



INSTALLATION INSTRUCTIONS

Part Number:
212.50.6001
Instruction Sheet Number:
912.50.9901

Short Throw Shifter C5 Corvette

Application:
1997-2004 Corvette -
with manual transmission, all



TOOLS REQUIRED

- 3/8" Drive Ratchet and Medium Extension
- 10mm Socket
- 7/16" Socket
- 3/4" Open End Wrench
- Needle Nose Pliers
- T15 Torx Bit Driver
- 1/4" Hex Key or Torx Bit Driver
- Small Flat Bladed Screw Driver
- #2 Phillips Head Screw Driver
- Blue RTV Silicone Gasket Maker



SHIFTER REMOVAL

Be sure your engine is OFF and the parking brake is set. Also be sure your car is on a level surface before any installation work is started.

Place transmission into 4th gear.

To remove the factory knob, carefully pry up the shifter indicator. Once done, it will expose a metal pressure pin. To remove this pin, use either needle-nose pliers or vice grips. At the same time, pry up with a flat bladed screwdriver.

Once the metal pressure in has been removed, you can unscrew the leather shifter knob.

Lift the center storage bin and locate the two plastic tabs located at the rear of the bin. Remove the two tabs and you will see two 10mm nuts.

Remove the trim piece with the traction control button by gently prying it up.

Disconnect the traction control harness and variable suspension selector harness (if equipped).

Disconnect the accessory plug wiring harness.

Remove the two 10mm nuts.

Gently pry up the interior temperature sensor trim plate left of the ignition and remove the T15 torx screw.

Lift the ashtray cover and remove the ashtray. Remove the two T15 torx screws.

2 SHIFTER REMOVAL (cont'd.)

NOTE: Convertibles Only –

Waterfall Removal:

Remove the three T15 torx screws. Lift waterfall straight.

Slide the center storage bin towards the back of the vehicle.

Pop off the center console trip plate, disconnecting the cigarette lighter harness

Now your shifter and shifter boot will be exposed.

To remove the stock shifter, remove the four 10mm bolts on the rubber shifter boot and lift off.

Remove the four 10mm bolts at the base of the shifter and lift the shifter off.

Using a single edge razor blade, carefully remove any of the old gasket from the linkage mounting base.

Pop off the black plastic insulator on the bottom of the stock shifter and install it on the bottom of the new shifter.

3 SHIFTER INSTALLATION

Carefully install the new shifter using the four new bolts included with the kit. Before doing so, spread a thin bead of Blue RTV Silicone where the shifter mounts on the factory shifter house.

Hand-tighten all four new mounting bolts first to prevent stripping. Once they are hand tightened, torque the bolts to approximately 15-20 ft. lbs. Tighten the bolts in a cross pattern.

3 SHIFTER INSTALLATION (cont'd.)

NOTE: In some cases, some of the factory holes in the mounting pod may not be tapped deep enough. We recommend you pre-test the depth of the mounting holes first to be sure they are tapped deep enough. If they are not tapped deep enough, use a washer with the supplied new bolts before you torque the bolts.

Using the two black bolts supplied, secure the stainless handle to the shifter unit. Install the handle so the slot is facing toward the back of the car. The handle has a notch on the one side to seat against the shifter unit. Be sure that side seats against the shifter base.

Set the shifter stops by placing car in 1st gear and adjusting the screw to leave a .010" gap between stop and shifter stalk. Repeat this procedure for 3rd gear.

Use the same procedure to adjust 2nd and 4th gears. Make sure all the gears can be engaged.

NOTE: Shift the new shifter SEVERAL times in each gear and reset the adjusting screws as required.

Re-install the factory shifter boot and tighten the bolts.

Re-install the console trim panel and center console.

Screw-in the shifter knob and replace the metal tab. If necessary you can gently tap the metal tab with a rubber mallet.

Drop in the shifter indicator.

Again, make some test shifts, carefully shift the shifter in each gear, making sure the shifter operates properly.