SUNEX®
TOOLS

⚠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

ALWAYS READ INSTRUCTIONS BEFORE USING POWER TOOLS

ALWAYS WEAR SAFETY GOGGLES

WEAR HEARING PROTECTION

AVOID PROLONGED EXPOSURE TO VIBRATION

SPECIFICATIONS

Blows Per Minute 4,500	Air Pressure .....90 PSI
Bore .....11/16"	Air Consumption.....4 CFM
Stroke .....1-5/8"	Sound Level.....105 dBA
Air Inlet.....1/4 NPT	Length .....5-1/2"
Hose Size .....3/8" I.D.	Shipping Wt.....3-9/16 lbs.

SX235KTB

SHORT AIR HAMMER

⚠WARNING

FAILURE TO OBSERVE THESE WARNINGS COULD RESULT IN INJURY.

This Instruction Manual Contains Important Safety Information.

Read THIS INSTRUCTION MANUAL Carefully and understand ALL INFORMATION Before Operating This Tool.

- Always operate, inspect and maintain this tool in accordance with American National Standards Institute Safety Code of 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 3/8" diameter air supply hose.

- Always wear impact-resistant eye and face protection when operating or performing maintenance on this tool. Always wear hearing protection when using this tool.

- 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 the bulk, weight and power of this tool.

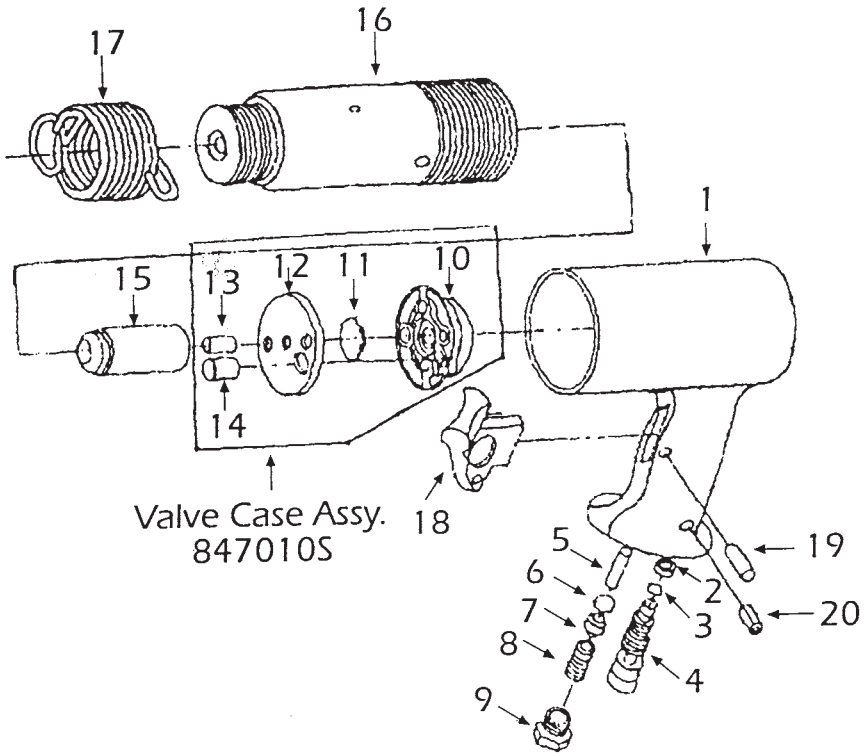
- Air under pressure can cause severe injury. Never direct air at yourself or others. Always turn off the air supply, drain hose of air pressure and detach tool from air supply before installing, removing or adjusting any accessory on this tool, or before performing maintenance on this tool. Failure to do so could result in injury. Whip hoses can cause serious injury. Always check for damaged, frayed or loose hoses and fittings, and replace immediately. Do not use quick detach couplings at tool. See instructions for correct set-up.

- Air powered tools can vibrate in use. Vibration, repetitive motions or uncomfortable positions over extended periods of time 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.
- Place the tool on the work before starting the 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 the walking or work surface.
- Keep body working stance balanced and firm. Do not overreach when operating the tool.
- Anticipate and be alert for sudden changes in motion during start up and operation of any power tool.
- Do not carry tool by the hose. Protect the hose from sharp objects and heat.

