

Dedicated Harness Sets: **04X212**

SOLENOID TEST: (Engine off)				
Solenoid	TranX Setting	Output Channel	AMPS Cold-Hot	Resistance Cold-Hot
Shift Solenoid A	Gear 1	1	1.0 - 0.5	10.9 - 26.2 Ω
Shift Solenoid D	Gear 2	2	2.0 - 1.0	1 - 4.2 Ω
Shift Solenoid E	Gear 3	3	2.0 - 1.0	1 - 4.2 Ω
Shift Solenoid C	Gear 4	4	2.0 - 1.0	1 - 4.2 Ω
Shift Solenoid B	Gear 5	5	1.0 - 0.5	10.9 - 26.2 Ω
EPC Solenoid	Gear 7 select duty	7	0 - (1.0 - 2.0) Duty MIN - MAX	2.4 - 7.3 Ω

Note:

Solenoid C, D & E pulsed at 45% for shift and solenoid test. Resistance reading on TranX will be 2.2 times actual value.

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

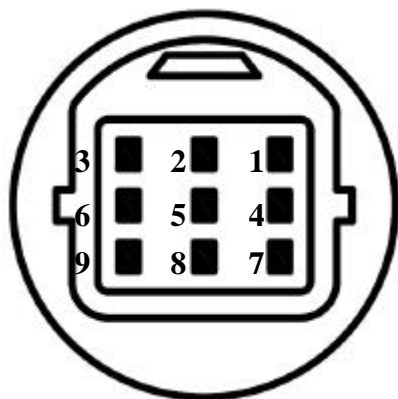
SHIFT/MONITOR TEST						
GEAR	Shift Solenoid A	Shift Solenoid D (Pulsed)	Shift Solenoid E (Pulsed)	Shift Solenoid C (Pulsed) (Function 1)	Shift Solenoid B (Lockup)	EPC (pulsed)
1st	OFF	ON	ON	OFF	OFF	Select Duty
2nd	OFF	OFF	ON	OFF	ON/OFF*	Select Duty
3rd	OFF	OFF	OFF	OFF	ON/OFF*	Select Duty
4th	ON	OFF	OFF	ON	ON/OFF*	Select Duty

Notes:

- ◆ See other side for **connector diagram and wiring chart.**
- ◆ Polarity = Common **Negative**

Transmission: **Ford 4F27E**

CONNECTOR:
(Looking into harness connector)



TOT Sensor Testing	
Connect Multimeter to Sensor Module Test Points 5 & 6	
Resistance	Temperature
83.2K - 107K Ω	32° F
33.5K - 41.2K Ω	68° F
14.6K - 17.6K Ω	104° F
7.08K - 8.01K Ω	140° F
3.61K - 4.06K Ω	176° F
1.96K - 2.20K Ω	212° F
1.13K - 1.25K Ω	248° F
0.87K - 0.96K Ω	266° F

Wiring Chart				
Case Connector Pin Number	TranX 2000 Harness Wire	Vehicle Function	TranX 2000 Output Location	TranX 2000 25 Way Pin
1	Pink	Shift Solenoid E	Channel 3	5
2	Yellow	EPC 12V Power	Channel 8	2
3	Red/Green	Shift Solenoid C	Channel 4	6
4	Red/Blue	TOT Sensor	Sensor 5 Test Point	19
5	White/Red	TOT Sensor Return	Sensor 6 Test Point	20
6	Blue	Shift Solenoid A	Channel 1	7
7	Grey	EPC	Channel 7	1
8	Purple	Shift Solenoid B	Channel 5	3
9	Green	Shift Solenoid D	Channel 2	8