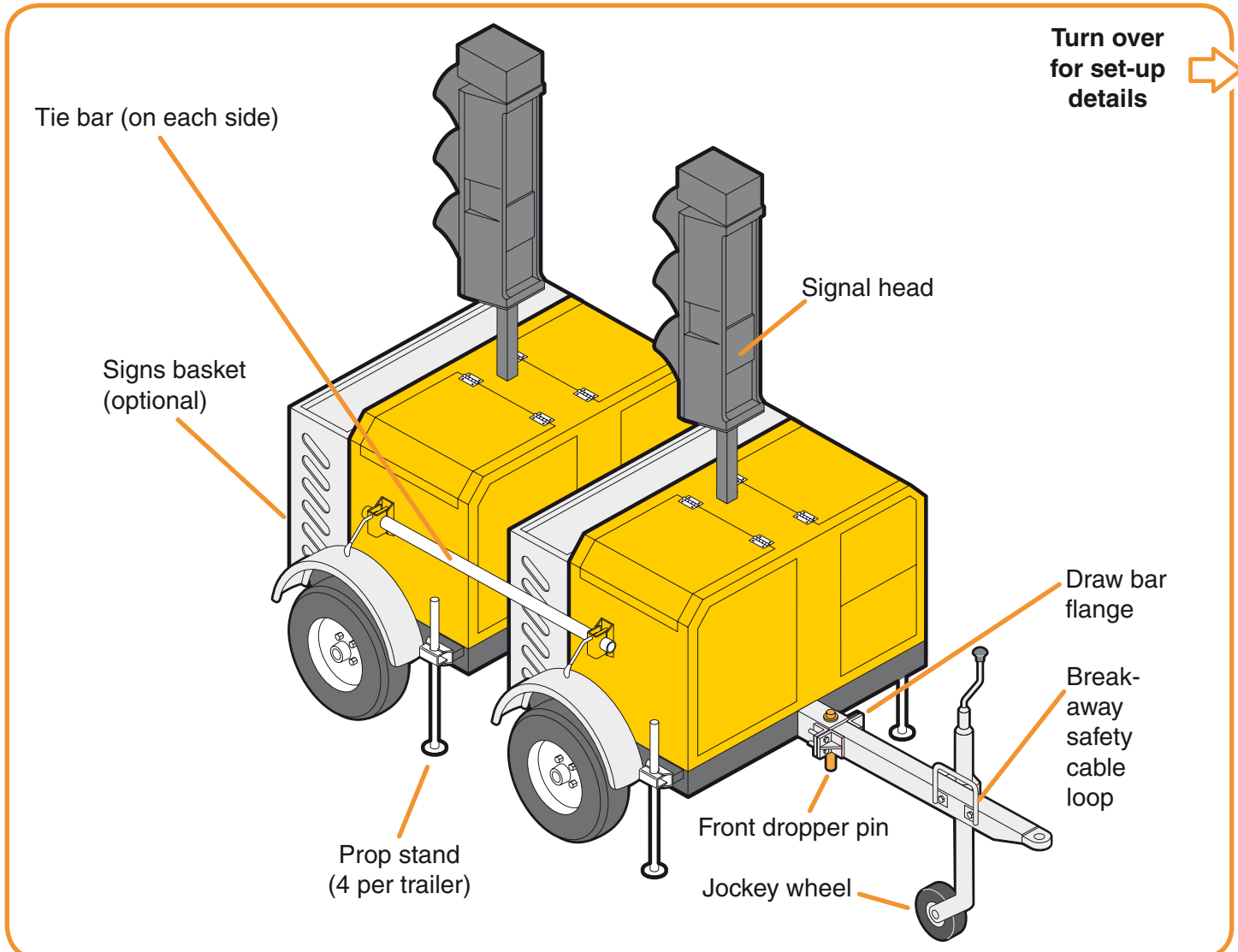


Pike Hybrid Tandem Trailers use a combination of generator, deep cycle batteries and an intelligent control system to maximise signal operation times while significantly reducing the run times of the engine.



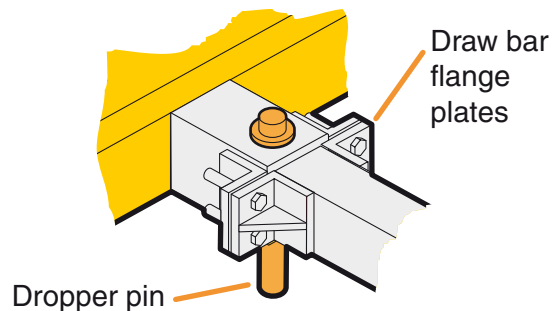
Turn over
for set-up
details

Dropping off the trailers

- 1** Tow the pair of trailers to the first location. *Note: If the ground is not level, take extra care when installing equipment.*
- 2** Lower and secure the four *prop stands* on the rear trailer only.
- 3** If fitted, apply the *parking brake* on the rear trailer only.
- 4** Remove the *tie bars* on each side and store them safely.
- 5** Remove the *front dropper pin* and store it safely.
- 6** Disconnect the lightboard and carefully stow the cable (or remove the board).
- 7** Gently tow the front trailer away to the next location and then repeat steps **2** and **3**.

