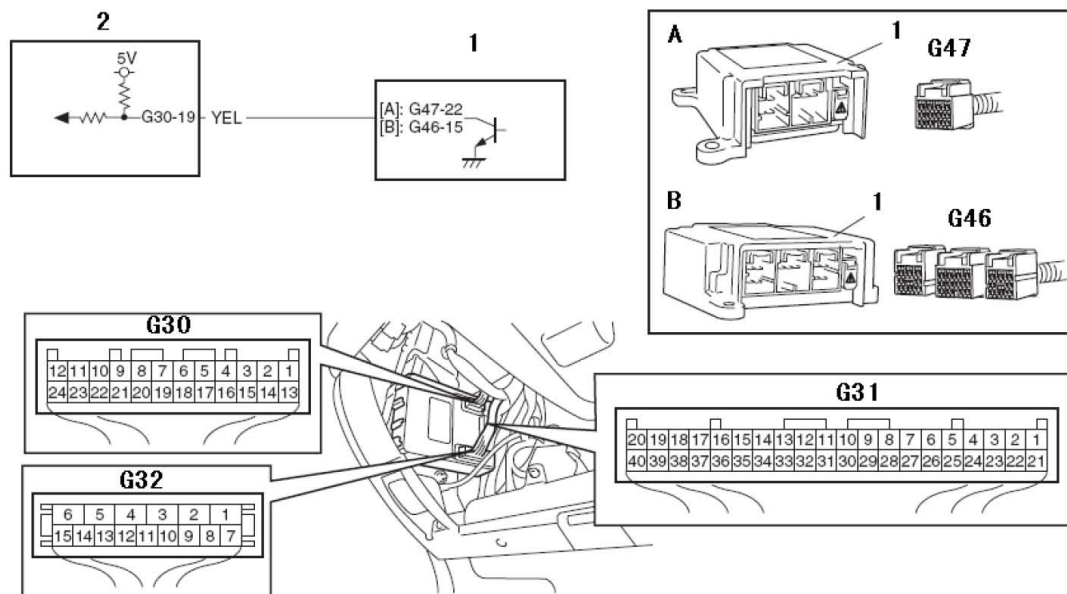


# DTC B1150 (No. 1150)

## Air Bag Communication Circuit Malfunction

### Wiring Diagram



[A]: Vehicle not equipped with side-air bag	1. SDM
[B]: Vehicle equipped with side-air bag	2. BCM

### DTC Detecting Condition and Possible Cause

DTC detecting condition	Possible cause
After ignition switch is turned on, abnormal signal is fed from SDM to BCM.	1. Air bag communication circuit open or short 2. SDM malfunction 3. BCM malfunction

### Flow Test Description

**Step 1:** Check air bag communication circuit.

**Step 2:** Check air bag communication circuit.

**Step 3:** Check air bag communication circuit.

## DTC Troubleshooting

Step	Action	Yes	No
1	<p><b>Check air bag communication circuit</b></p> <p>1) Turn ignition switch to OFF position. 2) Disconnect connector from SDM referring to “SDM Removal and Installation: in Section 8B”.</p> <p>3) Disconnect connector from BCM.</p> <p>4) Turn ignition switch to ON position.</p> <p>5) Measure voltage between “G47-22” or “G46-15” terminal of SDM connector and vehicle body ground.</p> <p>Is voltage 0 V?</p>	Go to Step 2.	Short to power supply in air bag communication circuit.
2	<p><b>Check air bag communication circuit</b></p> <p>1) Turn ignition switch to OFF position.</p> <p>2) Connect connectors to BCM.</p> <p>3) Turn ignition switch to ON position.</p> <p>4) Measure voltage between “G30-19” terminal of BCM connector and vehicle body ground. Is voltage 4 – 6 V?</p>	Go to Step 3.	Short to ground in air bag communication circuit. If OK, substitute a known-good BCM and recheck.
3	<p><b>Check air bag communication circuit</b></p> <p>1) Measure voltage between “G47-22” or “G46-15” terminal of SDM connector and vehicle body ground. Is voltage 4 – 6 V?</p>	Substitute a known-good SDM and recheck.	Open or high resistance in air bag communication circuit.