

# Temposonics®

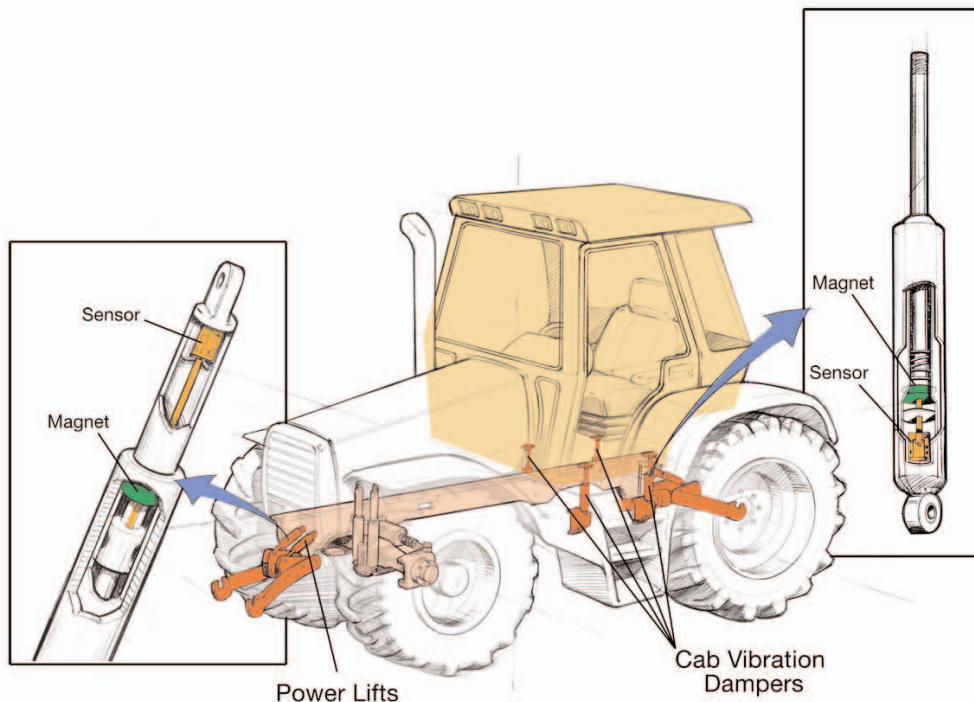
## Magnetostrictive Linear-Position Sensors



Tractor/Cab Suspension & Lift Control

550887 C

### Application Idea



#### MTS Temposonics linear-position sensors stand up to abusive shock and vibration

The rugged environment of off-road equipment, suspension and implement position feedback is a natural environment for Temposonics C-Series sensors. These proven sensors stand up to the most abusive shock and vibration requirements.

Hydraulic positioning cylinders used as lifts are an ideal application for MTS C-Series sensors. C-Series sensors offer convenient, protected mounting schemes and high reliability with a choice of data formats. These sensors are absolute so that loss of power does not require re-homing or re-learning current position when power is restored.

Cab suspensions are typically equipped with dampers or combination dampers and leveling cylinders to control ride attitude and damping rates. MTS Temposonics sensors offer control over both velocity and ride height/attitude with one sensor. Their unique ability to monitor more than one magnet allows two section damper/actuators to use one sensor to monitor each section's unique parameter. These sensors are also compatible with the new magneto-rheological fluid dampers.

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

#### Part Number: 04-05 550887 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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