Monitoring mine fleet speeds

Vehicle Overspeed System



RCT's Muirhead® Vehicle Overspeed system is designed to safeguard both operators and machines. Part of the Muirhead® Protection system range, it allows diverse mining fleets to run at peak capacity, while ensuring best practice driving behaviour.

The dashboard-mounted device is easily installed and monitors and records information about vehicle groundspeed and/or RPM, providing site managers with detailed data logs of vehicle overspeed events.

The device can be programmed to suit specific speeds, catering to different speed requirements on site. Both visual and audio warnings are delivered to the vehicle operators when they are approaching predetermined speed limits. Anything recorded over speed is then logged for review by management.



It is the ideal solution to promote optimal driving practices across mine sites and prevent over-revving of engines. It effortlessly ensures the workforce is complying with rules and safety standards while operating site vehicles.

The Smart Vehicle Overspeed system can easily integrate with any mining machine but can easily be applied to heavy machinery across the industrial, construction, agriculture and forestry sectors.

It is easily configured through an inbuilt programming tool, all that is needed is a smart device, PC, laptop or phone connected to Wi-Fi.



For security reasons, the connection is password-protected to prevent people from making changes that the supervisor might not want including re-setting counters. As a result, end-users are provided with integral information about machines that they would not normally have access to.

The Muirhead® Vehicle Overspeed system delivers data with ease to ensure managers and supervisors can act promptly to reconcile any issues.

Reference: SBMH0621001

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Features

- Monitors vehicle groundspeed
- Monitors RPM
- Warns operators of imminent violation – audio and visual alerts
- First and second stage warnings
- Visual and audible indicators
- Downloadable event logging
- Colour display
- Compact and robust design
- Easy configuration via the web interface
- Simple and easy to use
- Increase road safety
- Prevents engine stress
- Reduces running costs, maintenance and repairs (tyres, brakes, etc.)
- Helps preserve OEM warranty

Specifications

Dimensions	121mm (L) x 63mm (W) x 40mm (D) (4.76" x 2.48" x 1.57")
Weight	0.2 kg (0.44 lbs)
Operating voltage	11 to 36 Vdc
Operating temperature range	-20C to 60C (-4F to 140F)
Connection types	26-pin receptacle
Inputs	Switch inputs, battery supply, ground
Minimum & maximum input voltage	0 to 36 Vdc
Circuit protection	Inbuilt 10 A fuse, onboard transient voltage suppressors, polarity protection
Maximum current ratings	Combined input = 8 A
	Output 1 = 2 A
	Output 2 = 2 A
	Total combined output max. = 3.5 A
Maximum current consumption (no outputs)	Input voltage and software dependant, absolute max @ 12 V, 116 mA
Enclosure type	ABS
Environmental rating	IP65

Parts

APN: 15937 Vehicle Overspeed Kit

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