

- Wheel speed sensors
- ABS module

Visual Inspection and Diagnostic Pre-checks

- Make sure the wheel speed sensor harness is routed correctly and is undamaged.
- Make sure the wheel speed sensor electrical connector is free from any corrosion or other contaminants.

DIAGNOSIS AND TESTING > ANTI-LOCK BRAKE SYSTEM (ABS) AND STABILITY CONTROL > PINPOINT TESTS > PINPOINT TEST L : WHEEL SPEED SENSOR ELECTRICAL FAULTS - REAR > PINPOINT TEST L : WHEEL SPEED SENSOR ELECTRICAL FAULTS - REAR



NOTE: Use the correct probe adapter(s) when making measurements. Failure to use the correct probe adapter(s) may cause damage to the connector

L1 CHECK FOR FAULT REPEATABILITY

Ignition ON.

Using a diagnostic scan tool, clear all ABS module Diagnostic Trouble Codes (DTCs).

Ignition OFF.

Ignition ON.

Test drive the vehicle above 20 km/h (12 mph) and carry out at least 1 ABS stop.

Bring the vehicle to a safe stop.

Using a diagnostic scan tool, carry out the ABS module self-test.

Is DTC C0037:11, C0037:15, C003A:11 or C003A:15 present?

Yes	If the Rotunda Active Wheel Speed Sensor Tester is available, GO to L2 If the Rotunda Active Wheel Speed Sensor Tester is not available and DTC C0037:15 or C003A:15 is present, GO to L5 If the Rotunda Active Wheel Speed Sensor Tester is not available and DTC C0037:11 or C003A:11 is present, GO to L7
No	The system is operating correctly at this time. INSPECT both rear wheel speed sensor electrical connectors and the ABS module electrical connector. REPAIR or CLEAN the connector as necessary. ADDRESS the root cause of any connector or pin issues.

L2 CHECK THE ABS (ANTI-LOCK BRAKE SYSTEM) MODULE OUTPUT USING THE ROTUNDA ACTIVE WHEEL SPEED SENSOR TESTER