

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:

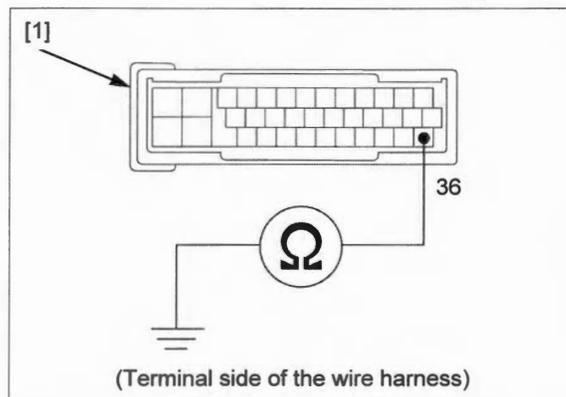
Test probe, 2 pack 07ZAJ-RDJA110

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.

