CRACK PRO TURBO
Owner’s Manual

Version 2.0
Issue Date: April 2019
Effective Date: April 2019

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Changes</th>
<th>Approval</th>
</tr>
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<tr>
<td>1.0</td>
<td></td>
<td>Original Issue</td>
<td></td>
</tr>
<tr>
<td>2.0</td>
<td>4/19</td>
<td>New Format and Updates</td>
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ThorWorks Industries, Inc.

Purchased by __________________________      Model NO. ______________________
Company Name ________________________     Serial NO. ________________________
Address ________________________________ Acceptance Date ________________
City __________ State_____ Zip ________

CORRESPONDENCE

All Correspondence regarding this equipment, as well as general correspondence should be addressed to:

ThorWorks Industries, Inc.

PO Box 2277

Sandusky, OH 44870

In referring to the equipment, kindly state the Model Number, Serial Number and any part number involved
SealMaster® LIMITED WARRANTY

SealMaster warrants that its products are of quality material and workmanship. SealMaster agrees to replace, within a period of one (1) year from date of delivery, or at its option, repair, without charge, any part of their manufacture which proved defective. The repair or replacement will be free of charge F.O.B. Sandusky, Ohio, proving the damaged part or parts are returned, freight prepaid, to SealMaster and investigation show such repair or replacement is made necessary by an inherent defect of material or workmanship.

It is hereby understood that engines, motors, pumps, or other components purchased by SealMaster for use on its equipment are not warranted by SealMaster and are sold only with the standard warranty of the manufacturer of that component.

SealMaster will make no allowances for repairs or alterations completed by outside sources unless authorization is in writing and approved by an authorized SealMaster representative.

Any claims for defective material or workmanship must be made prior to the expiration of thirty (30) days from the date failure occurs, and in all cases prior to the expiration of the warranty period of one (1) year. It is the intent of this paragraph to limit SealMaster’s liability solely to the cost of replacement parts, F.O.B. factory, or at the option of SealMaster to repair of the defective part or parts. No allowances for damages, lost time, or any other claim will be recognized.

This warranty is null and void if other than genuine SealMaster parts are used.

SealMaster is constantly striving to improve their products. Changes in design and improvement will be made whenever the manufacturer believes the efficiency of the product will be improved, without incurring any obligation to incorporate such improvements in any machines which have been shipped or are in service.

In an effort to continue to improve product quality, SealMaster reserves the right to change specifications without notice.

Any modification or alteration of this machine without prior approval of the manufacturer may void this warranty.
SAFETY PRECAUTIONS AND CAUTIONS

PRECAUTIONS

• You are operating a machine that combines propane with compressed air.

• **Always** wear **eye** and **ear** protection, and **gloves**.

• Be aware of all **CAUTION, WARNING, DANGER** signs on the unit.

• All employees should be trained in **Emergency Burn First Aid**.

• Read all Owners Manuals that come with this unit.

• Make sure the operator is familiar with units’ operation.

• Know the procedures for safe operation of propane-fired devices.

• Replace any hoses that show signs of wear, fraying or splitting.

• Be sure all fittings and joints are tight and leak proof.

• Do not operate this unit in the rain or enclosed building or confined area.

• Do not do maintenance work on the machine while in operation.

• The machine should not be left unattended when running.

CAUTIONS

• Never refuel engine while the burner is lit.

• Keep hands, feet, and clothing away from moving parts.

• Do not operate the machine without all guards in place.

• Do not point the torch head at another person.
1-STARTING THE ENGINE

- Set the fuel shutoff and choke levers to the on position.
- Set the engine on/off switch to on position.
- Pull start the engine.
- The engine operates at a fixed RPM, let it run for five minutes before opening Propane Tank.
STARTUP

2-REGULATOR

- Regulator #4 should be 6 to 6-1/2 turns open from completely closed for best lighting. During very hot humid conditions, 6 turns maybe too much, 3-4 turns may be better.
- Slightly turn the Regulator knob #4 in or out to fine tune the mixture. After adjustment, wait several seconds for the mixture to blend for Ignition.
3-TORCH HEAD

- Remove the Torch Head from its holder.
- Open the Propane Tank valve. It takes anywhere from 30 seconds or more for propane and air mix in the torch head chamber.
- Depress the Battery Ignition Device #3 and keep it pressed until you hear the torch ignite.

