



To obtain a full manual, including your warranty terms, scan the code or text the number on the Learn More label on the machine, or visit <https://www.simpsoncleaning.com> or contact Customer Support at 1-877-362-4271 or email: cservice@fna-group.com



SCAN QR CODE OR TEXT
MODEL #
TO 1 (888) 123-
PART #

Notes:

1. This quick start guide is not a replacement for the owner's manual. Be sure to download and read the owners manual before operating the machine for the first time.
2. Read all the information in the safety section of this document and all related user manuals before operating the machine.
3. Perform the procedures outlined in this quick start guide before operating the machine.

Contact Us:

If you have any questions regarding the unpacking, assembly, or use of your chemical pump, please have your model number and serial number ready, then contact customer support at **1-877-362-4271** or email cservice@fna-group.com.

Disclaimers:

- All information in this guide was based on the latest product information available at the time of its printing.
- This guide may cover more than one machine. The drawings in this guide should be used for reference only. There may be differences between your product and the pictures, drawings, and / or diagrams used in this guide.
- In a continued commitment to improve quality, The manufacturer reserves the right to update, change, and / or improve the product(s) covered in this guide at any time, without notice, and without incurring any obligation. Therefore, the product(s) this guide covers may differ slightly those pictured.

Safety: **NOTE:** Be sure to read understand the safety information listed below. Each box contains one of three words: WARNING, CAUTION, or NOTICE each of these words indicates a different level of hazard severity and is followed by information about specific hazards, the consequences of the hazards, and instructions on how to avoid the hazards. Failure to heed these symbols and the information provided with them could result in property damage, injury, and/or death.

⚠ WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in property damage, serious injury, and/ or death.

⚠ CAUTION: Indicates a hazardous situation, which if not avoided, could result in property damage and/or minor to moderate injury.

NOTICE Indicates information considered important but not directly hazard related.

⚠ WARNING: OPERATION CHECKLIST
Attempting to start the engine incorrectly or using the chemical pump incorrectly can result in engine and/or pump damage, and may cause serious injury or death. To avoid these hazards, be sure to read, understand, and follow the steps outlined in the OPERATING CHECKLIST section of the owner's manual before starting the engine, and follow all the guidelines for proper use of the chemical pump.

⚠ WARNING: KNOW WHAT YOU ARE PUMPING
The chemical pump was designed for everyday pumping of irrigation water, outdoor standing water (clean, not dirty) and general agricultural/farming pumping of liquid fertilizers, herbicides and pesticides that have a PH range of 4 to 11. NEVER use the chemical pump with flammable liquids or corrosive chemicals. DO NOT USE the chemical pump to convey fluids intended for human consumption.

⚠ WARNING: CHEMICAL USAGE
Before using the chemical pump with any chemical substance, understand all requirements for the safe usage, storage and cleanup of the chemical. Always have material safety data sheets (MSDS) on hand for the chemical in case of accident. Know who to contact in case of spills. NEVER allow children, pets or livestock to be in the immediate area of the chemical pump usage with chemicals.

⚠ WARNING: UNTRAINED OPERATION
Untrained persons, young children, and pets can be seriously injured or killed if allowed to incorrectly operate or play with a running chemical pump. To avoid these hazards, be sure anyone operating the chemical pump receives proper instructions, understands safe operation, and has read the owner's manual before operating this product. Keep young children, pets and livestock away from the chemical pump while it is running. Always turn off the chemical pump before leaving the area.

⚠ WARNING: MOVING PARTS
This product has many parts that move at high speeds. Moving parts can cause crushing injuries, broken bones, severe lacerations, and/or traumatic amputations. To prevent injury, never place fingers, hands, feet, or other body parts near running engine. Never operate product with covers, shrouds, or other guards removed. Do not wear loose-fitting clothing, dangling drawstrings, or any other hanging items that could become entangled in moving parts while operating. Tie up long hair and remove jewelry before operating.

⚠ WARNING: INSPECT
Failure to inspect this product and before use could result in product damage, serious injury, and/or death. To avoid these hazards, inspect the chemical pump before each use. Check for loose or damaged parts, signs of oil or fuel leaks, missing guards, plugged cooling vents, or any other condition that may affect proper operation. Repair or replace all damaged or defective parts and keep all safety guards in place and in proper working order before using the chemical pump.

⚠ WARNING: TRANSPORTATION
Transporting the chemical pump in an enclosed space on a transport vehicle where temperatures can rise may cause fuel to vaporize and leak. Gasoline is highly flammable and gasoline vapors are extremely explosive. Fire and explosions can cause severe burns and/or death. To avoid these hazards, secure the chemical pump in a well ventilated area out of direct sunlight and other heat sources and do not transport the chemical pump on rough roads unless the fuel has been drained beforehand.

