

GW-502  
Specification Sheet

Specifications; Model GW-502, Jet Snow Blower

Width            5' 6"  
Length          12' 8"  
Height          5' 6"  
Weight –  
  Empty    2250 lbs.  
  Gross     3650 lbs.

Fuel – 200 Gallons – Fuel burn 80 to 130 g.p.h.

#1 Diesel  
#1 Kerosene  
Jet A

Engine: M 701c-500  
  Single shaft  
  Centrifugal Turbojet

Performance Ratings (Aircraft configuration)

Max TO                    1962 lbs.  
Rated power            1764 lbs.  
Max cruise rating    1587 lbs.  
Idling                    154 lbs.  
(Snow blower configuration is 35% of max TO Power)

Engines are 0 (zero) time since overhaul by factory to original specifications.

Starting System: Automatic



RELAMINC.COM

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WISKTRUCKS.COM

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# WARNING

**External power source must be used to assist in starting.**

## **REMOVE INTAKE COVER BEFORE START**

### **BEFORE START**

1. Check Oil
2. Inspect Unit for any Damage or Fuel and Oil Leaks
3. Make sure Emergency Stop Button is pulled out

### **STARTING**

1. Connect external power.
2. Turn main battery switch on.
3. Power Switch On
4. Fuel Pump On (low fuel pressure light out)
5. Verify fuel & throttle are off and at idle, hold both switches  
For 3 seconds in the down position.
6. Start switch hold on for 2 seconds and release.
7. Monitor engine spin up. When fuel light comes on, hold fuel  
Switch on for three (3) seconds. Check for rise in exhaust  
gas temperature and oil pressure.
8. If no light-off, repeat start procedure.

### **WARNING**

Start procedure can be attempted three(3) times max with  
three (3) minutes between starts to cool the starter.

# GW-502 NORMAL SHUT-DOWN PROCEDURES

1. **WARNING.** Unit must be at Idle **BEFORE** shut-down
2. If unit is running at full-power; hold Throttle switch down for 3 seconds.
3. Allow unit to stabilize for a couple minutes.
4. Hold Fuel Switch in Off position (Down) for 3 seconds. Unit will shut down.
5. Allow engine spin down. Turn Fuel Pump Off, Power Switch Off, and Main Battery Switch Off.



# EMERGENCY STOP PROCEDURES

Anytime the driver sees a problem, he can shut the unit down by pushing the Emergency Stop Button.

## WARNING

Prior to restarting of unit; Make sure the problem has been taken care of and there is no damage to the unit.

## PROCEDURES FOR RESTART

1. Pull Emergency Stop Button out
2. Verify fuel and throttle are off and at idle. Hold both switches for 3 seconds in Down position
3. Fuel Pump Off
4. Power Switch Off
5. Proceed with normal start procedures

## CAUTION

Light off may be delayed a few seconds due to lack of fuel in the fuel control components.



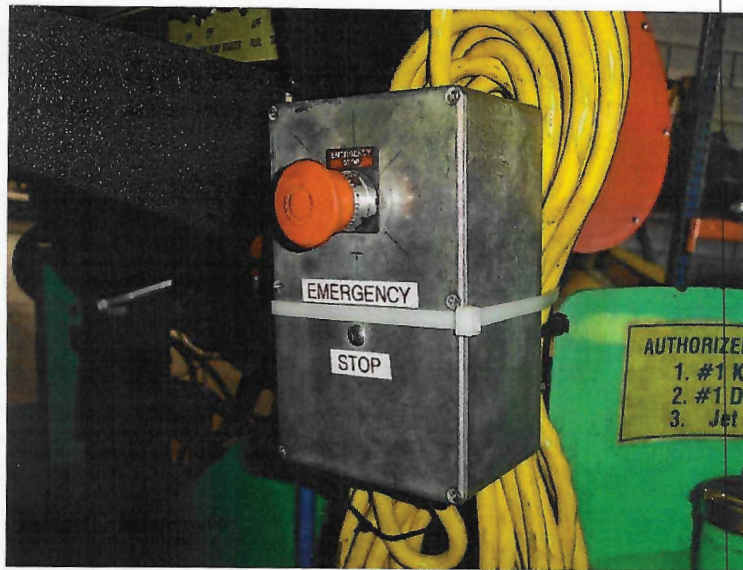
# WARNING

When this unit is not being used, make sure it is covered with a tarp if it is going to be stored outside. This will prevent water from going down the intake and into the engine.

