

# EMPI Billet Plus Shifter Installation

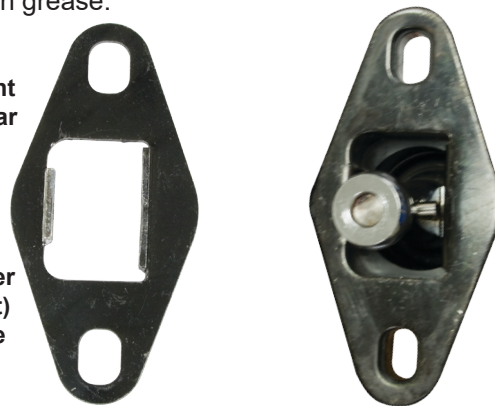
Part # B560500, B560400, B561800, B561900, B560600 & B561600

1. Set the Parking Brake and/or chalk the wheels.
2. Place your current shifter in the Neutral Position.
3. Remove your current shifter, gate/plate and bolts.
4. Inspect the Shift Rod Bushing for wear and/or breakage and replace if worn. Shifter performance will be less than optimal if this bushing is worn, broken and/or not lubricated. Shift Rod Bushings, Shift Guide Plates and other components are available – check your EMPI Catalog.
5. This is also a good time to inspect, lubricate and/or replace the Shift Coupler at the Transmission.
6. Clean the area of the pan where the Shifter is to be mounted. It must be clean, flat and free from debris. Carpet must be removed from shifter base area.
7. Lubricate the Ball of the Shifter and the Shift Rod Socket with grease.
8. Install the Lock-Out Plate into the Shifter Base as shown.
  - a. You must use the EMPI H.D. Reverse Lock-Out Plate that is packaged with your new Shifter.
  - b. The Lock-Out Plate fits into the machined Shifter Base and must be in the register and flat when installed.
9. Install the Shifter with Lock-Out Plate using the socket head cap screws and lock washers provided, mounting it in the center.
10. Snug the screws down so that it is tight enough to hold the shifter in place. It must be tight enough so that it is difficult to move the Shifter Base but loose enough to be able to tap the shifter forward, backward and side-to-side.
11. Test to see if you are able to engage all 4 gears and reverse.
  - a. If you are not engaging 1st & 2nd gears, the Shifter must be moved to the Right (Passenger Side\*)
  - b. If the shifter will engage Reverse without pushing the Button, the Shifter must be moved to the Left (Driver Side\*)
  - c. If it will not engage Reverse move it Left as far as it will go and/or a little to the Rear.
12. Once the Shifter engages all 4 gears and reverse, tighten the Screws to secure the Shifter in place.



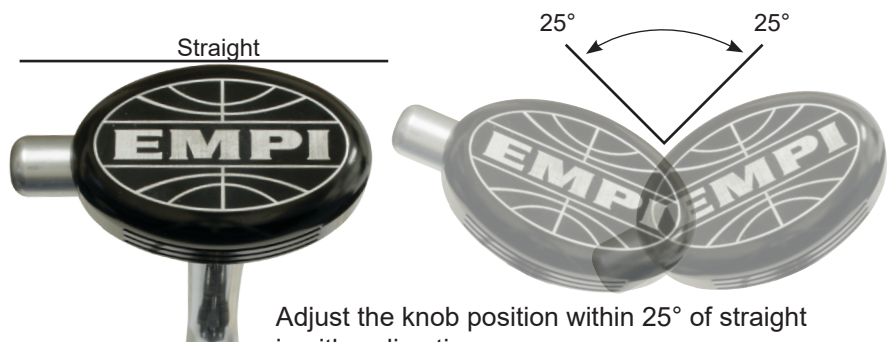
\* Front of car

Driver (Left) Side



\* Right-Hand Drive Models – Passenger and Driver Sides are reversed.

## Knob Adjustment



Use a 3mm Allen Wrench to loosen the set screws.

Adjust the knob position within 25° of straight in either direction.