

See Warranty on page 4 for important information about commercial use of this product.

## Operating Instructions

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.



# Air Cut-Off Tool

## Description

Professional air powered cut-off tools are air tools designed for a variety of cutting applications, and can be used on many metals. Used for cutting rusted exhaust bolts, auto panels and various home projects.

## Unpacking

When unpacking this product, carefully inspect for any damage that may have occurred during transit.

## General Safety Information

### CALIFORNIA PROPOSITION 65

#### **⚠ DANGER**

You can create dust when you cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm. Wear protective gear.



This product is part of a high pressure system and the following safety precautions must be followed at all times along with any other existing safety rules.



1. Read all manuals included with this product carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
2. Only persons well acquainted with these rules of safe operation should be allowed to use the air tool.

**⚠ CAUTION** Do not exceed the maximum operating pressure of the air tool (90 psi). This can reduce the life of the tool.

3. Do not exceed any pressure rating of any component in the system. Maximum operating pressure of 90 psi is measured at the tool inlet while the tool is running. The pressure drop between the compressor and tool needs to be compensated for at the compressor.
4. Disconnect the air tool from air supply before changing tools or attachments, servicing and during non-operation.

#### **⚠ WARNING**

Safety glasses and ear protection must be worn during operation.



5. Do not wear loose fitting clothing, scarves, neck ties or jewelry when operating any tool. Loose clothing or jewelry may become caught in moving parts and result in serious personal injury.
6. Do not depress trigger when connecting the air supply hose.
7. Always use attachments designed for use with air powered tools. Do not use damaged or worn attachments.
8. Never trigger the tool when not applied to a work object. Attachments must be securely attached. Loose attachments can cause serious injury.
9. Protect air lines from damage or puncture.
10. Never point an air tool at oneself or any other person. Serious injury could occur.
11. Check air hoses for weak or worn condition before each use. Make sure all connections are secure.

#### **⚠ WARNING**

Release all pressure from the system before attempting to install, service, relocate or perform any maintenance.



12. Keep all nuts, bolts and screws tight and ensure equipment is in safe working condition.
13. Do not put hands near or under moving parts. Keep hands off guard when operating. Do not operate tool without guard properly secured.
14. Always secure workpiece in a vise or clamp.



#### **⚠ WARNING**

Do not misuse this product. Excessive exposure to vibration, work in awkward positions and repetitive work motions can cause injury to hands and arms. Stop using any tool if discomfort, numbness, tingling or pain occur, and consult a physician.

## Assembly

### SYSTEM SETUP

PLEASE REFER TO AIR TOOL AND SPRAY GUN SET-UP (IN170102AV) FOR AIR SYSTEM HOOK-UP INSTRUCTIONS.

#### **⚠ WARNING**

Use of a whip hose prevents accidental triggering of tool when pressurized air is connected to system.

Using fittings or air hoses which are too small can create a pressure drop which will result in a loss of power in tool.

**NOTE:** Do not install a quick coupler set between tool and whip hose.

### AIR TOOL SETUP

#### **⚠ WARNING**

Never carry a tool by the hose or pull hose to move tool or a compressor. Keep hoses away from heat, oil and

**REMINDER:** Keep your dated proof of purchase for warranty purposes! Attach it to this manual or file it for safekeeping.

## Assembly (Continued)

sharp edges. Replace any hose that is damaged, weak or worn.

## Pre-Operation

### LUBRICATION

Air tools require lubrication throughout the life of the tool. Proper lubrication is the owner's responsibility. Use Campbell Hausfeld airtool oil (Part No. ST127000AV) to lubricate, clean and inhibit rust in one step. Failure to lubricate and maintain air tool properly will dramatically shorten the life of the tool and will void the warranty.

**CAUTION** This air tool requires lubrication before initial use and before and after each additional use.

1. Disconnect tool from air supply.
2. Turn cutting tool upside down.
3. While pressing throttle control lever, pour a teaspoon of Campbell Hausfeld oil in the air inlet.

**WARNING** Cover exhaust port with a towel before applying air pressure. Oil will discharge through exhaust port during first few seconds of operation after an airtool has been lubricated. Failure to cover exhaust port can result in serious injury.

4. Release throttle lever and connect air tool to air supply. Cover exhaust port with a towel then run air tool for 20 to 30 seconds. Oil will discharge from exhaust port when air pressure is applied. Continue to run cutting tool until no oil is discharged. Wipe all residual oil off of tool before use.

## Operation

### ATTACHMENTS

**WARNING** Disconnect air tool from air supply before changing attachments or serious injury could occur.

**WARNING** Make sure cut-off wheel is tightened securely before operating air tool.

### CHANGING CUT-OFF WHEELS

1. Remove the cap screw holding the cut-off wheel. Remove the cut-off wheel (See Figure 1). Arbor wrench is included with some models.

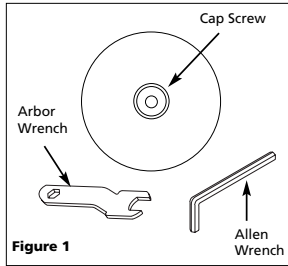


Figure 1

2. Check condition of new cut-off wheel. Never use wheels that are cracked, chipped or damaged in any way.
3. Center new cut-off wheel on arbor (See Figure 2). Make sure cut-off wheel is rated for RPM of air tool. **Securely tighten cap screw.**

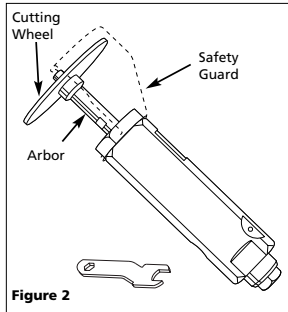


Figure 2

**WARNING** Cut-off wheels must be securely fastened to the tool. Only use 3" max. diameter cut-off wheels rated at or above tool rated RPM.

