



**Application:** 1981-1982 Corvette, 1984-1993 Corvette



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**Part Includes**

- 1 - Shift Control Harness
- 1 - Set of Nylon Ties

## Switchable Shift Control Harness



**Tools Needed**



The Switchable Shift Control Harness is an in-line adaptor, which will give you the ability to control the lockup of your torque converter clutch for improved driveability.

**STEP 1.**

On the left hand (driver's) side of the transmission case, locate the factory transmission wiring harness and plug the switchable harness in-line with the factory harness.

**STEP 2.**

The connectors on the #603-705 shift control harness match the connectors on the existing harness. **NOTE** The terminals inside the connectors of both harness are free-standing, not molded in. You may have to "wiggle" the pins into place, enabling the male connector to "lock" together with the female connector.

**STEP 3.**

Separate harness at small connector (located near toggle switch). Move driver's seat to its farthest forward position and fold seat back forward. Carefully lift the carpet behind the seat, starting against the console to gain access to the floor pan. Carefully drill a hole near the rear, inboard seat bolt, using a 5/16" drill bit. **IMPORTANT:** Check location prior to drilling to insure you are clear of any lines or wiring harnesses.

**STEP 4.**

After drilling, make sure hole is free of burrs, which could damage the wires. Route harness through hole and connect two harness sections.

**STEP 5.**

Locate an area inside the console to place the toggle switch, then drill a 1/4" hole. Use care in your choice of hole location to ensure that you have enough harness length and you are not drilling into any wires.

**STEP 6.**

Carefully pull away rear of carpeted panel from the driver's side of the console, and place harness under the carpeted panel. We recommend placing silicone sealer around 5/16" floor hole. Replace carpet and console trim panel.

**STEP 7.**

Place toggle switch in 1/4" hole, and install hex nut and washer onto toggle switch.

**STEP 8.**

Recheck installation under car to ensure connections are tight, and to be certain that harness does not come into contact with exhaust. Use supplied wire ties to secure harness to the chassis.

**TESTING**



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## **Description** (cont.)

### **TESTING**

After installing, a simple way to test this product is to drive the Corvette at 55 mph on a level road. While keeping your right foot on the accelerator, gently depress the brake pedal with your left foot. If the switch is on the "on" position, you'll feel the torque converter clutch disengage. If the converter does not engage, place switch in its other position, and repeat this procedure. Make note of which position is the "on" position, as it will vary per installation. If you take a passenger, they can verify that at the same time, the tach increases 150-250 RPM's. When you take your foot off the brake, (with the switch in the "on" position) the torque converter clutch engages, and RPM's go back down.