

Display configuration

- Enter menu screen >system> pin code >enter pin code
- After pin code is entered and still in system highlight junction box off using the up and down triangle buttons.



- Press ok, then down triangle to turn on.



- Return to main menu using circle button.
- Scroll to configuration>ok
- With config on the screen press ok, this will give option on whether it is 4 cells or cells plus oil sensor.
- If system is oil and cells (LW3) oil sensor should be plugged into f/n/s at junction box/o/s is disabled.



- Config in configuration screen is cell o/l 5m/v
- This is set at 5m/v, which is the threshold at which the system detects a fault on a cell or cable break, this can be edited depending on the vehicle size and body weight to ensure errors aren't logged due to normal operation of vehicle.
- APT O/L 20 m/v is for a transducer O/L point and can also be edited.
- Can master is set as standard unless the display is being used as remote than Can Slave should be used.
- Calibration should be done in usual way.



Diagnostics

- Menu >diagnostics> junction box
- On first screen config 4way will show at top left unless a 3 cell then f/o/s position will be blank.



- 1st screen also shows live m/v readings for all cells.
- Press arrow button to go to 2nd screen, this shows live kg readings.



- Press arrow to 3rd screen, rated o/p (output) shows kg for a 270 load cell. The output for A270 is 5670 full scale deflection.



- Press arrow to 4th screen, rated inc, this shows a % after a calibration has been done to show how close the calibration is to the full-scale deflection.



- Press arrow to 5th screen, Type, show cells or oil.



- Press arrow to 6th screen count, this will show if any cells have gone over the max m/v setting for a period of time (approx. 30 seconds) continuously and how many times, even though a cell could be showing within limit at time of inspection. This will be stored in the log until reset. If a cell unit is still over range a blue LED on the junction box will remain lit continuously while the others will continue to cycle.



Cables

- The system requires a canbus cable or 5 way jumper cable. if there is a signal cable break or a 4 way jumper cable has been used incorrectly, the display will show ----- and in diagnostic screen junction box comms error.
 - Ensure cable is in canbus port on 350 and to ch1 or ch2
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