



Model: GG-30DC 30-Gallon Diesel Cart

Operator's Manual



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GG-30DC-UL-MAN

REV 12/18

INSTRUCTIONS PERTAINING TO THE RISK OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.



READ THIS MANUAL CAREFULLY BEFORE INSTALLING, OPERATING OR SERVICING THIS EQUIPMENT

It is the responsibility of the employer to place this information in the hands of the operator. Keep for future reference.



DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

1. Diesel and other fuels are extremely flammable. Keep away from heat sparks and open flames as an explosion will result in severe personal injury.
2. Diesel vapors can explode. Harmful or fatal if swallowed. Avoid breathing fuel vapors.
3. Attach ground wire and bond containers or equipment that are being pumped from and into to neutralize the potential charge between them
4. Ground all containers for extra safety by connecting the containers to a metal pipe or rod that is buried underground.
5. This product is an atmospheric tank. **DO NOT** modify this tank or its components. All components and design features have been tested and approved for use for handling flammable fuels.
6. **DO NOT** use funnels when transferring fuel through the fill tube.
7. Avoid excess agitation, shaking, splashing or high-flow rates as these can increase the risks of static charge build up.
8. **DO NOT** use electronics or mobile communication devices such as mobile phones while dispensing or handling fuel.
9. **DO NOT** smoke near or while using this diesel caddy.
10. This product is intended for fuel transfer only and is **NOT** to be used to transport fuel in any vehicle or trailer.



WARNING

Indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.

1. Obtain Material Safety Data Sheets on fuels being handled. Always wear required proper personal protection equipment and clothing.
2. **DO NOT** tip or operate on incline surfaces.
3. Keep both hands on the handles when maneuvering to maintain control.
4. When using this product precautions should always be followed, including the following:
 - a. Read all instructions before using this product.
 - b. To reduce the risk of injury, close supervision is necessary.
 - c. Keep out of reach of children.
 - d. **DO NOT** put fingers or hands into openings or into the pump.
6. Ensure that all fittings and threaded hose and pipe connections are tightened and leak free.



CAUTION

Indicates a potentially hazardous situation which if not, avoided, may result in minor or moderate personal injury. It may also warn of unsafe practices.

1. Be certain all operators of the equipment have been trained for safe working practices and understand its limitations.
2. Use Caddy for "one type of fuel ONLY" to avoid possible damage to vehicle.
3. Use care when maneuvering to prevent injury or loss of control. Seek assistance to avoid strain or injury when required.
4. Not for prolonged storage of fuel.
5. Monitor flow rate and fill levels to prevent overflows and spills. **DO NOT** overfill containers, drums or tanks.
6. Always empty the pump and hose after use by lifting the hose and turning the handle in the opposite direction of the arrow to empty all remaining liquids back into the caddy.

Product Specifications:

Tank:		Rotary Pump:	
Type:	Steel, portable	Type:	Rotary vane positive displacement, UL listed
Maximum capacity:	30 gallons (114 liters)	Weight:	13 lb (5.9 kg)
		Output per turn:	0.074 gal (0.28L)
		Output rate:	7.4 gpm (28 Lpm) @ 100 rpm

TOOLS REQUIRE:

- 4mm Hex Wrench
- 5mm Hex Wrench
- Adjustable Wrench
- Phillips Screwdriver
- PTFE Tape (Included)

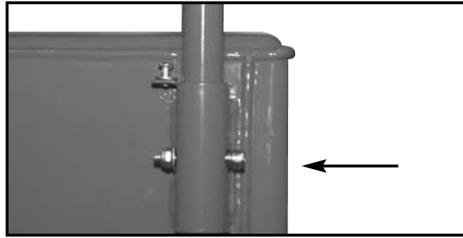


Fig 1

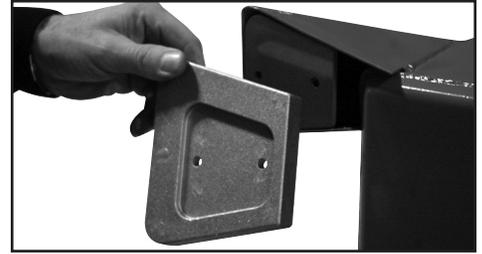


Fig 2a

ASSEMBLY PROCEDURES:

1. Remove the diesel caddy tank, pump, handle, and accessory kit from the carton.
2. Remove nylon insert nut, washers, and shoulder bolts from tank. Assemble handle and reinstall hardware to tank. The shoulder bolt head must be on the outside of the handle to properly secure the handle. Tighten securely using 5mm hex wrench and adjustable wrench. **(See Fig. 1)**
3. Tilt caddy onto its back (handle down) to install the front foot pads. Note the pads are the same for the left and right foot. **(See Fig. 2a)**
4. Place on pad on each foot, flipping as required to match the foot bracket. Install the (2) M6 x 25 mm bolts and tighten with 4mm hex wrench. **(See Fig. 2b)**
5. Remove ground screw from tank. Assemble green ground wire to tank by placing the screw through the connector and threading the screw into the ground tab on tank. Make certain connection is securely tightened. **(See Fig. 3)**
6. Remove all plastic caps from tank and pump. Wrap 3/4" pipe threads with PTFE tape provided. **(See Fig. 4)**
7. Install pump on tank with handle facing to outside of tank. (Side mark "IN" onto 3/4" pipe.) **(See Fig. 5)**
8. Wrap 3/4" fitting on hose with PTFE tampe and thread onto pump. Tighten with wrench. **(See Fig. 6)**
9. Wrap fill tube 2" thread with PTFE tape and thread onto pump. Tighten by hand until secure Install fill cap. **(See Fig. 7)**
10. Install plastic dome, plastic nut, and rubber washer onto fuel level gauge. **DO NOT OVER TIGHTEN.** If fuel gauge rotates during assembly then reposition so that the float is free to travel. Verify the correct position by moving the indicator disk attached to the fuel gauge up and down. **(See Fig. 8)**
11. If desired, mount identification label (Unleaded, Diesel, Diesel, Kerosene or Transmission Fluid) on the front of the diesel caddy.

