

# REAL Torque

November 2018

Contact maintenance for any questions on 0800 80 80 69

## eRoad

**The eRoad recording device is an important part of our business.**

It is used for



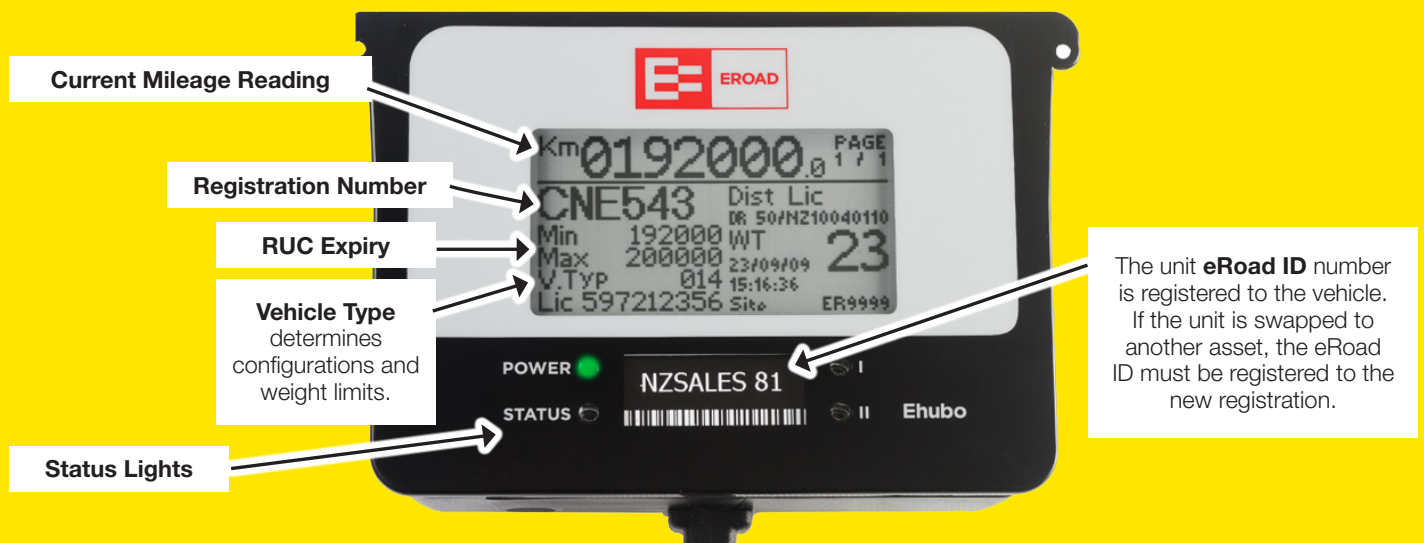
It provides our vehicles' mileage through live application program interface (API) feeds into Optimus, making billing quicker and more accurate. It also records the vehicles' route and location which can be handy if we need to find its location.

### How does the unit work?

The eRoad unit utilises distance measurements, including speed pulses and GPS to track the distance, location, and speed that a vehicle is travelling.

This information is sent back to the eRoad platform (Depot) via the cellular network. The information then provides Depot users with a vast array of reports depending upon the plan and product that has been installed.

### EHubo 1 - The unit will display the following:



### Common faults and things to check:

- **Power Light:** If this is lit up solid green then the system is powered up and good to go. If the power light is flashing green then there is no power from the vehicle power supply.
- **Status Light:** If this is illuminated blue, there is a fault in the system.

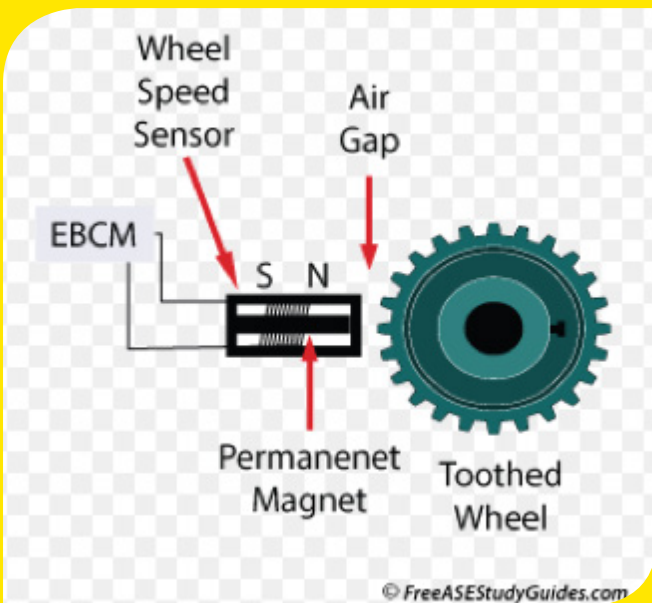
- **All Four Lights:** If all four lights are illuminated orange, this means the system needs calibrating. Generally, driving at a constant speed of 60-70km/hr for 2-3km will recalibrate the system.



For trailers with eRoad, Pin 5 in the standard 7 Pin trailer connector must have a constant power feed to charge the battery in the eRoad unit. A common fault is the power fuse blows or has a bad electric connection eg. from the suzy lead.



If the GPS beacon on the trailer is damaged or faulty, the system will not track the vehicle's position.



The wheel speed sensor and toothed wheel (otherwise known as the pulse wheel) work together to send signals to the eRoad unit. Generally, if a wheel bearing is out of adjustment or the sensor is loose in its mount, a greater air gap is created causing a fault. If this system faults it will default to GPS for speed. Wheel speed is a much more accurate speed pick up. This fault will bring up the blue status light. Please contact your local supplier for inspection.



**Tips and Tricks**

- ▶ Whilst the EHubo is electronic, you still need to check that it is functioning correctly before each trip.
- ▶ Ensure that the unit is not in fault mode, that the RUC is up-to-date, and that there is a display on the screen.
- ▶ If the screen is blank, please call eRoad immediately 0800 437 623.
- ▶ Sometimes units put to sale may have their eRoad put back to a starter pack, this means we lose functions and RUC will not be on auto buy.
- ▶ It is important that trailer units get plugged in to charge the unit's auxiliary battery, particularly on low use or seasonal units.



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