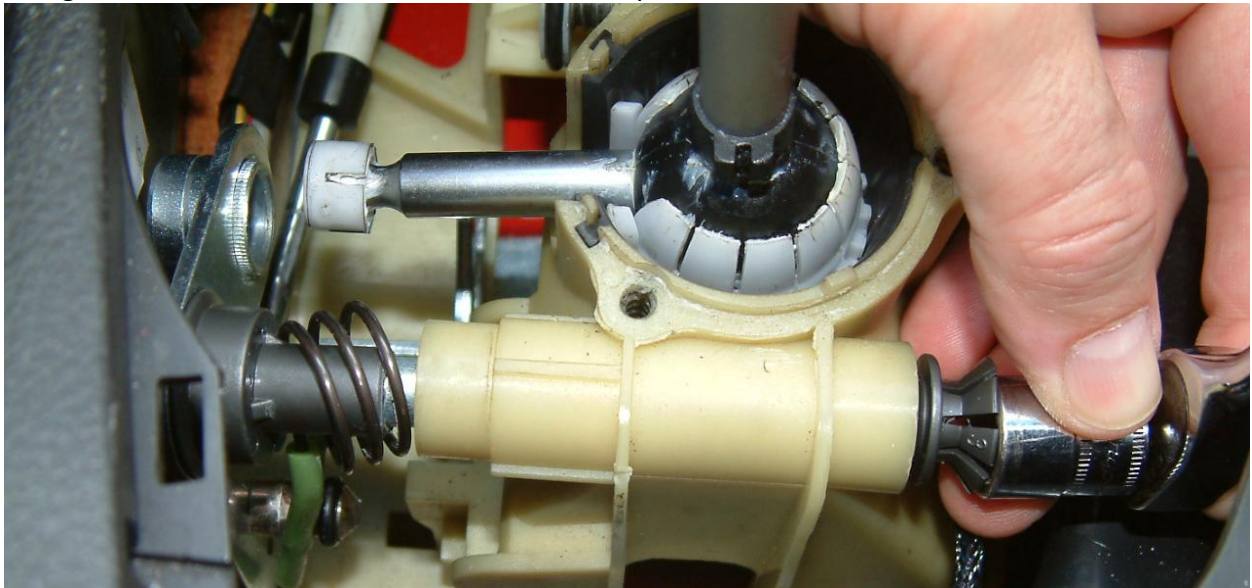
5. Remove top ball bushing and set aside.



6. Remove spring clip for side-to-side lever by flexing tabs on clip to allow rod to slide to left.  
*Tip: An easy way to release clip is to push all tabs with a small socket, while pulling lever to the left. (If Clip tabs break off, there is a new Clip in the kit).*  
See following pictures.

