NOTICE: Always store the air compressor in a safe location out of reach of children and anyone unfamiliar with its proper use or care. The air compressor may become hot during use. Please use caution when touching the air compressor in order to avoid burns. Never use the air compressor’s carry handle when handling and allow the unit to cool before storing. This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

1.1 Risk of Electric Shock

- OPERATE AIR COMPRESSOR ONLY WITH A PROPERLY GROUNDED OUTLET WHICH PROVIDES CORRECT VOLTAGE (110 VOLT AC) AND ADEQUATE FUSE PROTECTION.
- DISCONNECT AFTER USE.
- DO NOT OPERATE AIR COMPRESSOR TO RISK OR SAFE IN A WET AREA.
- CHECK POWER-CORDS FOR SIGNS OF WEAR AND TEAR, CRUSHING ON HEAT DAMAGE. REPLACE FAULTY ITEMS BEFORE USE.
- NEVER OPERATE AIR COMPRESSOR WITH THE SHELL REMOVED.
- ALWAYS DISCONNECT AIR COMPRESSOR FROM ELECTRICAL SUPPLY CIRCUIT BEFORE SERVICING, ANY WIRING OR ELECTRIC REPAIRS DONE ON THIS AIR COMPRESSOR SHOULD BE DONE ONLY BY AUTHORIZED SERVICE PERSONNEL IN ACCORDANCE WITH NATIONAL AND LOCAL CODES.

1.2 Risk of Explosion or Fire

- ALWAYS OPERATE AIR COMPRESSOR IN A WELL VENTILATED AREA FREE OF FLAMMABLE VAPORS, COMBUSTIBLE DUST, GAS OR OTHER COMBUSTIBLE MATERIALS.
- DO NOT EXCEED 144°F (62°C).
- NEVER LEAK BILLOW OUT AIR COMPRESSOR UNATTENDED WHILE OPERATING.
- NEVER PLACE OBJECTS AGAINST OR ON TOP OF AIR COMPRESSOR.
- OPERATE AIR COMPRESSOR 12 INCHES AWAY FROM ANY WALL OR OBSTRUCTIONS THAT WOULD RESTRICT PROPER VENTILATION.
- NEVER OVERFLOW OR DISABLE THE AIR COMPRESSOR’S TEMPERATURE PROTECTION CUTOFF FEATURE.
- ALWAYS ALLOW THE UNIT TO COOL BEFORE STORING.

1.3 Risk of Inhaling

- AIR FROM THE AIR COMPRESSOR MAY CONTAIN TINSE VAPORS OR SOLID PARTICLES.
- NEVER INHALE AIR FROM THE AIR COMPRESSOR DIRECTLY OR FROM A BREATHING DEVICE CONNECTED TO THE AIR COMPRESSOR.
- DO NOT USE THIS AIR COMPRESSOR TO FILL A SCUBA TANK TO BE USED FOR SCUBA DIVING. THE AIR FROM THIS AIR COMPRESSOR IS NOT PURIFIABLE.

1.4 Risk of Flying Objects

- ALWAYS WEAR PROTECTIVE GLOVES TO PROTECT THE EYES FROM FLYING DEBRIS.
- NEVER ExHAUSE PRESSURIZED AIR IN AIR COMPRESSOR. SHUT OFF AIR COMPRESSOR AND RELIEVE PRESSURE WHEN FINISHING OR ATTEMPTING MAINTENANCE.
- ALWAYS USE EXHAUST HOSE TO BLOWER HOLE BEFORE DISCONNECTING HOSE FROM AIR COMPRESSOR.
- DO NOT MOVE THE AIR COMPRESSOR WHILE ANY PCP ARGON CAVITY PANTHER CYLINDER OR AIR TANK IS UNDER PRESSURE.
- DO NOT ATTEMPT TO MOVE THE AIR COMPRESSOR ON ANY ARGON CYLINDER, OR TANK ATTACHED TO IT.

