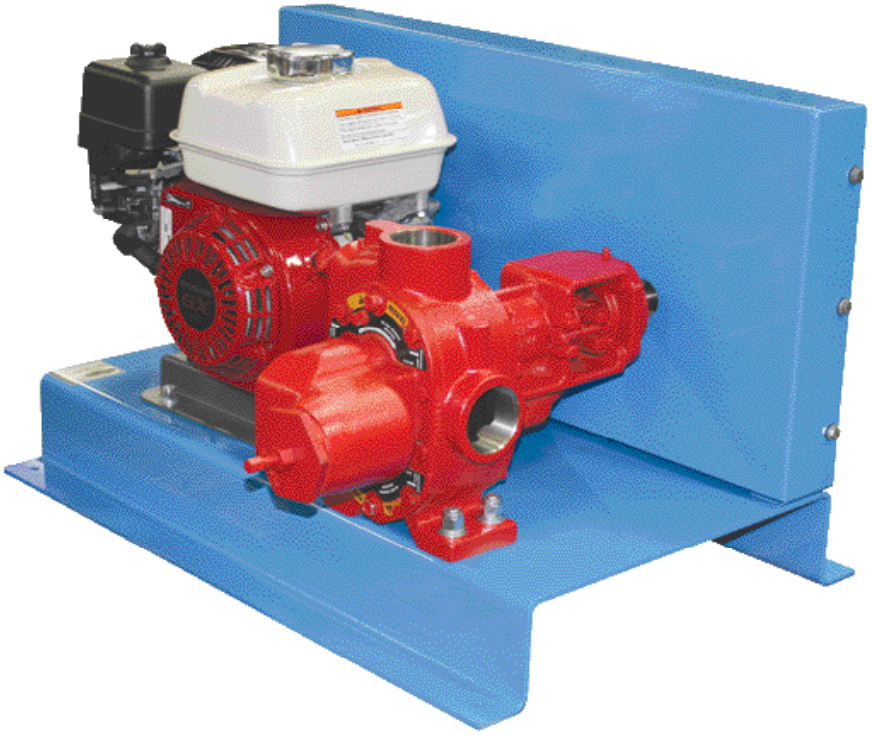
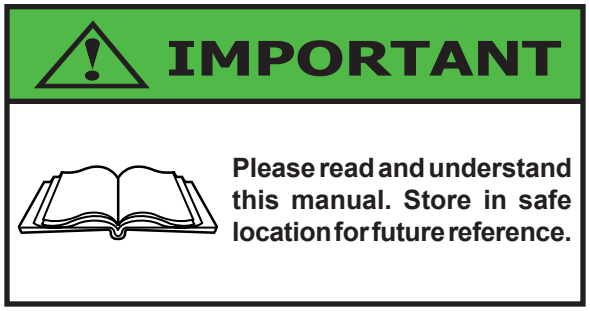
Roper Pumps Gear Pump Unit with Gas Engine

DURPU5G
DURPU5G-H



Owner's Manual #0778 06.23.21	
Serial Number:	**Installation Date:**



Everyone who operates this unit should understand basic operations and safety precautions! The time you take to fully understand the proper installation, maintenance and use of the machine will prolong its service life, and assure you of trouble free operation.

When unpacking, check to make sure all the parts shown on the Parts Breakdown near the end of this manual are included. If any parts are missing or broken, please call Dultmeier Sales as soon as possible.

Consumers should notice that this manual may differ slightly from the actual product as more improvements are made to our products. Some of the pictures in this manual may differ slightly from the actual product as well. Dultmeier Sales reserves the right to update designs and / or change the specifications at any time without incurring any obligation to install them on units previously sold.

If you have any questions or suggestions about this manual, please contact us at:

1-888-677-5054
dultmeier@dultmeier.com
www.dultmeier.com

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Additional Resources Available Online

Briggs & Stratton Engine Owner's Manual
www.dultmeier.com/schematics/BriggsSchematics.php

Honda Engine Owner's Manual
www.dultmeier.com/schematics/HondaSchematics.php

Roper Pump Owner's Manual & Parts Schematic
www.dultmeier.com/schematics/RoperSchematics.php

To avoid serious or fatal personal injury or major property damage, read and follow all safety and operation instructions in the manual.

This is a **Safety Alert Symbol** -
When you see this symbol in the manual, look for the following signal words & be alert to the potential for personal injury or property damage.

