



1968-82 CORVETTE

SHIFTER CONVERSION KIT

4-Speed Overdrives

SC2401 1968-71

SC2402 1972-76

SC2403 1977-82

6/8-Speed Automatics

SC2401-6 1968-71

SC2402-6 1972-76

SC2403-6 1977-82



* This kit converts the FACTORY AUTOMATIC SHIFTER to function properly with an overdrive transmission. Use only with a SHIFTWORKS® Shift Cable or factory GM cable # 3958079 (for 1968-76) or # 357746 (1977-82).

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SHIFTER CONVERSION

1. Ensure vehicle wheels are chocked and it is secure in a fashion that it will not roll during kit installation.
2. Disconnect and remove the shift linkage at the transmission and in the tunnel.
3. Remove the console to gain access to the shifter and then remove the shifter from the car.
4. The factory shift gate must be removed from the shifter & replaced with the SHIFTWORKS® detent. The factory spot welds can be removed by drilling. Scribe it to mark its relation to the base. (Fig. B)
5. The new SHIFTWORKS® detent has marks scribed on it to help locate it on the base. Compare it to yours before removing the original.
6. Bolt or weld the detent in place after making sure the shift lever engages (and does not bind) in all gears.

CABLE INSTALLATION

1. Fasten the cable to the shifter assembly, then feed cable through the hole in the floor while reinstalling the shifter. Once in place, fasten the shifter to the floor with the original hardware.
2. Attach shift lever to transmission, install the provided cable pin in the center of the long slot. Refer to the additional diagram sheet provided for correct pin and cable orientation.
3. Fasten the cable mounting bracket to the shift cable, then attach the cable eyelet to the pin installed in the transmission shift lever.
4. At this point, ensure both the shifter and transmission are in the OVERDRIVE gear position. Adjust the cable bulkhead or shift lever pin until the cable mounting bracket holes line up with the transmission mounting holes. Then fasten the cable mounting bracket to the transmission. (Fig. A)
5. Measure distance from rearward face of pan bracket to center of cable attachment pin. This dimension should be about 6 3/8". If not, loosen the trans lever pin and move pin accordingly. The end of the cable should slip on and off the transmission lever pin freely in all gear positions.
6. Test shifter engagement in all gear positions and further adjust if necessary. If using a Shiftworks cable, use the threaded bulkheads for fine adjustments and the trans lever pin for larger adjustments.

CONSOLE LENS INDICATOR

1968-71: Replace metal indicator from console with adhesive backed polycarbonate indicator.

1972-82: Remove factory lens from console and apply new SHIFTWORKS® adaptor to the lens. The white letters have special ink to allow the light to shine through.

