

ABS Sensors

At Walker Products, we understand the importance of keeping your vehicle's ABS system in optimal condition. The ABS speed sensor plays a crucial role in ensuring your safety on the road.

What happens when the ABS Sensor fails?

When an ABS sensor fails, the ABS system may become disabled. This means that the system will no longer function as intended, and you will lose the benefits of anti-lock braking. The vehicle will still be able to stop during normal braking conditions, but serving the system as soon as possible is recommended. Without ABS, your wheels may lock up during hard braking or when braking on slippery surfaces, increasing the risk of skidding and loss of control.

How to diagnose the ABS Sensor:

Diagnosing the ABS system can be a tricky procedure. Generally, a technician would start with reading the diagnostic codes causing the ABS failure. Once the tech has a starting point to what is causing the issue, they are able to use a diagnostics tree to pinpoint the exact component causing the failure such as a failed ABS wheel speed sensor or a broken wire connection. Keep in mind that the ABS Sensor is only one of several components within the ABS System.

What are the signs of a failing ABS sensor?

- **ABS warning light:** One of the most obvious signs of a failing ABS sensor is the illumination of the ABS warning light on the dashboard.
- **Traction control and stability control warning lights:** If your vehicle is equipped with traction control and stability control systems, the warning lights for these systems may also illuminate when there is a problem with the ABS sensor.
- **Erratic braking behavior:** A failing ABS sensor may cause the brakes to behave erratically. You may experience pulsation or vibration in the brake pedal when applying the brakes, even in normal driving conditions. The ABS system may engage unnecessarily or fail to engage when needed, affecting the overall braking performance.
- **Longer braking distance:** A faulty ABS sensor can lead to longer braking distances. Without accurate wheel speed information, the ABS system may not be able to modulate the braking pressure effectively, resulting in reduced braking efficiency.
- **Speedometer issues:** The ABS sensor also plays a role in providing speed data to the vehicle's speedometer. Therefore, a failing ABS sensor can cause the speedometer to display incorrect speeds or stop functioning altogether.

Why choose your replacement from Walker Products?

Walker goes beyond testing parts to ensure function – Walker designs and manufactures proprietary testing equipment that gives us even more insight to ABS Sensors. With a machine that tests and analyzes the OE signals, sensors are precisely measured to evaluate shift or lag versus the OE. This data is not available from the manufacturer. In addition to machine testing, Walker ABS Sensors are tested on vehicles as part of a long-term stress test to ensure durability under extreme conditions. Whether you are performing a simple removal and replacement or an in-depth diagnostic project, always count on Walker Products ABS Sensors to deliver superior Quality, Coverage, and Support.

To learn more about Walker Products and their extensive Engine Management capabilities, please visit walkerproducts.com.



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