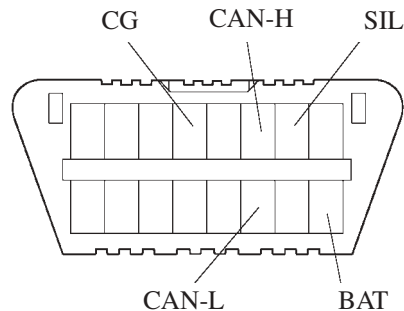


- DLC3 is equipped with CAN-H and CAN-L terminals for CAN diagnosis. It is possible to determine if there is an open or short on the main bus line by measuring the resistance value between these terminals. It is possible to determine if there is a short between the bus line - power supply/ground by measuring the resistance value between terminal CAN-H or CAN-L, and the BAT or CG terminal.

► CAN-H – CAN-L Inspection ◀

Resistance Value	Bus Line Status
Less than 54 $\Omega$	Short between lines (both sub bus lines of main and sub)
54 $\Omega$ – 67 $\Omega$	Normal
	Yaw rate & deceleration sub bus line open (DTC is output)
	Short between bus line and power or ground
108 $\Omega$ – 132 $\Omega$	Open in main bus line
$\infty \Omega$	Open in DLC3 sub bus line



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► Inspection for short between bus line – power supply/ground ◀

Inspection Item	Resistance Value	Bus Line Status
CAN-H – BAT	more than 1 k $\Omega$	Bus line is OK if no DTC is output
	less than 1 k $\Omega$	Short between bus line and power or ground
CAN-L – BAT	more than 1 k $\Omega$	Bus line is OK if no DTC is output
	less than 1 k $\Omega$	Short between bus line and power or ground
CAN-H – CG	more than 3 k $\Omega$	Bus line is OK if no DTC is output
	less than 3 k $\Omega$	Short between bus line and power or ground
CAN-L – CG	more than 3 k $\Omega$	Bus line is OK if no DTC is output
	less than 3 k $\Omega$	Short between bus line and power or ground

- If a communication malfunction occurs between the skid control ECU and the steering angle sensor or the yaw rate & deceleration sensor, the skid control ECU stops control of the VSC (Vehicle Stability Control).
- For details of the CAN diagnosis system, see the Avensis Verso Repair Manual Supplement (Pub. No. RM1032E).

## 4. Fail-Safe

The fail-safe system provided for each system will operate if a failure occurs in the communication wire such as a short or an open circuit.

- On the new Avensis Verso, the following fail-safe functions will operate if CAN communication is unavailable.

Location of Disabled Communication	Fail-Safe
Skid Control ECU, Yaw Rate, Deceleration sensor, and Steering angle sensor	<ul style="list-style-type: none"> <li>• Stops VSC/ABS functions</li> <li>• Illuminates VSC indicator light and ABS indicator light</li> <li>• Detects DTCs</li> </ul>