

# 700R4 Lock Up Wiring

All 700R4 transmissions are wired for torque converter lock up in 4<sup>th</sup> gear only and are checked on our dyno for proper operation prior to shipment.

There are two types of installations.

**Type I**- Installation in a vehicle that did not have a 700R4 in it from the factory and/or does not use factory wiring. Examples would be street rods or replacing a TH350 or TH400.

**Type II** – Installation in a vehicle that already has a 700R4 in it and still uses the factory wiring for lock-up.

## Type I

There is no need to remove the transmission pan. Connect the external wires from the white connector supplied to the appropriate source. If you desire a one wire toggle switch operated lock-up just splice together the 4<sup>th</sup> gear pressure switch wire and the 12 (negative) volt wires as indicated in the drawing. Then connect the 12 positive wire to a power source. The use of delay boxes or other devices may require a different procedure. Check the wiring instructions that come with the device. This simple wiring will provide for torque converter lock-up in fourth gear only.

## Type II

If you are installing the transmission in a vehicle that was originally equipped with a 700R4 and the computer is still functional the internal wiring must be changed from the original unit to the new unit. Failure to do this will result in no lock-up or shorted circuits. This is a simple procedure and is best done before the new transmission is installed. Simply remove both transmission pans and observe what wiring, solenoid and pressure switches need to be changed from your old unit. Make sure to switch **everything**. Do not re-use the switch that is connected to the blue wire in the new unit even though it may look the same as the original one. You can take a digital picture of the wiring to help you with this procedure. It is actually quite easy and should take only about 10 minutes. Again, failure to change this wiring in a factory replacement application will result in no lock-up, short circuits or check engine light.