

Dedicated Harness Set:

**07X218**

<b>SOLENOID TEST: (Engine off)</b>				
Solenoid	TranX Setting	Output Channel	AMPS Cold-Hot	Resistance Cold-Hot
Solenoid A (1-2/3-4)	Gear 1	1	0.6 - 0.3	20 - 40 Ω
Solenoid B (2-3)	Gear 2	2	0.6 - 0.3	20 - 40 Ω
L.U. Feel	Gear 6	6	0.0 - 1.4	13 -15 Ω
EPC (pulsed)	Gear 8	8	0 - (0.9 - 1.8) Duty MIN - MAX	3.5 - 4.6 Ω

**CAUTION:**

Always come to a COMPLETE STOP & TURN ENGINE OFF before changing test modes.

<b>SHIFT/MONTIOR TEST</b>				
GEAR	Solenoid A	Solenoid B	Lock-Up Feel (pulsed) (Function 3)	EPC (pulsed)
1st	ON	ON	OFF*	Select Duty
2nd	OFF	ON	ON/OFF*	Select Duty
3rd	OFF	OFF	ON/OFF*	Select Duty
4th	ON	OFF	ON/OFF*	Select Duty

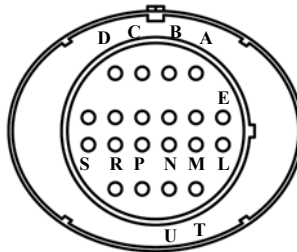
**Notes:**

- ◆ **EPC Solenoid** current read on **output channel 8** for solenoid test, shift test and for monitor mode.
- ◆ **EPC Solenoid** duty cycle displayed in monitor mode is actual duty cycle from ECM.
- ◆ **Lock Up** is normally activated in 2nd, 3rd and 4th Gears.
- ◆ See other side for **connector diagram**.
- ◆ Polarity = Common **Positive**

<b>Pressure Switch Settings</b>			
<b>Gear</b>	<b>Range A (Sensor 1)</b>	<b>Range B (Sensor 2)</b>	<b>Range C (Sensor 3)</b>
<b>Park</b>	Red	<b>GREEN</b>	Red
<b>Reverse</b>	<b>GREEN</b>	<b>GREEN</b>	Red
<b>Neutral</b>	Red	<b>GREEN</b>	Red
<b>Drive (1 to 4)</b>	Red	<b>GREEN</b>	<b>GREEN</b>
<b>Manual 3</b>	Red	Red	<b>GREEN</b>
<b>Manual 2</b>	Red	Red	Red
<b>Manual 1</b>	<b>GREEN</b>	Red	Red
<b>Illegal</b>	<b>GREEN</b>	Red	Red

<b>TOT Sensor Testing</b>	
Connect Multimeter to Sensor Module Test Points 5 & 6	
<b>Resistance</b>	<b>Temperature</b>
2981 - 4018 Ω	68° F
1915 - 2550 Ω	86° F
1260 - 1660 Ω	104° F
848.8 - 1105 Ω	122° F
584.1 - 753.4 Ω	140° F
410.3 - 524.2 Ω	158° F
293.7 - 371.7 Ω	176° F
213.9 - 268.2 Ω	194° F
158.1 - 196.8 Ω	212° F

**CONNECTOR:**  
(Looking into harness connector)



<b>Wiring Chart</b>				
<b>Case Connector Pin Number</b>	<b>TranX 2000 Harness Wire</b>	<b>Vehicle Function</b>	<b>TranX 2000 Output Location</b>	<b>TranX 2000 25 Way Pin</b>
<b>A</b>	<b>Blue</b>	Solenoid A	<b>Channel 1</b>	7
<b>B</b>	<b>Green</b>	Solenoid B	<b>Channel 2</b>	8
<b>C</b>	<b>Yellow</b>	EPC Power	<b>Channel 7</b>	1
<b>D</b>	<b>Gray</b>	EPC Ground	<b>Channel 8</b>	2
<b>E</b>	<b>Red, or Red/Brown</b>	Power to Solenoids		12 or 13
<b>L</b>	<b>Red/Blue Stripe</b>	TOT Sensor	<b>Sensor 5 Test Point</b>	19
<b>M</b>	<b>White/Red Stripe</b>	TOT Sensor	<b>Sensor 6 Test Point</b>	20
<b>N</b>	<b>Orange</b>	Pressure Switch (A)	<b>Sensor LED 1</b>	15
<b>P</b>	<b>Light Green</b>	Pressure Switch (C)	<b>Sensor LED 3</b>	17
<b>R</b>	<b>White</b>	Pressure Switch (B)	<b>Sensor LED 2</b>	16
<b>S</b>	<b>Pink</b>	3-2 Control Solenoid	<b>Channel 3</b>	5
<b>T</b>	<b>Purple</b>	Lockup Solenoid	<b>Channel 6</b>	4
<b>U</b>	<b>Brown</b>	TCC Release	<b>Sensor 4 Test Point</b>	18
<b>V</b>	<b>White/Green</b>	Speed Sensor	<b>Sensor 8 Test Point</b>	22