

Hour Meter Installation Instructions - BlueCool Truck

Tools required:

- 1/4 in. drive, 10 mm deep well socket
- Extension capable of providing at least 10 inches of clearance
- Drill
- Drill bit - one of the following can be used which ever is available 5.5mm, 7/32 in. or 1/4 in.
- 5/16 open end wrench

Removing the Air Distribution Cover:

Remove the six 10 mm nuts that hold the gray air distribution cover to the air distribution mounting plate. Carefully pull the air distribution cover off of its mounting plate while holding the cover by the sides. DO NOT handle the cover by the outlets or the controls.

An electrical harness/ cable will tether the cover to the wall of the vehicle. The cable must be disconnected from the control unit before completely removing the cover for modification. Press on the release tab of the white eight pin connector and carefully separate it from the mating connector.

The cover can now be taken out of the vehicle for modification.

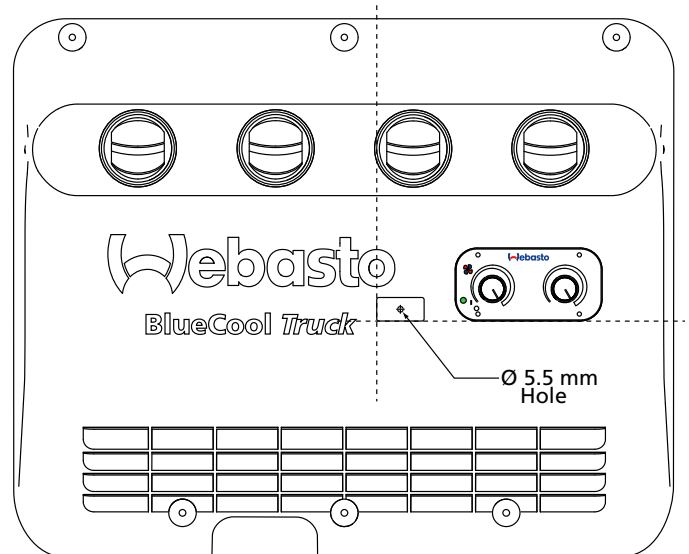
Modifying the Air Distribution Cover:

Using a drill, and the suggested size drill bit, drill a hole in the front of the air distribution cover, at the recommended location as shown. Drill with care as not to nick the fan wires in the back.

Slip the wires and pins of the hour meter through the seal gasket. Ensure that the gasket lip faces out towards the hour meter.

Slip the wires and pins through the hole in the air distribution cover.

Ensure that the hour meter is installed with the top side up. This can be determined by looking on the back panel of the hour meter. The writing will be the right way up. This indicates that the LCD is properly oriented on the cover (See image below).



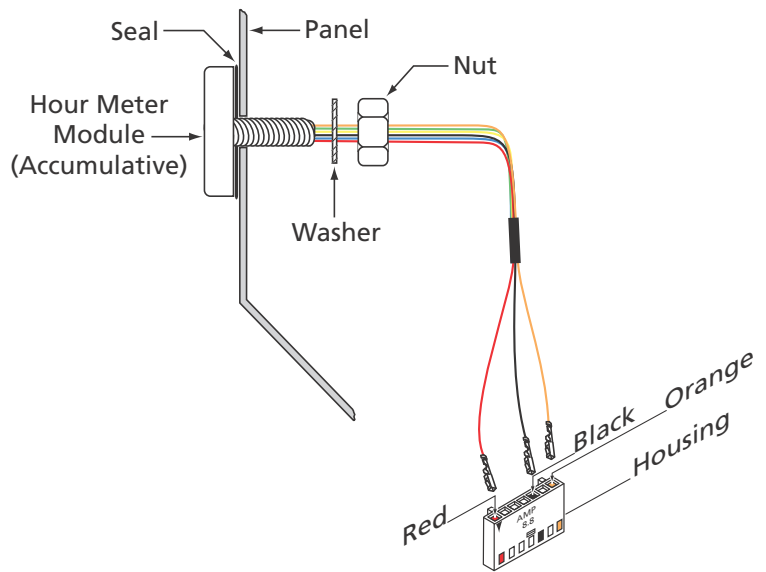
Rear View

Once the wires are through the cover, slip the wires and the pins first through the washer and then through the 5/16 nut. Secure the hour meter to the air distribution cover with the nut hand tight.

Align the hour meter straight in relation to the Webasto logo and the control panel opening.

Using a 5/16 open end wrench tighten the nut 1/2 turn past hand tight. Do not over tighten as this will damage the hour meter.

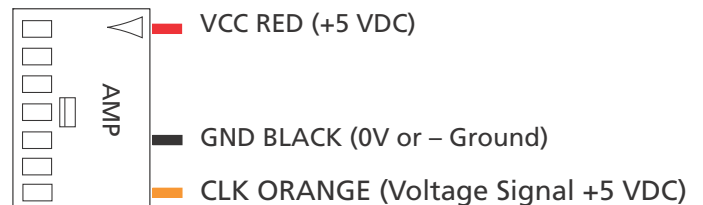
The diagram to the right references the order of assembly.



Electrical connections:

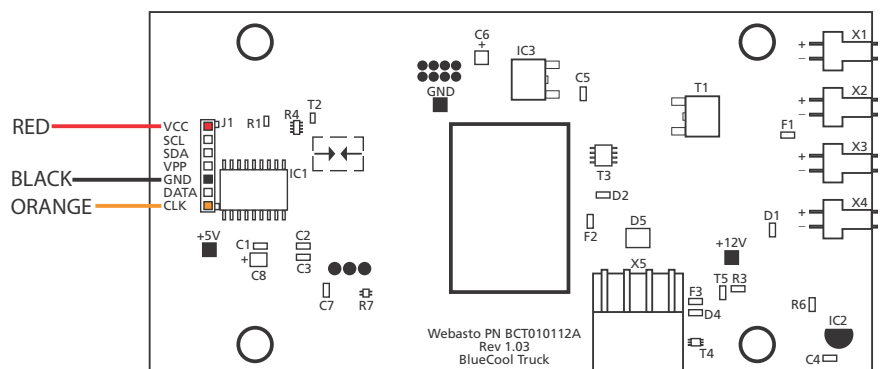
The hour meter has a total of six wires coming out of the back with three of them terminated with pins.

Insert the pins in the connector housing according to color as shown in diagram at right. The lock tabs on the pins must be aligned with the rectangular holes on the connector housing to keep the pins locked in place.



Connect the assembled hour meter harness to the control unit.

Note the orientation point (rectangle) on the connector housing under the red wire of the harness. This must be mated with the pin labeled "VCC" on the controller board as indicated in the diagram at right.



Return the air distribution cover to the sleeper and connect the main control harness. Install cover and check that all controls are operational with engine off and the hour meter is readable.