

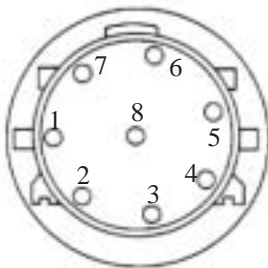


Technical Bulletin #497

Transmission: 42RE, 46RE, 47RE
Subject: Electrical specifications
Application: Dodge, Jeep
Issue Date: December, 1998

42RE, 46RE, 47RE

Electrical Specifications



Solenoid Pack Connector
(Transmission side)

Cav	Color	Function
1	BL	Transmission Relay Output
2	RD	5-Volt Supply
3	GR	Sensor Ground
4	WT	Governor Pressure Sensor Signal
5	VT	Governor Pressure Solenoid Control
6	OR	3-4 shift solenoid control
7	BR	TCC Solenoid Control
8	BK	Transmission Fluid Temperature Signal

Temperature		Resistance (Ohms)	
C	F	MIN	MAX
-40	-40	291,490	381,710
-20	-4	85,850	108,390
-10	14	49,250	31,430
0	32	29,330	35,990
10	50	17,990	21,810
20	68	11,370	13,610
25	77	9,120	10,880
30	86	7,370	8,750
40	104	1,900	5,750
50	122	3,330	3,880
60	140	2,310	2,670
70	158	1,630	1,870
80	176	1,170	1,340
90	194	860	970
700	212	640	720
110	230	480	540
120	248	370	410

Solenoid Resistance Specifications

Component	Resistance
3-4 Solenoid	31-34 ohms
Lockup Solenoid	31-34 ohms
Governor Solenoid	3.8-4.0 ohms

Resistance of the temperature changes with temperature. Refer to the chart for proper resistance values.

Electrical Component Part Numbers

Component	Chrysler P/N
Solenoid Pack (3-4 and Lockup)	4617463*
Governor Solenoid	4617210
Pressure Transducer (Early, 3-pin)	56027562
Pressure Transducer (Late, 4-pin)	56027720*

* The four-pin pressure transducer must be used in conjunction with the new solenoid pack. Both parts are needed when replacing either part, on a unit that originally used the three-pin transducer.

Governor Voltage Signal

Pressure PSI	Voltage
5	0.81
10	1.00
15	1.20
20	1.40
25	1.60
30	1.80
35	2.00
40	2.20
45	2.40
50	2.60
55	2.80
60	3.00