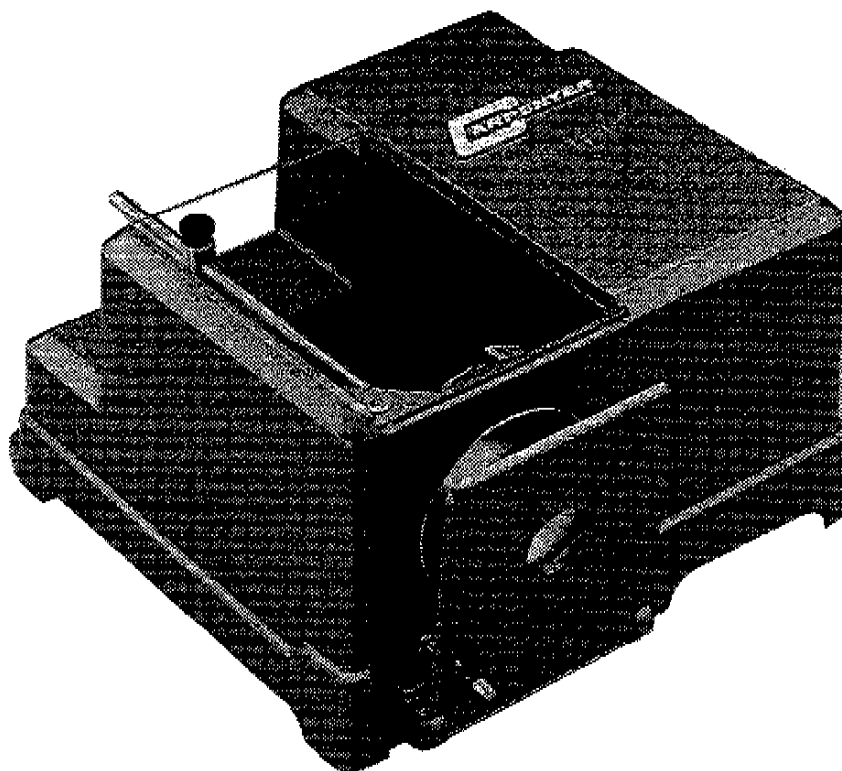




110 Fairgrounds Drive • P.O. Box 188 • Manlius, New York 13104-0188 U.S.A. • 315-682-9176 • Fax 315-682-9160

OPERATOR'S MANUAL



Model 72B Twin Blade Rotary Wire Stripper

PRODUCTION WIRE PROCESSING EQUIPMENT

e-mail: wire@carpentermfg.com • website: www.carpentermfg.com



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CARPENTER MODEL 72B TWIN BLADE ROTARY WIRE STRIPPER OPERATING INSTRUCTIONS

APPLICATION

The Model 72B Twin Blade Rotary Wire Stripper has been designed to strip a multitude of insulated wires, with a handling capability of up to .750" (19mm) overall O.D.

WIRE GUIDE SELECTION

Select wire guide with the smallest inside diameter that slips freely over the outside diameter of the wire to be stripped.

Standard wire guides available (inches):

.120, .136, .152, .169, .185, .201, .218, .234, .250, .265, .281, .297, .312, .328, .343, .359, .375, .390, .406, .421, .437, .453, .468, .484, .500, .515, .531, .546, .562, .578, .593, .609, .625, .640, .656, .671, .687, .703, .718, .734, .750

SET UP

Turn push plate stop nut to vertical position and swing push plate down exposing face plate. Slip wire guide into face plate. Re-latch push plate.

Push Plate Adjustment: Avoid wire guide contact with blade in relaxed position by setting push plate stop nut to permit 1/16" clearance between wire guide flange and push plate at rest position.

Blade Adjustment: Slide plastic guard backward. Loosen blade block locking screw #1758. Set blades to conductor thickness. To adjust blades "in", turn blade adjusting screw #2711 clockwise; to move blade "out", turn counter-clockwise. Re-tighten blade block locking screw #1758. Return plastic guard to closed position.

TRIAL STRIP

Adjust stop rod to strip length desired by loosening thumb screw #3877 located at rear of machine. The stop rod collar is used to offer a larger target when long strips are being utilized. Turn unit on.

Steps:

- A. Depress push plate with one hand, allowing blades to open just enough to insert wire.
- B. With other hand, insert wire through wire guide to stop rod (adjusted for strip length).
- C. Allow blades to close completely on wire by slowly removing pressure on push plate and withdrawing wire slightly as blades grip and sever insulation.
- D. Pause momentarily with hand off push plate.
- E. Withdraw wire sharply.

Note: Cycle time may be shortened as technique is perfected.

Final Blade Adjustment: If blades contact conductor, move blade adjusting screw #2711 counter-clockwise. If slug has not been removed, turn clockwise. Cut off trial strip and repeat if necessary. Make certain to always re-tighten blade block locking screw #1758 after having made blade adjustments.

CENTERING BLADES

When installing new blades and/or centering blades the face plate must be removed. Slide plastic guard backward. Loosen face plate set screw #1481 and push face plate out the back of machine. Un-hook drive belt. Blades are factory centered, re-center only after new blades have been installed.

