

**ENGINE MANAGEMENT**

# MOTAQUIP TEC TALK

## Signs of a faulty Wheel Speed Sensor

### THE CAUSE

- **Corrosion:** Moisture and road salt can corrode the sensor or its connections.
- **Physical damage:** Road debris or accidents can damage the sensor.
- **Wiring issues:** Loose, frayed, or broken wires can disrupt the sensor's signal.
- **Excessive bearing play:** This can affect the sensor's ability to read the wheel speed accurately.
- **Internal failure:** The sensor itself can wear out over time.

A faulty wheel speed sensor can cause the ABS warning light to appear, a pulsating brake pedal, and loss of anti-lock brakes. It may also result in reduced traction or stability control, affecting the vehicle's grip.



**Regular cleaning:** Keep the sensors clean from dirt, debris, and contaminants.



**Proper installation:** Ensure sensors are securely fastened according to manufacturer guidelines.



**Inspect wiring:** Regularly check the wiring and connections for any signs of wear or damage.



**Routine maintenance:** Include sensor checks in your regular vehicle maintenance schedule.



**Avoid harsh chemicals:** Use a soft cloth and avoid harsh chemicals when cleaning the sensors.



Speak to your Area Sales Manager for more information on the Motaquip Engine Management range.