DANGER Warns of potential hazards that **WILL** cause serious personal injury, death or property damage.

WARNING Warns of potential hazards that **CAN** cause serious personal injury, death or property damage.

CAUTION Warns of potential hazards that **WILL** or **CAN** cause minor personal injury, death or property damage.

IMPORTANT Indicates special instructions that **MUST** be followed but not related to hazards.

This manual is intended to assist in the installation and operation of this unit.
Do not attempt to operate this unit without reading and understanding this manual.

General Safety

To avoid the risk of serious bodily injury and property damage, read safety instructions carefully before installing this system. Follow all local and/or national plumbing and electrical codes when installing.

IMPORTANT **Do Not Allow System or Components to Freeze.**
To do so may damage the system and will void the warranty.

WARNING **Never Run the System Dry.**
Running the unit dry (without fluid) can damage internal parts, overheat pump (which can cause burns to people handling or servicing the pump), and will void the warranty.

WARNING **Hazardous Pressure.**
Do not run the unit with discharge shut off, as hose may burst or damage may occur due to high pressure.





Engines can operate at high temperatures. To avoid burns when servicing pump, allow it to cool for 60 minutes after shutdown before handling.

Specifications

DURPU5G

Engine RP121352-0049
Capacity . . . . . 66 GPM @ 600 RPM
Dimensions . . . . . ____“L x ____“W x ____“H
Shipping Weight . . . . . Approx. _____ lbs.

DURPU5G-W

Engine RP121352-0049
Capacity . . . . . 66 GPM @ 600 RPM
Dimensions . . . . . 42“L x 24“W x 20“H
Shipping Weight . . . . . Approx. 245 lbs.

DURPU5G-H

Engine AEGX160K1HX
Capacity . . . . . 42 GPM @ 400 RPM
Dimensions . . . . . 30“L x 26“W x 18“H
Shipping Weight . . . . . Approx. 220 lbs.

DURPU5GH-W

Engine AEGX160K1HX
Capacity . . . . . 42 GPM @ 400 RPM
Dimensions . . . . . ____“L x ____“W x ____“H
Shipping Weight . . . . . Approx. _____ lbs.

Common Specifications

Style	Gas Engine, Belt Driven, Gear Pump
Maximum Inlet Pressure	Flooded Suction
Maximum Inlet Temperature	180° F
PSI	50, up to 125 MAX
Pump	RR3611HBRV
Pump Drive	Belt
Pump Inlet	2”
Pump Discharge	2”
Features	Adjustable Motor Baseplate, Gas Engine Gear Pump

Maintenance

REGULAR SERVICE PERIOD (3) Perform at every indicated month or operating hour interval, whichever comes first. ITEM		Each Use	First Month or 20 Hrs	Every 3 Months or 50 Hrs	Every 6 Months or 100 Hrs	Every Year or 300 Hrs
Engine Oil	Check Level	x				
	Change		x		x	
Reduction Case Oil (applicable types)	Check Level	x				
	Change		x		x	
Air Cleaner	Check	x				
	Clean			x (1)	x (1)	
	Replace					x
Sediment Cup	Clean				x	
Spark Plug	Check-Adjust				x	
	Replace					x
Spark Arrester (applicable types)	Clean				x	
Idle Speed	Check-Adjust					x (2)
Valve Clearance	Check-Adjust					x (2)
Combustion Chamber	Clean	After every 500 Hours (2)				
Fuel Tank & Filter	Clean				x (2)	
Fuel Tube	Check	Every 2 Years (Replace if necessary) (2)				

(1) - Service more frequently when used in dusty areas.

(2) - These items should be serviced by your Honda servicing dealer, unless you have the proper tools and are mechanically proficient. Refer to the Honda Shop Manual for service procedures.

(3) - For commercial use, log hours of operation to determine proper maintenance intervals.

Refer to the Engine Owner's Manual for further information and instructions.

Storage

Proper storage preparation is essential for keeping your system trouble-free and looking good. The following steps will help to keep rust and corrosion from impairing your system's function and appearance, and will make the system easier to start when you use it again.

If the engine has been running, allow it to cool for at least half an hour before cleaning. Clean all exterior surfaces, touch up any damaged paint, and coat other areas that may rust with a light film of oil.

Using a garden hose or pressure washing equipment can force water into the air cleaner or muffler opening. Water in the air cleaner will soak the air filter, and water that passes through the air filter or muffler can enter the cylinder, causing damage.

