

23528 Series Auto Shut-Off Controller

23528-1724B suitable for 23870 24V models

23528-0024B suitable for VR050 24V models

23528-1024B suitable for VR100 24V models

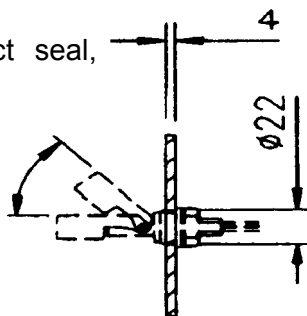
Note : Not suitable for 12V Models

Application

This is designed to prevent tank overfill. When fitted, the pump will stop when the diesel fuel reaches a predetermined level.

Float Switch Fitment

- Determine the maximum fuel level required in the tank.
- At the maximum level, cut a 22mm +0.5/-0.0 diameter hole.
- Remove all burrs from the inside and outside.
- Insert the float switch vertically, allowing free movement above.
- Tighten nut to effect seal, torque 1.7 - 2.0 Nm.

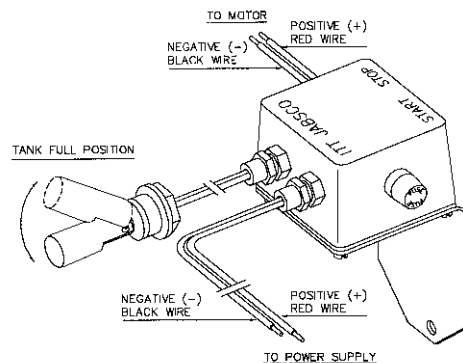


WARNING Explosion hazard. Do not use with gasoline, solvents, thinners or other flammable liquids. To do so can cause an explosion resulting in injury or death.



Electrical Connections

- Connect the black pair of wires from the control box to the float switch (either way around).
- Connect the red and black side entry wires to the red and black motor wires (as shown in the diagram below).
- Connect the red and black wires (next to the float switch wires) to the battery or power supply.



Fuses

- 23528-1724B fit 8 Amp fuse
- 23528-0024B fit 8 Amp fuse
- 23528-1024B fit 16 Amp fuse

WARNING Fire hazard. Wiring must comply with applicable electrical standards and include a properly sized fuse or circuit breaker. Improper wiring can cause a fire resulting in injury or death

Standard Fitment

The following models are fitted with an Auto-shut-off controller as standard:-

- VR050-1113
- VR100-1123

Fixing Unit to Pump

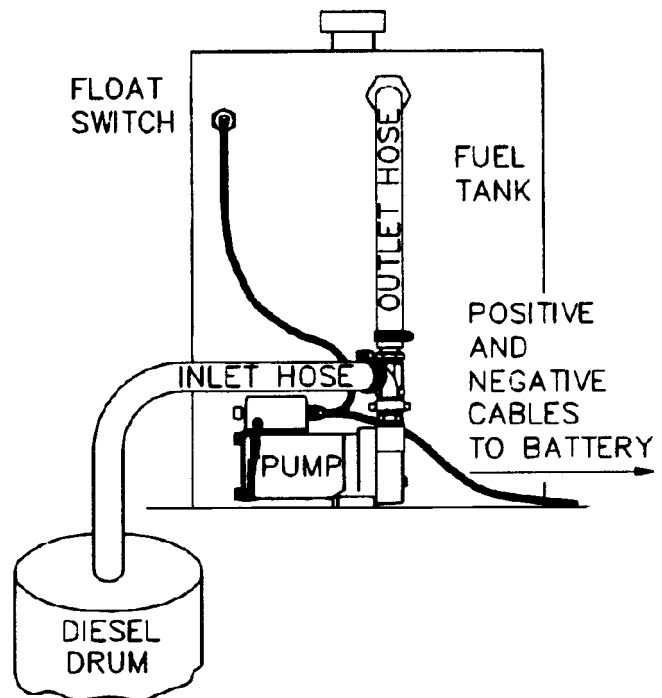
- If there is a standard switch box fitted, this must be removed.
- Units 0024B and 1024B should be attached to the motor with the two hexagon headed screws and washers provided.
- Unit 1724B is fitted to the foot.

Operating Instructions

- Ensure all hose connections are perfectly sealed. Leaks on the suction side can cause foaming of fuel, prolonged dry running, impair priming performance and wear the pump prematurely.
- 1 Insert suction hose into diesel drum (a suction strainer is recommended).
 - 2 Press green start button (provided the tank is not full the pump will run).
 - 3 At any time during the re-fuelling operation or when the drum has emptied, the pump may be stopped by pressing the red button.

- 4 The pump will automatically stop when the tank is full and the float switch is actuated (the pump can not be re-started until fuel from the tank is used).
- 5 Withdraw suction hose from diesel drum and allow to drain (this will prevent spillages and back flush strainer into drum).

Typical Installation

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