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Torque Converter Lockup Switch and LED

The PCM controls the solenoid on the torque converter. When it is time for the TC to lockup, the PCM communicates to the solenoid to lock up the torque converter. Here are examples of LED's that can be used without modification. These LED's already have the resistor installed to accept 12Volts.



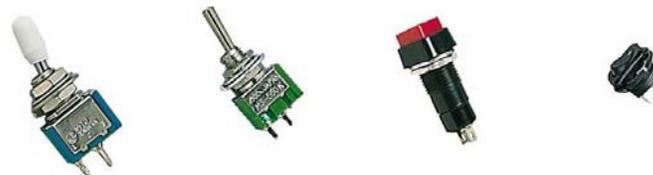
276-270

Radio Shack Part Numbers

276-271

Locate the 12 pin oval-shaped connector on the passenger side of the transmission. It is connector C1048 and runs over the transmission to the driver's side and up to the PCM. You are looking for the purple w/ yellow tracer (it might look like a blue with orange tracer. We have looked at SEVERAL trucks and they all look similar) wire coming out of pin 4 on the 12 pin connector. This is the wire that controls the lockup of the torque converter. Tap into this wire with a piece of 16-18 gauge wire and run into the cab through the firewall. Be sure to install a rubber grommet when routing wires through the firewall so the wire doesn't rub through.

Find a suitable switch to install in your cab. For the most part any switch can be used – here are some examples:



275-325

275-613

275-617

275-693

Radio Shack Part Numbers

The switch can be installed without the LED indicator and the LED can be installed without the switch. Run a ground wire to one side of the switch and connect the other side of the switch to the wire you ran into the cab from the transmission. When the switch is flipped it will ground the signal from the transmission and lock up the torque converter. Connect a 12Volt wire to the hot side of the LED and connect the ground side of the LED to the wire you ran inside the cab from the transmission.