



# **HUSKY**

**The Toughest Name In Tools®**

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## **1.5-GALLON OIL-FREE AIR COMPRESSOR** Model # 41214



**TOLL FREE HELPLINE: 1-877-888-3872**  
**FOR SAFE OPERATION, READ AND UNDERSTAND**  
**ALL CONTENTS OF THE INSTRUCTION MANUAL**

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## SPECIFICATIONS

Model No.: 41214

Motor.....	120V 60Hz, 8-amp
Watts.....	960 watts
Tank Size.....	1.5-gallon
Pump Type.....	Single Cylinder: Belt Drive
Air Hose Type.....	25 Recoil, MAX. 200 PSI
Air Delivery.....	3.0 SCFM @ 40 PSI 2.0 SCFM @ 90 PSI
Cut-in Pressure.....	100 PSI
Cut-out Pressure.....	135 PSI
Max. Pressure.....	135 PSI
Power Cord.....	.6ft, 3-prong, 18 AWG
Weight.....	31.5lbs (14.3kg)

## SAFETY GUIDELINES - DEFINITIONS

This manual contains information that is important for you to know and understand. This information relates to protecting **YOUR SAFETY** and **PREVENTING EQUIPMENT PROBLEMS** . To help you recognize this information, we use the symbols below. Please read the manual and pay attention to these symbols.

<p><b>⚠ DANGER</b> Indicates an imminently hazardous situation which, if not avoided, <u>will</u> result in <u>death or serious injury</u>.</p>	<p><b>⚠ CAUTION</b> Indicates a potentially hazardous situation which, if not avoided, <u>may</u> result in <u>minor or moderate injury</u>.</p>
<p><b>⚠ WARNING</b> Indicates a potentially hazardous situation which, if not avoided, <u>could</u> result in <u>death or serious injury</u>.</p>	<p><b>⚠ CAUTION</b> Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, <u>may</u> result in <u>property damage</u>.</p>

## IMPORTANT SAFETY INSTRUCTIONS

**⚠ WARNING** Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known (to the State of California) to cause cancer, birth defects or other reproductive harm. Some example of these chemicals are:

- lead from lead-based paints
- crystalline silica from bricks and cement and other masonry products
- arsenic and chromium from chemically-treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, always wear MSHA/NIOSH approved, properly fitting face mask or respirator when using such tools.

When using air tools, basic safety precautions should always be followed to reduce the risk of personal injury.

Household use only. this product is not intended for commercial purposes.

# IMPORTANT SAFETY INSTRUCTIONS



**Save these instructions**



Improper operation or maintenance of this product could result in serious injury and property damage. Read and understand all warnings and operation instructions before using this equipment.

## HAZARD

**WARNING: Risk of explosion or fire**



What Could Happen	How To Prevent It
<p><b>It is normal for electrical contacts</b> within the motor and pressure switch <b>to spark</b>.</p>	<p>Always <b>operate the compressor in a well ventilated area free of combustible materials, gasoline, or solvent vapors</b>.</p>
<p><b>If electrical sparks</b> from compressor <b>come into contact with flammable vapors, they may ignite, causing fire or explosion</b>.</p>	<p>If spraying flammable materials, <b>locate compressor at least 20 feet away from spray area</b>. An additional length of hose may be required.  <b>Store flammable materials in a secure location away from compressor</b>.</p>
<p><b>Restricting any of the compressor ventilation openings</b> will cause serious overheating and <b>could cause fire</b>.</p>	<p><b>Never place objects against or on top of compressor</b>. Operate compressor in an open area <b>at least 12 inches away from any wall or obstruction</b> that would restrict the flow of fresh air to the ventilation openings.                      Operate compressor in a clean, dry well ventilated area.</p>
<p><b>Unattended operation</b> of this product <b>could result in personal injury or property damage</b>. To reduce the risk of fire, <b>do not allow the compressor to operate unattended</b>.</p>	<p><b>Always remain in attendance</b> with the product when it is operating.  <b>Always disconnect electrical power by moving pressure switch lever to the off position and drain tank daily or after each use</b>.</p>

## HAZARD

### WARNING: Risk of Bursting

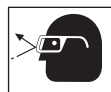


**Air Tank:** The following conditions could lead to a weakening of the tank, and result in a violent tank explosion and could cause property damage or serious injury.

What Could Happen	How To Prevent It
<p>1. Failure to properly drain condensed water from tank, causing rust and thinning of the steel tank.</p>	<p><b>Drain tank daily or after each use.</b> If tank develops a leak, replace it immediately with a new tank or replace the entire compressor.</p>
<p>2. Modifications or attempted repairs to the tank.</p> <p>3. Unauthorized modifications to the unloader valve, safety valve, or any other components which control tank pressure.</p>	<p><b>Never drill into, weld, or make any modifications to the tank or its attachments.</b></p>
<p>4. Excessive vibration can weaken the air tank and cause rupture or explosion</p>	<p>The tank is designed to withstand specific operating pressures. <b>Never make adjustments or parts substitutions to alter the factory set operating pressures.</b></p>
<p><b><u>ATTACHMENTS &amp; ACCESSORIES:</u></b> Exceeding the pressure rating of air tools, spray guns, air operated accessories, tires, and other inflatables can cause them to explode or fly apart, and could result in serious injury.</p>	<p>For essential control of air pressure, <b>you must install a pressure regulator and pressure gauge to the air outlet (if not equipped)</b> of your compressor. Follow the equipment manufacturers recommendation and never exceed the maximum allowable pressure rating of attachments. <b>Never use compressor to inflate small low pressure objects such as children's toys, footballs, basketballs, etc.</b></p>

