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Safety Rules

Congratulations on purchasing the automatic water feed system. Your Green Gorilla tank is equipped with a patented Quick-Connect fitting that allows the PowerPack to easily attach to the tank, completely automating the pressurization process allowing for hands free operation.

The instructions and maintenance tips provided in this owner's guide will assist you in the care of your Green gorilla tank. Be sure to read all warnings and follow all instructions before using the sprayer.

Warning and Cautionary Statements

- ▲Warning: Never charge the PowerPack in temperatures below 32° F or above 110° F. This can result in battery damage and/or fire.
- ▲Warning: It is imperative that the original charger for the Green Gorilla system is used as different chargers may not have the built in protection necessary to ensure a safe charging condition.
- ▲Warning: Do not pressurize the tank with anything other than genuine Green Gorilla parts and accessories.
- ▲Warning: Do not use mechanical devices to pressurize tank other than recommended Green Gorilla Power Packs and accessories.
- ▲Warning: Do not stand over tank while tank is pressurized. Securely tighten hand pump as instructed; a loose pump could be forcibly ejected.
- ▲Warning: Do not alter or plug Quick-Connect valve, sprayer could explode. This is a safety device.
Caution: Do not fill tank above listed operating capacity.
Caution: Do not pressurize sprayer until ready to use or leave pressurized sprayer unattended.
Caution: Do not lift or carry sprayer by hose.
Caution: Do not store outdoors or leave PowerPack in the rain. PowerPack is water resistant but not water proof.
- ▲Warning: Do not charge the PowerPack in the rain or damp location. Charge in warm, dry location only.

System Compatibility

IMPORTANT! This system includes 15 ft of clear hose and quick hose connector that is compatible with most saws and equipment. Follow all manufacturers' recommendations for proper attachment to your equipment and equipment usage.

PowerPack Components

Carefully unpack the tank, PowerPack, and all loose items from the carton and assemble as outlined in this guide.



fig. 1

Hose Connection

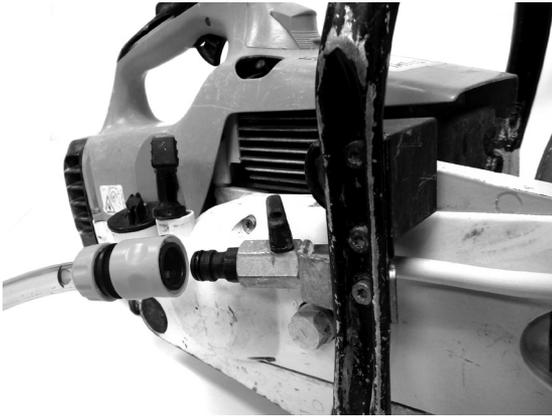


fig. 4

At the end of the hose is a connector standard for fluid delivery systems. Press it over your equipment's water delivery port until you hear the click of the connection engaging.

To remove, draw back on the body of the connector to release the lock.

PowerPack Operation

PowerPack Attachment / Removal

- 5a. Line up the Power Pack's Easy-Twist Quick-Connect post to the Easy-Twist Quick-Connect valve on your spray tank.
- 5b. Take care to line up the red-capped pin on the Power Pack with the slot in the Easy-Twist Quick-Connect valve.
- 5c. Press the Power Pack into the Easy-Twist Quick-Connect valve until it stops.
- 5d. Gently twist the Power Pack clockwise 30° to slide the red capped pin to the end of the viewing slot and then release to allow the Power Pack to spring forward slightly and lock into place.

NOTE: DO NOT force the red-capped pin past the viewing slot.

NOTE: If a secure strap is included, be sure to fasten it as per instructions.

- 5e. To disconnect the Power Pack, simply reverse the directions above.



fig. 5a



fig. 5b



fig. 5c



fig. 5d

PowerPack Charging

This unit is equipped with the latest in lithium ion power technology. Ensure that you are only using the Green Gorilla 110Vac charger that came with this unit. The charger has been matched to the solid state electronics within the PowerPack itself to ensure safe and reliable charging.

IMPORTANT! A safety interlock system incorporated into this system will not allow the PowerPack to operate when the charger plug is engaged.

The wall charger is equipped with an indicator light that indicates when your system is fully charged. The indicator light (as shown in Figure 11) is red during charging periods and turns green when the lithium ion cells are fully charged. The following steps should be used when charging your PowerPack.

