MAC TOOLS®

AS726M

MINI
AIR SAW

Operating Instructions • Warning Information • Parts Breakdown

⚠WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- **Lead from lead-based paints,**
- **Crystalline silica from bricks and cement and other masonry products, and**
- **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, such as those dust masks that are specially designed to filter out microscopic particles.

⚠WARNING

- **MAXIMUM SPM OF 7,500**
- **MAX AIR PRESSURE: 90 PSIG, 6.2 BAR**
- **RPM OF THE ACCESSORY MUST EXCEED TOOL RPM**

ALWAYS READ INSTRUCTIONS BEFORE USING POWER TOOLS

ALWAYS WEAR SAFETY GOGGLES

ALWAYS WEAR HEARING PROTECTION

AVOID PROLONGED EXPOSURE TO VIBRATION

SPECIFICATIONS

Strokes Per Minute (SPM) 7,500	Hose Size (I.D.) . . . . . 5/16"
Stroke Length . . . . . 3/16"	Sound Pressure Level . . . . . 84 dBA
Cutting Capacity . . . . . 3/64" Steel	Sound Power Level . . . . . 87 dBA
Air Inlet (NPT) . . . . . 1/4"	Length . . . . . 7-5/8"
Air Pressure (PSIG). 90	Net Weight. . . . . 0.94 lbs.
Air Consumption (CFM) 0.7	

WARNING INFORMATION

FAILURE TO OBSERVE THESE WARNINGS COULD RESULT IN INJURY.

THIS INSTRUCTION MANUAL CONTAINS IMPORTANT SAFETY INFORMATION.

It is the responsibility of the owner to make sure all personnel read this manual prior to using the device. It is also the responsibility of the device owner to keep this manual intact and in a convenient location for all to see and read. If the manual or product labels are lost or not legible, contact Mac Tools for replacements. If the operator is not fluent in English, the product and safety instructions shall be read and discussed with the operator in the operator's native language by the purchaser/owner or his designee, making sure that the operator comprehends its contents.

- Read, study, understand & follow all instructions before using.
- Cutting with these tools will create sharp edges. Wear gloves to protect hands.
- Cutting edges and shear blades can become hot during use. Do not touch.
- Never force the cutting tool to cut faster or through heavier gauge material than rated capacity.
- **Add for any tools with safety lever: Do not lock, tape or wire the "on/off" safety lever in the "on" position, as the lever must be free to return to the "off" position when released.**
- Always operate, inspect and maintain this tool in accordance with American National Standards Institute Safety Code for Portable Air Tools (ANSI B186.1) and any other applicable safety codes and regulations.

- For Safety, top performance and maximum durability of parts, operate this tool at 90 psig/6.2 bar max air pressure with 5/16" diameter air supply hose.

- Always wear impact resistant eye & face protection (Users & Bystanders) when operating or performing maintenance on this tool .

- Always wear hearing protection when using this tool (Users & Bystanders). High sound levels can cause permanent hearing loss. Use hearing protection as recommended by your employer or OSHA regulation.
- Keep the tool in efficient operating condition.
- Operators and maintenance personnel must be physically able to handle bulk, weight and power of this tool.
- Keep tool out of reach of children.

- Air powered tools can vibrate during use. Extended exposure to vibration, repetitive motions or uncomfortable positions during use may be harmful to your hands and arms. Discontinue use of tool if discomfort, tingling feeling or pain occurs. Seek medical advice before resuming use.

- Compressed air can cause severe injury. Never direct air at yourself or others. Always turn off the air supply, drain hose of air pressure and detach tool from air supply before installing, removing or adjusting any part or accessory on this tool, or before performing any maintenance on this tool. Failure to do so could result in injury.

- Whip hoses can cause serious injury. Always check for and replace immediately any damaged, frayed or loose hoses and fittings.
- Do not operate a damaged or worn tool. Do no use quick-detach couplings at tool. See instructions for correct set-up.
- Place the tool on the work before starting the tool. Do not point or indulge in any horseplay with this tool.

- Slipping, tripping and/or falling while operating air tools can be a major cause of serious injury or death. Be aware of excess hose left on walking or work surface.
- Keep body working stance balanced and firm. Do not overreach when operating this tool.
- Anticipate and be alert for sudden changes in motion during use of any power tool.

- Do not carry tool by hose. Protect the hose from sharp objects and heat.

- Tool shaft may continue to reciprocate briefly after throttle is released. Avoid direct contact with accessories during and after use. Gloves will reduce the risk of cuts or burns.

- Keep away from reciprocating end of tool. Do not wear jewelry or loose clothing. Secure long hair. Scalping can occur If hair is not kept away from tool and accessories. Choking can occur if neckwear is not kept away from tool and accessories.