## HAZARD

### WARNING: Risk from Flying Objects



WHAT CAN HAPPEN	HOW TO PREVENT IT
<p>The compressed air stream can cause soft tissue damage to exposed skin and can propel dirt, chips, loose particles, and small objects at high speed, resulting in property damage or personal injury.</p>	<p>Always wear ANSI Z87.1 approved safety glasses with side shields when using the compressor.</p> <p><b>Never point any nozzle or sprayer toward any part of the body or at other people or animals.</b></p> <p>Always <b>turn the compressor off and bleed pressure</b> from the air hose and tank before attempting maintenance, attaching tools or accessories.</p>

## HAZARD

### WARNING: Risk of Electric Shock



WHAT CAN HAPPEN	HOW TO PREVENT IT
<p>Your <b>air compressor is powered by electricity</b>. Like any other electrically powered device, <b>if it is not used properly it may cause electric shock</b>.</p>	<p><b>Never operate the compressor outdoors when it is raining or in wet conditions.</b></p> <p><b>Never operate compressor with protective covers removed or damaged.</b></p>
<p><b>Repairs attempted by unqualified personnel can result in serious injury or death by electrocution.</b></p>	<p>Any <b>electrical wiring or repairs</b> required on this product <b>should be performed by authorized service center personnel</b> in accordance with national and local electrical codes.</p>
<p>Electrical Grounding: <b>Failure to provide adequate grounding to this product could result in serious injury or death from electrocution.</b></p> <p>See grounding instructions.</p>	<p><b>Make certain that the electrical circuit to which the compressor is connected provides proper electrical grounding, correct voltage and adequate fuse protection.</b></p>

## HAZARD

### WARNING: Risk to Breathing



WHAT CAN HAPPEN	HOW TO PREVENT IT
<p>The <b>compressed air</b> directly from your compressor is <b>not safe for breathing</b>. The <b>air stream may contain carbon monoxide, toxic vapors, or solid particles</b> from the tank. <b>Breathing these contaminants can cause serious injury or death.</b></p>	<p><b>Air obtained directly from the compressor should never be used to supply air for human consumption.</b> In order to use air produced by this compressor for breathing, suitable <b>filters and in-line safety equipment must be properly installed.</b> In-line filters and safety equipment used in conjunction with the compressor <b>must be capable of treating air to all applicable local and federal codes prior to human consumption.</b></p>
<p><b>Sprayed materials</b> such as paint, paint solvents, paint remover, insecticides, weed killers, may <b>contain harmful vapors and poisons.</b></p>	<p><b>Work in an area with good cross ventilation.</b> Read and <b>follow the safety instructions</b> provided on the label or safety data sheets <b>for the materials you are spraying.</b> Use a <b>NIOSH/ MSHA approved respirator</b> designed for use with your specific application.</p>

## HAZARD

### WARNING: RISK OF BURNS



WHAT CAN HAPPEN	HOW TO PREVENT IT
<p>Touching exposed metal such as the compressor head or outlet tubes, can result in serious burns.</p>	<p>Never touch any exposed metal parts on compressor during or immediately after operation. Compressor will remain hot for several minutes after operation. Do not reach around protective shrouds or attempt maintenance until unit has been allowed to cool.</p>

## HAZARD

### WARNING: RISK FROM MOVING PARTS



WHAT CAN HAPPEN	HOW TO PREVENT IT
<p>Moving parts such as the pulley, flywheel, and belt can cause serious injury if they come into contact with you or your clothing.</p>	<p>Never operate the compressor with guards or covers which are damaged or removed.</p>
<p>Attempting to operate compressor with damaged or missing parts or attempting to repair compressor with protective shrouds removed can expose you to moving parts and can result in serious injury.</p>	<p>Any repairs required on this product should be performed by authorized service center personnel.</p>

## HAZARD

### WARNING: RISK OF FALLING



WHAT CAN HAPPEN	HOW TO PREVENT IT
<p>A portable compressor can fall from a table, workbench, or roof causing damage to the compressor and could result in serious injury or death to the operator.</p>	<p>Always operate compressor in a stable secure position to prevent accidental movement of the unit. Never operate compressor on a roof or other elevated position. Use additional air hose to reach high locations.</p>

## HAZARD

### WARNING: RISK OF SERIOUS INJURY OR PROPERTY DAMAGE WHEN TRANSPORTING COMPRESSOR



*(Fire, Inhalation, Damage to Vehicle Surfaces)*

WHAT CAN HAPPEN	HOW TO PREVENT IT
Oil can leak or spill and could result in fire or breathing hazard; serious injury or death can result. oil leaks will damage carpet, paint or other surfaces in vehicles or trailers.	Always place COMPRESSOR on a protective mat when transporting to protect against damage to vehicle from leaks. Remove COMPRESSOR from vehicle immediately upon arrival at your destination.

## HAZARD

### WARNING: RISK OF UNSAFE OPERATION



WHAT CAN HAPPEN	HOW TO PREVENT IT
Unsafe operation of your air compressor could lead to serious injury or death to you or others.	<p>Review and understand all instructions and warnings in this manual.</p> <p>Become familiar with the operation and controls of the air compressor.</p> <p>Keep operating area clear of all persons, pets, and obstacles.</p> <p>Keep children away from the air compressor at all times.</p> <p>Do not operate the product when fatigued or under the influence of alcohol or drugs. Stay alert at all times.</p> <p>Never defeat the safety features of this product.</p> <p>Equip area of operation with a fire extinguisher.</p> <p>Do not operate machine with missing, broken, or unauthorized parts.</p>



## GLOSSARY OF TERMS

Become familiar with these terms before operating the unit.