⚠ WARNING: REFUELING
Gasoline is highly flammable and gasoline vapors are extremely explosive. Fire and explosions can cause severe burns and/or death. Keep gasoline away from flames, sparks, and other ignition sources. Refuel outdoors in a well-ventilated area with the engine stopped and cool. Wipe up any spilled gasoline and allow engine to dry before starting. Keep a fire extinguisher handy while refueling. Do not operate engine with leaks in the fuel system. Do not store gasoline near other flammable materials.

⚠ WARNING: TOXIC FUMES
Engine exhaust contains carbon monoxide, an odorless, colorless, poisonous gas. Running an engine indoors will kill you in minutes. Never use this product inside a house, garage, or any other kind of enclosure even if doors and windows are open. Run engine outside at least 20 feet (6 meters) away from windows, doors, and vents. Carefully consider wind direction and air currents when using this product outside to avoid breathing in engine exhaust. Always use a carbon monoxide detector in any occupied buildings near the running engine.

⚠ WARNING: RAPID RETRACTION

Rapid retraction (also known as kickback) of the engine recoil starter cord will pull your hand and arm towards the engine faster than you can let go of the handle resulting in sprains, broken bones, lacerations, and/or traumatic amputations. Kickback is caused by damage to the engine crankshaft key, compression release failure, and/or improper starting techniques. To avoid kickback follow the appropriate maintenance schedule and starting instructions listed in the owner's manual and have engine repair work done by an authorized service center.

⚠ CAUTION: HOT SURFACES

A running engine produces heat. The surfaces of the engine, other related components, and engine exhaust gas get hot enough to cause mild moderate burns or ignite materials on contact. To avoid burns, do not touch engine surfaces or exhaust gases while operating and allow engine to cool completely before moving, touching, or performing any maintenance. To avoid a fire, keep all flammable materials at least five feet away from all sides of the product.

⚠ CAUTION: HOT OIL

Hot oil can cause serious burns. To prevent getting burned when changing or checking the engine oil, use gloves to prevent hot oil from touching skin and change oil when the engine is warm but not hot.

⚠ CAUTION: FUEL TANK PRESSURE

Gasoline vapor can build up inside the fuel tank creating pressure. This pressure may increase when the engine is hot from running. Opening the fuel tank under pressure can cause rapid escape of flammable vapors and possible fuel spills that may ignite from contact with hot engine surfaces resulting in burn hazard. To avoid these hazards, always allow the engine to cool for at least 2 minutes before removing fuel cap and loosen the fuel cap slowly to relieve any pressure in the tank.

NOTICE GASOLINE ADDITIVES

The use of fuel system cleaning additives can damage the engine and fuel systems. Damage caused by the use of fuel system cleaning additives is not covered by warranty. To avoid engine and fuel system damage, do not use any fuel system cleaning additives.

NOTICE LOW OIL SENSOR

The low oil sensor (if equipped) will automatically stop the engine when the oil level falls below the safe limit. To avoid an unexpected shutdown, check the oil level regularly, fill to the upper limit, and always operate engine on a level surface.

NOTICE FILL ENGINE OIL BEFORE USING

The engine is shipped from the factory without oil. Running the engine without oil will result in severe engine damage and void the warranty. To avoid causing engine damage and voiding the warranty, fill the engine with the recommended oil type.

NOTICE USE CORRECT ENGINE OIL

Oil is a major factor in the performance and service life of any engine. Using the incorrect oil may damage the engine and void the warranty. To avoid causing engine damage and voiding the warranty, check and change oil as required using the correct engine oil.

NOTICE PUMP DAMAGE

This pump will not prime when dry. Running the pump dry without priming can damage the pump assembly and seals. Damage caused by running dry is not covered under the warranty. To avoid damaging the seals and pump assembly, do not run the pump when it is dry without priming.

NOTICE OLD GASOLINE

Old gasoline can create deposits that clog fuel systems causing hard starting and poor performance. Damage caused by old fuel is not covered by warranty. To minimize deposits, avoid old fuel related performance issues, and prevent costly repair work, do not use gasoline that is older than 30 days.

NOTICE ALCOHOL BLENDS

Using gasoline with an alcohol blend greater than 10% (E10) will damage the engine. Damage caused by using an alcohol blend of 15% (E15), 85% (E85), or any other alcohol blend higher than 10% (E10) is not covered under warranty. To avoid engine damage caused by an alcohol blend that is too high, use gasoline with 10% (E10) alcohol or lower.