1.5 Temperature Protection Cutoff Feature

- To prevent the air compressor from overheating, the air compressor is equipped with an automatic temperature protection cutoff feature that will automatically shut off the air compressor at its internal temperature reaches 194°F (90°C). NOTE: If the air compressor does not shut off when its temperature reaches 90°F, manually shut off the air compressor and contact customer service before using again.

2. LEARNING THE PARTS OF YOUR AIR COMPRESSOR

3. ASSEMBLY INSTRUCTIONS

1. Remove the temporary red sealing plug from the air compressor outlet located on the front of the air compressor (Fig. 2A).
2. Using a small funnel, pour in the air compressor oil (Fig. 2B).

NOTE: Use only Air Compressor oil or 5W–40 motor oil.
3. Fill the air compressor with water using the appropriate oil level (Fig. 7). • The oil level should be in the middle and the top of the oil sight located in the center of the Oil Level Indicator Window.
• DO NOT OVER FILL.
4. Screw in the black oil breather tube into the motor casing (Fig. 2C).
5. Screw in the male fitting onto the air compressor (Fig. 3A).
6. Connect the fill hose to the air compressor using the quick connect (Fig. 3B).
7. Connect the power cord to the air compressor and follow the operating instructions below in Section 4.

4. OPERATING INSTRUCTIONS

1. IMPORTANT: To protect your air compressor’s fuse and to avoid harm, ALWAYS use the Release Valve (Blended Screw) to release (bleed off) the air in the Air Compressor Fill hose after every use of the air compressor.

1. Automatic Pressure Switch Off Feature

- The air compressor is equipped with an automatic pressure cutoff feature that will shut off the air compressor when the air compressor reaches its set design pressure.
- Rotate the knob on the pressure gauge to the desired pressure setting (Fig. 4).
- To increase the pressure setting, rotate the knob clockwise.
- To decrease the pressure setting, rotate the knob counterclockwise.

NOTE: To test the pressure setting feature, use the follower fitting plug provided in your spare parts kit and connect it to the end of the Fill hose (Fig. 4).

1. IMPORTANT: IF THE AIR COMPRESSOR DOES NOT SHUT OFF WHEN THE AIR COMPRESSOR REACHES THE DESIGNED PRESSURE, MANUALLY SHUT OFF THE AIR COMPRESSOR AND CONTACT CUSTOMER SERVICE BEFORE USING AGAIN.

1.5 Automatic Timer Cut-off Feature

- The air compressor is also equipped with an automatic timer cut-off feature that will shut off the air compressor after 40 minutes of continuous operation. If filling a large tank from zero pressure, you will likely be required to restart the air compressor. Let the air compressor cool for at least twenty minutes before you restart the air compressor.

1. IMPORTANT: IF THE AIR COMPRESSOR DOES NOT SHUT OFF AFTER 40 MINUTES OF CONTINUOUS OPERATION, MANUALLY SHUT OFF THE AIR COMPRESSOR AND CONTACT CUSTOMER SERVICE BEFORE USING AGAIN.

2. Water Tank

1. IMPORTANT: Water freezes at about 32°F (0°C). DO NOT store your air compressor in places, such as the garage or an outside shed, where the temperature can drop below freezing. This can cause the water to freeze and could damage some of the components of the compressor.

2. CAUTION: The rubber plug from the water tank.

3. Fill the tank with water. Distilled water is recommended.

4. Replace the rubber plug. Before using and/or storing the compressor, inspect its cotton filter in the Hose Filter (See Section 1).

5. Use on the cooling system by pressing down the “A” symbol on the air compressor switch (Fig. 6).

6. Top of the Water Tank as needed to maintain at least an 80% water level during operation.

7. Monitor the air compressor and airgun, air cylinder, or tank you are filling. DO NOT leave the air compressor or airgun, air cylinder, or tank filled unattended.

8. The air compressor will automatically shut off after the set maximum fill pressure is reached. However, if it can be manually reset by pressing the “A” symbol on the air compressor switch. NEVER FIT YOUR ARGON, AIR CYLINDER, OR TANK BEYOND THE MAXIMUM FILL PRESSURE AT ROOM TEMPERATURE.