**CFM:** Cubic feet per minute.

**SCFM:** Standard cubic feet per minute; a unit of measure of air delivery.

**PSI:** Pounds per square inch; a unit of measure of pressure.

**Code Certification:** Products that bear one or more of the following marks: UL, CUL, ETL, CETL, have been evaluated by OSHA certified independent safety laboratories and meet the applicable Underwriters Laboratories Standards for Safety.

**Cut-In Pressure:** While the motor is off, air tank pressure drops as you continue to use your accessory. When the tank pressure drops to a certain low level the motor will restart automatically. The low pressure at which the motor automatically restarts is called "cut-in" pressure.

**Cut-Out Pressure:** When an air compressor is turned on and begins to run, air pressure in the air tank begins to build. It builds to a certain high pressure before the motor automatically shuts off - protecting your air tank from pressure higher than its capacity. The high pressure at which the motor shuts off is called "cut-out" pressure.

**Branch Circuit:** Circuit carrying electricity from electrical panel to outlet.

## GLOSSARY OF TERMS

Air compressors should be operated on not more than a 50% duty cycle. This means an air compressor that pumps air more than 50% of one hour is considered misuse, because the air compressor is undersized for the required air demand. Maximum compressor pumping time per hour is 30 minutes.

## Assemble Accessories

The unit is supplied with an accessory kit and inflator/deflator kit, choose the accessory needed.



13 Pcs Accessories

ITEM	NAME	AMOUNT
A-1	Recoil air hose	1
A-2	Inflation Needle	1
A-3	Rubber tip nozzle	1
A-4	Tapered Blow Gun Nozzle	1
A-5	Blow Gun Adapter	1
A-6	Blow Gun Safety Nozzle	1
A-7	Blow Gun	1
A-8	Tire Chuck	1
A-9	¼" Male Quick-Connect Plugs	1
A-10	Thread Seal Tape	1
A-11	Tire Gauge	1
A-12	Accessories Bag	1
A-13	¼" Female Quick-Connect Plug	1

## ASSEMBLY

### UNPACKING

This product has been shipped completely assembled.

- Carefully remove the tool and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the tool carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.
- If any parts are damaged or missing, please call 1-877-888-3872 for assistance.

### PACKING LIST

Air Compressor

Accessories (13)(NOTE: Accessory items are located in the front compartment of the compressor: Open to check)

Operator's Manual



## **Unpacking**

1. Remove unit from carton and discard all packaging.

**NOTE :** Save all parts.

## **Attaching air hose to compressor (Fig. A)**

1. Using your left hand push quick connect towards the body of the compressor.
2. Firmly press fit the male quick connect portion on the air hose into the female quick connect and release female quick connect locking hose in place.