### Storage

Lubricate air tool before storing. Follow lubrication instructions in Pre-Operation section with an exception to step 4. Run cutting tool for only 2 to 3 seconds so more oil will remain in air tool for storage.

### Technical Service

For information regarding the operation or repair of this product, please call 1-800-543-6400.

### Replacement Parts Information

For information regarding where to order replacement parts, call toll free 1-800-543-8622. Please provide the following information:

- Model number
- Stamped-in code
- Part number and description

Address parts correspondence to:

The Campbell Group  
Attn: Parts Department  
100 Production Drive  
Harrison, Ohio 45030 U.S.A.

## Troubleshooting Chart

Symptom	Possible Cause(s)	Corrective Action
Tool runs slowly or will not operate	1. Grit or gum in tool	1. Flush the tool with Campbell Hausfeld air tool oil, gum solvent, or an equal mixture of SAE 10 motor oil and kerosene. If Campbell Hausfeld oil is not used, lubricate the tool after cleaning
	2. No oil in tool	2. Lubricate the tool according to lubrication instructions in Pre-Operation section
	3. Low air pressure	3. Adjust the compressor regulator to tool maximum while the tool is running free
	4. Air hose leaks	4. Tighten and seal hose fittings if leaks are found
	5. Pressure drops	5. Be sure hose is properly sized. Long hoses or tools using large volumes of air may require a hose with an I.D. of 1/2" or larger depending on total hose length
	6. Regulator adjusted wrong	6. Adjust regulator with slotted screwdriver to maximum speed
Moisture blowing out of tool	1. Water in tank	1. Drain tank (See air compressor manual). Oil tool and run until no water is evident. Oil tool again and run 1-2 seconds
	2. Water in the air lines/hoses	2a. Install a water separator/filter (PA2121). <b>NOTE:</b> Separators work properly only when air steam is cool Locate separator/filter as far as possible from compressor
		2b. Install an air dryer
	2c. Anytime water enters the tool, the tool should be oiled immediately	
Excessive vibration	1. Damaged wheel	1. Replace cutting wheel (MP2879)
	2. Arbor shaft bent	2. Replace shaft (Model PL2535 only)

### **Limited Warranty**

1. **DURATION:** From the date of purchase by the original purchaser as follows: Standard Duty Products - One Year, Serious Duty Products - Two Years, Extreme Duty Products - Three Years.
2. **WHO GIVES THIS WARRANTY (WARRANTOR):** Campbell Hausfeld / Scott Fetzer Company, 100 Production Drive, Harrison, Ohio, 45030, Telephone: (800) 543-6400
3. **WHO RECEIVES THIS WARRANTY (PURCHASER):** The original purchaser (other than for purposes of resale) of the Campbell Hausfeld product.
4. **WHAT PRODUCTS ARE COVERED BY THIS WARRANTY:** Any Campbell Hausfeld nailer, stapler, air tool, spray gun, inflator or air accessory supplied or manufactured by Warrantor.
5. **WHAT IS COVERED UNDER THIS WARRANTY:** Substantial defects in material and workmanship which occur within the duration of the warranty period.
6. **WHAT IS NOT COVERED UNDER THIS WARRANTY:**
  - A. Implied warranties, including those of merchantability and FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED FROM THE DATE OF ORIGINAL PURCHASE AS STATED IN THE DURATION. If this product is used for commercial, industrial or rental purposes, the warranty will apply for ninety (90) days from the date of purchase. Some States do not allow limitation on how long an implied warranty lasts, so the above limitations may not apply to you.
  - B. ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE, OR MALFUNCTION OF THE CAMPBELL HAUSFELD PRODUCT. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
  - C. Any failure that results from an accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) supplied with product. Accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions shall also include the removal or alteration of any safety devices. If such safety devices are removed or altered, this warranty is void.
  - D. Normal adjustments which are explained in the owner's manual(s) provided with the product.
  - E. Items or service that are normally required to maintain the product, i.e. o-rings, springs, bumpers, debris shields, driver blades, fuses, batteries, gaskets, packings or seals, fluid nozzles, needles, sandblast nozzles, lubricants, material hoses, filter elements, motor vanes, abrasives, blades, cut-off wheels, chisels, chisel retainers, cutters, collets, chucks, rivet jaws, screw driver bits, sanding pads, back-up pads, impact mechanism, or any other expendable part not specifically listed. These items will only be covered for ninety (90) days from date of original purchase. Underlined items are warranted for defects in material and workmanship only.
7. **RESPONSIBILITIES OF WARRANTOR UNDER THIS WARRANTY:** Repair or replace, at Warrantor's option, products or components which are defective, have malfunctioned and/or failed to conform within duration of the warranty period.
8. **RESPONSIBILITIES OF PURCHASER UNDER THIS WARRANTY:**
  - A. Provide dated proof of purchase and maintenance records.
  - B. Deliver or ship the Campbell Hausfeld product or component to the nearest Campbell Hausfeld Authorized Service Center. Freight costs, if any, must be borne by the purchaser.
  - C. Use reasonable care in the operation and maintenance of the products as described in the owner's manual(s).
9. **WHEN WARRANTOR WILL PERFORM REPAIR OR REPLACEMENT UNDER THIS WARRANTY:** Repair or replacement will be scheduled and serviced according to the normal work flow at the servicing location, and depending on the availability of replacement parts.

This Limited Warranty applies in the United States, Canada and Mexico only and gives you specific legal rights. You may also have other rights which vary from state to state or country to country.