

WIN THE FIGHT AGAINST DROPPED TRAILERS

TRAILER CHECK

Patents Pending AU201690088 & AU2016901982

- › **Trailer Check** has been designed as a safety system, validating the coupling between the prime mover and semi-trailer.
- › **Trailer Check** advises the driver of the coupling connection status by a simple means of visible and audible confirmation.
- › **Trailer Check** is a safety device system set up to electronically monitor the coupling process and provide positive information to the driver.
- › **Trailer Check** records and stores allowing investigation of sensor coupling history.
- › The **Trailer Check** system has achieved an ongoing reliability with well over 500,000 coupling connections by two of Australia's major logistics providers. This testing of prototype units has been happening since 2013.
- › **Trailer Check** has the capacity to provide warning signals for use by telematics systems. (optional)

Trailer Check has been designed to retrofit to multiple brands of fifth wheels. It has already been installed to almost all fifth wheel brands.

Trailer Check is a patented proprietary system of Data Intrans Pty Ltd.

HOW IT WORKS

TRAILER CHECK



1

When a prime mover or terminal tractor is reversed under the trailer it triggers a red warning light and a buzzer commences sounding.

This indicates the Prime Mover ride height matches the trailer skid plate height before proceeding to connect.

2

The red light will commence flashing in the event that the prime mover has come in too low and the king pin is sitting on, or has gone over the front edge of the coupler.

3

When the trailer king pin locates in the jaws of the turntable, a sensor detects that the king pin is in the correct position and at the correct depth.

If the king pin is not located correctly in the jaws of the turntable, the buzzer continues to sound and the red light remains on.

4

The final sequence ensures that the jaws of the coupler are shut and the final locking mechanism is activated correctly.

When all the sequences are accurately completed, the driver will have a green light and the buzzer stops sounding.