



ENGINEERED SOLUTIONS

Bulletin BES 05-17

Subject: ABS Light Illuminated

Vehicle Involved: 2001 – 2002 Nissan Frontier

Condition: ABS Light On and Left Front Wheel Speed Sensor Code Set

Repair Procedure: A failed wheel speed sensor is always a possibility. In this particular case Nissan suggests a likely problem is a loose fit between the male and female terminals at connection E16.

To be on the safe side start your diagnosis by ohming out the wheel speed sensor. You are looking for a value between 1280 and 1920 ohms of resistance. Anything else you must replace the sensor. I

If the sensor is within range, look for terminal connection E16 on the left inner fender near the A/C compressor. Separate the male and female halves of the terminal and check the pin fit of the two female terminals.

If either terminal is bad, remove both terminals from the connector housing. Next cut off the terminals and move the weather seal up the wire. Solder two new terminals to the wires, and then move the weather seals back down to the connector.

To complete the repair, wipe out the code, start the engine, and then proceed to an open road-driving test to evaluate the repair and to determine the light stays off.