

Step By Step: Turn Signal Lever Replacement

One of the most fragile T34 parts is the turn signal lever on the steering column. Thin & elegant also makes it easy to break. Repairing the signal lever arm (made of pot metal) is not easy and attempts to wrap it or glue it are unsatisfactory. But once you've located a replacement lever you'll need to install it.

Disassembly: First begin by removing the horn button & horn ring. Use a 19mm socket to remove the steering nut & washer, then pull the steering wheel off. Remove the small C-clip that's on the shaft with pliers. Behind it is a large copper collar and large spring that slides off the shaft. Next remove the large thin C-clip that holds the turn signal lever to the column.

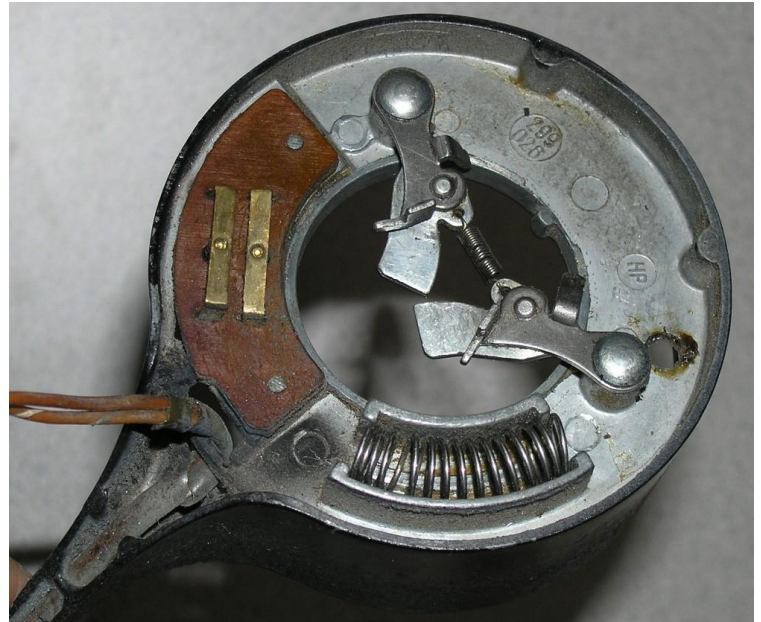
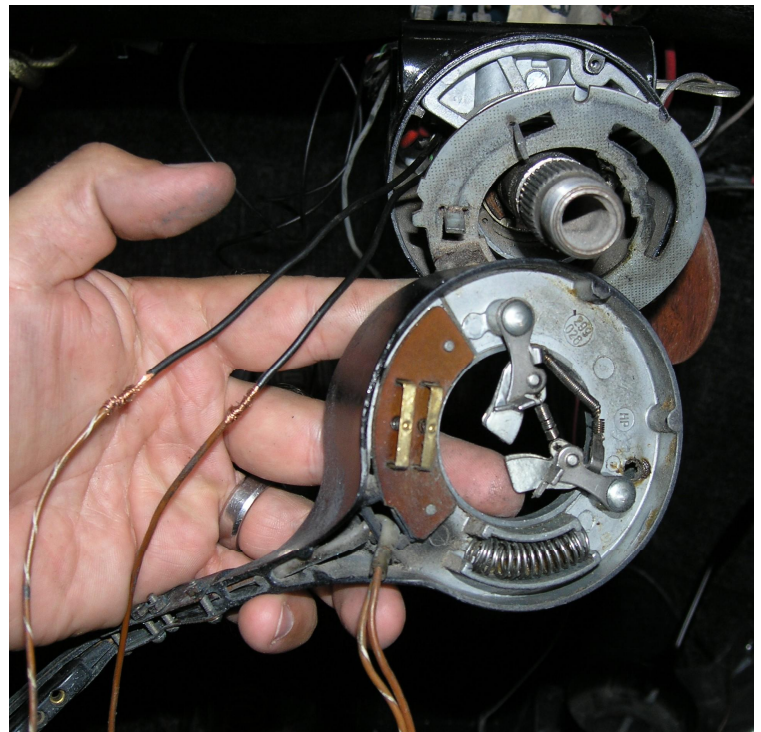
Pull the turn signal lever off the shaft, allowing it to dangle by its two wires. Underneath you'll see an aluminum collar held in place with two screws, remove the screws. Next remove the two large allen-head screws under the column so you'll be able to see the electrical connection unit (below). Finally remove the two screws holding down the electrical connector unit.



Before removing the turn signal lever from the steering column, you'll want to attach wires to the brown wires for easier reassembly. The two thin brown wires (one solid brown & one brown/white striped) go thru the steering column up to the turn signal lever arm (brights switch). Cut off both ends of the brown wires and attach two long 12" wires (below). Pull the brown wires up thru the steering column until you see the other wires come thru. Disconnect the wires and remove the turn signal lever unit (above right).



Cleaning: there is a contact plate on the aluminum collar which will need to be cleaned for optimal electrical contact. And the two contact spring-loaded bars on the backside of the new turn signal lever (right center) will also need to be cleaned. Finally add some grease to the spring on the backside for smoother operation.



Reassembly: Connect the new lever brown wires to the temporary wires and pull them thru the column towards the electrical connection unit. When the new wires are completely thru then remove the temporary wires. Replace the two screws to tighten down the electrical connection unit.

Reconnect the allen screws (much easier if the speedo has been removed so you can see & hold the top metal part). Install the two tiny screws on the aluminum collar. Install the other parts and be sure to straighten the wheels before centering the steering wheel. Then install the horn ring & horn button. Lastly test the auto-return function.

