

DEDICATED HARNESS SET:

10X201

SOLENOID TEST: (Engine off)				
Solenoid	TranX Setting	Output Channel	Current Cold-Hot	Resistance Cold-Hot
1-2/4-5 Shift Solenoid	Gear 1	1	0.9 - 0.5	2.5 - 6.5 Ω
2-3 Shift Solenoid	Gear 2	2	0.9 - 0.5	2.5 - 6.5 Ω
3-4 Shift Solenoid	Gear 3	3	0.9 - 0.5	2.5 - 6.5 Ω
Lockup Solenoid	Gear 5	5	2.0 - 0.5	2.0 - 4.0 Ω
Shift PC Solenoid	Gear 6	6	0.0 - 2.0 select duty	2.5 - 6.5 Ω
Modulated EPC	Gear 7	7	0.0 - 1.2 select duty	4.0 - 8.0 Ω

NOTES

- After starting vehicle user should shift to drive and then must **TURN ON** and then **TURN OFF Function 1** to put transmission into 1st gear state. Failure to do so will leave transmission in 2nd gear state.
- Transmission shifts sequentially and if the starting gear is not correct it will not sequence to the correct next gear.
- Shift Solenoids pulsed at 65% Duty. Solenoid test will read 1.5x actual resistance value.

CAUTION:

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

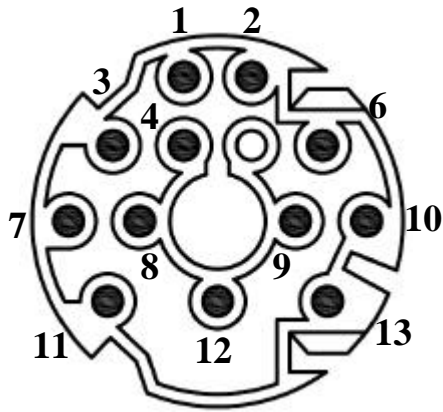
SHIFT/MONITOR TEST						
GEAR	1-2/4-5 Shift Solenoid	2-3 Shift Solenoid	3-4 Shift Solenoid	Lockup Solenoid	Shift PC Solenoid (pulsed)	EPC Solenoid
1st	OFF	OFF	OFF	OFF	Select Duty	Select Duty
1-2/2-1	ON	OFF	OFF	OFF	Low Duty	Select Duty
2nd	OFF	OFF	OFF	OFF	Select Duty	Select Duty
2-3/3-2	OFF	ON	OFF	OFF	Low Duty	Select Duty
3rd	OFF	OFF	OFF	ON/OFF	Select Duty	Select Duty
3-4/4-3	OFF	OFF	ON	ON/OFF	Low Duty	Select Duty
4th	OFF	OFF	OFF	ON/OFF	Select Duty	Select Duty
4-5/5-4	ON	OFF	OFF	ON/OFF	Low Duty	Select Duty
5th	OFF	OFF	OFF	ON/OFF	Select Duty	Select Duty

Notes:

- ♦ **Lock Up** is normally activated in 3rd, 4th and 5th Gears.
- ♦ TranX cannot monitor numerical gear states.
- ♦ Polarity = Common **Positive**

CONNECTOR:

(Looking into harness connector)



TOT Sensor Test
Connect Multimeter to Sensor Module Test Points 5 & Ground

Speed Sensor 1 Test
Connect Multimeter to Sensor Module Test Points 8 & Ground

Speed Sensor 2 Test
Connect Multimeter to Sensor Module Test Points 7 & Ground

Wiring Chart				
Case Connector Pin Number	TranX 2000 Harness Wire	Vehicle Function	TranX 2000 Output Location	TranX 2000 25 Way Pin
1	Red/Blue	TOT Sensor Signal	Sensor 5 Test Point	19
2	Yellow	Modulated EPC	Channel 7	1
3	White/Green	Speed Sensor 1	Sensor 8 Test Point	22
4	White/Purple	Speed Sensor 2	Sensor 7 Test Point	21
6	Red	+12V to Solenoids		12
7	Red/Brown	+12V to Solenoids		13
8	Dark Green	2-3 Shift Solenoid	Channel 2	8
9	Pink	3-4 Shift Solenoid	Channel 3	5
10	Brown	Shift PC Solenoid	Channel 6	4
11	Purple	Lockup Solenoid	Channel 5	3
12	Black	Ground		10
13	Blue	1-2/4-5 Shift Solenoid	Channel 1	7