



This kit is designed to be used with the enclosed signal generator that is installed into the speedometer cable. This unit controls torque converter lock & un-lock by vehicle speed. When the vehicle is traveling 42-47 MPH the TC-71 will send a signal to lock the torque converter. When the brake pedal is depressed or vehicle speed drops below 42-47 MPH the converter will un-lock.

Mount the blue box and the relay inside the car near the Panel if used. Plug together the six gang connector. Uncoil the wires and run the round five gang plug with the White and Black wires and the gray plug with the Green and Brown wires to the transmission. The round plug will plug into the transmission connector that is on the left side above the pan. The Black wire running from the plug must be grounded to the pan.

Install the signal generator in the speedometer cable at the transmission. Plug the white plug with the Brown and Green wires into the signal generator.

Connect the purple wire to #53 on the Advantage Panel, #1 on the CP-94/DM-16 panel or to the cold side of the brake switch (hot only when the brake pedal is depressed). The orange wire is connected to #27 on the Advantage Panel or a 12 volt keyed ignition source. The black wire must be grounded.

Double check that no wires are touching the exhaust pipes or will get burned or damaged.

This unit will not fix a defective converter. To be sure the unit is working, a L.E.D. test light can be installed in the White wire to ground. This will indicate when the converter is being signaled to lock-up.

The TC-71 unit is set to lock the converter at 42-47 MPH. It is best that this happen after the transmission shifts to 4th gear. If lock-up is above or below 42-47 MPH, connect an L.E.D. light as described above to the white wire. Remove the black rubber plug located in the blue box cover. Use a SMALL screw driver to adjust the pot just inside the cover. NOTE: It will not be necessary to move the adjustment screw very much to complete the adjustment procedure due to the sensitivity of the pot. If you have any questions on the adjustment procedure please call 610-485-1981.

Ron Francis Wiring is continually changing and improving products. These instructions are written in conjunction with wiring kits in production now. If you have an older Panel, you may find that references to certain numbers and colors between the kits may not agree. You will need to call us with the serial number on your wiring kit and inform us of your needs, we will give you conversion numbers to make things happen.