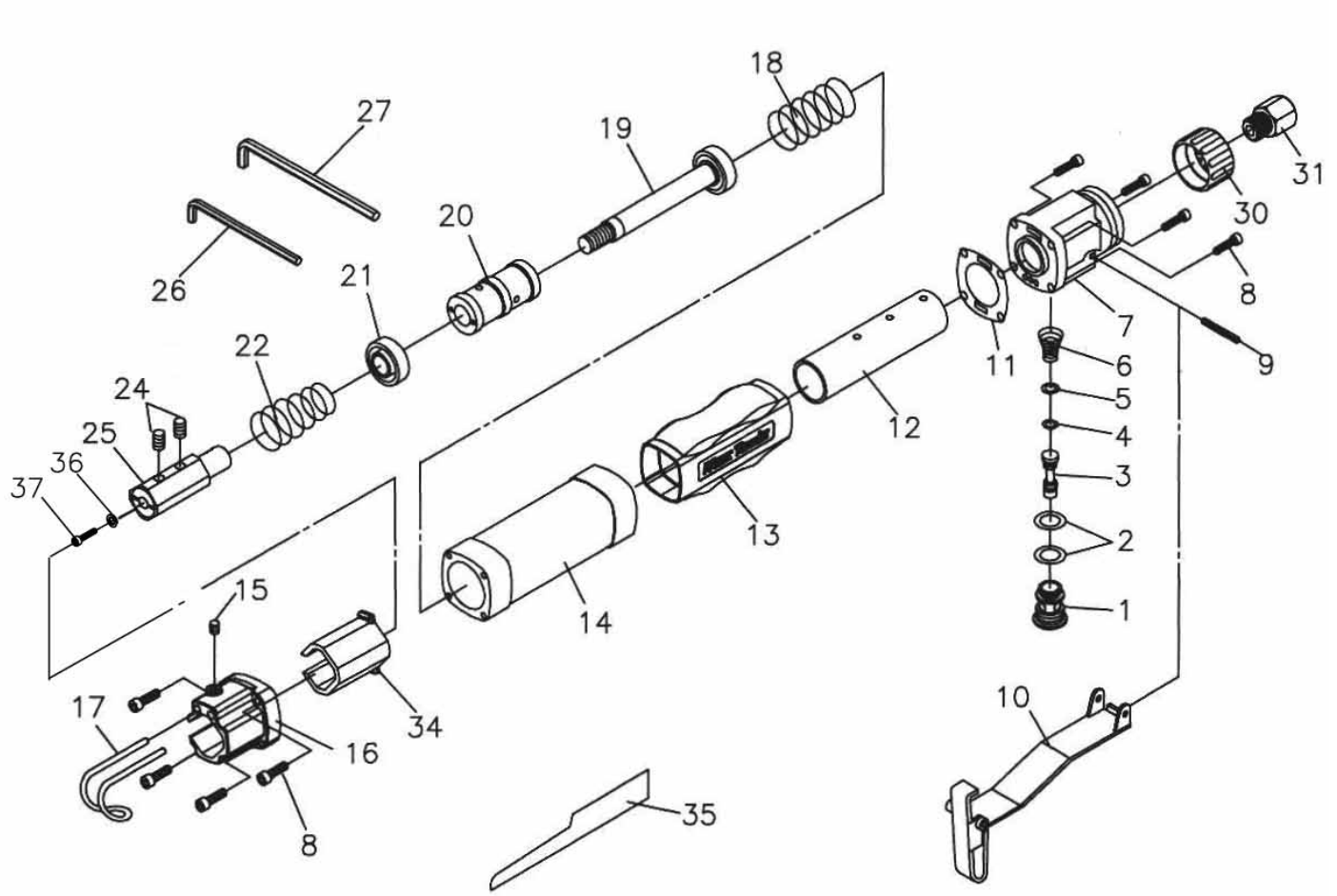
- This tool is not insulated against electric shock.

- This tool must not be used in explosive atmospheres.
- Do not lubricate tools with flammable or volatile liquids such as kerosene, diesel or jet fuel.

- Do not force tool beyond its rated capacity.
- Do not remove any labels. Replace any damaged labels.
- Use replacement parts and accessories recommended by Mac Tools.
- Servicing and repairs should only be made by an authorized service center.
- Do not use (or modify) the tool for any other purpose than that for which it was designed without consulting the manufacturer's authorized representative.
- Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
  - lead from lead-based paints,
  - crystalline silica from bricks and cement and other masonry products, and
  - 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, such as those dust masks that are specially designed to filter out microscopic particles.
- This product may contain one or more chemicals (or brass where applicable) known to the State of California to cause cancer and birth defects or other reproductive harm. *Wash hands thoroughly after handling.*

