

Installation Instructions

Short Throw Shifter

1997-2001 Chevrolet Corvette

Part Number 45057

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Congratulations! You have just purchased the finest short throw shifter available for the 1997-2001 Chevrolet Corvette. The shifter uses the stock Corvette knob, or any replacement knob with a 9/16-18 thread. Anyone with moderate mechanical ability and a few hand tools can install this **B&M Short Throw Shifter**. Typical installation time is less than one hour.

Section I:

Removing the Accessory Trim Plate

STEP 1. Apply the parking brake and shift into fourth gear. Remove the ash-tray.

STEP 2. Remove the shift knob by carefully prying up the shift pattern indicator and then, using needle nose pliers, pull up on the metal tab underneath. Note: the metal tab or "T" is very snug.

STEP 3. Lift the center console and insert a small blade screwdriver into the slot just below the rear of the Ride Control or Traction Control switch. Carefully pry up the switch and the disconnect the electrical connector.

STEP 4. Remove the retaining nuts holding trim plate and the front of the

console to the tunnel (See Figure One).

STEP 5. Using a small flat blade screwdriver, pry the covers off of the rear console retaining nuts. Next remove the nuts and lift and pull the rear of the console just enough to clear the studs (See Figure One).

STEP 6. With a small flat blade screwdriver, gently pry off the temperature sensor panel located next to the ignition switch. Remove the torx® screws behind this plate and then very carefully pull the trim plate rearward (See Figure One). Disconnect the electrical connector from the lighter and remove the trim plate.

Section II:

Removal Of Stock Shifter

STEP 7. Using a 10 mm socket, remove the four retaining nuts that hold down the rubber shift boot (See Figure Two). Remove the boot.

STEP 8. Using a 3/8" socket, remove the four bolts holding down the shifter (See Figure Three). Remove the shifter assembly from the shifter housing.

STEP 9. Carefully pry the black shifter bushing off of the ball on the end of the shifter.

Section III:

Installing the B&M Short Throw Shifter

STEP 10. Install the black shifter bushing onto the lower ball of the **B&M Short Throw Shifter**.

STEP 11. Remove the rubber gasket (if it is still attached) from the shifter housing.

STEP 12. Place the supplied gasket on the shifter housing and carefully lower the **B&M Short Throw Shifter** on to the housing, making sure to properly align the shifter ball into the socket (Note: the **B&M Short Throw Shifter** is *not* symmetrical and must be installed with the cut out in the top of the stick facing rearward). Install the four supplied hold down bolts & washers and torque to 8-10 ft-lbs.

STEP 13. Slip the supplied rubber boot and retaining ring over the **B&M Short Throw Shifter**. Slip the retaining ring around the bottom of the boot to help secure it.

STEP 15. Reinstall the factory rubber shifter boot over the **B&M Short Throw Shifter**. Reinstall and tighten the four hold down bolts to 15 ft-lbs.

Section IV:

Reinstall Trim Plate

STEP 16. Locate the trim plate back over the **B&M Short Throw Shifter**. Reconnect the electrical connector from the lighter and then gently reinsert the trim plate on to the instrument panel. Replace the screws and the instrument panel accessory plate located next to the ignition switch.

STEP 17. Gently guide the rear of the console over the studs and reinstall the nuts and their covers.

STEP 18. Replace the retaining nuts holding the trim plate and the front of the console to the tunnel.

STEP 19. Reconnect the electrical connector on the Ride Control or Traction Control switch. Carefully push the switch back into the console. Reinstall the shift knob, being careful to properly line up the slot in the shifter with the window in the knob. Fully seat the metal "T" back into the knob and reinstall the shift pattern indicator. Replace the ashtray.

