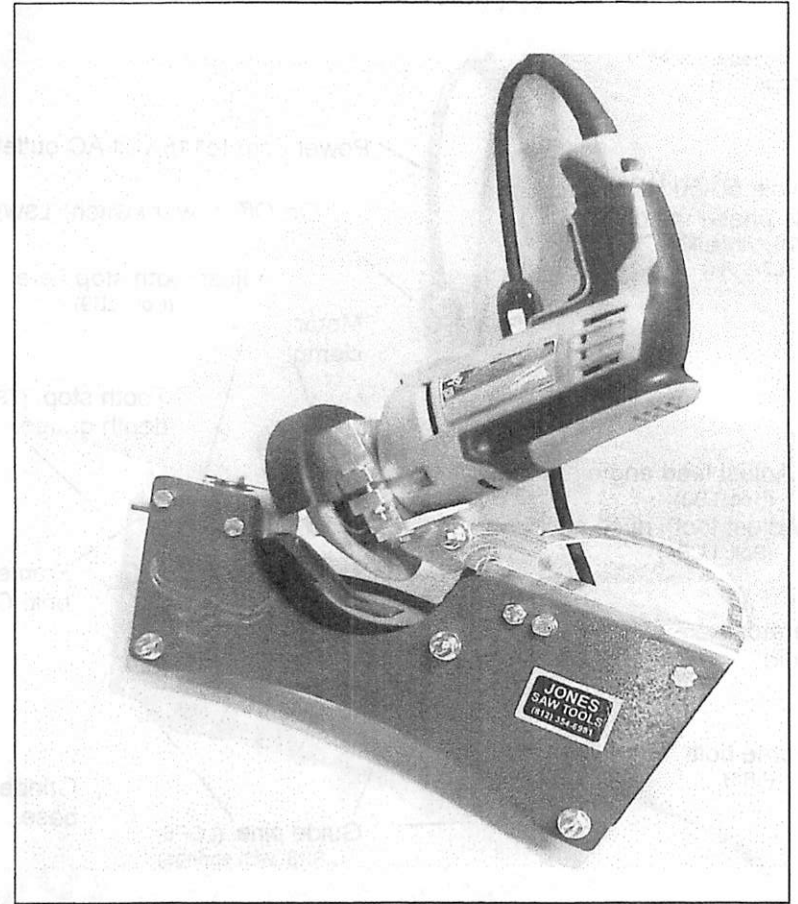


The Longhorn Saw Grinder



Jones Saw Tools
P.O. Box 552 Petersburg, IN 47567
812-354-6981

PARTS INCLUDED
The Longhorn Saw Grinder is a hand-held, electrically powered device that is used for grinding and sharpening saw blades. It is designed for use in a workshop or on a job site. The grinder is made of durable metal and has a sturdy base. The grinding wheel is made of high-quality material and is designed to last for a long time. The motor is powerful and can handle even the toughest blades. The grinder is easy to use and requires no special tools or skills. It is a must-have for anyone who works with saw blades.

SAFETY PRECAUTIONS
Always wear safety glasses and ear protection when using the grinder. Do not touch the grinding wheel or the motor while the grinder is running. Do not use the grinder on a flammable or explosive material. Do not use the grinder on a surface that is not supported. Do not use the grinder on a surface that is not flat. Do not use the grinder on a surface that is not clean. Do not use the grinder on a surface that is not dry. Do not use the grinder on a surface that is not smooth. Do not use the grinder on a surface that is not uniform. Do not use the grinder on a surface that is not consistent. Do not use the grinder on a surface that is not regular. Do not use the grinder on a surface that is not smooth. Do not use the grinder on a surface that is not uniform. Do not use the grinder on a surface that is not consistent. Do not use the grinder on a surface that is not regular.

OPERATING INSTRUCTIONS
1. Hold the grinder firmly by the handle and position the blade on the saw. 2. Turn the power switch to the "ON" position. 3. Move the handle forward and backward to grind the blade. 4. Keep the blade flat against the grinding wheel. 5. Do not use excessive force. 6. Stop grinding when the blade is sharp. 7. Turn the power switch to the "OFF" position. 8. Inspect the blade for any damage. 9. If necessary, re-grind the blade. 10. Store the grinder in a dry place.

Tool Rest
The Tool Rest (Part No. 111) is used to support the blade while grinding. It is made of heavy-duty metal and has a wide, flat surface. The Tool Rest is attached to the base of the grinder and can be adjusted to fit the blade. It is a must-have for anyone who uses the Longhorn Saw Grinder.