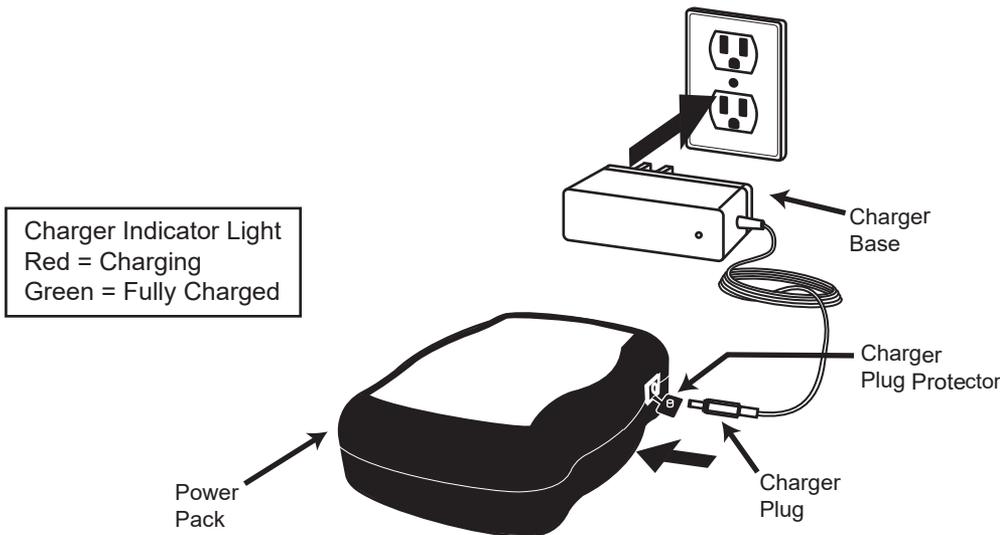


fig. 6

1. Insert the Green Gorilla standard wall charger into a 110 Vac wall outlet.
2. Locate the charging port cover on your PowerPack. The charging port cover is located on the right side of the PowerPack as shown in Figure 6.
3. The charging port is protected by a flip open cover. Gently pull up on the tab to expose the charging port.
4. Firmly insert the wall charger plug into the port.
5. The wall charger indicator light will turn green when the lithium ion cells are fully charged. Charge time is approximately 3-5 hrs.
6. After fully charging, remove the charger plug from the PowerPack charging port and push the protective cover back into place.

Tank Operation

Prior to first use, it is highly recommended that an initial rinsing of the tank be performed. This is to ensure that any debris resulting from manufacturing has been removed prior to running liquid through the wand. This will minimize potential clogging.

Filling

Prior to filling, disconnect the PowerPack, to reduce solution spills onto the unit (see page 7, PowerPack Removal).

Fill tank to desired level (careful not exceed the maximum working volume of your tank).

Assemble the manual pump and handle onto the top of the tank by engaging threads and rotate clockwise until the o-ring seal [under-side of cap] is fully seated (figure 16).

Lock handle in place by rotating the pump handle 90 degrees clockwise until a positive click is felt.

IMPORTANT! Do not carry the tank by the handle until the handle is in the locked position. Damage may occur.

Seat the pressure relief valve by depressing the red pin on the Quick Connect Adaptor 2-3 times as shown in figure 17. Completion of this step is to ensure seating of the internal seals.

Attach PowerPack (see page 7, PowerPack Attachment).



fig. 7



fig. 8

Pressure Relief System

The Green Gorilla automatic water feed system is equipped with a patented Quick Connect Adaptor, see figure 2. In addition to the quick connect functionality, the Quick Connect Adaptor serves as both a manual and automatic pressure relief system.

During operation of the system, if the pressure in the tank exceeds the system design pressure the pressure relief valve will automatically open and depressurize the system to the system design pressure. The pressure relief valve will reset automatically when the tank pressure is returned to the system design pressure. This functionality works with or without a PowerPack attached to the Quick Connect Adaptor. This is a safety feature of the Green Gorilla system and should not be altered or disabled.

At any time, you may manually release the tank's pressure by depressing the red pin in the center of the Quick Connect Adaptor. (Figure 18) Always keep your face clear of the Quick Connect Adaptor when releasing pressure.

IMPORTANT! Prior to removing the manual pump cap, release the pressure manually at the Quick Connect Adaptor (depress red pin). Releasing pressure by this method allows for easier removal of the manual pump cap.



fig. 9

Cleaning and Maintenance

1. If tank is pressurized, RELEASE AIR PRESSURE by depressing the red pin in the Quick Connect Adaptor. (Figure 18) Push red pin in firmly and hold to allow all pressure to escape.
2. Loosen manual pump slowly (figure 16) and remove by rotating in the counter-clockwise direction. (You may need to push down on the handle slightly to unlock it.) Properly store any remaining spray solution per the manufacturer's recommendation. Triple rinse all parts thoroughly with clean water.
3. Drain the hose of remaining water and coil it to avoid kinks and crushing.
4. Always store tank and empty and with the manual pump loose.
5. If Quick Connect Adaptor pressure relief valve (figure 18) is dirty, clean with fresh water.

IMPORTANT! Do not store tank under pressure for extended periods.

LIMITED WARRANTY

(USA & Canada Only)

ForeFront Product Design LLC warrants its automatic water feed system for a period of one year from the date of original purchase. We will repair or replace at our option, any part or parts of the product and accessories covered under this warranty which examination proves to be defective in workmanship or material during the warranty period.

For repair or replacement return the complete system or accessory, transportation prepaid, to ForeFront Product Design LLC, 568 Braddock Ave, East Pittsburgh, PA 15112, USA, or to an alternate address provided by customer support.

Proof of purchase may be required. This warranty does not apply to repair or replacement required due to misuse, abuse, normal wear and tear or repairs attempted or made by other than our Service Center.

Under no circumstances will ForeFront Product Design LLC be liable for incidental or consequential damages resulting from defective products.

This warranty is ForeFront Product Design's sole warranty and sets forth the customer's exclusive remedy, with respect to defective products; all other warranties, expressed or implied, whether of merchantability, fitness for purpose, or otherwise, are expressly disclaimed by ForeFront Product Design, LLC.



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