Driver's instructions for Axalert 20/20 Display

Software Version 1.57 onwards (Nov 05)

The axle load indicator is an aid for drivers to help them avoid overloading their vehicles.

Accurate readings can only be taken with the vehicle stationary on flat level ground having pulled forward and braked gently to settle the road springs

On vehicles equipped with air suspension, ensure air is up to pressure.

Lift axles must be in the down position.

1) When the ignition is switched 'ON' the display performs its self checking procedure before showing 'Front and Rear' bar graphs. Under normal use only the 'mode' and 'print' keys are operational.

2) Press Mode key to cycle between 5 screen options,
   a) Front and rear bar graphs, the default setting.
   b) Front weight (digital value) with bar graphs.
   c) Rear weight (digital value) with bar graphs.
   d) Gross weight (digital value) with bar graphs.
   e) Time and date with bar graphs.

3) Front and Rear bar graphs start in the middle of the screen and extend outwards. Increasing bars represent an increasing load up to their legal maximums at the extreme edges.

4) 'NEAR FULL LOAD' will flash repeatedly when loaded to 95% of the Front, or Rear or Gross weights.

5) 'STOP LOADING' will flash repeatedly when loaded to 97.5% of the Front, or Rear or Gross weights.

6) 'GROSS OVERLOAD', 'FRONT OVERLOAD', or 'REAR OVERLOAD' will trigger an audible warning for 2 seconds, and flash repeatedly when loaded to 100% of the Front, or Rear or Gross weights. Part of the load must be taken off below the plated weight to stop flashing and reset, (default = 300kgs).

7) Press Enter / Menu key to enter the sub-menus. It will ask 'Change settings? And request the 'Supervisors PIN' to be entered. The other front panel keys Yes / No / ▲ / ▼ become operational in supervisory mode.

8) Press Print / store key to print a ticket. A ticket lists time, date, Front axle weight, Rear axle weight and Gross weight readings, with a copy held in the display. Over 400 entries are available. 'Memory nearly full' warning will show when 20 entries or less remain. Delete old weight readings by entering the supervisors PIN number to gain access to sub-menu 1.3.

9) Should a fault occur in the system, depending on the nature of the fault, it may be shown on the screen immediately or at next start-up as a warning message. Some warnings may override the normal operating routine and take priority. Should this occur the screen will be locked-out (or 'frozen') from normal operation, and should be reported to Red Forge Ltd on 01527 526112, together with the vehicle's registration number.

10) Press the Y and N keys together to bypass the fault, but the display may no longer be relied upon until repaired. Seek assistance from Red Forge Ltd.

PLEASE NOTE – The Axle Load Indicator is not meant as a certified or approved weighing system – it is meant as an ***indicator*** only, although with regular re-calibration the system will achieve an accuracy of 5% or better. RF No 9001-121 R0

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