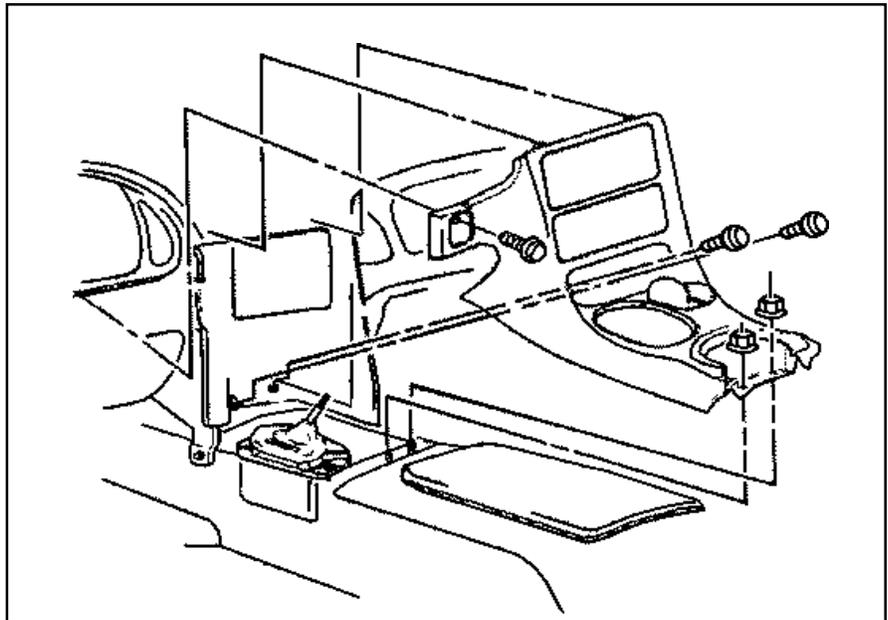


Figure One

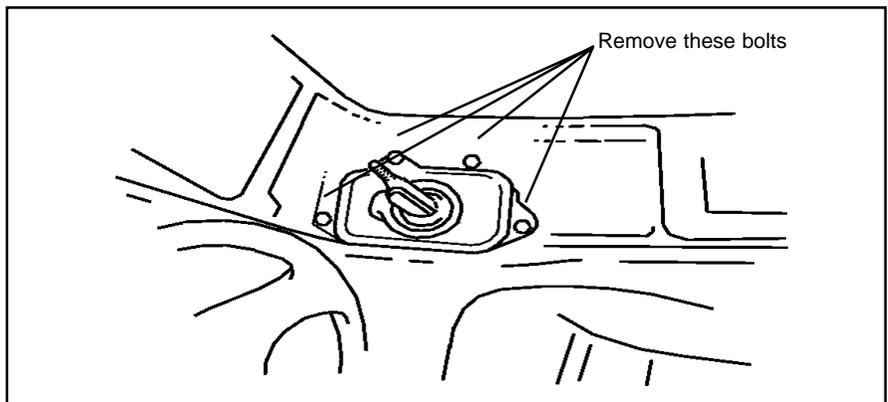


Figure Two

Parts List

- 1 B&M Short Throw Shifter
- 1 Rubber Boot
- 1 Metal Retaining Ring
- 1 Base Gasket
- 4 1/4-20 x 3/4" Bolts
- 4 1/4" Washers
- 1 Instruction Sheet

Tool List

- Needle Nose Pliers
- #2 Phillips Screwdriver
- T15 Torx® Bit Driver
- Small Flat Blade Screwdriver
- 3/8" Drive Ratchet & Extension
- 3/8" & 10 mm Socket
- 3/8" Drive Torque Wrench

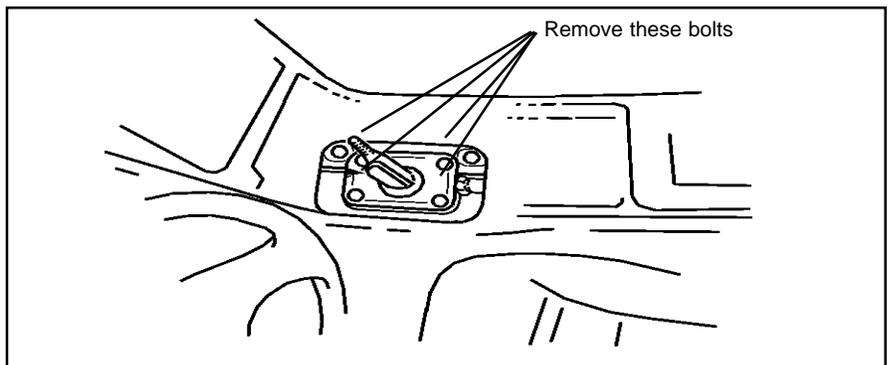


Figure Three