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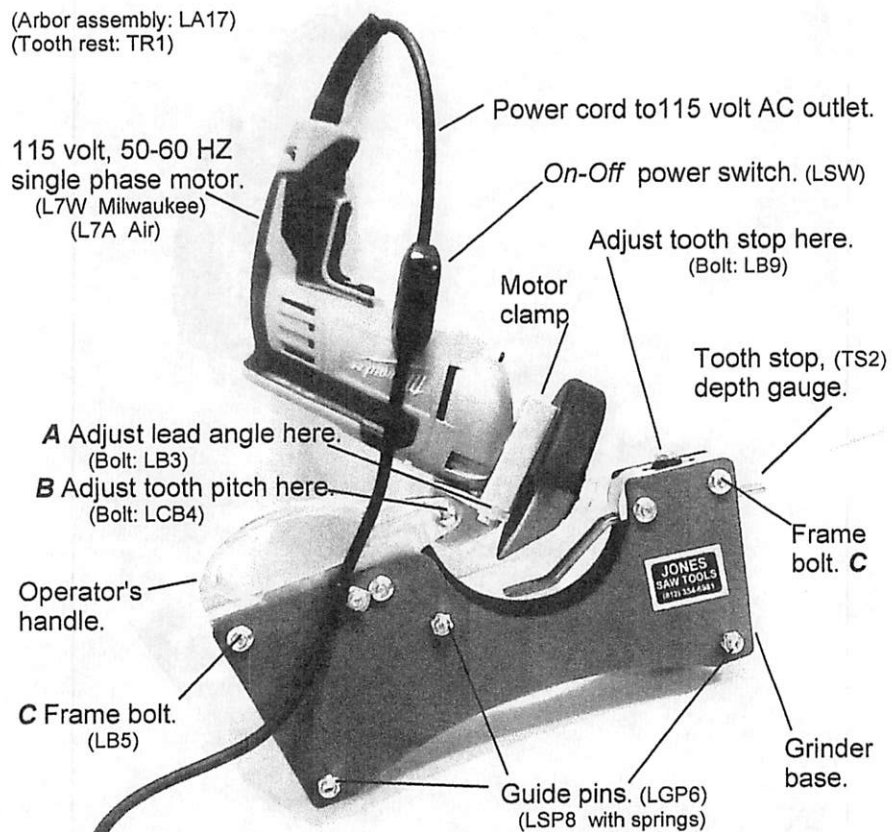
The Longhorn Saw Grinder

Model: LGH-15

Operating Instructions

(Part Number)

(Arbor assembly: LA17)
(Tooth rest: TR1)



The Longhorn Saw Grinder from Jones Saw Tools is pre-set for a 56" headrig saw. It will provide uniform, accurate sharpening for your saw when carefully and properly used.

Adjustments can be quickly made for various other sizes of saws. Assemble grinder by simply attaching the motor head to the base at point A, with the two 1/4" x 3/4" bolts at the base of the motor clamp. Grinder comes fitted with a grit wheel (G45) for sharpening steel bits and a diamond wheel (D45) can be added for sharpening carbide bits.

PARTS INCLUDED

One Jones Longhorn Saw Grinder. One ACCESSORY PACK, including a dressing stick to clean grinding wheel, safety glasses and ear plugs to be worn while sharpening the saw.

SAFETY PRECAUTIONS!

1. Always wear safety glasses and ear protection during use.
2. Keep hands and loose clothing away moving parts.
3. Hold tool firmly when turning on the power.
4. NEVER leave grinder unattended on the saw.
5. NEVER USE THE FORCE OF THE GRINDING WHEEL TO TURN THE SAW. This will burn the teeth, causing them to dull quickly or crumble; cause premature motor failure and void the warranty. IT COULD CAUSE THE WHEEL TO SHATTER, CAUSING SERIOUS INJURY TO OPERATOR OR OTHERS.
6. Never use a wheel that has been dropped and inspect every wheel before mounting it on the grinder.

OPERATING INSTRUCTIONS

Hold grinder firmly by operator's handle and mount on saw. Referring to picture at left, adjust the guide pins to fit your saw to move easily from tooth to tooth. Set the proper tooth pitch and motor height at point B. Additional motor height can be obtained by loosening frame bolts C and raising or lowering handle or depth gauge to the desired position.

With grinding wheel resting against the tooth, set tooth stop against the holder, below the tooth. Slide the grinder forward away from tooth. Turn the Power Switch to On position. Pull the grinder gently back into tooth to sharpen. Go completely around saw to gain uniform length on all teeth. (Optional)

With power switch Off, set tooth stop slightly away from holder to remove a minimum amount from tooth while still maintaining the desired sharpness. Turn power On and sharpen saw.

"Lead in" or "lead out" can be quickly set by loosening bolts A at bottom of motor clamp and rotating motor to desired position.

Tooth Rest

The Tooth Rest (Part no. TR1) on this grinder is reversible. When one side wears out, simply turn it over. It, the Tooth Stop (Part no. TS2), Motor (L7W) and other parts can be ordered from Jones Saw Tools or your local dealer.

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