**NOTE:** When connecting or disconnecting air hose remove air from tank.

## ASSEMBLY

### Assemble Accessory Kit (Fig. B)

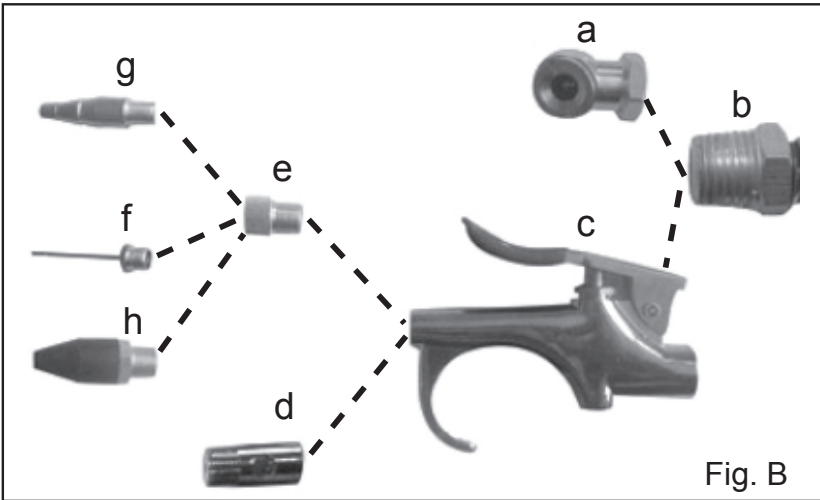


Fig. B

#### To Assemble Female Tire Chuck

1. Assemble female tire chuck (a) to hose (b) and tighten securely with wrenches.

#### To Assemble Accessories

1. Attach the blow gun (c) to hose (b).

**Risk of unsafe operation. If an accessory is not being used with the blow gun, the safety nozzle MUST be assembled.**

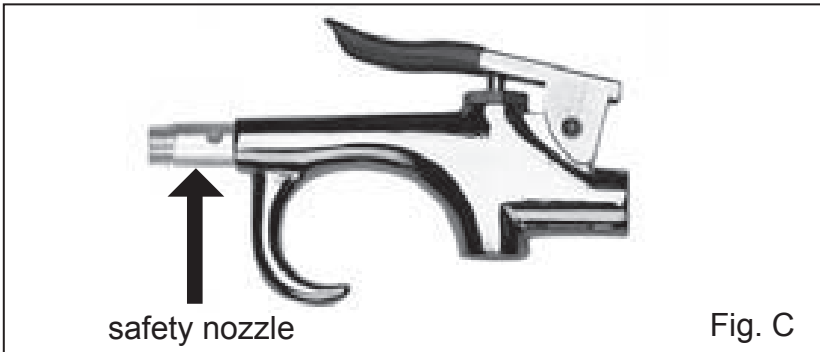


Fig. C

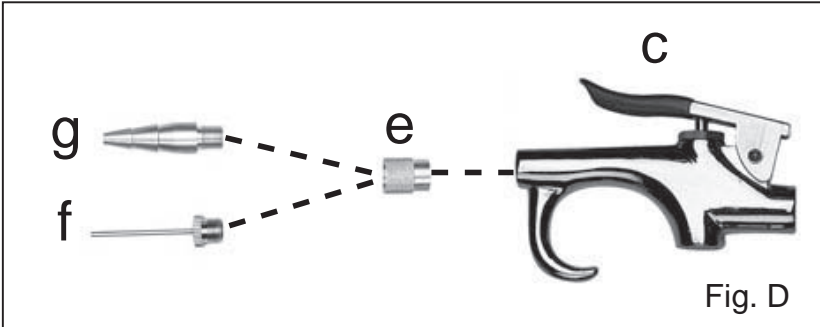
2. Assemble the safety nozzle (d), or blow gun adapter (e) to blow gun.

**NOTE:** To use the inflating needle (f) or the tapered inflator (g) or rubber blow gun tip (h), need to use the blow gun adapter (e) to assembled to the blow gun.

3. Attach the inflation needle (f) to the blow gun adapter on the blower gun.

## ASSEMBLY

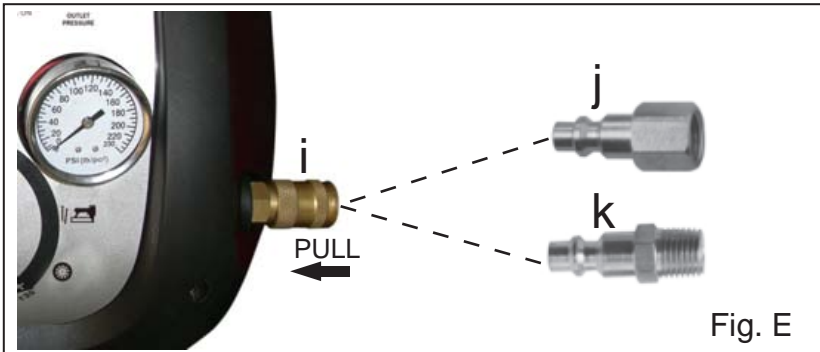
### Assembling Inflation needle or tapered nozzle



The blow gun (c) and blow gun adapter (e) from the accessory kit is needed to use the inflator/deflator kit. (See Fig. C/Fig. D)

1. Attach the blow gun to hose.
2. Attach blow gun adapter to blow gun.
3. Attach the inflation needle (f), tapered nozzle (g).

### Quick-Connect (Fig. E)



1. Assemble the 1/4" female quick-connect plug (k) or 1/4" male quick-connect plug to the 1/4" Female quick-connect body.
2. Attach the quick-connect plug to the hose.

**NOTE:** Always use PTFE tape on all threaded components, to prevent leaks.

**NOTE:** FEMALE QUICK CONNECT SOLD SEPARATELY

## INSTALLATION

### **HOW TO SET UP YOUR COMPRESSOR.**

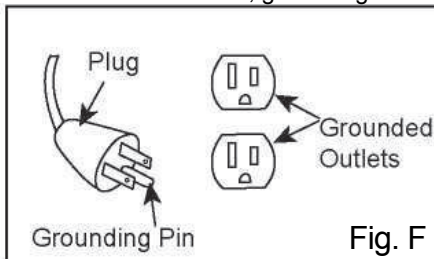
#### **Location of the Air Compressor**

Locate the air compressor in a clean, dry and well ventilated area. The air compressor should be located at least 12" away from the wall or other obstructions that will restrict the flow of air. The air compressor pump and shroud are designed to allow for proper cooling. The ventilation openings on the compressor are necessary to maintain proper operating temperature. Do not place rags or other containers on or near these openings.

# INSTALLATION

## GROUNDING INSTRUCTIONS (Fig. F)

**DANGER!** Risk of Electric Shock. In the event of a short circuit, grounding reduces the risk of shock by providing an escape wire for the electric current. This air compressor must be properly grounded. The portable air compressor is equipped with a cord having a grounding wire with an appropriate grounding plug (see following illustrations). The plug must be used with an outlet that has been installed and grounded in accordance with all local codes and ordinances.



1. The cord set and plug with this unit contains a grounding pin. This plug **MUST** be used with a grounded outlet.

**IMPORTANT:** The outlet being used must be installed and grounded in accordance with all local codes and ordinances.

2. Make sure the outlet being used has the same configuration as the grounded plug. **DO NOT USE AN ADAPTER.** (See illustration)

4. If these grounding instructions are not completely understood, or if in doubt as to whether the compressor is properly grounded, have the installation checked by a qualified electrician.

**Risk of Electric Shock. IMPROPER GROUNDING CAN RESULT IN ELECTRICAL SHOCK.** When repair or replacement of the cord or plug is required, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire. Do not modify the plug provided. If it does not fit the available outlet, a correct outlet should be installed by a qualified electrician. Repairs to the cord set or plug **MUST** be made by a qualified electrician.

## Extension Cords

**NOTE: USE EXTRA AIR HOSE INSTEAD OF AN EXTENSION CORD TO AVOID VOLTAGE DROP AND POWER LOSS TO THE MOTOR. IF AN EXTENSION CORD MUST BE USED, BE SURE IT IS:**

3-wire extension cord that has a 3-blade grounding plug, and a 3-slot receptacle that will accept the plug on the product

in good condition no longer than 30 feet

14 gauge (AWG) or larger. (Wire size increases as gauge number decreases.

