

Dedicated Harness:

02X202

SOLENOID TEST: (Engine off)				
Solenoid	TranX Setting	Output Channel	AMPS Cold-Hot	Resistance Cold-Hot
EV 3	Gear 1	1	0.2 - 0.2	55 - 65 Ω
EV 2	Gear 2	2	0.2 - 0.2	55 - 65 Ω
EV 1	Gear 3	3	0.2 - 0.2	55 - 65 Ω
EV 7	Gear 4	4	0.2 - 0.2	55 - 65 Ω
EV 4	Gear 5	5	1.3 - 0.9 (@ 50 % Duty)	4.5 - 6.5 Ω
EM 6	Gear 7	7	1.3 - 0.9 (@ 50% duty)	4.5 - 6.5 Ω
EV 5	Gear 8	8	0.2 - 0.2	55 - 65 Ω

CAUTION:

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

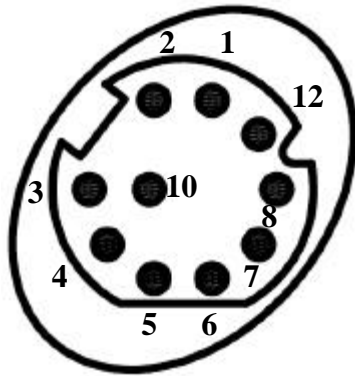
SHIFT/MONITOR TEST							
GEAR	EV 3	EV 2	EV 1	EV 7	EV 4 (Lock Up)	EV 5 (function 1)	EM 6 (pulsed)
1st	ON	OFF	OFF	OFF	OFF	N/A	select duty
2nd	ON	ON	OFF	OFF	ON/OFF	N/A	select duty
3rd	OFF	OFF	OFF	OFF	ON/OFF	N/A	select duty
4th	OFF	ON	ON	ON	ON/OFF	N/A	select duty

Notes:

- ◆ EV 5 is normally bumped on momentarily during a gear change to smooth shift.
- ◆ Polarity = Common **Positive**

Transmission: **VW 01M**

CONNECTOR:
(Looking into harness connector)



TOT Sensor Testing	
Connect Multimeter to Sensor Module Test Points 5 & GND	
Resistance	Temperature
200K Ω	58° F

Wiring Chart				
Case Connector Pin Number	TranX 2000 Harness Wire	Vehicle Function	TranX 2000 Output Location	TranX 2000 25 Way Pin
1	Black	+12V Solenoid Power		12
2	Black/White	P/R Sol +12V		13
3	Yellow	Solenoid 1 (EV 1)	Channel 3	5
4	Green	Solenoid 2 (EV 2)	Channel 2	8
5	Red	Solenoid 3 (EV 3)	Channel 1	7
6	Blue/White	Solenoid 4 (EV 4)	Channel 5	3
7	Green/White	Solenoid 5 (EV 5)	Channel 8	2
8	Grey	Solenoid 6 (EM 6)	Channel 7	1
10	Blue	Solenoid 7 (EV 7)	Channel 4	6
12	Red/White	TOT Signal	Sensor 5 Test Point	19