9. Loosen the release valve (blended screw) to release all of the air in the Fill hose to avoid hose whip from pressure in the Fill hose (Fig. 4). TIPS: Never use an air compressor to fill a gas tank for use in vehicles.

10. Disconnect the compressor’s fill hose from the Fill hose nipple on the argon, air cylinder, or tank.

11. Disconnect the cooling system and turn off the compressor.

12. Turn off the cooling system and turn off the compressor.
5. MAINTAINING YOUR AIR COMPRESSOR
 Check oil and water levels prior to each use.

5.1 Water Tank
 IMPORTANT: Water freezes at about 32°F (0°C). DO NOT leave or store your air compressor in places, such as the garage or an outside shed, where the temperature can drop below freezing. This can cause the water to freeze and could damage some of the components of the compressor.

1. Top of the water tank and make sure it is at least 10% full or higher during operation.

5.2 Oil Change
 It is recommended that you change the oil for the first time after the earlier of one (1) month or 25 hours of use. After the first oil change it is recommended that you change the oil every time (3) months or 50 hours of use.

2. Raise the rear of the compressor to 60° forward.
3. Locate the drain screw below the oil level window indicator (Fig. 10).
4. Remove the drain screw to drain the oil. Properly dispose of the used oil in accordance with your location’s environmental laws and regulations.
5. Replace and tighten the drain screw.
6. Remove the black oil breather tube and refill the motor with air compressor or SW-40 motor oil to the appropriate level.
7. The oil level should be between the bottom of the Oil ID dot located in the center of the Oil Level Indicator Window. DO NOT OVER-FILL.
8. Restart the black oil breather tube.

5.3 Cotton Filters
 a. Hose w/ in-line Air Filter
 It is recommended that you change the cotton air filter if they become deformed or extremely dirty (filters sold separately).

1. Unplug the air compressor and remove the power cord.
2. Unscrew the hose filter and remove the cotton air filter.
3. Squeeze the cotton filter dry to remove excessive amount of moisture.
4. Replace cotton filter if it becomes deformed or extremely dirty (filter sold separately).

b. Main Output Air Filter
 It is recommended that you change the cotton air filter of the main separator body after the earlier of three (3) months or 50 hours of use (filters sold separately).

1. Unplug the air compressor and remove the power cord.
2. Unscrew the hose filter and remove the cotton air filter.
3. Use a wrench to remove the hexagon shaped adapter and gauge from the separator main body (Fig. 11).
4. Remove the (1) cotton air filter and replace with new cotton air filter.
5. Reinstall the hexagon shaped adapter and gauge to the separator main body.
6. Reinstall the main top shell of the compressor.

NOTE: DO NOT open the compressor for cleaning. DO NOT use any detergent or solvents which might contain chemicals that could damage plastic components and/or painted surfaces of the compressor.

5.4 Oil Change

1. Check oil and water levels prior to each use.
2. If filling a large tank from zero pressure, it will require you to restart your compressor.
3. Let the air compressor cool down for at least twenty minutes before you restart the compressor.
4. Check oil and water levels prior to each use.
5. If filling a large tank from zero pressure, it will require you to restart your compressor.

6. TROUBLESHOOTING

6.1 Air Compressor will not start

1. Resolution – Check to make sure the air compressor is plugged into an active electrical outlet.
2. Resolution – Check the breaker button on the compressor, push in to reset.

6.2 Air Compressor is not building pressure

1. Resolution – Make sure relief valve is closed. If relief valve is closed and the air compressor is still not building pressure, turn off air compressor and contact Customer Service.
2. Resolution – Check the breaker button on the compressor, push in to reset.

6.3 Air Compressor shuts off before reaching desired pressure

1. Resolution – Make sure the Automatic Drain Valve (Auto-Drain Valve) is set properly.
2. Resolution – If the air compressor has been running continuously for 40 minutes, simply restart the air compressor by turning off and then on again to continue filling.

