

# VEHICLE OVERSPEED



## MUIRHEAD® VEHICLE OVERSPEED SYSTEM

15457

### Purpose & Benefits

The Muirhead® Vehicle Overspeed system is designed to warn and prevent operators from over-speeding and over-revving their machines. The system is primarily used to prevent machine damage from operator abuse. Additionally, the device is able to generate a log to show when the machine has had an overspeed event to allow a manager to audit shifts.

### Equipment Type

All mobile equipment subject to speed limits or at risk of operator abuse.

### Target Customer

All operators/managers of light and heavy mobile equipment concerned with:

- ▶ Equipment and personnel safety, looking to ensure speed restrictions are adhered to.
- ▶ Unintentional machine component wear due to aggressive operators keeping machines in high engine RPM.

Equipment examples: light vehicles, haul trucks, fuel trucks, loaders and service vehicles.

### Functionality

The device monitors both the ground speed and engine RPM to provide a two-stage response if either signal reaches critical levels.

Stage 1: The system provides a visual and audible warning to the operator to notify them that they are at risk exceeding the safe working limits of the vehicle.

Stage 2: If the operator continues to increase the ground speed or engine RPM beyond the accepted level the device will turn on the connected brake/retarder to force the vehicle to slow down.

### Speed Limit Violation Logging

The device will automatically generate a log of all overspeed or over-RPM violations that can be viewed by connecting to the device through its WiFi connection. This log can also be downloaded and viewed with a spreadsheet program

### Configuration

The device can be configured via a smart device utilising the closed WiFi network from the device if the specific hertz values are known. Alternatively, the device can be configured on the machine by entering the manager mode (PIN required) and driving the machine at half the desired speeds.

### Key Features

- ▶ Wide range supply input 11 to 36 volts
- ▶ Visual and audible indicators
- ▶ Real-time clock
- ▶ Colour display
- ▶ Environmentally sealed – IP65
- ▶ Compact and robust design
- ▶ Easy configuration via the web interface or on machine.
- ▶ Simple and easy to use.
- ▶ Increase road safety
- ▶ Prevents engine stress
- ▶ Reduces running costs, maintenance, and repairs (tyres, brakes, etc.)
- ▶ Warns operators of imminent violation
- ▶ Helps preserve OEM warranty
- ▶ Downloadable event logging

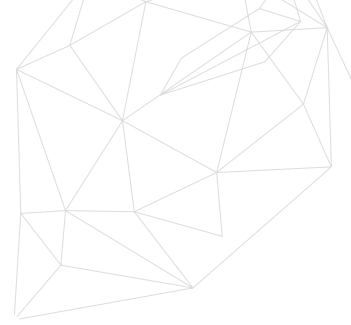
## ADDITIONAL DOCUMENTS

MANUAL



# PRODUCT OUTLINE SHEET

## VEHICLE OVERSPEED



### Parts List

PARTS LIST – QUANTITY SUPPLIED

PART #	DESCRIPTION	15937	OPTIONAL
15457	VEHICLE OVERSPEED CONTROLLER	1	
15378	MOUNT	1	
15945	GENERIC VEHICLE OVERSPEED LOOM	1	
5306	MAGNETIC SPEED SENSOR		1
0465	PROXIMITY SPEED SENSOR		1
7961	GROUND SPEED RADAR		1
1723	BUZZER WARNING CONS/INT 80 DB		1

### Quoting & Pricing

Pricing should always be taken from Pronto at time of sale.

### Additional Documents

ITEM	DESCRIPTION	DOCUMENT NUMBER/TITLE
1	Product Manual	<a href="#">M1209</a>
2	Wiring Diagram	<a href="#">661p</a>

### Related Images