PRODUCTION WIRE PROCESSING EQUIPMENT

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MODEL 72B OPERATING INSTRUCTIONS

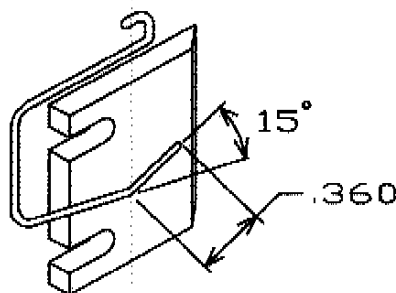
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CENTERING BLADES (Cont.)

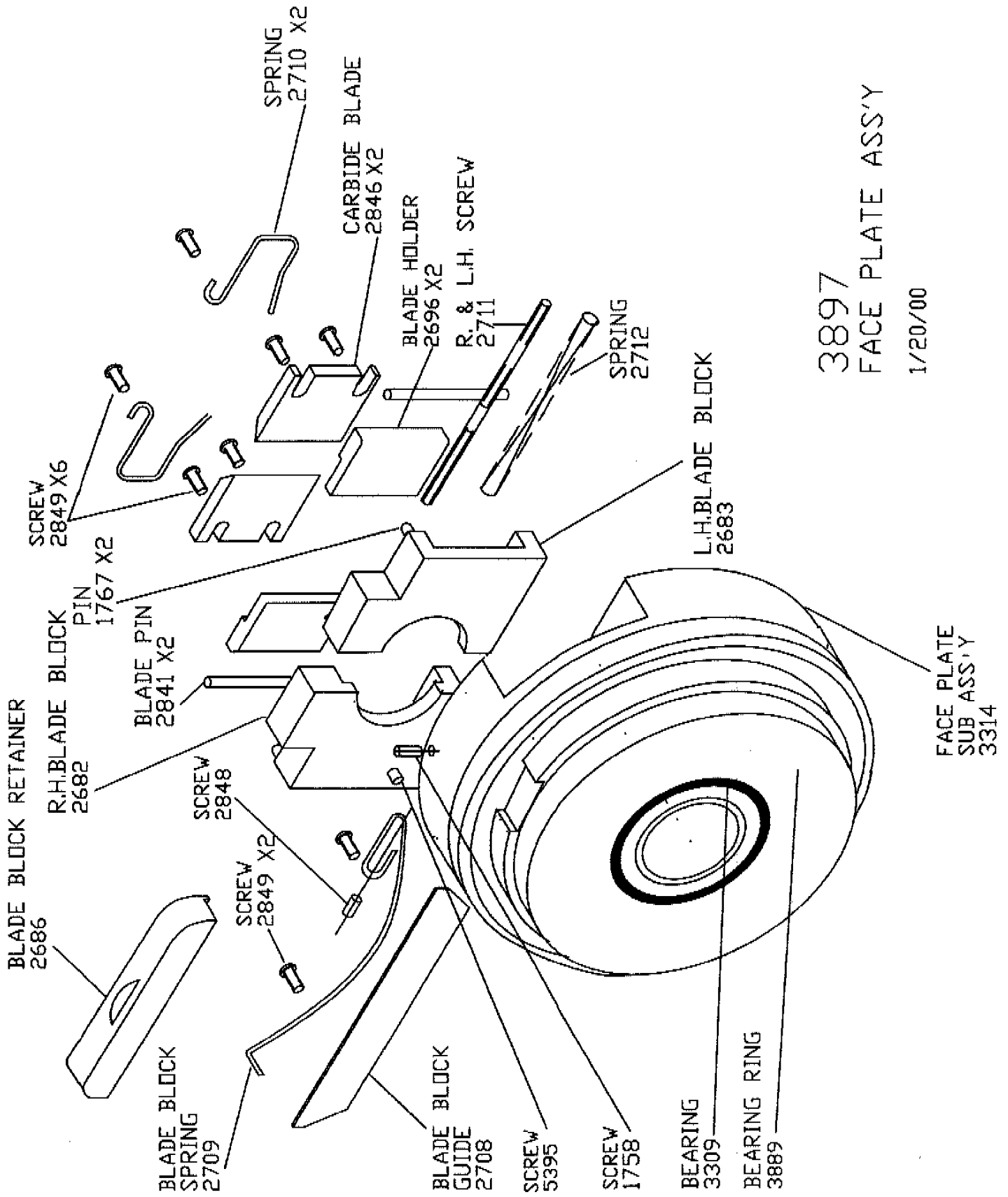
Un-hook blade block spring #2710, loosen centering lock screw #5395 and blade block lock screw #1758. Insert centering gauge (supplied with machine) through the face plate in the same manner as you would a wire guide so that small diameter of gauge is between blades. Then turn the blade adjusting screw #2711 until both blades make contact with the centering gauge. Tighten blade block lock screw #1758; turn centering screw #2848 to contact blade adjusting screw #2711; tighten centering lock screw #5395. Re-hook blade block spring, loosen blade block lock screw and turn blade adjusting screw counter-clockwise to allow the centering gauge to drop out. Re-tighten blade block lock screw. Re-install face plate by turning until grooved section is aligned with face plate set screw. Hook up drive belt. Return plastic guard to closed position.

NEW BLADE SPRINGS

Before installing new blade springs #2710, bend spring as shown for left and right side.

**CAUTION**

Always operate with plastic guard in place over the blade assembly. Never insert anything but insulated wire into face plate or blade damage may occur.



3897
FACE PLATE ASS'Y

1/20/00

