

Dedicated Harness Sets: **13X206**

SOLENOID TEST: (Engine off)				
Solenoid	TranX Setting	Output Channel	AMPS Cold-Hot	Resistance Cold-Hot
Shift A Solenoid	Gear 1	1	1.0 - 0.5	9.0 - 24.0 Ω
Shift B Solenoid	Gear 2	2	1.0 - 0.5	9.0 - 24.0 Ω
Shift C Solenoid	Gear 3	3	1.0 - 0.5	9.0 - 24.0 Ω
Low/C Timing Solenoid	Gear 4	4	1.0 - 0.5	9.0 - 24.0 Ω
LU Duty Solenoid	Gear 5	5	0 - (1.0 - 0.5) Duty MIN - MAX	9.0 - 24.0 Ω
RDCN Solenoid	Gear 6	6	1.0 - 0.5	9.0 - 24.0 Ω
PL Duty Solenoid	Gear 7	7	0 - (1.3 - 0.9) Duty MIN - MAX	1.0 - 5.0 Ω
2-4B Duty Solenoid	Gear 8	8	0 - (1.3 - 0.9) Duty MIN - MAX	1.0 - 5.0 Ω
2-4B Timing Solenoid	Gear 9	9	1.0 - 0.5	9.0 - 24.0 Ω

CAUTION:

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

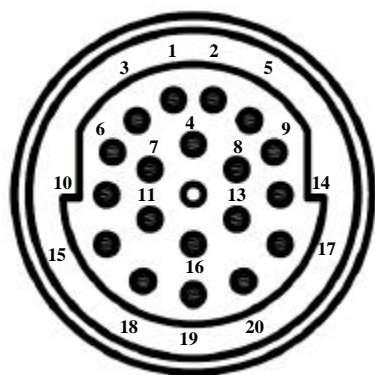
SHIFT TEST									
GEAR	Shift A Solenoid	Shift B Solenoid	Shift C Solenoid	Low/C Timing Solenoid	LU Duty Solenoid	RDCN Solenoid	PL Duty Solenoid	2-4B Duty Solenoid	2-4B Timing Solenoid
					(Lockup)	(Function 3)	(EPC)	(Function 1)	(Function 2)
First	ON	ON	ON	ON	OFF	ON	Select Duty	Select Duty	OFF
Second	ON	ON	OFF	ON	ON/OFF	OFF	Select Duty	Select Duty	OFF
Third	OFF	ON	OFF	ON	ON/OFF	OFF	Select Duty	Select Duty	OFF
Fourth	OFF	OFF	ON	ON	ON/OFF	OFF	Select Duty	Select Duty	OFF
Fifth	ON	OFF	ON	ON	ON/OFF	ON/OFF	Select Duty	Select Duty	ON/OFF

Notes:

- ◆ **Lock Up** is normally activated in 2nd, 3rd 4th and 5th Gears.
- ◆ See other side for **connector diagram and wiring chart**.
- ◆ Polarity = Common **Negative**

Transmission: **Jatco 5 Speed**

CONNECTOR:
(Looking into harness)



Input Speed Sensor Testing

Connect Multimeter to Sensor Module
Test Points 1 & 2

Resistance Temperature

400 - 600 Ω

Vehicle Speed Sensor Testing

Connect Multimeter to Sensor Module
Test Points 7 & 8

Resistance Temperature

400 - 600 Ω

Intermediate Speed Sensor Testing

Connect Multimeter to Sensor Module
Test Points 3 & 4

Resistance Temperature

400 - 600 Ω

TOT Sensor Testing

Connect Multimeter to Sensor Module
Test Points 5 & 6

Resistance Temperature

2.5K Ω

68° F

300 Ω

176° F

Wiring Chart

Case Connector Pin Number	TranX 2000 Harness Wire	Vehicle Function	TranX 2000 Output Location	TranX 2000 25 Way Pin
1	Orange	Input Speed Sensor	Sensor 1 Test Point	15
2	White	Input Speed Sensor	Sensor 2 Test Point	16
3	Green/White	Intermediate Spd Sensor	Sensor 3 Test Point	17
4	Yellow/Red	Intermediate Spd Sensor	Sensor 4 Test Point	18
5	White/Purple	Vehicle Speed Sensor	Sensor 7 Test Point	21
6	White/Green	Vehicle Speed Sensor	Sensor 8 Test Point	22
7	Red/Blue	TOT Sensor	Sensor 5 Test Point	19
8	White/Red	TOT Sensor	Sensor 6 Test Point	20
9	Blue	Shift A	Channel 1	7
10	Dark Green	Shift B	Channel 2	8
11	Pink	Shift C	Channel 3	5
12	Red/Green	Low/C Timing	Channel 4	6
13	White/Black	2-4B Timing	Channel 9	9
14	Brown	RDCN Timing	Channel 6	4
15	Yellow	PL Duty	Channel 7	1
16	Grey	2-4B Duty	Channel 8	2
17	Purple	LU Duty	Channel 5	3
18	Black	Ground		10