Gasoline will oxidize and deteriorate in storage. Deteriorated gasoline will cause hard starting, and it leaves gum deposits that clog the fuel system. If the gasoline in your engine deteriorates during storage, you may need to have the carburetor and other fuel system components serviced or replaced.

The length of time that gasoline can be left in your fuel tank and carburetor without causing functional problems will vary with such factors as gasoline blend, your storage temperatures, and whether the tank is partially or completely filled. The air in a partially filled fuel tank promotes fuel deterioration. Very warm storage temperatures accelerate fuel deterioration. Fuel deterioration problems may occur with a few months, or even less if the gasoline was not fresh when you filled the fuel tank.

You can extended fuel storage life by adding gasoline stabilizer that is formulated for that purpose, or you can avoid fuel deterioration problems by draining the fuel tank and carburetor.

When adding a gasoline stabilizer, fill the fuel tank with fresh gasoline. If only partially filled, air in the tank will promote fuel deterioration during storage. If you keep a container of gasoline for refueling be sure that it contains only fresh gasoline.

1. Add gasoline stabilizer following the manufacturer's instructions.

2. After adding gasoline stabilizer, run the engine outdoors for 10 minutes to be sure that treated gasoline has replaced the untreated gasoline in the carburetor.

3. Stop the engine.

If your engine will be stored with gasoline in the fuel tank and carburetor, it is important to reduce the hazard of gasoline vapor ignition. Select a well ventilated storage area away from any appliance that operates with a flame, such as a furnace, water heater, or clothes dryer. Also avoid any area with a spark-producing electric motor, or where power tools are operated.

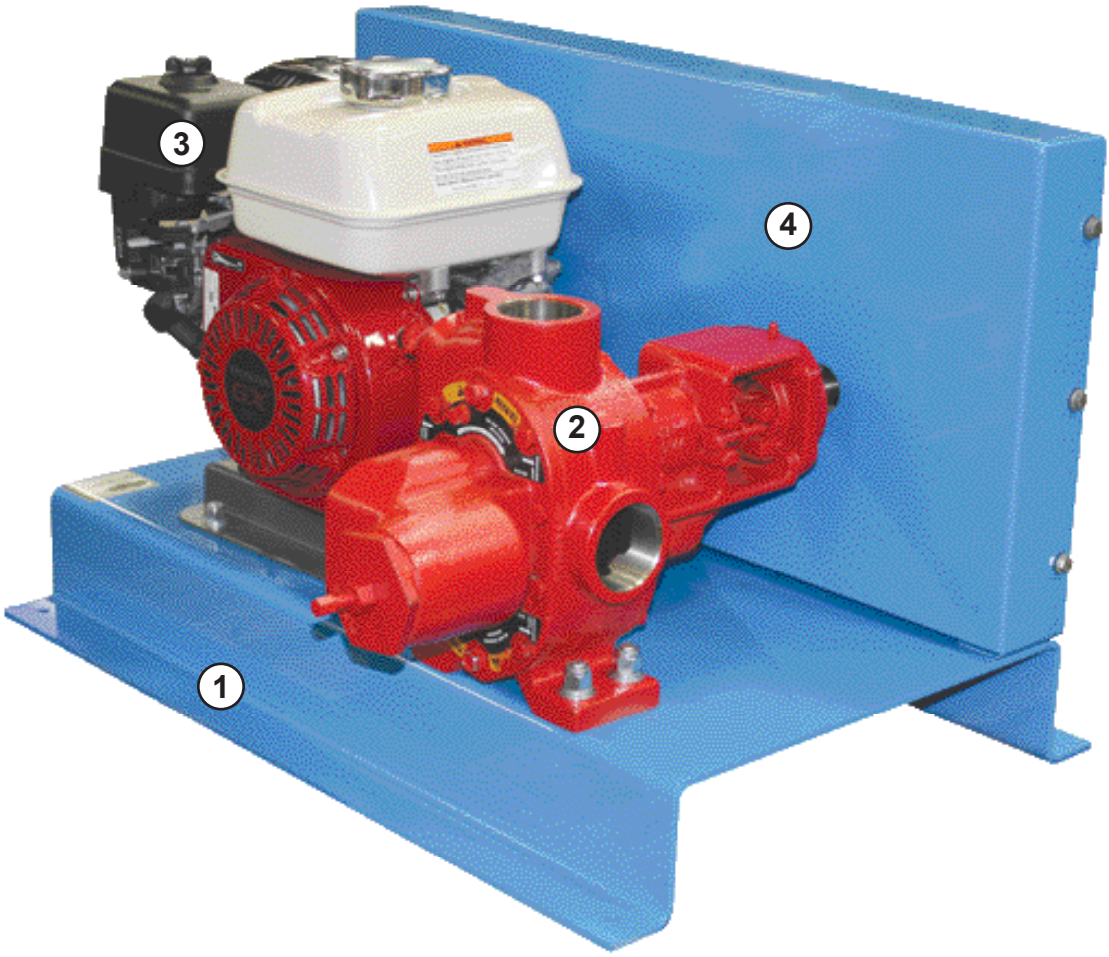
If possible, avoid storage areas with high humidity, because that promotes rust and corrosion.