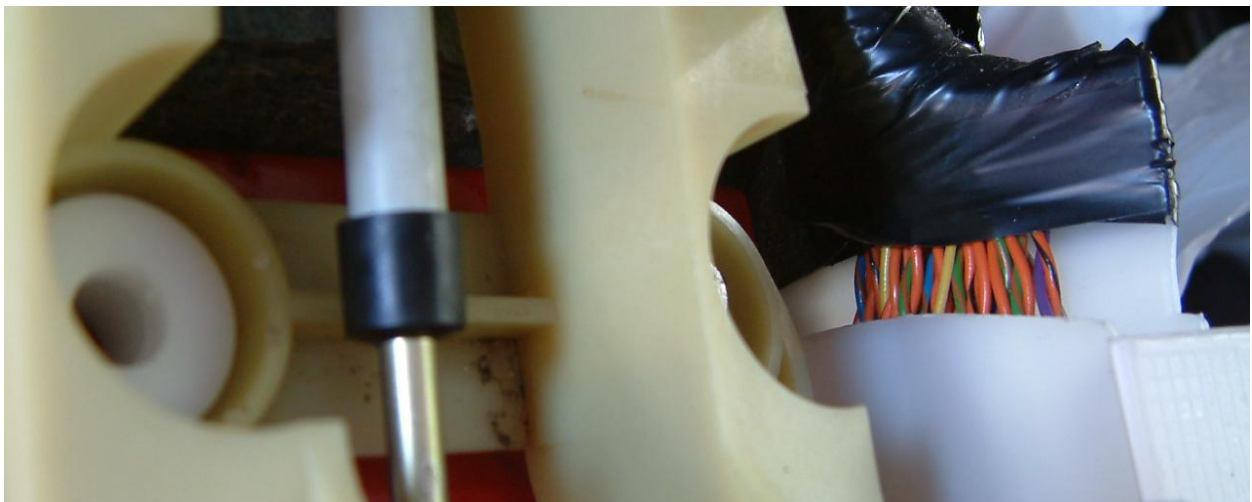


Using small socket to flare out the tabs on the clip



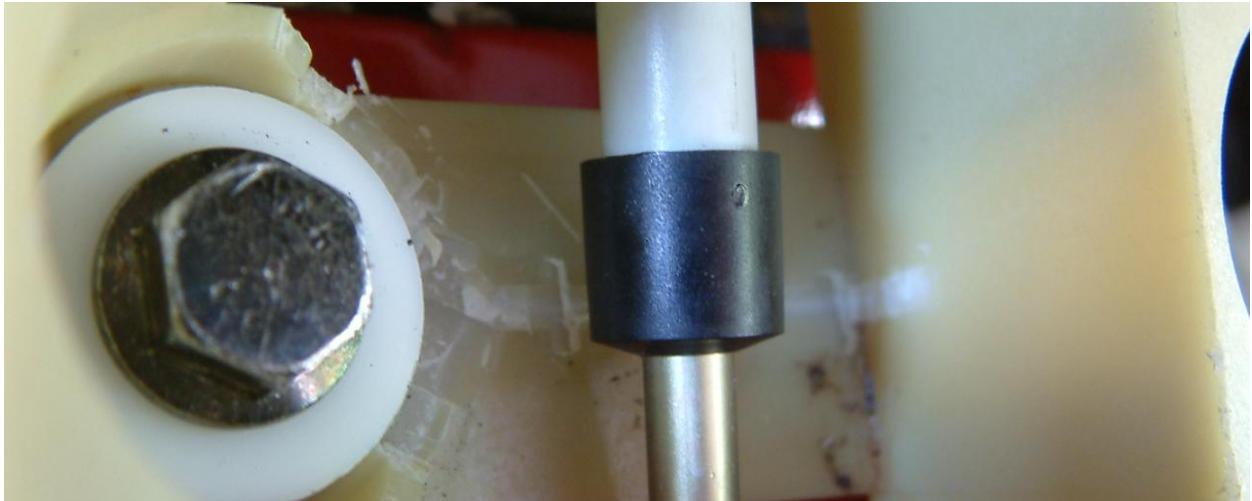
7. Modify shifter base to allow new shifter cable position with sharp chisel or grinder. Remove rib as shown.

