

## **I-4WD INDICATOR CIRCUIT TROUBLESHOOTING**

### **I-4WD INDICATOR DOES NOT COME ON (when the ignition switch turned ON)**

**NOTE:**

- Before starting this inspection, check the initial operation of the combination meter (page 23-4).

#### **1. Indicator Operation Inspection**

Turn the ignition switch OFF (O).  
Disconnect the I-4WD modulator 36P (Black) connector (page 25-7).  
Turn the ignition switch ON (I).  
Check the I-4WD indicator.

**Does the I-4WD indicator come on?**

**YES** – Faulty I-4WD modulator

**NO** – GO TO STEP 2.

#### **2. Indicator Signal Line Short Circuit Inspection**

Turn the ignition switch OFF (O).  
Check for continuity between the wire harness side I-4WD modulator 36P (Black) connector [1] terminal and ground.

**TOOL:**

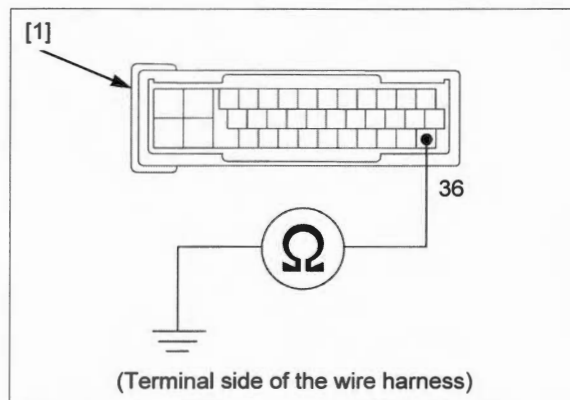
Test probe, 2 pack                      07ZAJ-RDJA110

**CONNECTION: 36 – Ground**

**Is there continuity?**

**YES** – Short circuit in the Yellow wire

**NO** – Faulty combination meter



### **I-4WD INDICATOR STAYS ON (Indicator does not go off when the Vehicle is running)**

#### **1. Service Check Line Short Circuit Inspection**

Turn the ignition switch OFF (O).  
Disconnect the I-4WD modulator 36P (Black) connector (page 25-7).  
Check for continuity between the wire harness side I-4WD modulator 36P (Black) connector [1] terminal and ground.

**TOOL:**

Test probe, 2 pack                      07ZAJ-RDJA110

**CONNECTION: 22 – Ground**

**Is there continuity?**

**YES** – Short circuit in the Brown/red wire

**NO** – GO TO STEP 2.