NOTICE PUMP PRIMING

Failure to prime the pump before use can damage the pump assembly and seals. The pump will not prime when dry. Damage caused by failing to prime the pump is not covered by the warranty. Always prime the pump by pouring water into the primer funnel until the pump is filled before starting the engine.

NOTICE ALTITUDE

Operating the engine with a high-altitude carburetor jet kit at an altitude below 5000 feet (1524 meters) will cause the engine to run too hot. Overheating the engine could result in serious engine damage. To avoid this hazard, make sure the correct carburetor kit is installed and the air/fuel mixture is set correctly for your altitude.

NOTICE CLEANING

Water can damage the chemical pump engine components if allowed to enter through cooling slots or other holes. Damage caused by water intrusion is not covered under warranty. To avoid engine water damage, do not use a pressure washer, garden hose, or any other sources of running water to clean the chemical pump engine, and never submerge the chemical pump engine in any liquids.

NOTICE GASOLINE STORAGE

It is important to prevent gum deposits from forming in essential fuel system parts, such as the carburetor, fuel filter, fuel hose or tank during storage. Alcohol-blended fuels (also called gasohol, ethanol, or methanol) attract moisture, which leads to separation and formation of acids during storage. Acidic fuel and gum deposits can damage the engine's fuel system while in storage. Damage caused by the use of old, stale, or contaminated fuel are not covered under warranty.

NOTICE DO NOT OVERFILL FUEL TANK

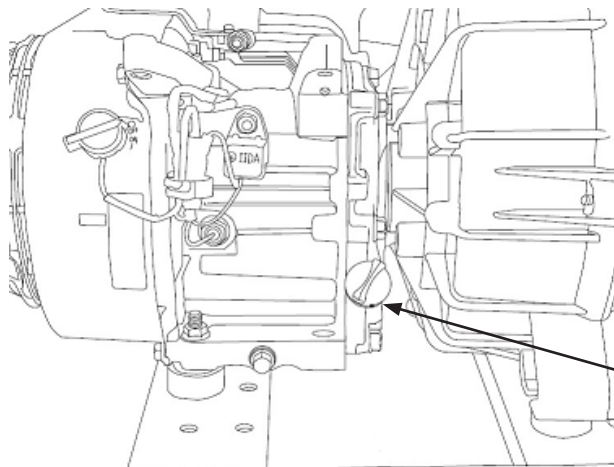
Overfilling the fuel tank can result in carbon canister damage (if equipped), poor engine performance, and void the warranty. To avoid these hazards, do not fill the fuel tank above the maximum level.

Unpacking:

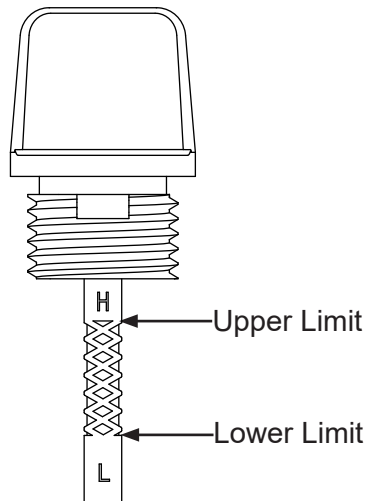
1. Place the shipping carton on a solid, flat surface.
2. Carefully cut the top of the carton open.
3. Carefully cut each corner of the carton from top to bottom.
4. Lay each side of the carton flat on the ground.
5. Remove everything from the carton.

Fill the engine with oil and gasoline:

1. Place the chemical pump on a level surface then remove the engine oil dipstick by unscrewing it.



2. Fill the engine with the correct oil per the engine owner's manual. The oil level should be towards the high mark on the dipstick. Replace the dipstick when the engine is full.



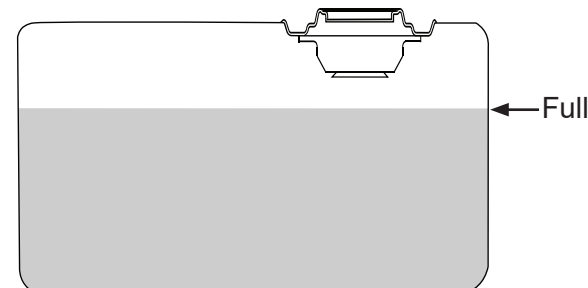
Engine Oil Dipstick

NOTICE

The chemical pump was shipped from the factory without oil in the engine. Running the engine without oil will result in severe engine damage and void the warranty. To avoid causing engine damage and voiding the warranty, fill the engine with the recommended oil type before starting.

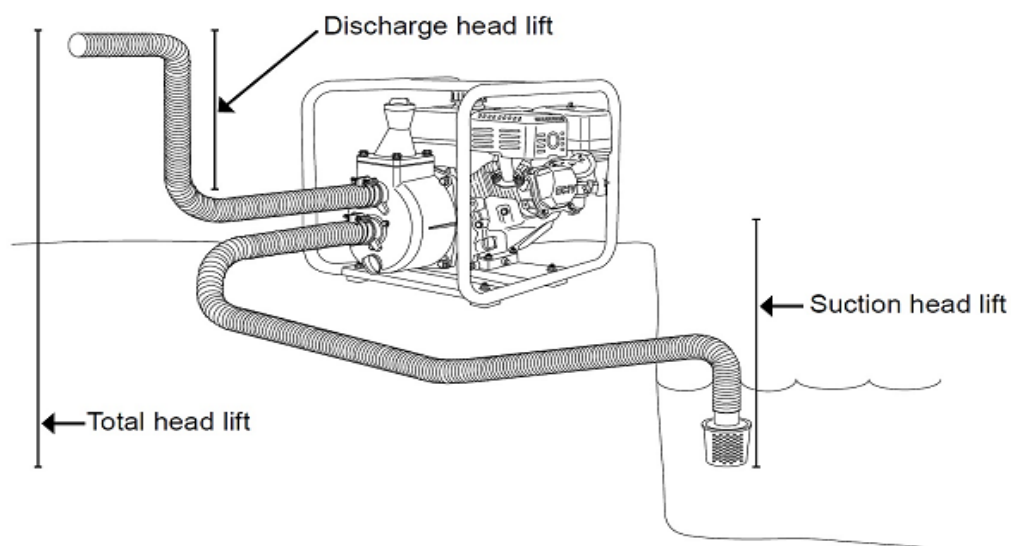
3. Remove fuel cap, fill fuel tank with fresh gasoline, then replace fuel cap.

NOTE: Fill with engine off and cool. Do not over fill fuel tank.



Starting:

NOTE. The suction and discharge hoses are not included. Assemble them as per the manufacturer instructions.



A. Place the chemical pump on a level surface.

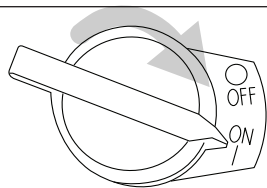
B. Completely immerse the strainer but do not allow it to rest on the bottom of the source.

C. Do not exceed the maximum suction head and total head lifts as specified for your chemical pump.

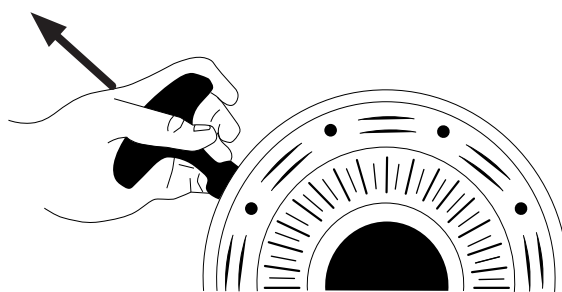
NOTE: The suction head lift should always be less than the discharge head lift.

D. Remove the primer funnel cover and fill the pump with water. Thread the cover back on.

E. Turn the engine ignition switch and the fuel valve to their ON positions.

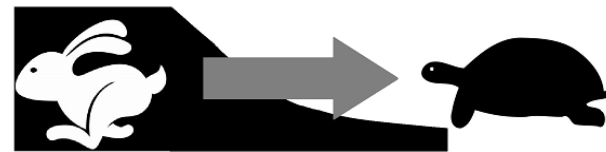


H. Pull the recoil slowly until resistance is felt, then pull rapidly to start the engine.

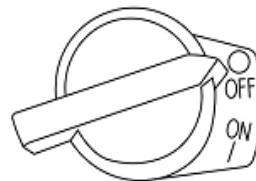


Shutdown:

I. Slide the throttle to slow.



J. Turn the engine ignition switch to the OFF position



F. Slide the throttle to run.



G. Adjust choke as needed.

NOTE: The starting position of the choke will vary depending on the engine temperature. If starting a cold engine, move the choke lever towards the closed position. If starting a warm engine, move the choke lever towards the open position. Once the engine warms up from running, you may need to adjust choke towards the open position until idle is smooth.

CLOSED OPEN

