

Transmission: **Ford AXODE & AX4S**

Transmission Code: **044**

041 (Non-Pulsed)

Dedicated Harness Sets:

04X201

Early (91/92)

04X202

Late (93-UP)

SOLENOID TEST: (Engine off)				
Solenoid	TranX Setting	Output Channel	AMPS Cold-Hot	Resistance Cold-Hot
Shift Solenoid 1	Gear 1	1	1.0 - 0.4	12 - 30 Ω
Shift Solenoid 2	Gear 2	2	1.0 - 0.4	12 - 30 Ω
Shift Solenoid 3	Gear 3	3	1.0 - 0.4	12 - 30 Ω
Lock Up Solenoid (non-pulsed)	Gear 5	5	1.0 - 0.4	12 - 30 Ω
Lock Up Solenoid (pulsed)	Gear 5	5	0 - (1.1 - 2.6) Duty MIN - MAX	.75 - 2.0 Ω
EPC Solenoid	Gear 7	7	0 - (0.9 - 2.5) Duty MIN - MAX	2.5 - 6.5 Ω

Note:

1991 to 97 Lincolns and 1992 to 97 Taurus, Sable, and Windstars are PULSED. They **MUST** be tested in the **CODE 044 SETTING.**

1991 Taurus and Sable are NON-PULSED. 1997-UP Lincolns 1998-UP Taurus, Sable, and Windstars are **HIGH RESISTANCE PULSED.**

All **NON-PULSED** and **HIGH RESISTANCE PULSED** solenoids **MUST** be tested in the **CODE 041 SETTING.**

(In code 041 the #3 in the shift box may appear as a "U")

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

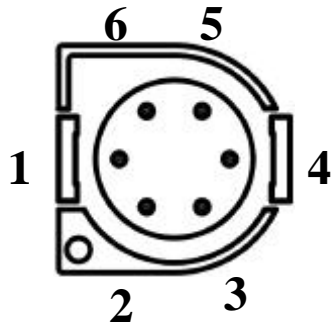
SHIFT/MONITOR TEST					
GEAR	Solenoid 1	Solenoid 2	Solenoid 3	Lock-Up	EPC (pulsed)
1st	OFF	ON	OFF	OFF	Select Duty
2nd	ON	ON	OFF	ON/OFF	Select Duty
3rd	OFF	OFF	OFF	ON/OFF	Select Duty
4th	ON	OFF	ON	ON/OFF	Select Duty

Notes:

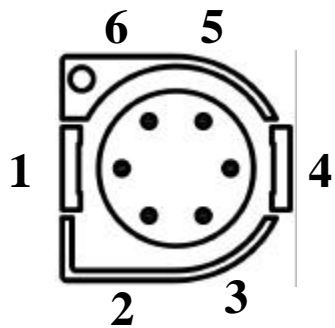
- ◆ **Lock Up** is normally activated in 2nd, 3rd and 4th Gears.
- ◆ See other side for **connector diagram**.
- ◆ Polarity = Common **Positive**

CONNECTORS:

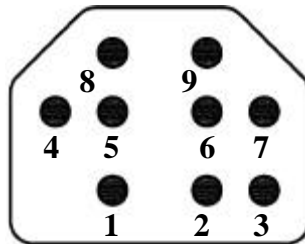
(Looking into harness connectors)



91/92 Black Connector



91/92 White Connector



93 & Up Connector

TOT Sensor Testing

Connect Multimeter to Sensor Module
Test Points 5 & 6

Resistance	Temperature
33.5K - 107K Ω	32° - 58° F
14.5K - 33.5K Ω	59° - 104° F
5K - 14.5K Ω	105° - 158° F
2.5K - 5K Ω	159° - 194° F
1.5K - 2.5K Ω	195° - 230° F
0.8K - 1.5K Ω	231° - 266° F

Wiring Chart

Case Connector Pin Number 91/92	Pin Number 93/Up	TranX 2000 Harness Wire	Vehicle Function	TranX 2000 Output Location	TranX 2000 25 Way Pin
Black 5	1	Purple	Lock Up Solenoid	Channel 5	3
White 1, 4, 5	2	Red	Power to Shift Solenoids		12 or 13
White 6	3	Blue	Shift Solenoid 1	Channel 1	7
White 3	4	Pink	Shift Solenoid 3	Channel 3	5
Black 1, 4	5	Red/Brown Stripe	Power to EPC & Lockup		12 or 13
White 2	6	Green	Shift Solenoid 2	Channel 2	8
Black 2	7	Red/Blue Stripe	TOT Sensor	Sensor 5 Test Point	19
Black 6	8	Yellow	EPC Ground	Channel 7	1
Black 3	9	White/Red Stripe	TOT Sensor	Sensor 6 Test Point	20