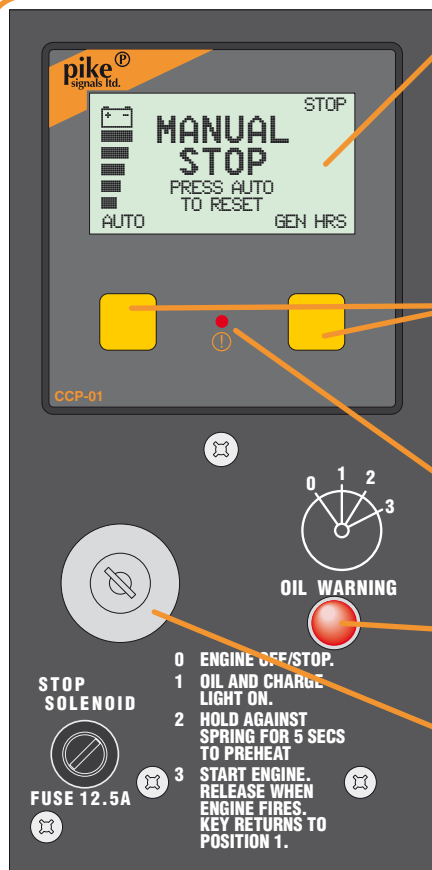
Removing & refitting the draw bars

If the trailers will be left in place for some time, it is advisable to remove the draw bars. This procedure should only be carried out by a suitably qualified operative.



Note: Earlier models use flange plates with two bolts instead of the four shown above.

Pike Signals Ltd reserves the right to change or alter product specifications without prior notice. It is a policy of Pike Signals Ltd to seek Registered Design and/or Patent Protection for its products.



Information screen

Central area shows primary information. Top right corner shows additional information. The lower corners show what will happen if you press either of the yellow soft buttons.

Soft buttons - The current function for each button is listed in the lower left and right corners of the screen.

Fault indicator

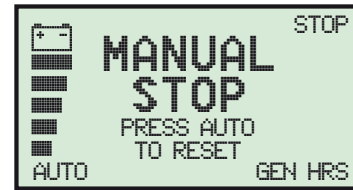
- Lights when an error occurs. A buzzer will also sound.

Oil warning indicator - Lights when the engine oil level is critically low.

Keyswitch - Secondary method to control engine operation. In automatic mode, leave the key at position 0.

Starting operation

1 At rest, the screen will display:



2 Press the AUTO soft button (the yellow button on the left, directly below the AUTO prompt on the display).

The unit will change into automatic mode and the screen will display:



Depending on the charge condition of the battery, the unit will either start the engine immediately or wait until charge falls to a preset level. You do not need to make any further adjustments for normal operation.

For details about how to configure the signals, please refer to the set up sheets and user guides:
 XL 2 Phase - PSL1654 (sheet) or PSL1648 (guide)
 XL Multiphase - PSL1569 (sheet) or PSL1573 (guide)

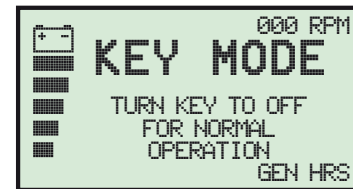
Preparations for towing

Once operation is complete, follow these steps to ensure that the trailers are safe for towing.

- 1 Re-fit any removed draw bars. On the rear trailer, ensure that the dropper pin is in place. If flange plates are fitted to the draw bars, ensure that they are correctly bolted and tightened.
- 2 On the front trailer, lower the jockey wheel and then raise and lock the four prop stands. Release the parking brake, if fitted, and move the trailer to the rear half.
- 3 Back the front half onto the rear drawbar using the jockey wheel for height adjustment. The rear drawbar eye hitch should align with the front drawbar dropper pin hole. Fit the dropper pin and secure.
- 4 On the rear trailer, raise & lock the four prop stands.
- 5 Fit the tie bars to each side of the trailers and ensure they are securely fastened. On the rear trailer, release the parking brake, if fitted.
- 6 Attach to the towing vehicle, ensure that the breakaway safety cable is correctly connected to vehicle tow bar assembly.
- 7 Re-connect the light board and check for correct operation.

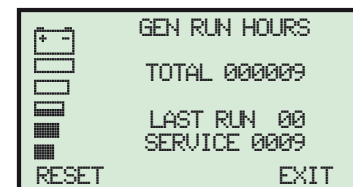
Key mode

If the key is used to override the automatic system, the screen will display this information:



GEN HRS option

In most modes, the right soft button allows you to view the total running time and running hours since last service for the generator engine.



When selected, you can then choose to **RESET** the service timer:

