



# 20L MULTI-POWERED PORTABLE FUELLING STATION

MODEL NO: JC20FS

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions



Wear eye protection



Wear protective gloves



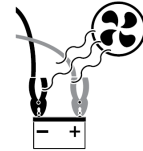
Wear safety footwear



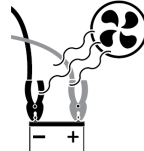
Wear protective clothing



Warning: explosive material



Use in well ventilated areas



Keep away from sources of ignition

## 1. SAFETY

- ✓ Always disconnect the appliance from the supply before assembling, disassembling or cleaning.
- ✓ Appliances can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved.
- ✓ Ensure appropriate safety training is provided to users before operating this machine.
- ✓ Children shall not play with this appliance.
- ✓ Keep children and unauthorised persons away from the working area.
- ✓ Pumps without indication that they are protected against the effect of freezing shall not be left outside during freezing weather conditions.
- ✓ Only use the power supply units provided with the appliance.
- ✓ Non-rechargeable batteries are not to be recharged.
- ✓ Different types of batteries or new and used batteries are not to be mixed.
- ✓ Batteries are to be inserted with the correct polarity.
- ✓ Exhausted batteries are to be removed from the appliance and safely disposed of.
- ✓ If the appliance is to be stored unused for a long period, the batteries should be removed.
- ✓ The supply terminals are not to be short-circuited.
- ✓ Place the tank on a flat surface before filling.
- ✓ Secure the tank to strong points with ratchet straps before transporting in or on a vehicle or storing it.
- ✓ Maintain the pump in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use recommended parts only. Non authorised parts may be dangerous and will invalidate the warranty.
- ✓ Keep the pump clean for best and safest performance.
- ✓ Ensure the power supplies i.e. vehicle battery, correspond with the requirements of the pump.
- ✓ Disconnect from battery or power source when not in use.
- ✓ Wear protective gloves and protective clothing when working around fuel. A full range of personal safety equipment is available from your local Sealey supplier.
- ✓ Make sure suction tube is fully submerged in liquid before turning on.
- ✓ Inspect before every use; **DO NOT** use if parts are loose or damaged.
- ✓ Avoid prolonged breathing of vapours. Exposure to fuel fumes is associated with certain health risks.
- ✓ Remove batteries when not in use.
- ✓ Verify that all connections are tight before use to eliminate leaking.
- ✓ Store and use in a well-ventilated area.
- ✓ Position batteries in proper polarity.
- ✓ Follow all guidelines regarding materials being pumped, including MSDS instructions and national and regional regulations.
- ✓ Keep the fuelling station closed when not in use.
- ✓ Using fuel to start or accelerate a fire is extremely hazardous and can lead to fires and explosions causing serious burns and even death
- ✓ Use outdoors only, Fuel should always be kept in an outdoor structure such as a tool shed, storage barn, or separate, unattached garage.
- ✓ Use as intended only. This station is intended for transferring fuel, diesel, kerosene, DEF, antifreeze, windshield wiper fluid, non-potable water, light oils, and other non-corrosive liquids.
- ✓ When pumping fuel and flammable liquids, be mindful of possible explosions, as flammable fluid fumes and fuel vapours can be explosive hazards.
- ✓ Unit unprotected against the effect of freezing, shall not be left outside during freezing weather conditions.
- ✓ Avoid sparks and use only with adequate ventilation.
- ✓ Turn off the equipment and let it cool before storage.
- ✓ Maintain products and nameplates, as these contain important information.
- ✓ Different types of batteries or new and used batteries are not to be mixed.
- ✓ The supply terminals are not to be short-circuited .
- **WARNING!** Vapours can be ignited by an ignition source many feet away, Keep away from flame, pilot lights, stoves, heaters, electric motors, and other sources of ignition.

- \* **DO NOT** place the tank near any heat source.
- \* **DO NOT** start or stop the pump by connecting or disconnecting the battery clamps.
- \* **DO NOT** allow the unit to get wet.
- \* **DO NOT** operate the pump with wet hands.
- \* **DO NOT** use the pump where explosive or flammable vapours may be present.
- \* **DO NOT** tamper with the pump connections.
- \* **DO NOT** replace the batteries/battery pack when an explosive atmosphere is present.
- \* **DO NOT** siphon by mouth, harmful or fatal if swallowed, If swallowed, **DO NOT** induce vomiting, Call physician immediately.
- \* **DO NOT** store in a vehicle, living space or attached garage.
- \* **DO NOT** smoke when using the fuelling station.
- \* **DO NOT** pump corrosive liquids or drinking water.
- \* **DO NOT** pump waste oil and dirty oil.
- \* **DO NOT** mix old and new batteries.
- \* **DO NOT** mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- \* **DO NOT** use swollen or leaking batteries.
- \* **DO NOT** operate when tired or under the influence of drugs or medication.
- \* **DO NOT** run unit dry.
- \* **DO NOT** transfer fuel while vehicle or the vehicle's heater is ON (may cause a fire).
- \* **DO NOT** leave the pump unattended (may cause oversupply of oil, a fire or any accident).
- \* **DO NOT** alter or disassemble the pump (may cause failure of the product or an accident).
- \* **DO NOT** place the pump in a wet area(may cause failure of the product or an accident).
- \* **DO NOT** use deteriorated or aged fuels (these may cause our product to fail).
- \* **DO NOT** use for drinkable liquids, or with thinners, solvents, hot liquid, Acetone, Benzene,Ethyl , Phenol, Meths , concentrated caustic soda liquid, Nitric acid, Hydrochloric acid, Sulphuric acid, etc.
- \* **DO NOT** shock the pump(may cause a failure or damage of the product).
- \* **DO NOT** run the pump 'dry' or let the pump idle without transferring liquid as this may cause failure of product.
- \* **DO NOT** put the product in a vehicle with all windows closed, direct sunlight area, or next to any heating appliances may cause an accident or transform the product).
- \* **DO NOT** allow children to operate the product without adult supervision.
- \* **DO NOT** use the product on carpet, wood floor or combustible area (may cause a fire).
- \* **DO NOT** damage floor surfaces or carpets by allowing fuel leakage.
- \* **DO NOT** store the pump in an enclosed airtight container.

## 2. INTRODUCTION

Pump and vessel can be used with most chemicals including oils, brake cleaner and AdBlue®, as well as fuels. Supplied with a 12V vehicle accessory socket cable. Can also be run on 4 x AA batteries (not included). ATEX approved. Fuel storage limit of 10L of petrol and 20L of other fuels in approved plastic containers, in accordance with safety regulations.

## 3. SPECIFICATION

Model No.: ..... JC20FS  
 Hose Length:..... 1.3m  
 Tank Capacity: ..... 20 L  
 Pump Max. Flow: ..... 14L/min  
 Operating environment temperature: 41 °F-113°F(5°C-45 °C)  
 Power sources:  
 .....Four (4) AA batteries (not included)  
 ..... Car Auxiliary Power Socket.

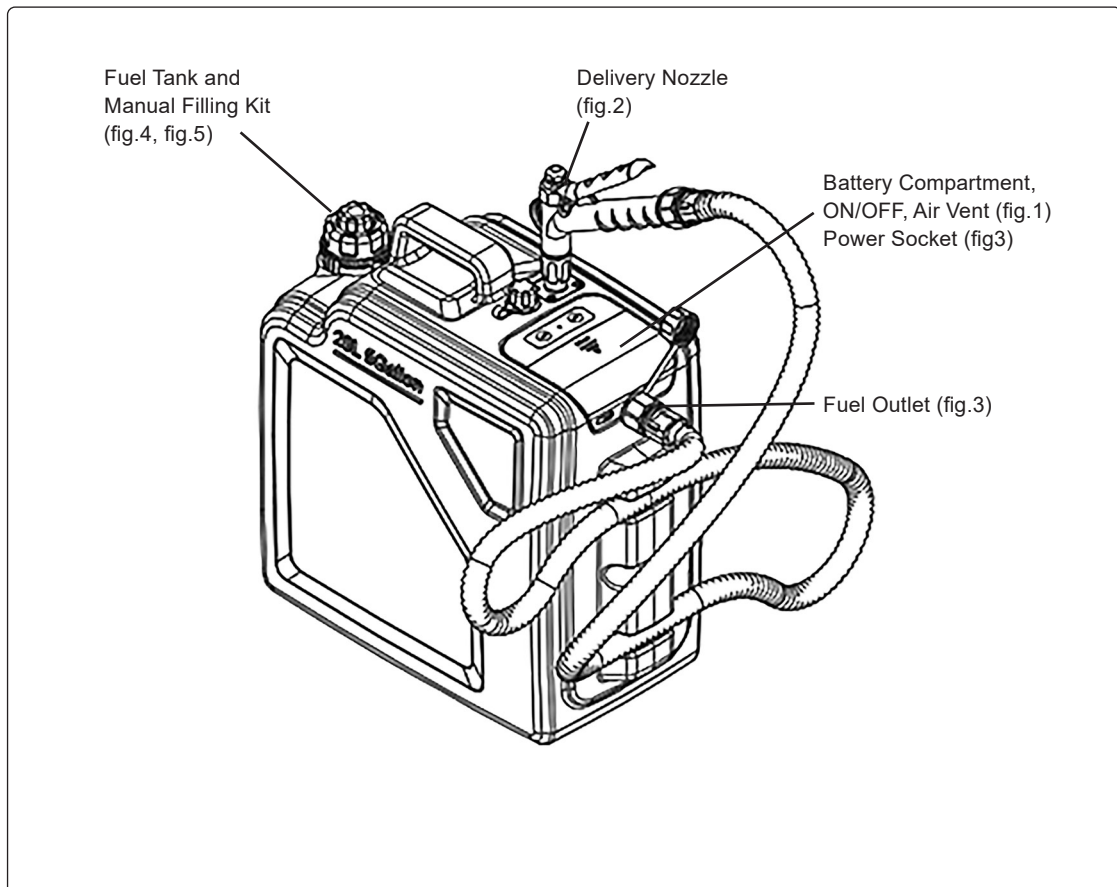
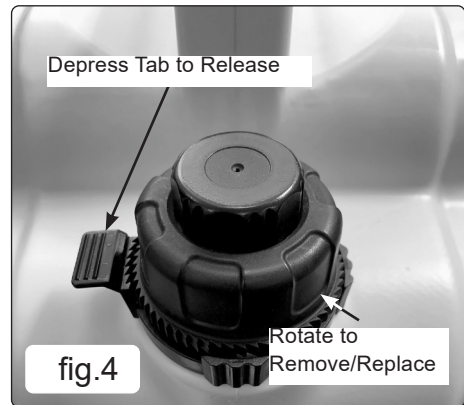
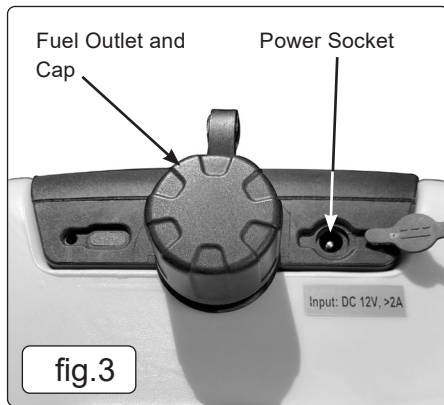
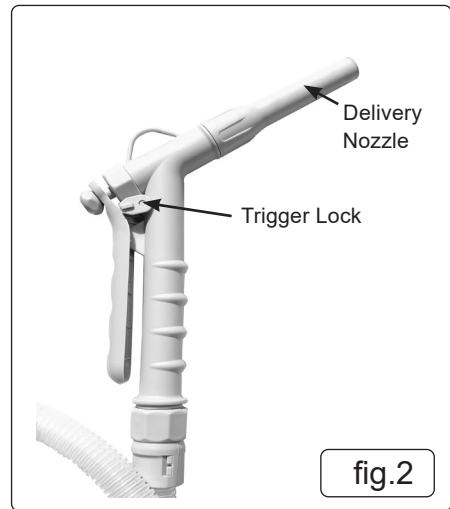
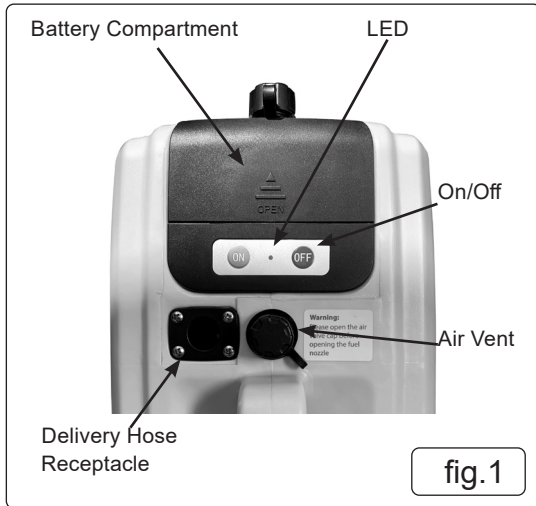
## 4. OPERATION

**NOTE:** Only use the pump on even,firm surfaces. If the tank falls over during use and filling, liquid will leak and may cause a fire or accident.

- WARNING!** Before attaching any power supply, ensure the nozzle (fig.2) is fully engaged in the nozzle seat (fig.1) and that the air vent (fig.1) is closed.
- WARNING!** In all conditions, cut off the power before tank is empty. **DO NOT** run pump dry! **DO NOT** leave unattended when in use.
- WARNING!** Fuel storage limit of 20 litres MAXIMUM of petrol and 20 litres of other fuels in approved plastic containers, in accordance with safety regulations.
- WARNING!** Before cleaning, use or maintenance, check the unit fully for any damage, leakage and flow. Seek professional help if damaged or in doubt of safe operation.

### 4.1. FILLING TANK

- 4.1.1. Ensure no power supply is attached and with the tank arranged on a flat clean surface, remove the Air Vent cap (fig.1).
- 4.1.2. Remove the outlet cap (fig.3) and attach the delivery nozzle hose (fig.2) to the tank ensuring that the rubber seal washer is in place.
- 4.1.3. Remove the fuel inlet port (fig.4) by depressing the child-lock tab to disengage the teeth to allow it to be unscrewed and removed.
- 4.1.4. Withdraw the nozzle, base cap and dust cap (fig.4) to allow full entry of filler hose into the tank.



- 4.1.5. Carefully fill tank with required liquid until the level reaches the 20L (5 gallon) mark on tank side.
- 4.1.6. When full, carefully remove filler hose and wipe dry and clear up any spillage (see Section 5).
- 4.1.7. Refit nozzle, base cap, dust cap, fuel inlet port and Air Vent cap (fig.1, fig.4)

#### 4.2. AA BATTERY POWER SUPPLY

- 4.2.1. Ensure a well ventilated environment. Open the battery compartment (fig.1) and insert the batteries in the correct orientation.
- 4.2.2. Replace all 4 batteries at the same time and only use the same brand/type of batteries.

#### 4.3. WHEN TO REPLACE THE BATTERIES:

- 4.3.1. Motor does not operate, even after pressing ON switch or transfer rate becomes slower than in normal operation.  
**NOTE:** Batteries lose efficiency if stored for a long period of time. Check the expiration dates and change for new ones.

#### 4.4. CAR AUXILIARY POWER SOCKET

- 4.4.1. Ensure a well ventilated environment. Insert DC circular plug of the power cable into the pump power port (fig.3)
- 4.4.2.2. Insert the Car Auxiliary adapter plug into the Car Auxiliary output port.

#### 4.5. OPERATING FUELLING STATION

**NOTE:** Only use the pump on level even, firm surfaces.

- 4.5.1. If a power supply is connected and operative, the centre LED on the control panel is lit.
- 4.5.2. Insert the nozzle into the receiving vessel and open the Air Vent (fig.1).
- 4.5.3. Depress the trigger to commence fluid flow. Carefully monitor fluid flow and fluid levels to avoid failures / spillages.
- 4.5.4. If continuous delivery is required, after depressing the operating trigger, lock the trigger in place by rotating the locking switch in the handle arrangement. Carefully monitor fluid flow and fluid levels to avoid failures / spillages.
- 4.5.5. After required fuel delivery release the trigger or unlock the locking switch and turn the power off to stop the fluid flow.
- 4.5.6. Remove the nozzle from fuelling port and raise it up a little, make sure any residual fuel runs back into the supply tank.
- 4.5.7. Close the Air Vent hole by replacing the cap.
- 4.5.8.4. Clean up the nozzle and hose and prepare for storage (see section 5).
- 4.5.9.

#### 4.6. MANUAL FUELLING (fig.5)

- 4.6.1. Remove cap base from fuel inlet port (fig.4) and withdraw nozzle assembly.
- 4.6.2. Assemble nozzle and seal ensuring the seal is located such that its annular groove sits on nozzle neck to avoid leakage.
- 4.6.3. Place nozzle and seal assembly into the inlet port.
- 4.6.4. Insert dust cap into the cap base.
- 4.6.5. Screw cap base arrangement onto the threaded part of the inlet port.

**NOTE:** Gently tip fuel station a small amount in order to verify a good seal and no leaks between cap and the fuel inlet.

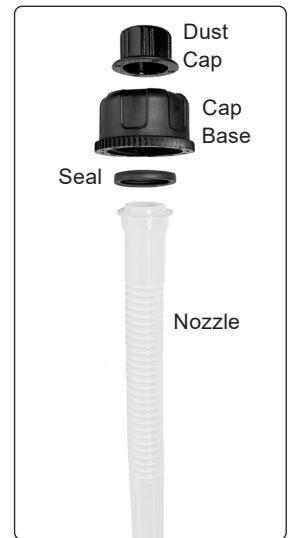


fig.5

## 5. MAINTENANCE

- 5.1. The unit contains no user serviceable parts.
- 5.2. When the pump is not being used for periods of time, take out the batteries at first opportunity.
- 5.3. When the fuel station is not being used for long periods of time, empty the fuel station.
- 5.4. Repairs should only be undertaken by competent persons.
- 5.5. Check the integrity of all the hose connections periodically. If any leakage is evident, replace only with original parts.
- 5.6. Check all electrical connections and cables for wear and damage. Rectify any faults found.
- 5.7. Keep clean, especially the dispenser nozzle.
- 5.8. Clean with a damp, soapy cloth and rinse tank and hose arrangements with clean, warm water.
  - \* **DO NOT** use abrasive or solvent cleaners on any parts of the unit.
- 5.8.1. Inset the nozzle to the nozzle seat on the fuelling station and push the flexible hose into the mounting slots on the front face of the container.
- 5.8.2. Alternatively, disassemble the hose and nozzle and close the outlet port on the tank (fig.3).
- 5.8.3. Package the fuelling station and move it the fuelling station to a safe space.
  - \* **DO NOT** store the pump in an enclosed airtight container.

## 6. END OF LIFE

- 6.1. Dispose of all elements in accordance with local, regional and national requirements.

## 7. TROUBLESHOOTING

Symptom	Possible causes	Solution
Pump does not work even after pressing ON	A: Batteries may be incorrectly placed. B: Batteries are depleted. C: The output of the power adaptor is lower than 12V/2A . D: The fuel is not enough in the tank. E: The air vent is closed.	A: Ensure the batteries are placed in the pump correctly. B: Replace the batteries. C: Use a right power adaptor, the output is 12V/2A at least. D: Make sure enough fuel in the fuelling station. E: Open the air vent.
Pump performance is low	A: Batteries are depleted. B: Elevation of receiving tank is higher than supplying tank. C: The air vent is close	A: Replace the batteries . B: Make sure that the receiving tank is not elevated above the Supplying tank. C: Open the air vent.
Pump starts after pressing ON button but then stops unexpectedly	Filter of receiving tank may be blocked	Clean the filter of receiving tank
Pump immediately stops after pressing the ON button	Batteries are depleted	Replace the batteries
Motor stops before receptacle tank is full	A: Batteries are depleted. B: The DC input power supply is insufficient	A: Replace the batteries B: Make sure the DC input is fully powered
Pump works but no fuel is transferred after pressing the ON button	A: The impeller is stuck or blocked by impurities B: The air vent is close	A: Remove the pump and clean out the impurities. B: Open the air vent.
Leakage	The Sealing parts are missing or worn.	Check the sealing of inlet-port, outlet port, air vent and ensure leakage stops.

Parts support is available for this product. Please email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or telephone 01284 757500



### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



### WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.



### BATTERY REMOVAL

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd Batteries Producer Registration Number (BPRN) is BPRN00705.



REGISTER YOUR PURCHASE HERE

**Note:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**Important:** No Liability is accepted for incorrect use of this product.

**Warranty:** Guarantee is 12 months from purchase date, proof of which is required for any claim.

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