

Don't forget to apply the brake when you take a break.

Every year the number of runaway vehicles increases... simply because the operator forgot to apply the hand brake when leaving the vehicle.

There are reports where incidents have caused significant damage and personal injury... soon it may even cause a death.

Apart from the obvious risk of damage to the runaway vehicle, it can cause damage to other vehicles, the workplace environment and - worst of all - to people.

There is also the concern that some vehicle operators try to chase their runaway vehicles and enter the cabs to try and stop them - a practice that can result in serious injury or death.

It can all be prevented so easily with a Redarc HBA1224 hand brake alarm.

Primary benefits

- Suits a wide variety of vehicles including passenger, commercial, mining, RV and transport
- Built-in red LED warning light and internal piezzo buzzer
- Output for external alarm, e.g. horn relay
- Designed for universal fitting - the alarm can be fitted to vehicles with positive or earth door switch inputs as well as positive or earth handbrake switch inputs
- Once triggered the alarm latches on (even if the door is closed) until the handbrake is applied
- Two year warranty
- 100% Australian made



REDARC®

THE POWER CONVERSION SPECIALISTS

The increasing concern with runaway vehicles on mine sites saw the State Mining Engineer in WA, Mr. Martin Knee, release a Mines Safety Bulletin on January 4th 2008 regarding "unattended vehicles rolling away".

The bulletin highlights a number of recent incidents that have caused significant damage and personal injury. One such incident describes an operator loading the trailers of a road train parked on a "very slight" slope.

The truck and trailer began rolling downhill and eventually came to rest 120 metres from the loading area in a creek. After the incident the vehicle was inspected and the park brake was found to be disengaged. The bulletin also states a primary concern by some vehicle operators attempting to pursue and enter the cabs of their runaway vehicles to try and stop them - a practice that can result in serious injury or death.

One of the mines safety bulletin recommendations is to "investigate and implement systems such as warning alarms to alert the operator that the park brake has not been engaged when the vehicle door has been opened".

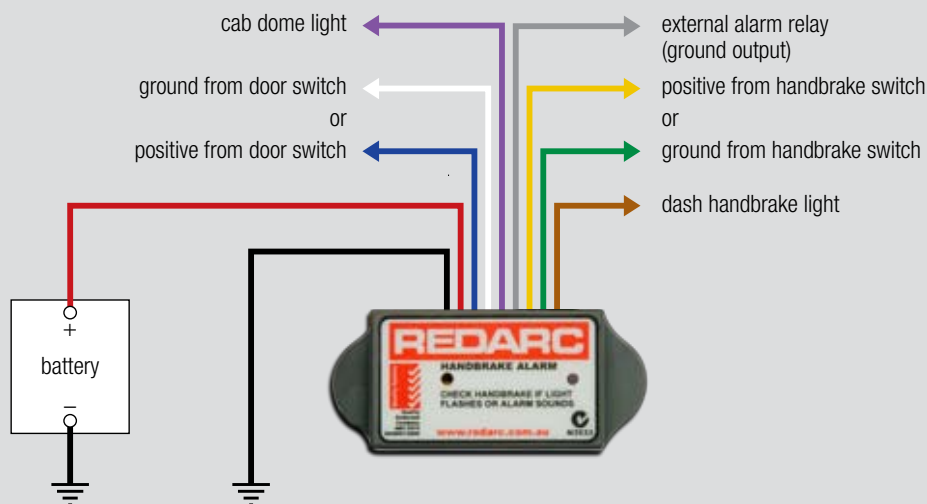
In response to an increasing number of customer enquiries and the above recommendation, Redarc released the HBA1224 hand brake alarm which can be utilised in a wide variety of vehicles including passenger, commercial, mining and transport applications.

The HBA1224 is a compact unit measuring 50mm x 30mm x 25mm - small enough to be dash-mounted in most vehicle or machinery cabins. It has mounting tabs which may be drilled for screw mounting.



Actual instances of runaway vehicles causing damage to the vehicles and their environments

HBA1224 installation



The HBA1224 has nine wires for installation as follows:

Red	+12V or +24V supply
Black	Ground
Blue	Positive door switch option
White	Ground door switch option
Violet	Cab dome light
Grey	External alarm relay (ground output)
Yellow	Positive handbrake switch option
Green	Ground handbrake switch option
Brown	Dash handbrake light

Specifications

Supply range	9-32V
Current draw (alarm off)	<2mA
Current draw (alarm on)	Approx 30mA
External alarm (latching)	Ground output (0.5A max)
Audible warning (latching)	Piezzo buzzer
Visual warning (latching)	Red LED
Dimensions	50mm x 30mm x 25mm
Weight	<40g

See the Redarc HBA1224 hand brake alarm at your nearest automotive parts dealer



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