



## 4R70W/75W 98+ Transmission Harness P/N 558-470

**Requires software version 4.0 build 32 or higher and ECU firmware 4.0 build 74 or higher.**

The transmission harness can be used on 4R70W and 4R75W transmissions from 1998 onward.

### **Connectors**

**Transmission ECU Connector (P4)** – Plugs into the ECU. Plugs into the last connector opposite the main harness.

**Main Transmission Connector** – Simply plugs into the connector on the transmission.

**Transmission Range Connector** – Plugs in at the manual lever on the transmission. The loose wires are for various car features and are listed later in the instructions.

**Vehicle Speed Sensor (VSS)/Transmission Output Speed Sensor (OSS)** – Two short jumper harnesses are included – select the correct one for your application based on the sensor's connector shape.

**Pressure Transducer (optional)** – The harness is supplied with a prewired pressure transducer connector. This can be used to monitor transmission line pressure if desired. The input will need to be configured for the sensor used in the I/O and then mapped to J4-B21. A Holley 0-500psi sensor (554-136) is recommended.

### **Loose Wires**

**Brake Switch (brown/white)** – Wired to the brake light switch. This must be installed to a +12v source (as most brake light switches are). This input is used to unlock the torque converter when the brakes are applied.

**OD Inhibit (tan) (optional)** – use this wire on a momentary switch to disable/enable overdrive. This must be installed to a +12v. This input will not force a downshift, it will only prevent an upshift from 3<sup>rd</sup> gear.

**OD Status (light blue) (optional)** – Hook this to the ground side of an LED to indicate if OD Inhibit is active.

\***Reverse Lights (violet)** – pass through circuit for reverse lamp activation.

\***Neutral Safety Switch (white)** – pass through circuit for starter solenoid.

\***4x4 Module (black/white) (optional)** – pass through circuit for 4x4 modules.

\***NOTE: Refer to factory manuals in order to wire these functions into factory vehicles equipped with these functions.**

