

Dedicated Harness Set:

15X201

SOLENOID TEST: (Engine off)				
Solenoid	TranX Setting	Output Channel	Current Cold-Hot	Resistance Cold-Hot
Solenoid A (1-2/3-4)	Gear 1	1	0.9 - 0.5	14 - 22 Ω
Solenoid B (2-3)	Gear 2	2	0.9 - 0.5	14 - 22 Ω
Lock-Up (Use Code 072)	Gear 5	5	0.9 - 0.5	14 - 22 Ω
Band Apply	Gear 6	6	2.0 - 0.5 (@ 20% duty)	6 - 20 Ω
EPC (pulsed)	Gear 7	7	2.4 - 1.0 (@ 50% duty)	2 - 6 Ω

NOTE

- Function 1 is the **EPC RETURN** and must be on at all times when using test 076

Lock Up is Common Negative:

- When Lock Up switch is **ON**, Lock Up is **OFF**.
- To Solenoid Test Lock Up, Turn engine off and enter code 072

CAUTION:

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

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

Notes:

- Lock Up** is normally activated in 2nd, 3rd and 4th Gears. **Turn off Lock Up Switch to apply.**
- Band Apply smoothes shift to 2nd and 3rd gears. Without engaging prior to shift, shift will be harsh.
- See other side for **connector diagram**.
- Polarity = Common **Positive** - Shift Solenoids, Common **Negative** - Lock Up, EPC

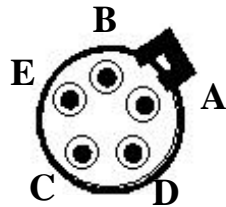
Transmission: **Isuzu 4L30E**

CONNECTORS:

(Looking into harness connectors)



Case Connector



Overdrive Connector

TOT Sensor	
Connect Multimeter to Sensor Module Test Points 5 & 6	
Resistance	Temperature
700 kΩ	0° F
25 kΩ	75° F
400 Ω	300° F

COMMENTS :

The Temperature Sensor is a thermistor, which changes resistance in relation to the temperature of the transmission fluid. As fluid temperature increases, thermistor resistance decreases.

Wiring Chart

Case Connector Pin Number	TranX 2000 Harness Wire	Vehicle Function	TranX 2000 Output Location	TranX 2000 25 Way Pin	
Case	Overdrive				
A		Green	2-3 Shift Solenoid	Channel 2	8
B		Brown	Band Apply Solenoid	Channel 6	4
C		Red	Power to Solenoids		12
D		Blue	1-2/3-4 Shift Sol.	Channel 1	7
	A	Purple	Lock Up Solenoid	Channel 5	3
	B	Yellow	Power to EPC	Channel 7	1
	C	Red/Blue Stripe	TOT Sensor	Sensor 5 Test Point	19
	D	White/Red Stripe	TOT Sensor	Sensor 6 Test Point	20
	E	Gray	EPC Return	Channel 8	2