



Technical Service Information

NISSAN MAXIMA RE0F09B

LOW VEHICLE POWER

COMPLAINT: A 2007 or later Nissan Maxima with the RE0F09B CVT transmission may have a complaint of a failure to accelerate. The transmission also loses lockup and fails to attain higher ratios, there are no trouble codes stored. Sometimes when monitoring wheel speed sensor signals, a glitch can be seen when riding over a bump in the road.

CAUSE: The traction control system is very sensitive to wheel speed input. The cause of this problem can be a faulty Wheel Speed Sensor or a rusted or corrosion coated tone wheel that the WSS gets its signal from, Refer to Figure 1.
A weak or erratic wheel speed sensor signal can cause poor performance or lack of power at low to mid-range speeds.

CORRECTION: A good test for this complaint would be to disconnect the ABS Module and now see if the vehicle accelerates normally. Use a scan tool to view all wheel speed sensor rpm, when driving in a straight line, all should read the same. Each wheel speed sensor signal can also be viewed on a scope. Replace the Wheel Speed Sensor if faulty or replace the axle that has a damaged tone wheel.

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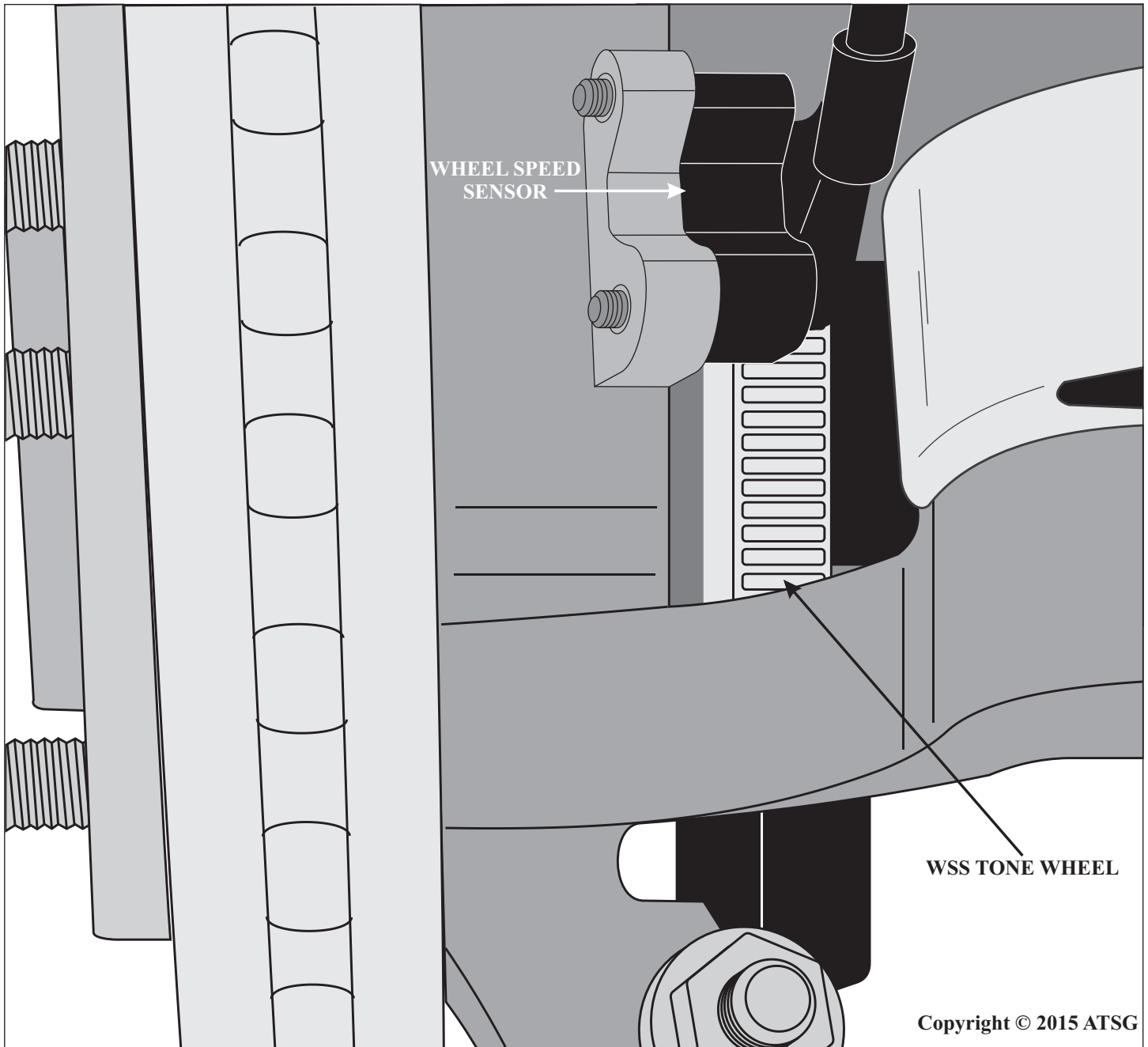


Figure 1