**Before:**

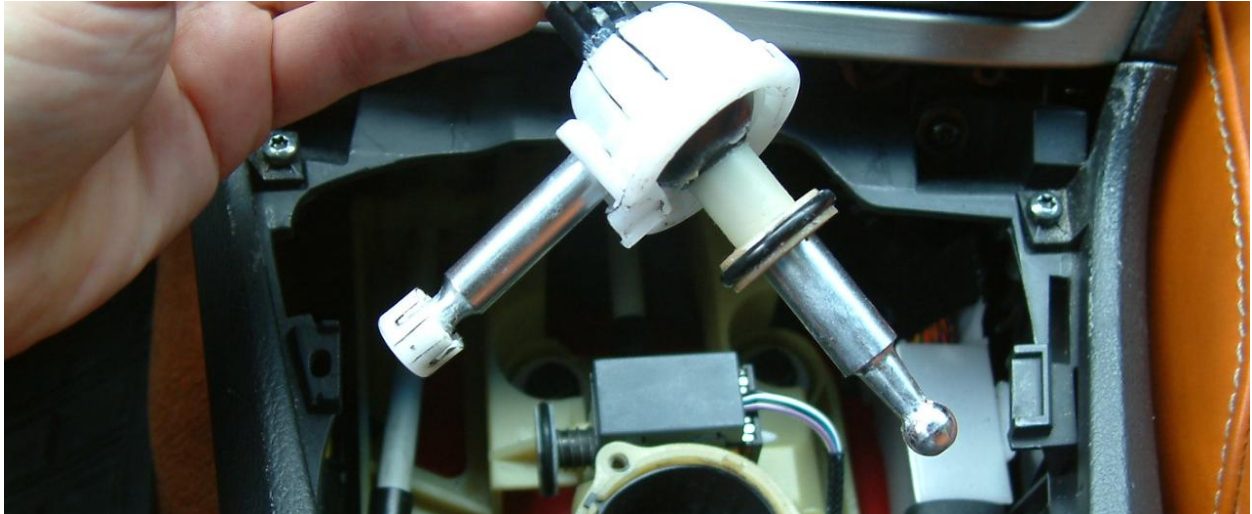




**After:**

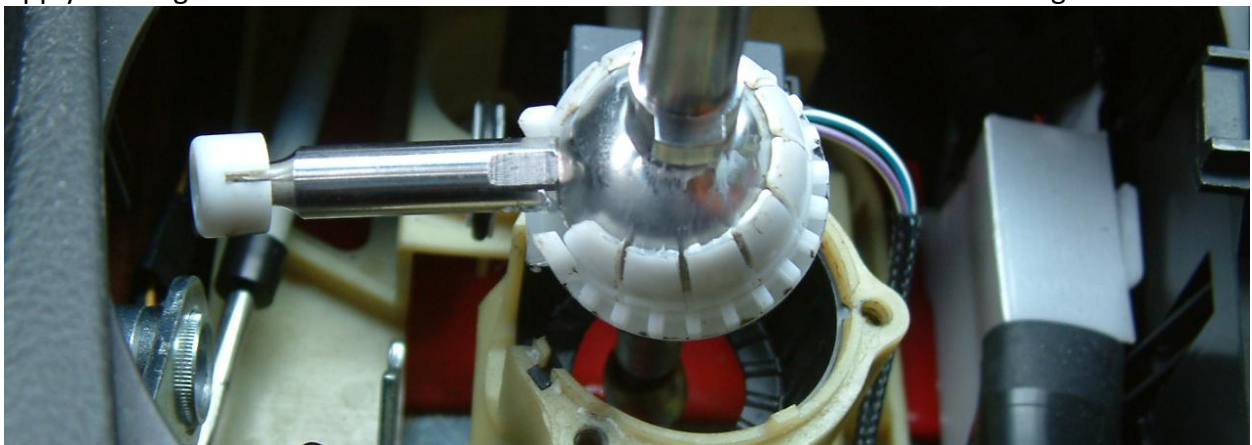


8. To remove shift stick, push side-to-side rod to left, and pull shifter upwards to release from socket.

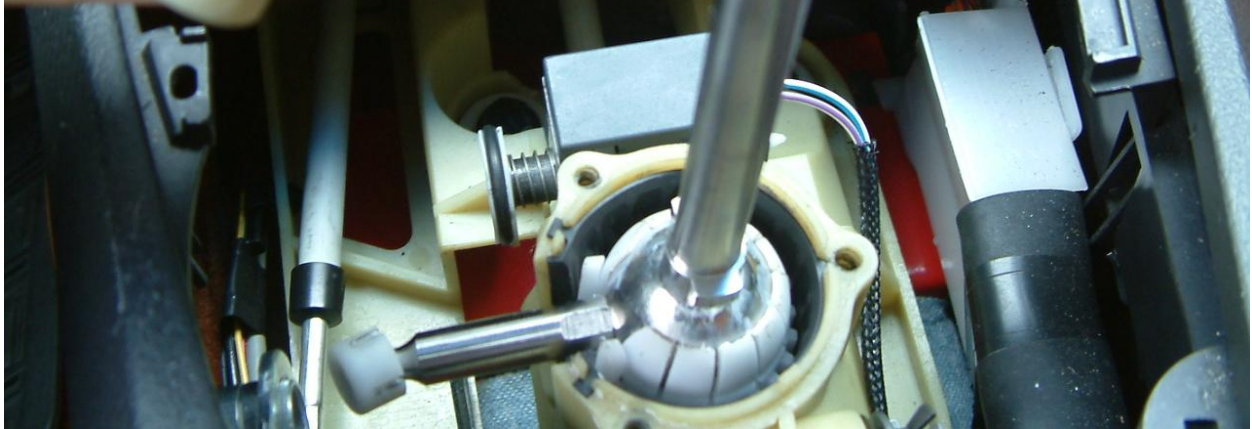


9. Pry or pull white plastic ball bushing from shifter. Remove small white plastic bushing from side rod and remove O-ring from shifter bottom.

10. Apply light layer of white grease to shifter ball, fit bushing over ball. Apply white grease to ball end at bottom of shifter and side-to-side lever bushing.

