

Shift Lock Installation Instructions

Part number 113-016-951/C



1. Remove floor mat from vehicle. If installing onto a 1959 and earlier Beetle, remove the center tunnel cover.
2. Engage gearshift lever into the neutral position. Remove the gearshift lever knob, and rubber gearshfft lever boot.
3. Remove the gearshift lever housing. The gearshift lever housing is fastened to your vehicle with two 8mm bolts (14mm or 13mm hex head). This housing will not be used

In conjunction with your new shift lock assembly. After removing the two bolts, lift the housing free from the gearshift lever. Please note the orientation of the gearshift lever plate (see photo). The gearshift lever plate must maintain the same orientation upon installation of the new shift lock. Next, remove the gearshift lever and spring assembly from the vehicle.



For 1972 and later Beetles, your original stop plate will not function with this unit. Please use the stop plate included with your new shift lock. As described previously, note the orientation of your original stop plate. Replace the old stop plate with the new stop plate while maintaining the same orientation as your original.

4. Now it's time to prepare your new shiftlock for installation. Using your thumb, slide the lock cylinder cover to the right and insert key. Rotate the lock cylinder 90-degrees clockwise.
5. Remove the securing screw located at the rear of the shift lock (Phillips head). Position the shift lock assembly firmly onto a flat surface, and using your hand slide the upper half forward. You will need to tilt the back of the top section up as you do this to clear the bottom half (see photo).



This will disengage the upper half from the lower half. Please note the inside structure of the shift lock assembly. Please refer to the illustration for identification.

6. Next, the floor mat will need to be trimmed to allow for the shift lock assembly to properly mount onto your vehicle. For 1955 and earlier Beetle models, the opening present in the tunnel cover for the gearshift lever housing should stretch around the unit without incident. In some cases, the inner lip of this opening may require slight enlargement. Gentle trimming of the inner lip may be necessary. For 1956 and later Beetle models, use the base of the shift lock as a template. Cut to shape using a sharp utility knife. For Bus models, use the supplied adapter plate (ovular shaped aluminum plate) as a template. Trace the shape of the plate onto your mat, and cut using a sharp utility knife.

7. Remove swing plates, locking lever, lock cam, and bridge plate from lower half (please refer to the diagram for part reference on back page). Lubricate the ball recess at the lower part of the shift lock with grease. Position the shift lever, spring and stop plate onto your vehicle.

For Bus models, place the adapter plate on top of the stop plate with the large flat surface of the adapter plate facing downward (see photo). Slide the lower half of the shift lock assembly through the shift lever. Adapter plate used with Bus installation Housing centered in elongated slot

8. Fasten the lower half of the shift lock assembly onto the floor. For Bus models, please use the supplied bolts. Lightly snug the bolts and move the lower half so both bolt hex heads are positioned in the center of the elongated slot (see illustration). There may be a slight adjustment necessary in order to obtain all shifting gears. Centering the hex head portion of the bolt in the respective journals will provide a starting point reference. Fully snug the bolts (do not over tighten!) and check to ensure that all gears engage properly.

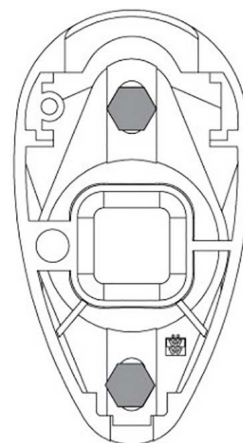
If not, loosen the bolts slightly and slide the shift lock base slightly forward or rearward. It is not uncommon to perform the adjustment scenario several times. Do so until all shifting gears are present.

9. With adjustment complete, it's now time to reassemble the unit. Please refer to the diagram for part reference and photo to the right. Insert the bridge plate into position. Place the lock cam into the bridge plate. Insert locking lever through the locating pin. Slide the swing plates through the gearshift lever and position onto locating pin piece. Insert the key into lock cylinder and rotate lock cylinder 90-degrees clockwise (same as in step 4)

Slide the upper half through the shift lever and align the chuck portion of the lock cylinder with the groove in the lock cam. With a gentle motion and holding the top half in the same position as when you disassembled the lock, slide the upper half rearward. If gentle pushing does not create a sliding motion, check the alignment of the lock cam with the chuck portion of the lock cylinder. Install the securing screw using a Phillips screwdriver. In most cases, the original shift boot can be used. Use an awl to pull the base of the shift boot around the lip of the shift lock. Install the gearshift lever knob, and test the unit again to ensure proper operation.



Adapter plate used with bus installation



Housing centered in elongated slot



Shift Lock Part Diagram

- 1. Upper housing
- 2. Lower housing
- 3. Bridge plate
- 4. Lock cam
- 5. Lock lever
- 6. Swing plates
- 7. Swing plate spring
- 8. Securing screw