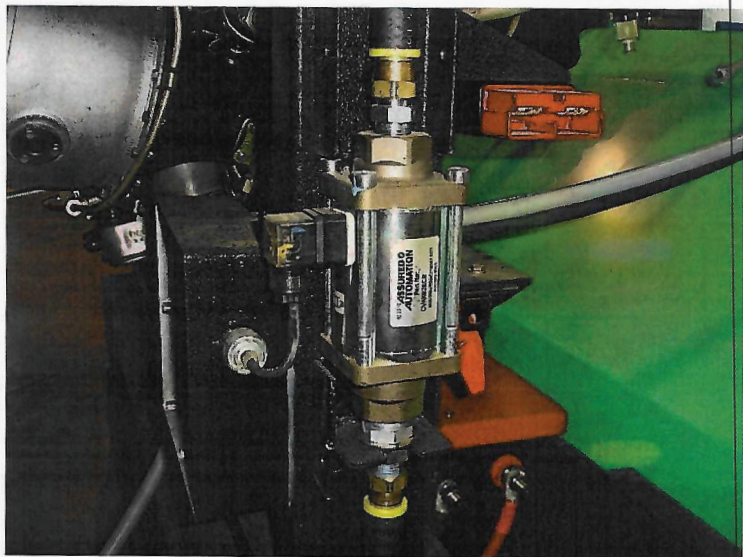
If water gets into the engine and freezes, it can cause damage to the engine.

The engine is not shock-mounted. It is hard-mounted to the frame. It is important that the unit not be dropped or bumped into anything solid.

Unit must be operated while on the tracks **ONLY**.



EMERGENCY STOP CAN BE INITIATED ANY TIME BY THE DRIVER, BY PUSHING THE EMERGENCY STOP BUTTON.



