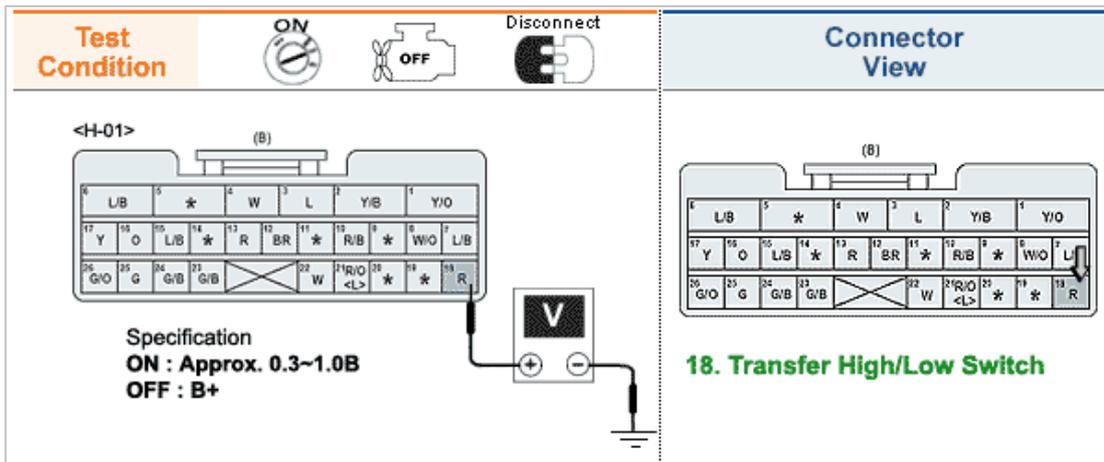


### Signal Circuit Inspection

1. With ignition off, disconnect TCM connector(H-01).
2. Measure the voltage between TCM(B18/H-01) and chassis ground refer to following specification:
  - A. Test Condition : Ignition "ON" & Engine "OFF"
  - B. Specification :

Condition	Voltage
Transfer high/low switch off	B+
Transfer high/low switch on	Approx. 0.3~1.0B



3. Is voltage display near the specified value?

**i** YES

- 1) Go to Step"2.Terminal and Connector Inspection".

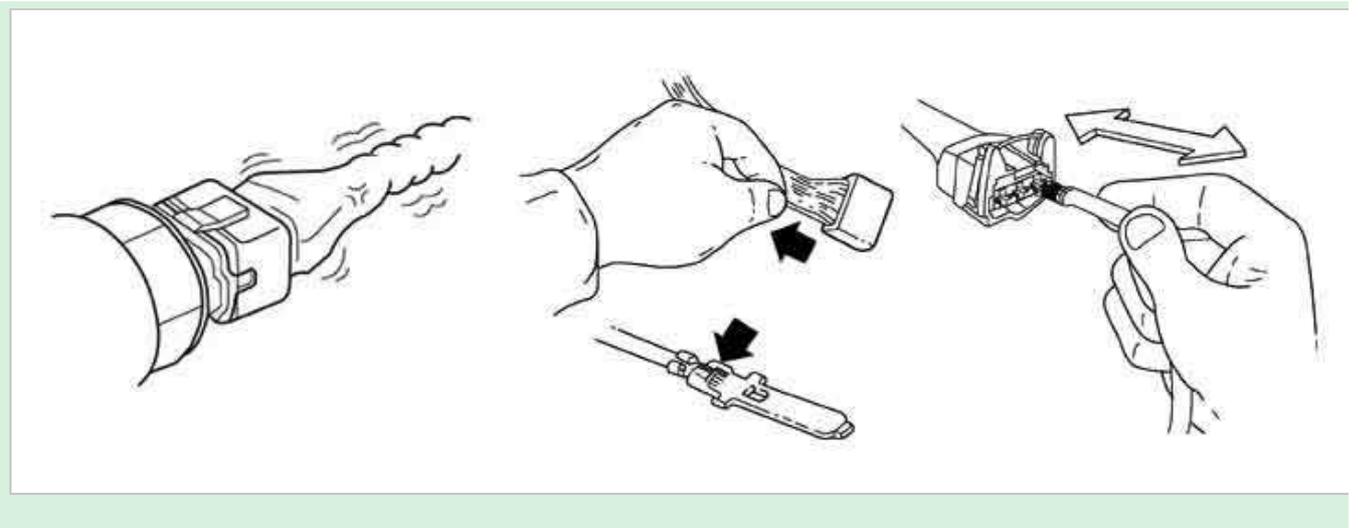
**i** NO

- 1) Check for an open or short to ground/battery between the TCM and Transfer high/low switch
- 2) Check for an open or short to ground/battery in transfer high/low switch
- 3) Check for the instrument cluster refer to Workshop Manual
- 4) Repair as necessary and go to "Verification vehicle Repair" procedure among the tree on the left-hand side of the window.

### Terminal and Connector Inspection

1. Many malfunctions in the electrical system may caused from poor harness and terminals. These faults can be caused by interference from other electrical systems and mechanical or chemical damage.
2. Check the following conditions:
  - (1) Check for damaged harness and terminals: contact resistance, oxidation, bent or broken terminals.
  - (2) Check for poor connection between ECM and component: backed out terminal, improper mating, broken locks and poor terminal to wire connection

Using a suitable male pin to ensure that contact in sockets is good. The pin should remain in position when pulled gently.



3. is a problem found?

**i** YES

1) Repair as necessary and go to "Verification vehicle Repair" procedure among the tree on the left-hand side of the window.

**i** NO

1) Go to "Verification vehicle Repair" procedure among the tree on the left-hand side of the window.