NOTE: The air compressor is equipped with an automatic timer cutoff feature that will automatically shut off the air compressor after 40 minutes of continuous operation. If filling a large tank from zero pressure, it will require you to restart your compressor. Let the air compressor cool down for at least twenty minutes before you restart the compressor.

6.4 Burst Disc Failure

1. Resolution – Should the Burst Disc (Safety Valve) fail during use of the compressor, shut off the compressor and then close the valve of the device you are filling. Open the Release Valve (Blind Screw) to vent the remaining air from the compressor. Remove the Burst Disc retention screw (Fig. 12) to verify the Burst Disc has failed (there will be a hole in it). Remove the failed Burst Disc from the compressor. Additional Burst Discs are at the bag of spares part that comes with the compressor. Install a new Burst Disc and re-install the Burst Disc retention screw by turning it clockwise.

6.5 Air Compressor Overheats

1. Resolution – Make sure the Water Tank is filled with water. If it is not filled at least 80% full, top off the water. Let the air compressor cool for at least 15 minutes prior to restarting the compressor.

In the unlikely event that your air compressor malfunctions, DO NOT ATTEMPT TO FIX THE PROBLEM YOURSELF. Please contact Customer Service.

6.6 Working Voltage

1. Resolution – Check to make sure the air compressor is plugged into an active electrical outlet.
2. Resolution – Check the breaker button on the compressor, push in to reset.

6.7 Water Tank

1. Resolution – Check to make sure the air compressor is plugged into an active electrical outlet.
2. Resolution – Check the breaker button on the compressor, push in to reset.

6.8 Oil Change

1. Resolution – Check oil and water levels prior to each use.
2. Resolution – Check the breaker button on the compressor, push in to reset.

LIMITED ONE YEAR WARRANTY
This product is warranted to be free of defects in materials and workmanship for 1 year. Buyer should retain the original sales receipt as record of date of purchase. This warranty does not cover defects, filters, attachments or other accessories. In the event of a defect under this warranty, Crosman will, at its option, repair or replace the product; provided, however, its inspection indicates that an original defect exists. Crosman reserves the right to replace any product which is no longer available with a product of comparable value and function. If Crosman determines the repair is not covered under the warranty guidelines, there could be a charge to you for the repair.

WHAT IS COVERED
1. Parts and Repair of any factory defect of material or workmanship.
2. Transportation charges to consumer for the repaired product or replacement product.

WHAT IS NOT COVERED
1. Transportation charges to the Authorized Service Personnel for defective product.
2. Normal wear and tear from regular use.
3. Damaged parts as a result from misuse, neglect or tampering.
4. Damage caused by abuse, modification or failure to perform normal maintenance — see Owner’s Manual.
5. Improper installation or maintenance performed by someone other than an Authorized service personnel.
6. Any other expense.

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STOP – BEFORE YOU RETURN THIS PRODUCT TO THE STORE
Save on gas and avoid the trip back to the store. Contact our Customer Service/Technical Support representatives for information and trouble-shooting help. Call 1-800-TARGET (1-800-727-4766) or find answers to frequently asked questions at www.crosman.com.

WARRANTY CLAIM AND REPAIR SERVICE
If your air compressor needs repair - DO NOT ATTEMPT TO DISASSEMBLE! Your air compressor requires special tools and fixtures to repair it. Any disassembly or modification not performed by Authorized Service Personnel will void the warranty.

U.S. Customers - Contact Crosman Customer Service at 1-800-724-7486 or e-mail us via www.crosman.com. You will be instructed where and how to send your air compressor in for repair under warranty.

Crosman Corporation
Attn: Warranty Dept.
7629 Route 1 & 20
Bloomfield, NY 14469

Include with your product a copy of your receipt and a brief description of the problem. Be sure to indicate your name, mailing address, e-mail address and telephone number. We recommend you use a method of shipping that provides you with a tracking number and insurance options. Crosman is not liable for any damaged, lost or stolen merchandise during shipping.

Canadian Customers - Contact the Grainy Agency, in Quebec at 866-662-4869.

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Specifications

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<tr>
<td>Working Voltage</td>
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