

Dedicated Harness Sets: **07X218** (4T65E adapter)

SOLENOID TEST: (Engine off)				
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
Lock-Up (pulsed)	Gear 5	5	0 - (0.6 - 1.2) Duty MIN - MAX	11 - 17 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

SHIFT/MONITOR TEST				
GEAR	Solenoid A	Solenoid B	Lock-Up (pulsed)	EPC (pulsed)
1st	ON	OFF	OFF	Select Duty
2nd	OFF	OFF	ON/OFF	Select Duty
3rd	OFF	ON	ON/OFF	Select Duty
4th	ON	ON	ON/OFF	Select Duty

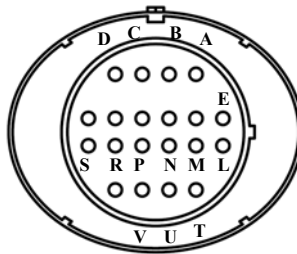
Notes:

- ◆ **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**

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

TOT Sensor Testing	
Connect Multimeter to Sensor Module Test Points 5 & 6	
Resistance	Temperature
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)



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