

Temposonics®

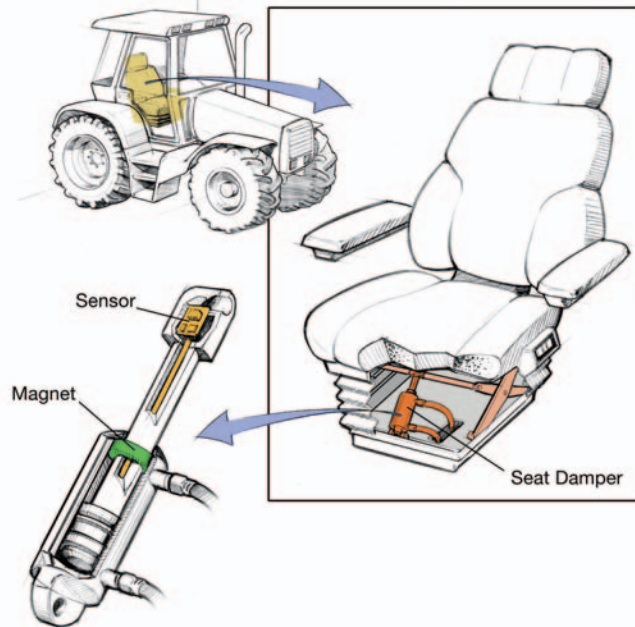
Magnetostrictive Linear-Position Sensors



Tractor Seat Suspension

550900 C

Application Idea



MTS Temposonics Linear-Position Sensors Improve Performance

Operators of on-road and off-road mobile equipment get a rough ride unless some form of seat isolation from the frame is installed. However as effective as an elastomer or shock absorber equipped seat may be, it can be improved by using active or semi-active damping techniques now seen in automotive suspensions.

Improving the performance of equipment seat suspension increases operator comfort, reduces fatigue improving work performance, and reduces long term repetitive injury to reduce insurance costs.

Temposonics C-Series sensors are ideal for providing the position measurement and velocity information needed for closed-loop control of active and semi-active damper systems. Temposonics sensors can be mounted within the damper to provide a compact package. These sensors are compatible with traditional hydraulic-fluid dampers and the new magneto-rheological (MR) fluid-based dampers.

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

Part Number: 04-05 550900 Revision C
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All Temposonics sensors are covered by US patent number 5,545,984.
Additional patents are pending.
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