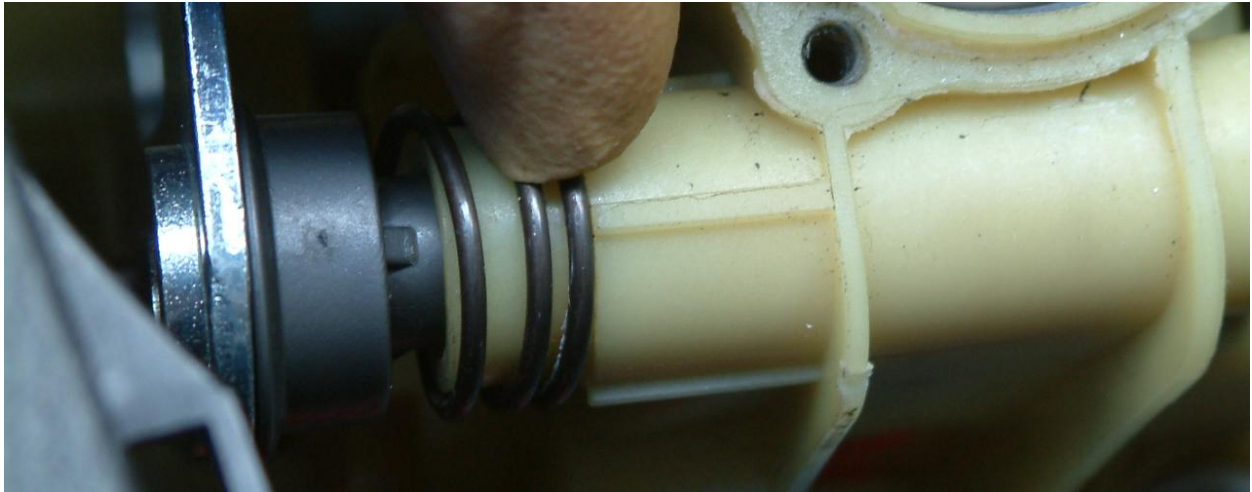


11. Fit SNABB stick into recess, then re-fit forward-backward cable end to stick, you will hear a sharp click or snap when it is on correctly.



12. Refit top retaining Upper Socket Spacer and Top (round) Cover, and refit 3 Torx screws. Do Not Over-tighten

13. Fit Side-to-side lever with small plastic bushing into side arm recess, sliding rod to right, fit spring clip to right side of rod. Ensure clip tabs are properly seated, wiggle rod to be sure it is locked in place.



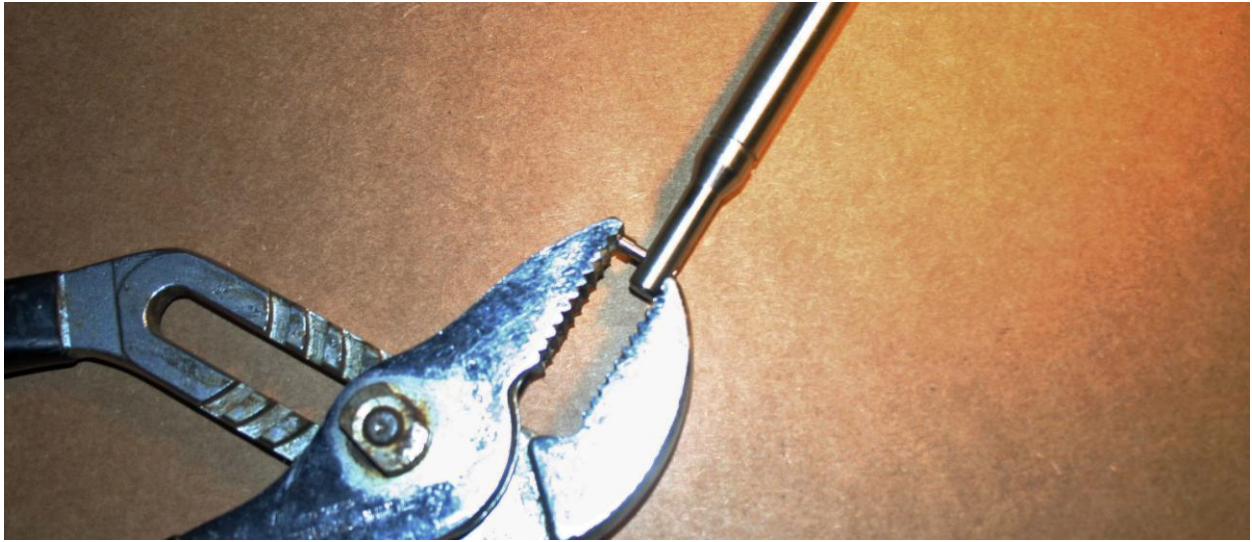
\*Note\* see above photo for correct orientation of grey plastic bushing, rib must be straight up.

14. Refit Spaceball ensuring that the rear locking tab is engaged.

15. Refit Top Cover, fit forward edges into console, then push rear of cover down to lock in place.



16. Install pin. Insert the pin into the hole using a pair of channel locks. This requires effort as the pin is the same ID as the hole. It is designed this way so that it will not come out on it's own. See the two following pics:



18. Reinstall the knob onto your new short shifter.



Now there's only one thing left to do... take your car out and enjoy your new Snabb short shifter!