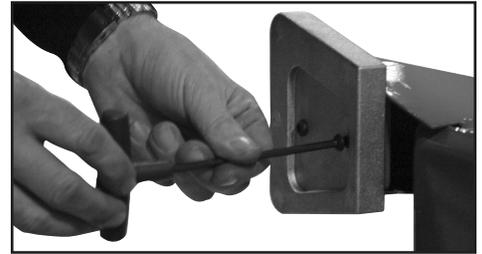


Fig 2b



Fig 3



Fig 4

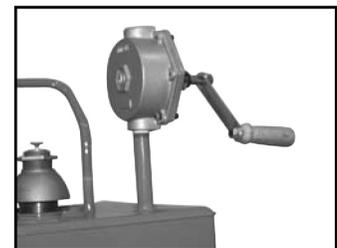


Fig 5



Fig 6



Fig 7



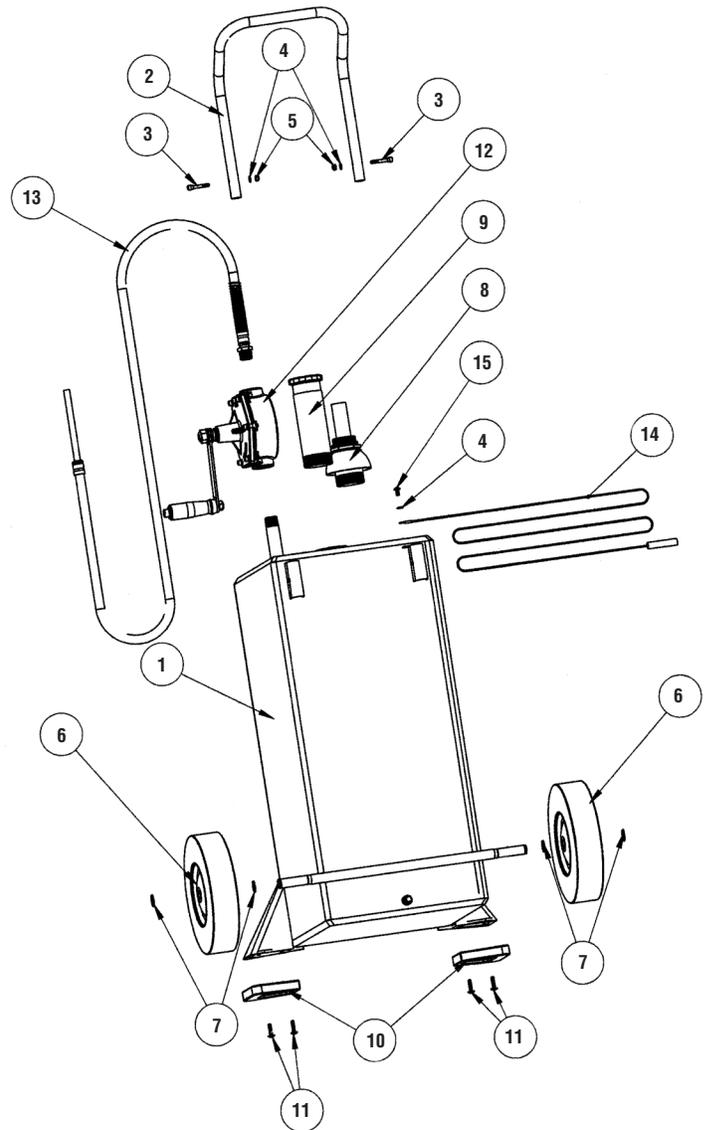
Fig 8

OPERATION:

1. Attach the green ground wire clamp to a known ground on the vehicle being serviced.
2. Place the suction/drain hose in the vehicle.
3. Rotate the pump handle briskly to obtain initial prime.
4. Rotate the handle clockwise (as shown by the arrow on the pump) to draw from the diesel caddy , rotate counter-clockwise for suction.
5. The diesel caddy may also be filled by removing the fill cap and filling through the fill tube. DO NOT OVERFILL. Fuel level must be below the flame arrestor screen under the fill tube.

REPLACEMENT PARTS:

Item	Description	Qty	Part No.
1	Tank	1	-
2	Handle	1	Included w/30GC-HRK
3	M6 Shoulder Bolt	2	Included w/30GC-HRK
4	Flat Washer	3	-
5	M6 Nylon Insert Nut	2	Included w/30GC-HRK
6	Wheel	2	Included w/30GC-WRK-UL
7	19mm Retaining Ring	4	Included w/30GC-WRK-UL
8	Fuel Gauge Assembly with Vent	1	30GC-08
9	Fill Tube with Cap	1	30GC-09
10	Front Foot Pad	2	Included w/30GC-FPK
11	M6 x 25 Phillips Head Screw	4	Included w/30GC-FPK
12	Rotary Hand Pump - UL Listed	1	JDI-35
13	Hose Assembly	1	80-593-NI
14	Ground Wire	1	80-573
15	M6 x 12 Phillips Head Screw	1	-



AVAILABLE REPLACEMENT KITS:

Item	Description
30GC-HRK	Handle Replacement Kit
30GC-WRK-UL	Wheel Replacement Kit
30GC-FPR	Front Pad Replacement Kit