

**MODEL:** Karma Revero**DATE:** May 2019**TITLE:** Wheel Speed Sensor Diagnostic Procedure**Released-** May 2019**PRIORITY:** On Complaint**APPLICABILITY:** Karma Revero (All)**MARKET REGION:** North America**PURPOSE:** To assist with diagnosis of front wheel speed sensor related concerns.

This document will aid the technician when diagnosing front wheel speed sensor related concerns. In addition to assisting with general diagnosis direction. This service communication also provides an additional procedure to use when visually inspecting a wheel speed sensor harness for damage, and the correct routing used when installing the component at the factory.



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1. Use KarmaSync to check for active DTCs. If any DTCs are found, diagnose condition per the applicable service procedure.

2. Examine the illustration in Figure 1 to verify the correct routing of the wheel speed sensor harness.

3. Perform a visual inspection of the wheels speed sensor wire harness. Inspect the wiring harness for the following criteria:

a. Verify harness is routed correctly as show in the diagram.

b. Verify there are no kinks in the harness routing that could create the possibility of contact with brake system components.

c. If kinks, or improper wiring harness routing is verified, carefully inspect the harness for signs of damage. If damage is verified, replace the affected component per the applicable service procedure.

4. Use KarmaSync to clear any DTCs present in the system.

5. Test drive the vehicle to verify the concern has been resolved.

