

Dedicated Harness Set:

07X222

SOLENOID TEST: (Engine off)			
Solenoid	TranX Setting	Output Channel	Resistance Cold-Hot
Shift Solenoid 1	Gear 1	1	11 – 16 Ω
Shift Solenoid 2	Gear 2	2	11 – 16 Ω
Shift Solenoid 3	Gear 3	3	11 – 16 Ω
Shift Solenoid 4	Gear 4	4	11 – 16 Ω
Lockup Solenoid	Gear 5	5	5.0 – 5.6 Ω
Shift Solenoid 5	Gear 6	6	11 – 16 Ω
EPC Solenoid	Gear 7	7	5.0 – 5.6 Ω
Shift EPC Solenoid	Gear 8	8	5.0 – 5.6 Ω

CAUTION:

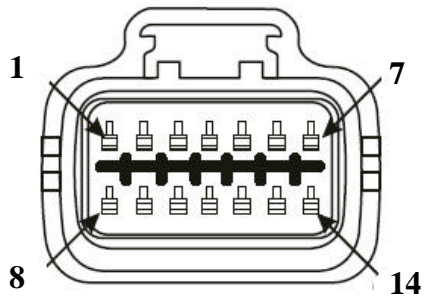
Always come to a COMPLETE STOP & TURN ENGINE OFF before changing test modes

SHIFT/MONTIOR TEST								
GEAR	Shift Sol 1	Shift Sol 2	Shift Sol 3	Shift Sol 4	Lockup Solenoid	Shift Sol 5 (Function 1)	EPC Solenoid	Shift EPC Solenoid
1st	ON	OFF	ON	OFF	OFF	ON/OFF	Select Duty	Select Duty
2nd	OFF	ON	ON	OFF	ON/OFF	OFF	Select Duty	Select Duty
3rd	OFF	ON	ON	ON	ON/OFF	OFF	Select Duty	Select Duty
4th	OFF	ON	OFF	ON	ON/OFF	OFF	Select Duty	Select Duty
5th	OFF	OFF	OFF	ON	ON/OFF	OFF	Select Duty	Select Duty

Notes:

- ◆ **Lock Up** is normally activated in 2nd, 3rd, 4th and 5th Gears.
- ◆ **Shift Solenoid 5** energized with **Function 1** button to inhibit Reverse.
- ◆ **EPC** and **Shift EPC** duty cycle controlled by **Pressure % Duty**.
- ◆ See other side for **connector diagram**.
- ◆ Polarity = Common **Negative**

CONNECTOR:
(Looking into harness connector)



TOT Sensor Testing

Connect Multimeter to Sensor
Module Test Points 5 & 6

Resistance	Temperature
6445 Ω	50° F
4181 Ω	68° F
2829 Ω	86° F
1955 Ω	104° F
1379 Ω	122° F
992 Ω	140° F
726 Ω	158° F
541 Ω	176° F
409 Ω	194° F
314 Ω	212° F

Wiring Chart

Case Connector Pin Number	TranX 2000 Harness Wire	Vehicle Function	TranX 2000 Output Location	TranX 2000 25 Way Pin
1	White/Red	TOT Sensor Ground	Sensor 6 Test Point	20
2	Black	Shift Press Solenoid Gnd		10
3	Black	Lockup Solenoid Gnd		10
4	Red/Black	EPC Solenoid Gnd		11
5		NC		
6	Red/Green	Shift Solenoid 4	Channel 4	6
7	Dark Green	Shift Solenoid 2	Channel 2	8
8	Red/Blue	TOT Sensor Signal	Sensor 5 Test Point	19
9	Grey	Shift Pressure Solenoid	Channel 8	2
10	Purple	TCC Solenoid	Channel 5	3
11	Yellow	EPC Solenoid	Channel 7	1
12	Brown	Shift Solenoid 5	Channel 6	4
13	Pink	Shift Solenoid 3	Channel 3	5
14	Blue	Shift Solenoid 1	Channel 1	7