

Dedicated Harness Sets: **04X205** (Late 1995 & UP)

SOLENOID TEST: (Engine off)				
Solenoid	TranX Setting	Output Channel	AMPS Cold-Hot	Resistance Cold-Hot
Shift Solenoid 1	Gear 1	1	0.6 - 0.4	21 - 30 Ω
Shift Solenoid 2	Gear 2	2	0.6 - 0.4	21 - 30 Ω
Lock Up Solenoid	Gear 5	5	0.0 - 0.7	10 - 20 Ω
Coast Clutch Solenoid	Gear 6	6	0.6 - 0.4	21 - 30 Ω
EPC Solenoid	Gear 7 select duty	7	0 - (0.9 - 1.5) Duty MIN - MAX	4.3 - 6.5 Ω

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

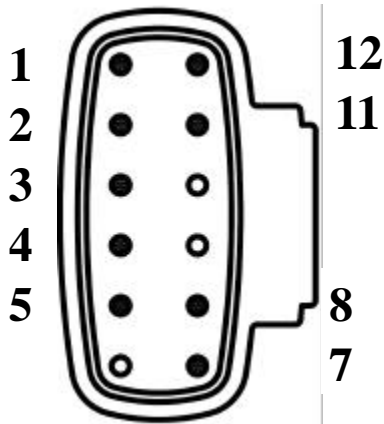
SHIFT/MONITOR TEST					
GEAR	Shift Solenoid 1	Shift Solenoid 2	Lock-Up Solenoid (pulsed)	Coast Clutch Solenoid (Function 3)	EPC (pulsed)
1st	ON	OFF	OFF	ON/OFF*	Select Duty
2nd	ON	ON	Select Duty	ON/OFF*	Select Duty
3rd	OFF	ON	Select Duty	ON/OFF*	Select Duty
4th	OFF	OFF	Select Duty	OFF	Select Duty

Notes:

- ◆ **Coast Clutch** provides engine braking. **Coast Clutch** is forced **OFF** in 4th Gear regardless of Function 3 setting.
- ◆ **Lock Up** is normally activated in 2nd, 3rd and 4th Gears.
- ◆ See other side for **connector diagram and wiring chart**.
- ◆ Polarity = Common **Positive**

Transmission: **Ford 4R100**

CONNECTOR:
(Looking into harness connector)



TOT Sensor Testing	
Connect Multimeter to Sensor Module Test Points 5 & 6	
Resistance	Temperature
37K - 100K Ω	32° - 58° F
16K - 37K Ω	59° - 104° F
5K - 16K Ω	105° - 158° F
2.7K - 5K Ω	159° - 194° F
1.5K - 2.7K Ω	195° - 230° F
0.8K - 1.5K Ω	231° - 266° F

Wiring Chart				
Case Connector Pin Number	TranX 2000 Harness Wire	Vehicle Function	TranX 2000 Output Location	TranX 2000 25 Way Pin
1	Red	12 V to Solenoids		12 or 13
2	Green	Shift Solenoid 2	Channel 2	8
3	Blue	Shift Solenoid 3	Channel 1	7
4	Purple	Lock Up Solenoid	Channel 5	3
5	Brown	Coast Clutch Solenoid	Channel 6	4
7	Red/Blue Stripe	TOT Sensor	Sensor 5 Test Point	19
8	White/Red Stripe	TOT Sensor Return	Sensor 6 Test Point	20
11	Yellow	EPC Ground	Channel 7	1
12	Red/Brown Stripe	EPC 12 V		12 or 13