

Dedicated Harness Sets: **13X201**
13X202
13X204

SOLENOID TEST: (Engine off)				
Solenoid	TranX Setting	Output Channel	Current Cold-Hot	Resistance Cold-Hot
Shift Solenoid A	Gear 1	1	0.7 - 0.4	18 - 33 Ω
Shift Solenoid B	Gear 2	2	0.7 - 0.4	18 - 33 Ω
Lock-Up (pulsed)	Gear 5	5	1.0 - 0.4 (@ 20% duty)	2.3 - 5.5 Ω
Overrun Clutch	Gear 6	6	0.7 - 0.4	18 - 33 Ω
EPC Solenoid	Gear 7 select duty	7	2.5 - 1.0 (@50% duty)	2.3 - 5.5 Ω

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

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

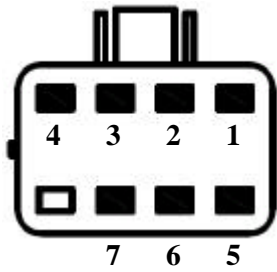
Notes:

- ◆ **Overrun Clutch** provides engine braking in lower gears when off.
- ◆ **Lock Up** is normally activated in 3rd and 4th Gears.
- ◆ See other side for **connector diagram**.
- ◆ Polarity = Common **Negative**

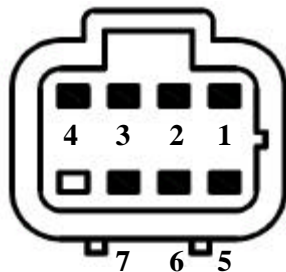
Transmission: **Nissan/Jatco RE4 (Pulsed Lock-Up)**

CONNECTORS:

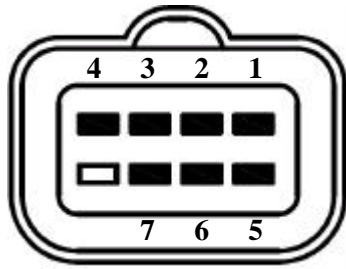
(Looking into harness connectors)



13X002



13X001



13X004

TOT Sensor	
Connect Multimeter to Sensor Module Test Points 5 & 6	
Resistance	Temperature
2.5 kΩ	68° F
Voltage	Temperature
1.56 V	68° F
0.45 V	176° F

COMMENTS :

The Temperature Sensor is a thermistor, which changes resistance in relation to the temperature of the transmission fluid. Resistance check should be made with ignition off and transmission disconnected from ECU. Voltage check should be made with ignition on and ECU connected to transmission.

Wiring Chart				
Case Connector Pin Number	TranX 2000 Harness Wire	Vehicle Function	TranX 2000 Output Location	TranX 2000 25 Way Pin
1	Green	Solenoid B	Channel 2	8
2	Blue	Solenoid A	Channel 1	7
3	Brown	Timing Solenoid	Channel 5	4
4	Yellow	EPC	Channel 7	1
5	Purple	Lockup Solenoid	Channel 6	3
6	Red/Blue Stripe	TOT Sensor	Sensor 5 Test Point	19
7	White/Red Stripe	TOT Sensor	Sensor 6 Test Point	20
8	OPEN	OPEN	N/A	N/A