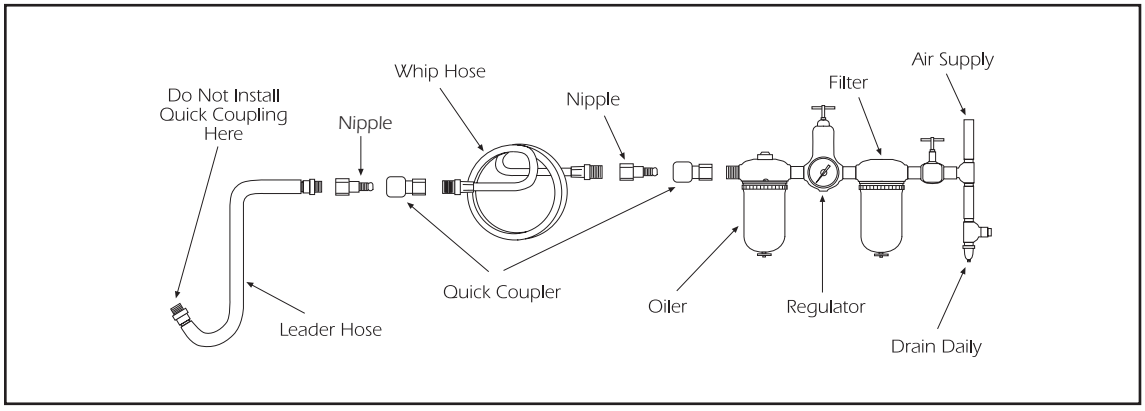
- Keep away from rotating end of tool. Do not wear jewelry or loose clothing. Secure long hair. Scalping can occur if hair is not kept away from tool and accessories. Choking can occur if neckwear is not kept away from tool and accessories.
- Do not lubricate tools with flammable or volatile liquids such as kerosene, diesel or jet fuel.
- Accessory retainers should be used to prevent discharge or ejection of the accessory which might cause injury.
- Don't force tool beyond its rated capacity.
- Do not remove any labels. Replace damaged labels.

SX235KTB
Short Air Hammer



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	847001	Body	1
2	847002	Rubber Gasket	1
3	847003	O-Ring	2
4	847004	Regulator	1
5	847005	Control Pin	1
6	847006	O-Ring	2
7	275B17	Ball	2
8	275B18	Spring	1
9	275B19	Hose Joint	1
*10	847010	Rear Valve & Pin	1
*11		Valve Disk	1
*12	847012	Front Valve	1
*13		Pin	1
*14		Pin	1
15	847015	Piston (short)	1
16	847016	Cylinder (short)	1
17	87301	Retainer Spring	1
18	275B10	Trigger	1
19	847019	Pin	1
20	847020	Pin	1

* These items only available in an assembly part # 847010S



Air Supply...

Tools of this class operate on a wide range of air pressures. It is recommended that air pressure of these tools measure 90 PSI at the tool while running free. Higher pressure and unclean air will shorten the tool's life because of faster wear and may create a hazardous condition.

Water in the air line will cause damage to the tool. Drain the air tank daily. Clean the air inlet filter screen on at least a weekly schedule. The air inlet, used for connecting air supply, has standard 1/4" NPT American Thread.

Line pressure should be increased to compensate for unusually long air hoses (over 25 feet). Minimum hose diameter should be 1/4" I.D. and fittings should have the same inside dimensions

Lubrication...

Lubricate the tool daily with a good grade of air tool oil. If no air line oiler is used, run a teaspoon of oil through the tool. The oil can be squirted into the tool air inlet, or into the hose a 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 place a chisel in the hammer and hold the tool down to the work before operating. Damage to the tool
or the retainer may result if this precaution is not followed.

The chisel retainer (Ref. No. 17) is not designed for complete safety against accidental release of cutters or hammers. To avoid injury, the throttle (trigger) must never be depressed unless the chisel is held firmly against the work place. When tool is not in actual use, the chisel must be removed. During operation, safety goggles should ALWAYS be used to guard against flying rust and chips. When using tool, regulate the speed so that the chisel is not being driven out of the cylinder. If piston is allowed to strike the cylinder wall, internal damage will result.

To change chisel, pull back on spring hook and insert chisel. Release spring hook.

To regulate air, turn air regulatorknob out for maximum air pressure and in for minimum.