- When finished, DO NOT TOUCH THE REGULATOR, turn off the Propane Tank valve. Let the compressor continue to run for a couple of minutes to cool down the Torch Head.
4-TORCH WAND

- Once Lit, cradle the Torch Wand Assembly #2 in your arm and follow the cracks, **WARNING** moving too slowly can result in burning the asphalt.
- You can also put it in the angled holder and push the cart.
## PARTS LIST

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>PART#</th>
<th>QTY.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>P458A045</td>
<td>1</td>
<td>4.8 HP ENGINE WITH COMPRESSOR</td>
</tr>
<tr>
<td>2</td>
<td>P81000B001</td>
<td>1</td>
<td>TORCH WAND ASSEMBLY</td>
</tr>
<tr>
<td>3</td>
<td>P678A011</td>
<td>1</td>
<td>BATTERY IGNITION DEVICE</td>
</tr>
<tr>
<td>4</td>
<td>P735A052</td>
<td>1</td>
<td>LP REGULATOR</td>
</tr>
<tr>
<td>5</td>
<td>P669A007</td>
<td>1</td>
<td>LP HOSE 25 FEET</td>
</tr>
<tr>
<td>6</td>
<td>P933A003</td>
<td>1</td>
<td>FEMALE QUICK CONNECT</td>
</tr>
<tr>
<td>7</td>
<td>P562A009</td>
<td>2</td>
<td>MALE CONNECTOR - LP HOSE FITTING</td>
</tr>
<tr>
<td>8</td>
<td>P579A001</td>
<td>1</td>
<td>SWIVEL TIRE ASSEMBLY</td>
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<tr>
<td>9</td>
<td>P514A005</td>
<td>1</td>
<td>TIRE ASSEMBLY</td>
</tr>
<tr>
<td>10</td>
<td>P409A013</td>
<td>1</td>
<td>IGNITOR SPARK PLUG</td>
</tr>
<tr>
<td>11</td>
<td>P933A004</td>
<td>1</td>
<td>MALE QUICK CONNECT</td>
</tr>
<tr>
<td>12</td>
<td>P667A005</td>
<td>1</td>
<td>#10 HOSE X 5/8” FLARE SWIVEL</td>
</tr>
<tr>
<td>13</td>
<td>P665A017</td>
<td>1</td>
<td>LP HOSE 3 FEET</td>
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<tr>
<td>14</td>
<td>P933A001</td>
<td>1</td>
<td>LP TANK CONNECTOR</td>
</tr>
</tbody>
</table>
CRACK PRO® TURBO OPERATING INSTRUCTIONS

MACHINE OPERATION

PICTURE 1

1 ENGINE AND COMPRESSOR
2 TORCH WAND ASSEMBLY
3 LP HOSE 3 FEET
4 SWIVEL TIRE
5 LP HOSE 25 FEET
6 FEMALE QUICK CONNECT
7 IGNITOR SPARK PLUG
8 TIRE ASSEMBLY
9 TIRE ASSEMBLY
10 IGNITOR SPARK PLUG
11 MALE QUICK CONNECT
12 ENGINE AND COMPRESSOR
13 LP HOSE 3 FEET
CRACK PRO® TURBO OPERATING INSTRUCTIONS

MACHINE MAINTENANCE

MAINTENANCE SCHEDULE

Follow maintenance procedures listed in the engine and compressor manuals.

<table>
<thead>
<tr>
<th>MAINTAIN</th>
<th>8 HRS</th>
<th>1 WEEK</th>
<th>1 MONTH</th>
<th>6 MONTHS</th>
<th>1 YEAR</th>
</tr>
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<tbody>
<tr>
<td>CHECK ENGINE OIL LEVEL</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHANGE ENGINE OIL</td>
<td></td>
<td></td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHECK COMPRESSOR OIL LEVELS</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHANGE COMPRESSOR OIL</td>
<td></td>
<td></td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INSPECT COMPRESSOR AIR FILTER</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHANGE COMPRESSOR AIR FILTER</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TIGHTEN V-BELT</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REPLACE V-BELT</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>INSPECT ALL HOSES</td>
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</tbody>
</table>
# CRACK PRO® TURBO OPERATING INSTRUCTIONS

## MACHINE MAINTENANCE

## TROUBLESHOOTING GUIDE

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>POSSIBLE CAUSES/SOLUTIONS</th>
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<tbody>
<tr>
<td>AIR COMPRESSOR NOT PRODUCING ENOUGH AIR OR PRESSURE</td>
<td>BELT LOOSE / TIGHTEN THE BELT</td>
</tr>
<tr>
<td>ENGINE</td>
<td>OIL SPECIFICATIONS / REFER TO OWNER’S MANUAL</td>
</tr>
<tr>
<td>TORCH WILL NOT LIGHT</td>
<td>OPERATING INSTRUCTIONS / REFER TO OWNER’S MANUAL</td>
</tr>
<tr>
<td></td>
<td>FUEL IN OIL CRANKCASE / FUEL SHUT-OFF VALVE IN OFF POSITION WHEN FINISHED</td>
</tr>
<tr>
<td></td>
<td>SPARK PLUG IS DIRTY / CLEAN OR GAP AND REPLACE*</td>
</tr>
<tr>
<td></td>
<td>IGNITOR CHARGE LOW / REPLACE IGNITOR</td>
</tr>
<tr>
<td></td>
<td>TORCH ORIFICE PLUGGED/ UNPLUG</td>
</tr>
<tr>
<td></td>
<td>REGULATOR SETTING INCORRECT / RE-SET TO 6 TURNS OPEN</td>
</tr>
<tr>
<td></td>
<td>COLD START VALVE OPEN / CLOSE VALVE*</td>
</tr>
</tbody>
</table>

SPARK PLUG GAP 1/8 INCH*

COLD START VALVE