

1994-2004 Dodge Ram Diagnostic

ver.1.0

2nd or 3rd gear starts on Dodge Transmissions

First: Are codes present (NOTE:

If No:

- 1) Check governor pressure with a mechanical pressure gauge, there should be no pressure in the governor port when at a stop in drive.
 - A) If you DO HAVE governor pressure at a stop then replace the governor pressure solenoid
 - B) If you DO NOT have governor pressure at a stop replace the transducer

IF Yes: What code is present

Code: P1762 = Governor pressure sensor offset voltage low or high

- 1) Check for a resistor installed in one of the power or ground lines (Pin 31 Orange)(Pin 29 Green/White) very important to look at the wires and connector closely for any tampering, extremely easy to over look. This resistor can be in placed anywhere in the 5 volt supply or return line.
 - 2) Open circuit to or from governor pressure transducer
 - 3) Bad governor pressure transducer
 - 4) Bad governor pressure solenoid
- NOTE: Recommend replacing transducer and solenoid if going into pan

Code: P1763 = Governor pressure sensor voltage to high

- 1) Install (VBA) Valve Body Assistant into correct wire

Code: P1764 = Governor pressure sensor voltage to low

- 1) Replace Transducer

Code: P1765 = Trans 12-volt supply relay control circuit

- 1) Check for transmission relay in engine control fuse block, be sure the relay is installed and not jumped with a jumper wire. This is a common (hot wire fix) with many after market manufactures.