14, 12, 10, and 8 AWG may also be used.

## Voltage and Circuit Protection

Refer to the specification chart for the voltage and minimum branch circuit requirements.

**⚠ DANGER** Risk of Unsafe Operation. Certain air compressors can be operated on a 15 A circuit if the following conditions are met.

1. Voltage supply to circuit must comply with the National Electrical Code.
2. Circuit is not used to supply any other electrical needs.
3. Extension cords comply with specifications.
4. Circuit is equipped with a 15 A circuit breaker or 15 A time delay fuse.

**NOTE:** If compressor is connected to a circuit protected by fuses, use only time delay fuses. Time delay fuses should be marked "D" in Canada and "T" in the US.

If any of the above conditions cannot be met, or if operation of the compressor repeatedly causes interruption of the power, it may be necessary to operate it from a 20 A circuit. It is not necessary to change the cord set. Please contact a qualified technician.



## OPERATION

### Know Your Air Compressor (Fig.G)

READ THIS OWNER'S MANUAL AND SAFETY RULES BEFORE OPERATING YOUR UNIT. Compare the illustrations with your unit to familiarize yourself with the location of various controls and adjustments. Save this manual for future reference



### Description of Operation

Become familiar with these controls before operating the unit.

**Off/Auto-On Switch:** Turn this switch to "ON" to provide automatic power to the pressure switch and "OFF" to shut off the power.

**Pressure Switch (not shown):** The pressure switch automatically starts the motor when the air tank pressure drops below the factory set "cut-in" pressure. It stops the motor when the air tank pressure reaches the factory set "cut-out" pressure.

**Safety Valve:** If the pressure switch does not shut off the air compressor at its "cut-out" pressure setting, the safety valve will protect against high pressure by "popping out" at its factory set pressure (slightly higher than the pressure switch "cut-out" setting).

**Tank Pressure Gauge:** The tank pressure gauge indicates the air pressure in tank.

**Outlet Pressure Gauge:** The outlet pressure gauge indicates the air pressure available at the outlet side of the regulator. This pressure is controlled by the regulator and is always less than or equal to the tank pressure.

**Overload Protection Switch:**

Protects motor from overload.

## OPERATION

**Regulator:** Controls the air pressure shown on the outlet pressure gauge. Turn knob clockwise to increase pressure and counterclockwise to decrease pressure.

**Female Tire Chuck:** Attaches to the hose end to be used to inflate tires.

**Note:** To ensure correct tire pressure use a tire pressure gauge. **Blow Gun:** Ideal for blowing, cleaning, and inflating. Depress lever on to release the air. Attaches to hose end.

**Safety Nozzle:** Prevents pressure build-up. Attaches to blow gun outlet.

**Blow Gun Adapter:** Attaches to the blow gun to allow the tapered inflator, inflating needle, or high flow inflator/deflator adapter body to be used.

**Inflation needles:** Used to inflate sport balls. Requires blow gun adapter.

**Tapered Blow Gun Nozzle:** Used to inflate toy inflatables/air mattresses. tapered inflator attaches to blow gun Brass outlet and plastic tapered inflator requires the blow gun adapter.

**Rubber Tip Nozzle:** Used to inflate toy inflatables/air mattresses. Attaches to blow gun outlet.

**Inflator/Deflator Adapter Body:** Used with inflator/deflator nozzles it attaches directly to the universal valve adapter to inflate or deflate air mattresses, small boats, inflatable toys, and other inflatable items that use a large volume of low-pressure air. Requires blow gun adapter.

**Inflator/Deflator Nozzles:** Used with the high flow inflator/deflator adapter body.

**Thread Seal Tape:** Used with inflator/deflator nozzles to prevent air from leaking out of inflatables with very large air inlets.

**Drain Valve (not shown):** The drain valve is located at the base of the air tank and is used to drain condensation at the end of each use.

**Air Compressor Pump (not shown):** Compresses air into the air tank. Working air is not available until the compressor has raised the air tank pressure above that required at the air outlet.

**▲ WARNING** Risk of Unsafe Operation. Serious damage may result if the following break-in instructions are not closely followed. This procedure is required before their compressor is put into service.

1. Make sure the Off/Auto-On switch is in the "Off" position.
2. Turn the regulator knob counterclockwise until it stops.
3. Plug the power cord into the correct branch circuit receptacle. (Refer to Voltage and Circuit Protection paragraph in the Installation section of this manual.)
4. Open the drain valve fully (counterclockwise) to permit air to escape and prevent air pressure build up in the air tank during the break-in period.
5. Move the Off/Auto-On switch to "Auto-On" position. The compressor will start.
6. Run the compressor for 15 minutes. Make sure the drain valve is open and there is minimal air pressure build-up in tank.
7. After 15 minutes, close the drain valve (clockwise). The air receiver will fill to "cut-out" pressure and the motor will stop.  
The compressor is now ready for use.

## OPERATION

### Before Each Start-Up:

1. Place Off/Auto-On switch to "Off" and close air regulator.
2. Turn the regulator knob counterclockwise until it stops. Attach hose and accessories.

**⚠ WARNING** Risk of Bursting. Too much air pressure causes a hazardous risk of bursting. Check the manufacturer's maximum pressure rating for air tools and accessories. The regulator outlet pressure must never exceed the maximum pressure rating. **How to Start: (Fig. H)**

1. Turn the Off/Auto-On switch to "Auto-On" and allow tank pressure to build. Motor will stop when tank pressure reaches "cut-out" pressure.
2. Turn the regulator knob clockwise until desired pressure is reached.