EMERGENCY FUEL SHUT-OFF VALVE



# Fuel Pump and Filter Assembly



Fuel tank Shut  
Off Valve

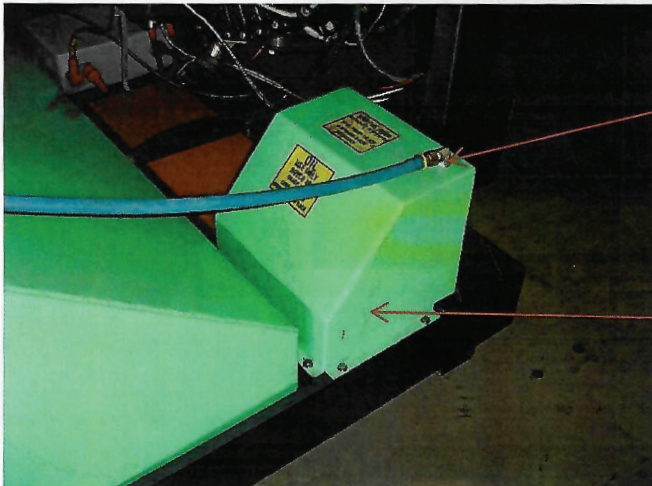
Main Fuel Filter

Fuel Pump Filter

Fuel Pump

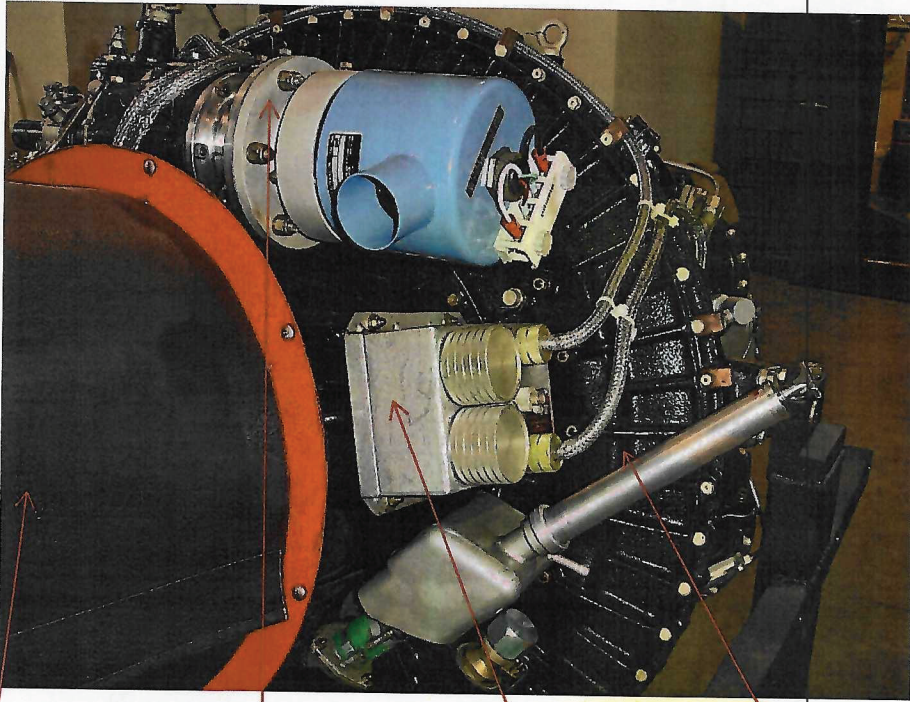
Fuel By-Pass

# Fuel Pump and Filter Assembly Cover



Fuel By-Pass  
Return to tank

Fuel Pump and  
Filter Assembly  
Cover



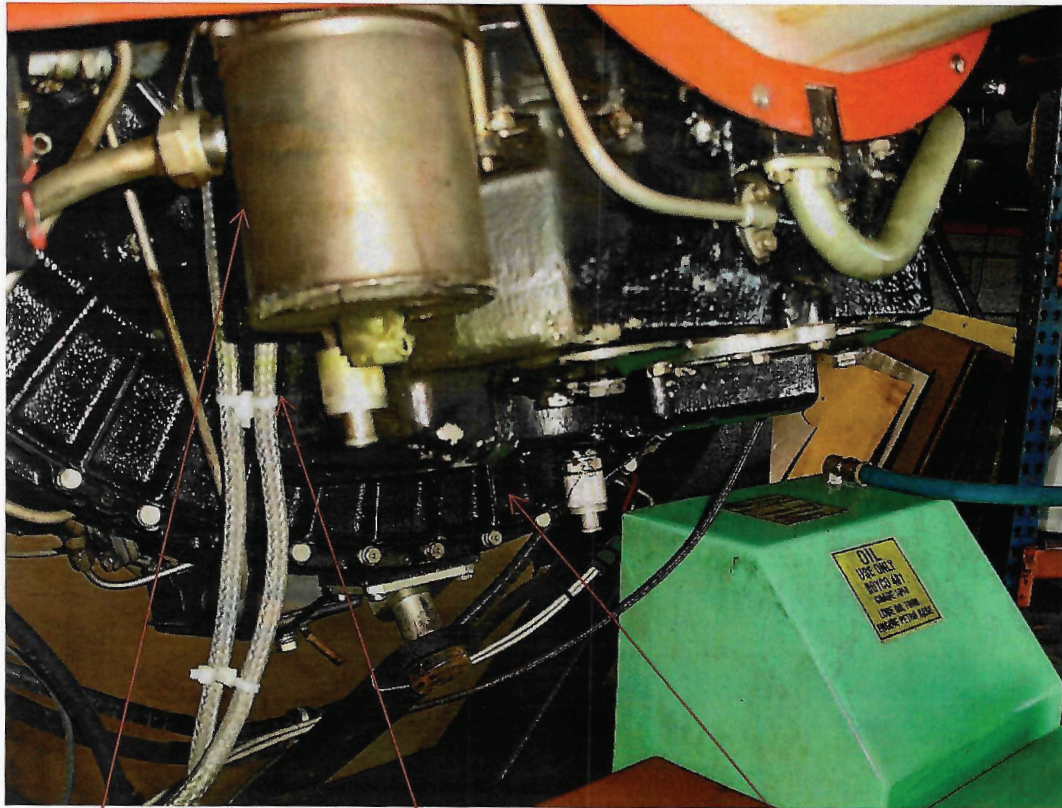
Intake Assembly  
Cover

Alternator

Ignitor Box

Oil Dipstick  
Assembly





Engine Fuel Filter  
Assembly

Engine Fuel Filter  
Drain

Oil Drain

## PRIME FUEL SYSTEM

You may need to prime the fuel system if you run the unit out of gas or the unit loses its prime after sitting for a long period.

1. Fill fuel tank.
2. Put a container under Engine Fuel Filter Drain.
3. Fuel Pump ON
4. Open Fuel Drain Valve (Counter-clockwise)
5. Wait until you have a steady stream of fuel coming out of drain.
6. Close Fuel Drain (Clockwise)
7. Fuel Pump OFF