

# 901 Gate Shift kit Installation Notes

## Items needed:

- Gate Shift kit
- 915 shift housing (1973-1986)
- Short Shift kit (factory or aftermarket type), optional
- (3) M8 x 20 mm bolt and washers
- (2) M6 x 15 mm bolt and washers

## General Installation

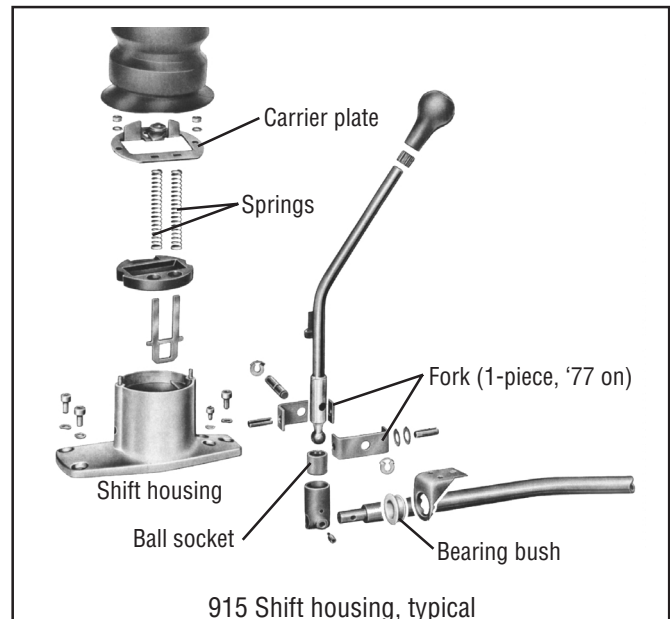
1. Disassemble the shift housing as follows.
  - a. Remove the nuts on the carrier plate, then remove the carrier plate.

### CAUTION:

**There are two springs under the carrier plate under tension. Clamp the carrier plate to prevent these springs from suddenly releasing as the nuts are removed. The unrestrained springs can cause personal injury.**

- b. Clean and inspect the shift housing parts for wear. Replace worn parts.

Note: Closely inspect the ball socket and bearing bush for wear. Replace if worn.



2. Drill and remove the rivet attaching the reverse lockout lever on the carrier plate.

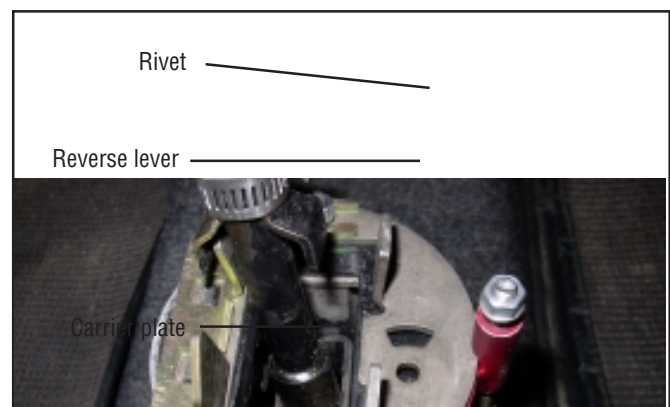
Note: Drill from the bottom of the carrier plate as shown.

3. Remove and discard the reverse lever and spring.
4. Lubricate and reassemble the shift housing parts.

Note: Install short shift components (if available) at this time.

5. Install the shift housing using the M8 and M6 bolts and washers.
6. Proceed to Gate Shift Installation Instructions.

Note: Gate Shift kit installation begins with an assembled unit on the car.



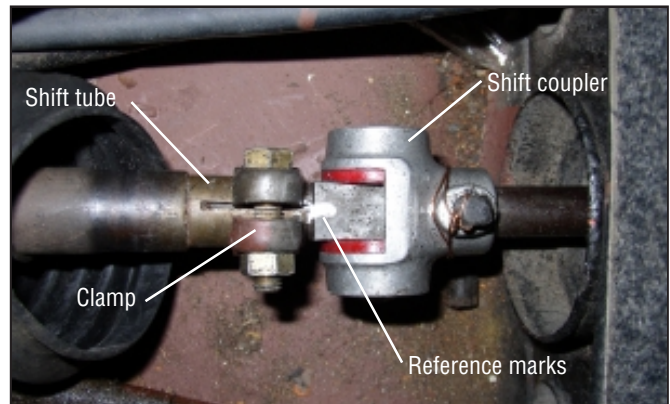
**Insert these 901-specific steps in the 915 Gate Shift kit Installation Manual**

**Insert this after Step 4:**

- a. Remove the plate (rear tunnel floor) to access the shift coupler.
- b. Place reference marks on the shift coupler and shift tube as shown.
- c. Verify the gearbox shifts easily into each gear.

**CAUTION:**

**The shift housing is not spring-loaded at this point. Avoid shifting from 1st gear into reverse if the car is moving.**



**Insert this after step 7:**

- a. Loosen the shift tube clamp and carefully adjust the “length” of the shift tube so the shift lever rests between the two Gate Shift carrier plate “tabs” while in Neutral as shown.

Note: Shorten or lengthen the shift tube as necessary relative to the reference mark. Moving the shift tube left or right may disturb the shift alignment.

- b. Tighten the shift tube clamp.
- c. Verify the gearbox shifts correctly into each gear.
- d. Proceed with step 8 in the Gate Shift Installation Manual.