Keep the engine level in storage. Tilting can cause fuel or oil leakage.

With the engine and exhaust system cool, cover the engine to keep out dust. A hot engine and exhaust system can ignite or melt some materials. Do not use sheet plastic as a dust cover. A nonporous cover will trap moisture around the engine, promoting rust and corrosion.

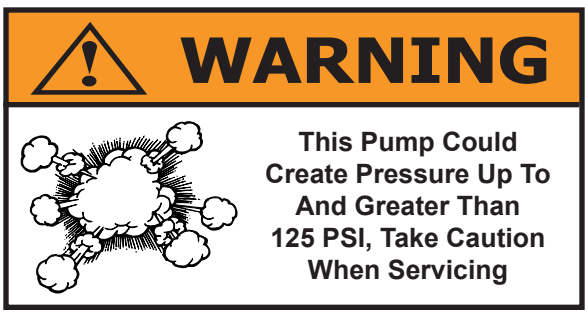
If equipped with a battery for electric starter types, recharge the battery once a month while the engine is in storage. This will help extend the service life of the battery.

Parts Breakdown: DURPU5G-H



Item	Part Number	Description
1	DSBP1630L	Base Plate
2	RR3611HBRV	2” Roper Pump with Relief Valve
3	AEGX160K1HX	5.5 HP Honda Engine
	RP 21352-0049	*6.5 HP Intek Engine (Models DU RPU5G & DU RPU5G-W)*
4	DUBG305	Stainless Belt Guard
	GABX42	*V-Belt (Not Visible) - Quantity: 2*





Notice Regarding Manufacturer's Limited Warranty

Dultmeier Sales Limited Liability Company (hereinafter Dultmeier), notifies you that component part(s) carry a manufacturer's limited warranty provided by the manufacturer of said component part(s). These warranties do not pertain to normal wear of component part(s) that may occur within any specified period. While Dultmeier is not the manufacturer of any of the component part(s), Dultmeier will assist you in processing any and all manufacturer's warranty claim if applicable and available. Any and all manufacturer's claims must be submitted in writing to the manufacturer within the warranty periods provided by the manufacturer.

Defective component part(s) that are to be considered for manufacturer's limited warranty must be returned to the manufacturer by prepaid shipment with the applicable manufacturer's limited warranty period. If the component part(s) are deemed to be defective under the manufacturer's warranty, Dultmeier will assist in obtaining a replacement or repair of the component part(s). Said component part(s) will be returned F.O.B. Omaha, Nebraska. Replacement or repair shall be the exclusive remedy for any breach of warranty. Labor for installation, either with respect to original or replacement part or components, is not covered under the manufacturer's limited warranty.

Neither the manufacturer nor Dultmeier warrants loss of income or consequential damages for injury or commercial loss resulting from any breach of warranty or warranties stated above.

The manufacturer's limited warranty as stated does not apply to component part(s) which have been improperly installed, misused, altered, neglected, abused or not installed, adjusted, maintained, or used in accordance with applicable codes and ordinances and in accordance with the manufacturer's specifications as to such factors.

Notwithstanding Dultmeier's willingness to assist in the processing of the manufacturer's limited warranty, Dultmeier makes no warranty against infringement of the like, makes no warranty of merchantability, makes no warranty of fitness for a particular purpose, and makes no other warranty, express or implied, including implied warranty arising from the course of dealing or usage of trade.

Compliance with all local, state and federal codes regarding the installation and operation of said equipment, parts and components shall be the responsibility of the purchaser. The rights and obligations of the parties shall be governed by the laws of the State of Nebraska.

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