**NOTE:** To use the suggested pressure readings on the label, turn the regulator knob clockwise until the needle on the pressure gauge aligns with the desired suggested pressure reading icons.



Fig. H

3. The compressor is ready for use.

## OPERATION

### How to Use Telescopic Handle and Wheels for Easier Mobility

1. Slide handle out until it locks into place. (Fig. I)



2. Pull or push unit as shown.

**IMPORTANT:** This handle is for pushing or pulling the unit. DO NOT lift the unit by this handle. (Fig. J)



3. To lower handle, push handle until it snaps into place for storage.

## OPERATION

### USING THE TIRE PRESSURE GAUGE (Fig. K)

Place the tire gauge opening on the valve stem of the tire and firmly hold in place for at least 2 seconds. If required check twice for accuracy.

The side wall of your tire will specify the maximum PSI or KPA rating however the pressure level for everyday driving will be specified in your vehicles manual and should be followed. It is suggested to review your vehicles owners manual for optimum tire pressure by season or contact your tire manufacturer for more details.

NOTE: Check tire condition and pressure at least once a month and before any long trip. Never exceed the maximum cold tire inflation pressure shown on the tire side wall. The tire pressures should be checked when the tires are cold. On hot days the pressures will be 4 to 8 psi (28 - 50 KPA) higher after high speed driving.

#### Using the tire chuck:

1. Connect tire chuck to hose using PTFE tape on threads. You may also attach the tire chuck to a male quick connect for quick and easy removal in the future.
2. Connect hose to compressor and turn switch to ON position. Allow pressure to build up to maximum pressure level in tank.
3. Adjust regulator pressure to MAXIMUM position. In maximum output pressure position 135psi the tire will fill up quicker and accurately however it is extremely important to monitor the air flow using the tire gauge as it is in process of being filled to ensure of not overfilling tire.

NOTE: If maximum pressure is not used for output of the compressor to tire than the tire may not fill as there may be a pressure lock between the tire and the hose which is normal. Due to this always use maximum pressure from compressor and continue to monitor pressure with gauge.

4. Place tire chuck on tire valve stem and press firmly into place to prevent air from leaking out of tire.
5. Remove tire chuck from valve stem and check pressure using a tire gauge. This process needs to be followed throughout the process of filling each tire to ensure of accuracy and to prevent overfilling.

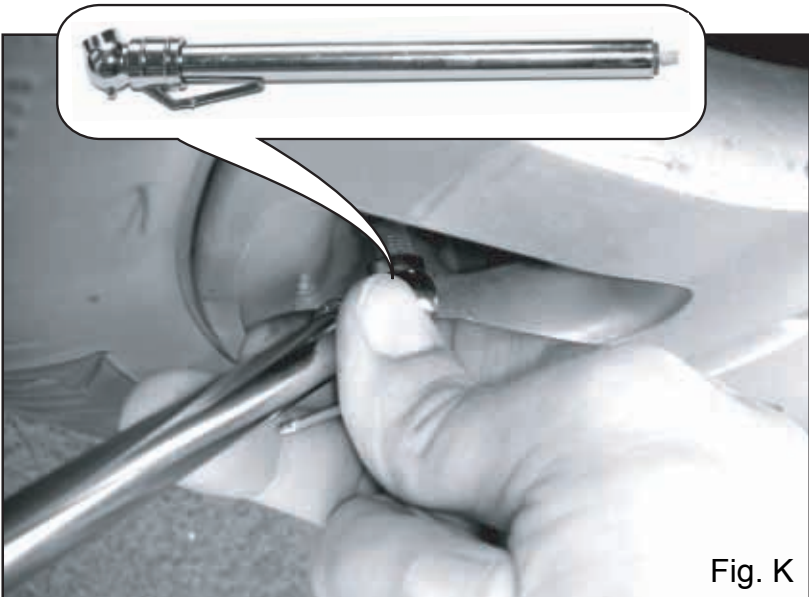


Fig. K

## MAINTENANCE

### Customer Responsibilities

	Before each use	Daily or after each use
Check Safety Valve	•	
Drain Tank		•

**Risk of Unsafe Operation. Unit cycles automatically when power is on. When performing maintenance, you may be exposed to voltage sources, compressed air, or moving parts. Personal injuries can occur. Before performing any maintenance or repair, disconnect power source from the compressor and bleed off all air pressure.**

**NOTE:** See "Operation" section for the location of controls.

#### To Check Safety Valve

**Risk of Bursting. If the safety valve does not work properly, over-pressurization may occur, causing air tank rupture or an explosion.**

1. Before starting compressor, pull the ring on the safety valve to make sure that the safety valve operates freely. If the valve is stuck or does not operate smoothly, contact a trained service technician.

## MAINTENANCE

### To Drain Tank (Fig. L)

**NOTICE:** Allow unit to cool before draining tank, drain valve becomes hot during operation.

1. Set the Off/Auto-On switch to "Off".
2. Turn the regulator knob counter clockwise to set the outlet pressure to zero.
3. Pull and hold ring on safety valve allowing air to bleed from the tank until air pressure is minimized.
4. Place unit on blocks to lift unit off of ground.
5. Place suitable container under unit to catch water.
6. Slightly tilt unit and turn drain valve counter clockwise to open.
7. Place unit back onto blocks to drain water from air tank.
8. After the water has been drained, close the drain valve (clockwise). The air compressor can now be stored.

