

Transmission: **Ford CD4E**

Transmission Code: **046** (Pulsed)
047 (Non-Pulsed)

Dedicated Harness Set: **04X206**

SOLENOID TEST: (Engine off)				
Solenoid	TranX Setting	Output Channel	AMPS Cold-Hot	Resistance Cold-Hot
Shift Solenoid 1 1-2/3-4	Gear 1	1	1.0 - 0.5	12 - 22 Ω
Shift Solenoid 2 2-3	Gear 2	2	1.0 - 0.5	12 - 22 Ω
Lock Up Solenoid (pulsed)	Gear 5	5	0 - (1.1 - 2.5) Duty MIN - MAX	1.2 - 2 Ω
Lock Up Solenoid (non-pulsed)	Gear 5	5	0 - 0.5	12.5 - 19.0 Ω
3-2/Coast Clutch Solenoid	Gear 6	6	0 - (0.5 - 0.9) Duty MIN - MAX	3.7 - 5.9 Ω
EPC Solenoid	Gear 7	7	0 - (1.2 - 1.7) Duty MIN - MAX	3.7 - 5.9 Ω

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

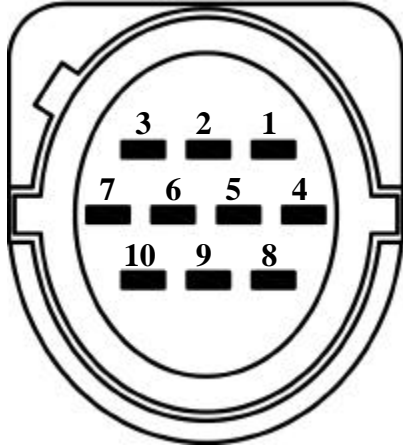
SHIFT/MONITOR TEST					
GEAR	Shift Solenoid 1	Shift Solenoid 2	3-2/Coast Clutch (Function 3)	Lock-Up (pulsed)	EPC (pulsed)
1st	ON	ON	OFF	OFF	Select Duty
2nd	OFF	ON	ON	ON/OFF	Select Duty
3rd	OFF	OFF	ON	ON/OFF	Select Duty
4th	ON	OFF	ON	ON/OFF	Select Duty

Notes:

- ◆ **Lock Up** is normally activated in 2nd, 3rd and 4th Gears. Model year 1995-Up has high impedance L/U Solenoid (Beige case connector). Typical current during **MONITOR** test should be 1.0 - 1.5 Amps.
- ◆ Polarity = Common **Positive**

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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	White/Red Stripe	TOT Sensor	Sensor 6 Test Point	20
2	Red/Blue Stripe	TOT Sensor	Sensor 5 Test Point	19
3	Red/Brown Stripe	Power to Lockup		12 or 13
4	Purple	Lockup Solenoid	Channel 5	3
5	Green	Shift Solenoid 2	Channel 2	8
6	Red/Brown Stripe	Power to Shift Solenoids		12 or 13
7	Blue	Shift Solenoid 1	Channel 1	7
8	Pink	3-2T/CCS Solenoid	Channel 6	4
9	Red	Power to EPC		12 or 13
10	Yellow	EPC	Channel 7	1