

Dedicated Harness Set:

06X201
06X202

| SOLENOID TEST: (Engine off) | | | | |
|------------------------------------|---------------|----------------|---------------|---------------------|
| Solenoid | TranX Setting | Output Channel | AMPS Cold-Hot | Resistance Cold-Hot |
| 1-2 Shift | Gear 1 | 1 | 0.9 - 0.4 | 13 - 27 Ω |
| 2-3 Shift | Gear 2 | 2 | 0.9 - 0.4 | 13 - 27 Ω |
| 3-4 Shift | Gear 3 | 3 | 0.9 - 0.4 | 13 - 27 Ω |
| Lock-up Solenoid | Gear 5 | 5 | 0.9 - 0.4 | 13 - 27 Ω |

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

| SHIFT/MONITOR TEST | | | | |
|---------------------------|----------|----------|----------|---------|
| GEAR | 1-2 | 2-3 | 3-4 | Lock-Up |
| | Solenoid | Solenoid | Solenoid | |
| 1st | OFF | ON | ON | OFF |
| 2nd | ON | ON | ON | ON/OFF |
| 3rd | ON | OFF | OFF | ON/OFF |
| 4th | ON | OFF | ON | ON/OFF |

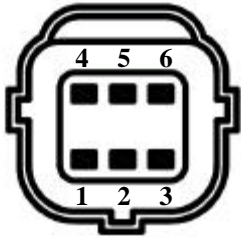
Notes:

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

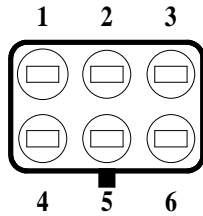
Transmission: **Mazda/Ford F4A-EL,G4A-EL**
KIA SE & SD

CONNECTORS:

(Looking into harness connectors)



Black Connector



White Connector

| Wiring Chart | | | | | |
|----------------------------------|-----------------------|------------------------------------|-------------------------|---------------------------------------|----------------------------------|
| Case Connector Pin Number | | TranX 2000 Harness Wire | Vehicle Function | TranX 2000 Output Location | TranX 2000 25 Way Pin |
| G4A-EL (Black) | F4A-EL (White) | | | | |
| 1 | 2 | Green | 2-3 Solenoid | Channel 2 | 8 |
| 2 | 5 | Pink | 3-4 Solenoid | Channel 3 | 5 |
| 3 | N/A | Red/Blue | TOT Switch | Sensor 5 Test Point | 19 |
| 4 | 1 | Blue | 1-2 Solenoid | Channel 1 | 7 |
| 5 | N/A | White/Red Stripe | TOT Switch | Sensor 6 Test Point | 20 |
| 6 | 3 | Purple | Lock Up Solenoid | Channel 5 | 3 |