**Risk of Bursting. Water will condense in the air tank. If not drained, water will corrode and weaken the air tank causing a risk of air tank rupture.**



Fig. L

## STORAGE

Before you store the air compressor, make sure you do the following:

1. Drain tank, see "To Drain Tank" paragraph in the "Maintenance" section of this manual for the correct procedure.

**▲WARNING** Risk of Bursting. Water will condense in the air tank. If not drained, water will corrode and weaken the air tank causing a risk of air tank rupture.

2. Store accessories in the accessory storage located on back of unit.(Fig. M)



Fig. M



Fig. N

**WARNING:** Before opening the storage door, please make sure the power cord is unplugged. (Fig. N)

3. Wrap the electrical cord loosely, snap it into itself as shown for storage
4. Store the air compressor in a clean and dry location.



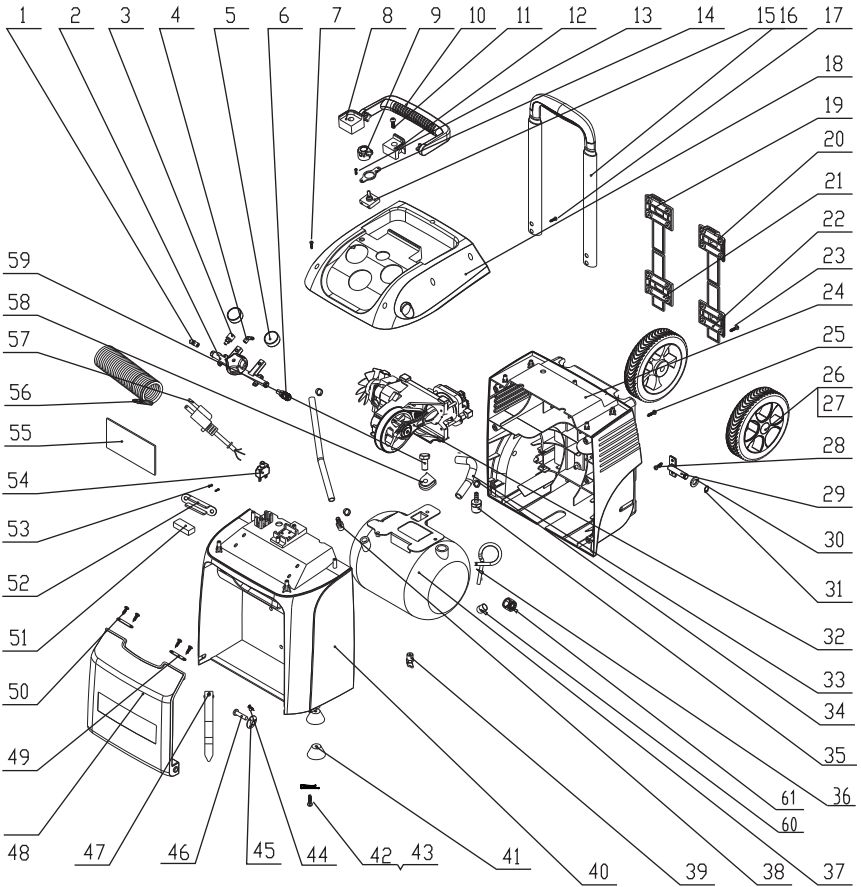
## TROUBLESHOOTING

**▲ WARNING** Risk of Unsafe Operation. Performing repairs may expose voltage sources, moving parts or compressed air sources. Personal injury may occur. Prior to attempting any repairs, unplug the air compressor and bleed off all air tank air pressure.

PROBLEM	CAUSE	CORRECTION
Excessive tank pressure - safety valve pops off.	1. Pressure switch does not shut off motor when compressor reaches "cut-out" pressure. 2. Pressure switch "cut-out" too high.	1. Place Off/Auto-On switch to the "Off" position, if the unit does not shut off contact a Trained Service Technician. 2. Contact a Trained Service Technician.
Air leaks at fittings.	Tube fittings are not tight enough.	Tighten fittings where air can be heard escaping. Check any exposed fittings with soapy water solution. <b>Do Not overtighten.</b> Apply sealant tape to threads of exposed fittings.
Air leak from safety valve.	Possible defect in safety valve.	Operate safety valve manually by pulling on ring. If valve still leaks, Contact a Trained Service Technician.
Tire will not fill with air	Air pressure output on compressor is set to low.	Air pressure output from compressor should set to <b>MAXIMUM</b> level for tire servicing and monitored using tire pressure gauge.
Pressure reading on the regulated pressure gauge drops when an accessory is used.	It is normal for "some" pressure drop to occur.	If there is an excessive amount of pressure drop when the accessory is used, adjust the regulator following the instructions in the "Description of Operation" paragraph in the "Operation Section. <b>NOTE:</b> Adjust the regulated pressure under flow conditions (while accessory is being used).

PROBLEM	CAUSE	CORRECTION
Compressor is not supplying enough air to operate accessories.	Prolonged excessive use of air. Compressor is not large enough for air requirement.  Hole in hose. Air leaks.	Decrease amount of air usage. Check the accessory air requirement. If it is higher than the SCFM or pressure supplied by your air compressor, you need a larger compressor.  Check and replace if required.  Tighten any exposed fittings.
Motor will not run.	<ol style="list-style-type: none"> <li>1. Fuse blown, circuit breaker tripped.</li> <li>2. Extension cord is wrong length or gauge.</li> <li>3. Loose electrical connections.</li> <li>4. Faulty motor.</li> <li>5. Overload protection tripped.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check fuse box for blown fuse and replace as necessary. Reset circuit breaker. Do not use a fuse or circuit breaker with higher rating than that specified for your particular branch circuit. Check for proper fuse. You should use a time delay fuse. Check for low voltage problem. Check the extension cord. Disconnect the other electrical appliances from circuit or operate the compressor on its own branch circuit.</li> <li>2. Check the extension cord.</li> <li>3. Check wiring connection inside terminal box.</li> <li>4. Have checked by a Trained Service Technician.</li> <li>5. Allow the compressor rest for about half an hour before reset overload protector.</li> </ol>
Pressure gauge does not indicate air pressure	<ul style="list-style-type: none"> <li>- Regulator valve is not open to allow air flow through to tool and gauge.</li> <li>- Drain valve is open not allowing tank to build up pressure.</li> </ul>	<ul style="list-style-type: none"> <li>- Turn regulator clockwise to open and allow air through to tool and gauge.</li> <li>- Close drain valve and turn compressor on to fill up tank with air.</li> </ul>

