

# Temposonics®

Magnetostrictive Linear-Position Sensors



Commercial Off-Road Vehicles

550861 B

## Application Idea



More and more, manufacturers are relying on linear position sensing to support the trend towards the automation of off-road vehicles and their implements. In these demanding applications, MTS Temposonics sensors are chosen because of their proven performance under extreme shock and vibration, EMI and environmental conditions. Whether your equipment is used in agricultural, mining or construction applications, our products are capable of meeting your sensing requirements.

### Overview

<b>Application:</b>	Position feedback on mobile vehicle implements.
<b>Benefits:</b>	<ul style="list-style-type: none"><li>• Position feedback eliminates variability of manual controls thereby improving machine productivity and safety.</li><li>• Rugged, reliable construction allows for use in a wide range of environmentally harsh conditions.</li><li>• High shock and vibration tolerance ensure superior EMI and noise immunity and trouble free operation.</li><li>• Compact sensing electronics available for short installation envelopes</li></ul>

All specifications are subject to change. Please contact MTS for specifications that are critical to your needs.

**Part Number: 08-05 550861 Revision B**  
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All Temposonics sensors are covered by US patent number 5,545,984.  
Additional patents are pending.  
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