AS726M
Mini Air Saw

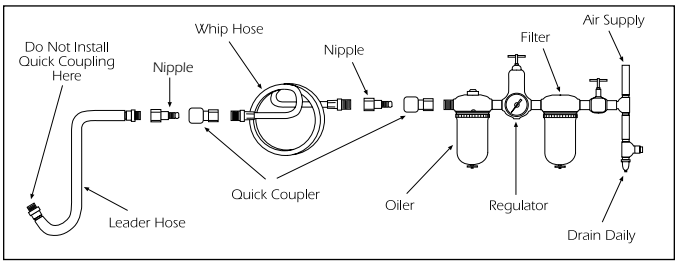


Ref. #	Item #	DESCRIPTION	QTY
1	RS26101	Valve Plug	1
2	RS26102	O-Ring (6.5x1.5mm)	2
3	RS26103	Throttle Pin	1
4	RS848010	O-Ring	1
5	RS26105	O-Ring (4.5x1.7mm)	1
6	RS26106	Spring	1
7	RS26107T	Valve Body	1
8	RS26108	Cap Screw	8
9	RS26109	Roll Pin	1
10	RS26110	Safety Throttle Lever	1
11	RS26111	Gasket	1
12	RS26112	Cylinder	1
13	RS26113MC	Comfort Grip	1
14	RS26114	Valve Body	1
15	RS26115	Set Screw	1
16	RS26116A	Head	1
17	RS26117	Saw Blade Guard	1
18	RS26118	Rear Cushion Spring	1
19	RS26119C	Piston Rod Assy.	1
20		Work Piston (Incl. w/ #19)	1

Ref #	Item#	DESCRIPTION	QTY
21		Operate Piston (Incl. w/ #19)	1
22		Front Cushion Spring (Incl. w/ #19)	1
24	RS26124A	Set Screw (Incl. w/ #19)	2
25		Blade Holder (Incl. w/ #19)	1
26	RS26126	Hexagon Wrench (2mm)	1
27	RS26127	Service Wrench (2.5mm)	1
30	RS26130A	Exhaust Cap	1
31	RS26131	Air Inlet	1
34	RS26134	Slide Insert	1
35	*	Replacement Saw Blade	1
36	RS26136	Lock Washer (Incl. w/ #19)	1
37	RS26137	Socket Head Cap Screw (Incl. w/ #19)	1

* Replacements available as:

ASB874	24 TPI ECD Coat Srl Blade, 10 PK
ASB876	32 TPI ECD Coat Scrl Blade, 10 PK
ASB884	24 TPI ECD Coat Blade, 10 PK
ASB886	32 TPI ECD Coat Blade, 10 PK
ASB984A	Air Saw Blade 32 (10 PK)



AIR SUPPLY

Tools operate on a wide range of air pressures. It is recommended that air pressure measures 90 psig at the tool with the trigger fully depressed and no load applied to the tool. Higher pressure (over 90 psig; 6.2 bar) raises performance beyond the rated capacity of the tool, which will shorten tool life and could cause injury.

Always use clean, dry air. Dust, corrosive fumes and/or water in the air line will cause damage to the tool. Drain water from air lines and compressor prior to running tool. Clean the air inlet filter screen weekly. The recommended hookup procedure can be viewed in the above figure.

The air inlet used for connecting air supply has standard 1/4" NPT. Line pressure should be increased to compensate for unusually long air hoses (over 25 feet). Minimum hose diameter should be 5/16" I.D. and fittings should have the same inside dimensions and be tightly secured.

Ensure an accessible emergency shut off valve has been installed in the air supply line and make others aware of its location.

LUBRICATION

Lubricate the air motor daily with high quality air tool oil. If no air line oiler is used, run 1/2 oz. of oil through the tool. The oil can be squirted into the tool air inlet or into the hose at the nearest connection to the air supply, then run the tool. A rust inhibitive oil is acceptable for air tools.

WARNING: After an air tool has been lubricated, oil will discharge through the exhaust port during the first few seconds of operation. The exhaust port must be covered with a towel before applying air pressure to prevent serious injury.

OPERATION

Always turn off the air supply, drain hose of air pressure and detach tool from air supply before installing, removing or adjusting any part or accessory on this tool, or before performing any maintenance on this tool.

Speed adjustment is achieved through variable pressure on the trigger.

Increasing the pressure will increase the speed of the blade.

To Change Blades:

1. Detach from air supply.
2. Loosen #24 Set Screws with #27 wrench.
3. Remove old blade and insert new blade into #25 blade holder, and tighten #24 set screws.

NOTE: During operation, safety goggles should always be worn to guard against flying rust and chips (users & bystanders).

TROUBLESHOOTING

Other factors outside the tool may cause loss of power or erratic action. Reduced compressor output, excessive drain on the air line, moisture or restrictions in air pipes or the use of hose connections of improper size or poor conditions may reduce air supply. Grit or gum deposits in the tool may cut power and may be corrected by cleaning the air strainer and flushing out the tool with gum solvent oil or an equal mixture of SAE #10 and kerosene. If outside conditions are in order, disconnect tool from hose and take tool to your Mac Tools Distributor for repair.