
Overview



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Safety Alert Classifications


These classifications and the icons defined on the following pages work together to alert you to situations which could be harmful to you, jobsite bystanders or your equipment. When you see these words and icons in the book or on the machine, carefully read and follow all instructions. **YOUR SAFETY IS AT STAKE.**



Watch for the three safety alert levels: **DANGER**, **WARNING** and **CAUTION**. Learn what each level means.

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

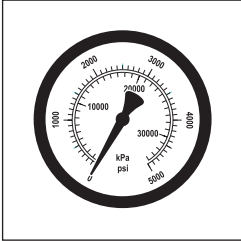
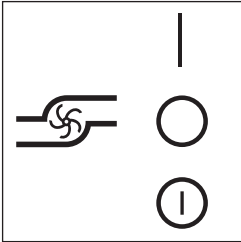
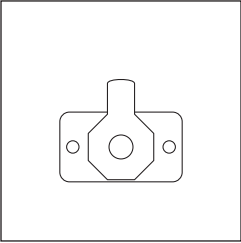
 **WARNING** indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

 **CAUTION** indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

Watch for two other words: **NOTICE** and **IMPORTANT**.

NOTICE can keep you from doing something that might damage the machine or someone's property. It can also alert you against unsafe practices.

IMPORTANT can help you do a better job or make your job easier in some way.

Item	Description	Notes
<p>3. Ignition switch</p>	<p>To start engine, insert key and turn clockwise.</p> <p>To stop engine, turn key counterclockwise.</p>	<p>IMPORTANT: When engine is on, blower operates and vacuum is present at tank inlet.</p> <p>NOTICE: Set engine speed to full throttle before turning off engine.</p>
<p>4. Water pressure gauge</p>  <p>c00ic522h.eps</p>	<p>Displays water pressure when water pressure switch is on and water lance is in use.</p>	
<p>5. Hourmeter</p>	<p>Displays engine operating time.</p>	<p>Hourmeter runs when ignition switch is on.</p> <p>Use these times to schedule service.</p>
<p>6. Water pump switch</p>  <p>c00ic520h.eps</p>	<p>To turn on water pump, press top.</p> <p>To turn off water pump, move to center position.</p> <p>To bypass low water indication, press bottom.</p>	<p>Use bypass to feed antifreeze into system when freshwater tank is empty. See "Add Antifreeze" on page 52.</p>
<p>7. Auxiliary outlets</p>  <p>c00ic140h.eps</p>	<p>To operate work lights or other 12V devices, plug into outlet.</p>	<p>Outlet has power only when ignition switch is on.</p>



Prepare

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Unhitch Trailer

1. Stop tow vehicle and trailer on level ground.
2. Put manual transmission into first or reverse gear or automatic transmission into park. Turn off ignition. Set parking brake.
3. Block trailer wheels or set trailer emergency parking brake.
4. To unhitch trailer from tow vehicle, reverse "Hitch Trailer" steps.



Complete the Job



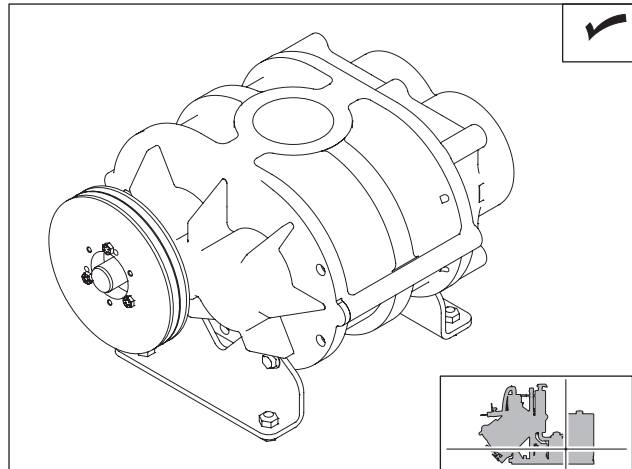
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Check Blower

Check blower every 10 hours for unusual noise or vibration. If malfunction is detected:

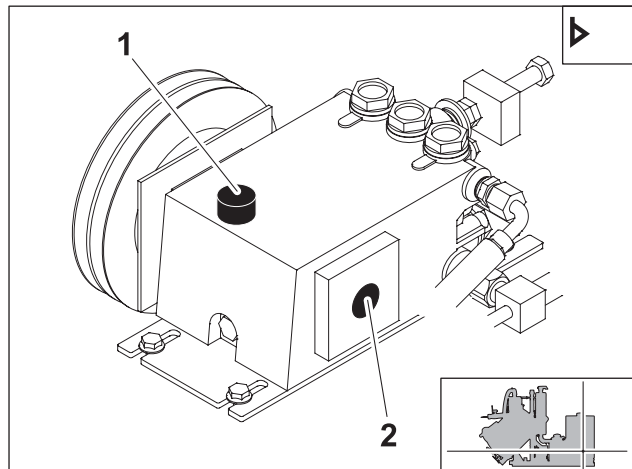
1. Stop engine.
2. Consult blower repair manual.