# PART LISTS



## PART LISTS

Item No.	Part No.	Qty	Description
1	3390175	1	safety valve
2	31101110	1	regulator subassembly
3	3630275	1	pressure switch
4	3320297-1	1	copper pin
5	31901110	2	pressure gauge
6	3321175	1	quick-connect
7	3220375	7	screw
8	34109110	1	handle board (right)
9	34113110	1	switch button
10	34107110	1	handle
11	32201110	2	screw
12	34108110	1	handle board (left)
13	3220401	2	screw
14	34111110	1	switch board
15	36301110	1	power switch
16	31102110	1	pulling handle
17	3220210	4	screw
18	34101110	1	top housing
19	34105110	1	cord management
20	34104110	1	cord management
21	34117110	1	cord management
22	34116110	1	cord management
23	3220375	16	screw
24	34102110	1	rear housing
25	3220245	6	screw
26	31104110	2	wheel
27	34115110	2	wheel cap
28	3220175	4	screw
29	33206110	2	wheel axle
30	3290440	2	washer

## PART LISTS

Item No.	Part No.	Qty	Description
31	3290875	2	Ø10 clip ring
32	3110175	1	motor-pump assembly
33	3421275-1	2	soft tube
34	3390475	3	Ø14 clip ring
35	3320275	1	single direction valve
36	3310275-2	2	aluminium tube
37	33302110	1	tank
38	3750251	1	copper connector
39	3290275	1	drain valve
40	34103110	1	front housing
41	3420375	2	rubber feet
42	32202108	2	screw
43	3330375	2	foot clip
44	3220403	6	screw
45	33301110	2	shaft bushing
46	33201110	2	rotated shaft
47	37501110	1	velcro piece
48	34106110	1	storage cover
49	33304110	2	steel plate
50	32202108	4	screw
51	33905110	2	magnet
52	33303110	2	magnet board
53	3220323	4	screw
54	36301108-1	1	overload protection
55	34901110	1	accessory bag
56	3790175	1	air hose
57	36401110	1	power cord assembly
58	3420251-1	3	vibration bumper
59	32202110	3	bolt
60	3320875-1	1	copper hoop
61	3320975-1	1	copper nut

## LIMITED WARRANTY

This product covered under this warranty is free from defects in material and workmanship for one (1) YEAR limited warranty on air compressor components.

The Authorized Warranty Service will repair or replace, at its option, products or components which have failed within the warranty period. Service will be scheduled according to the normal work flow and business hours at the service centre location, and the availability of replacement parts. All decisions with regard to this limited warranty shall be final. **RESPONSIBILITY OF ORIGINAL PURCHASER :**

- To process a warranty claim on this product, DO NOT return the tool to the retailer. The product must be evaluated by a Authorized Warranty Service Centre. For the location of the nearest Authorized Warranty Service Centre call 1-877-888-3872, between 8:30 AM and 5:00 Monday to Friday.
- Retain original sales receipt as proof of purchase for warranty work.
- Use reasonable care in the operation and maintenance of the product as described in the Owner's Manual(s).
- Deliver or ship the product to the nearest Authorized Warranty Service Centre. Freight costs, if any, must be paid by the purchaser.

**THIS PRODUCT IS NOT UNDER WARRANTY FOR COMMERCIAL PURPOSES.**

**THIS WARRANTY DOES NOT COVER:**

- Merchandise sold as reconditioned, used as rental equipment, and floor or display
- models.
- Merchandise that has become damaged or inoperative because of ordinary wear, misuse, cold, heat, rain, excessive humidity, freeze damage, use of improper chemicals, negligence, accident, failure to operate the product in accordance with the instructions provided in the Owners Manual(s) supplied with the product, improper maintenance, the use of accessories or attachments not recommended by the manufacturer, or unauthorized repair or alterations.
- An air compressor that pumps air more than 50% during a one hour period is considered misuse because the air compressor is undersized for the required air demand.
- Repair and transportation costs of merchandise determined not to be defective.
- Costs associated with assembly, adjustments or other installation and start-up costs.
- Expendable parts or accessories supplied with the product which are expected to become inoperative or unusable after a reasonable period of use, including but not limited to sanding disks or pads, saw and shear blades, grinding stones, springs, chisels, nozzles, o-rings, air jets, washers and similar accessories.
- Merchandise sold by which has been manufactured by and identified as the product of another company such as gasoline engines. The product manufacturer's warranty, if any, will apply.
- ANY INCIDENTAL, INDIRECT OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE OR MALFUNCTION OF THE PRODUCT IS NOT COVERED BY THIS WARRANTY.
- IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE.

## FOR REPAIR PARTS & TECHNICAL ASSISTANCE:

**For Parts, Service, Warranty or other  
Assistance, Please call  
1-877-888-3872.**