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Check Water Pump Oil Level

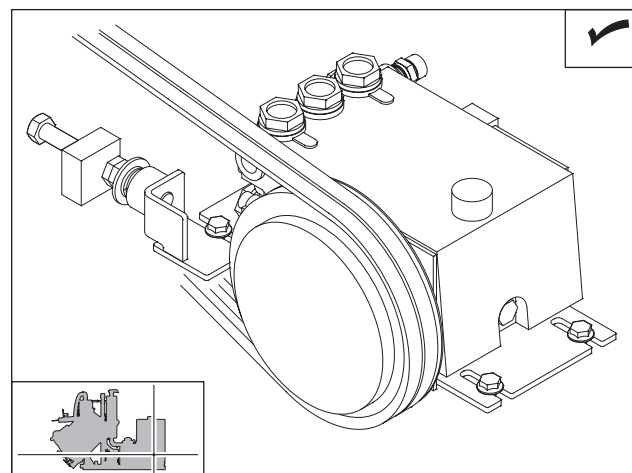
With frame level, check water pump oil at dipsitch every 10 hours. Oil should be at full mark on dipstick. Add NDO at fill as necessary to keep oil at full mark on dipstick.



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Check Water Pump

Check water pump unit every 10 hours for leaks, loose fittings, unusual noise or vibration. Repair if necessary.



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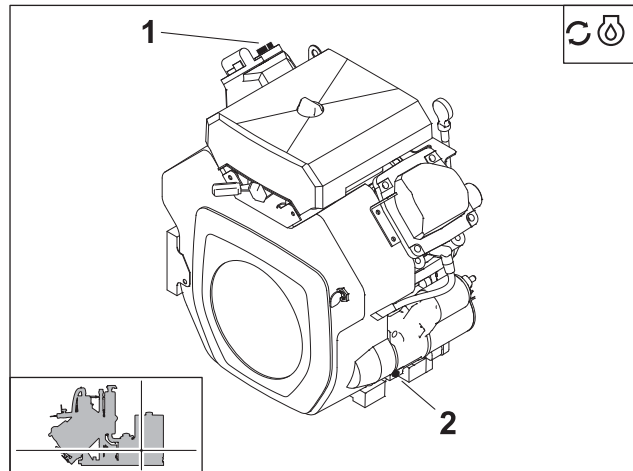


200 Hour

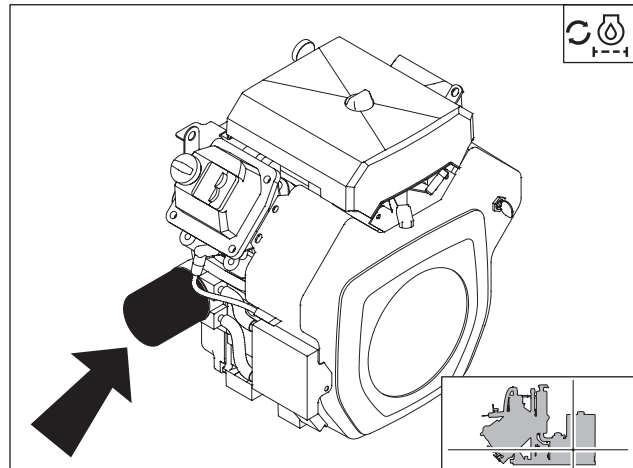
Change Engine Oil and Filter

Change engine oil every 200 hours. Drain oil (2) and replace filter (shown below). Add 1.7-1.9 qt (1.6-1.8 L) of GEO at fill (1).

IMPORTANT: Use oil specified in "Engine Oil Temperature Chart" on page 57.



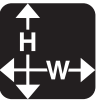
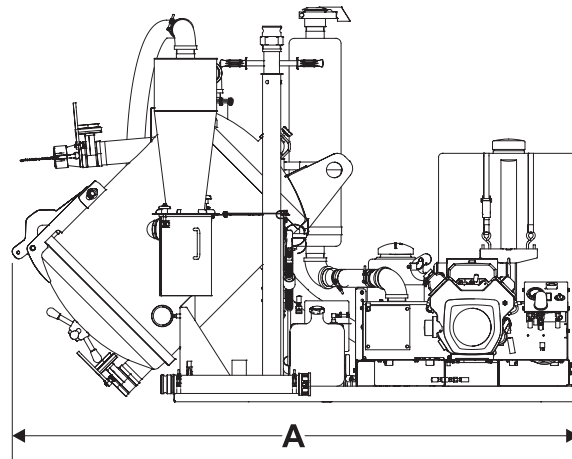
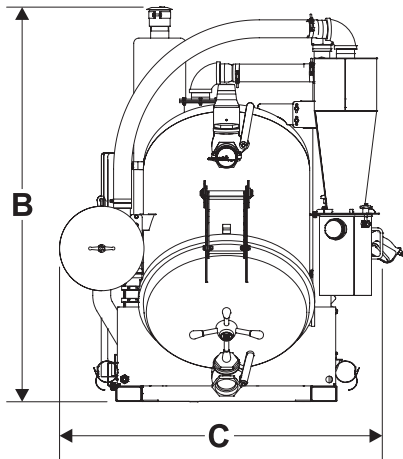
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Specifications



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Dimensions (Skid Package)		U.S.	Metric
A	Length	109 in	2.8 m
B	Height	74 in	1.9 m
C	Width	63 in	1.6 m
Dry weight		1594 lb	723 kg
Weight with empty water tank and spoils tank filled with water		2724 lb	1236 kg
Weight with full water tank and empty spoils tank		2244 lb	1018 kg
Weight with full water tank and spoils tank filled with water		3374 lb	1530 kg

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