

## OPERATING INSTRUCTIONS FOR CARPENTER MODEL 70A TWIN BLADE ROTARY WIRE STRIPPER

Machine is illustrated with only pertinent call outs by identifying titles.

1. Install wire guide bushing
2. Adjust blades
3. Adjust stop rod
4. Adjust push plate
5. Make trial strip
6. Re-adjust blade if necessary

Follow the simple directions above which are detailed below.

**BUSHING SELECTION:** Use bushing with smallest I.D. that slips over wire O.D.

**STANDARD SIZES:** #2021 - .028, .032, .036, .040, .046, .052, .059, .067, .076, .086, .098, .110, .120, .136, .152, .169, .185, .201, .218, .234, .250 and .265

**BUSHING INSTALLATION:** Remove plastic guard. Loosen mounting screws and remove push plate, slide floating bushing into face plate.

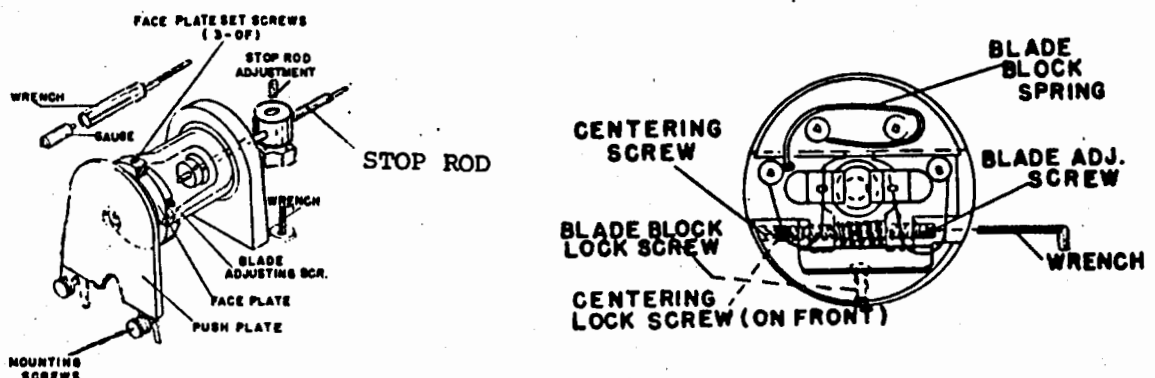
**BLADE ADJUSTMENT:** Remove face plate by loosening 3 face plate set screws with wrench (located behind head housing) and push face plate out towards you. Loosen blade block locking screw. Set blades to wire thickness. To move blades "in", turn blade adjusting screw clockwise; to move blades "out", turn counter-clockwise. Re-tighten lock screw and re-install face plate so locking screw and adjusting screw are in full view for later adjustments. Set push plate in place.

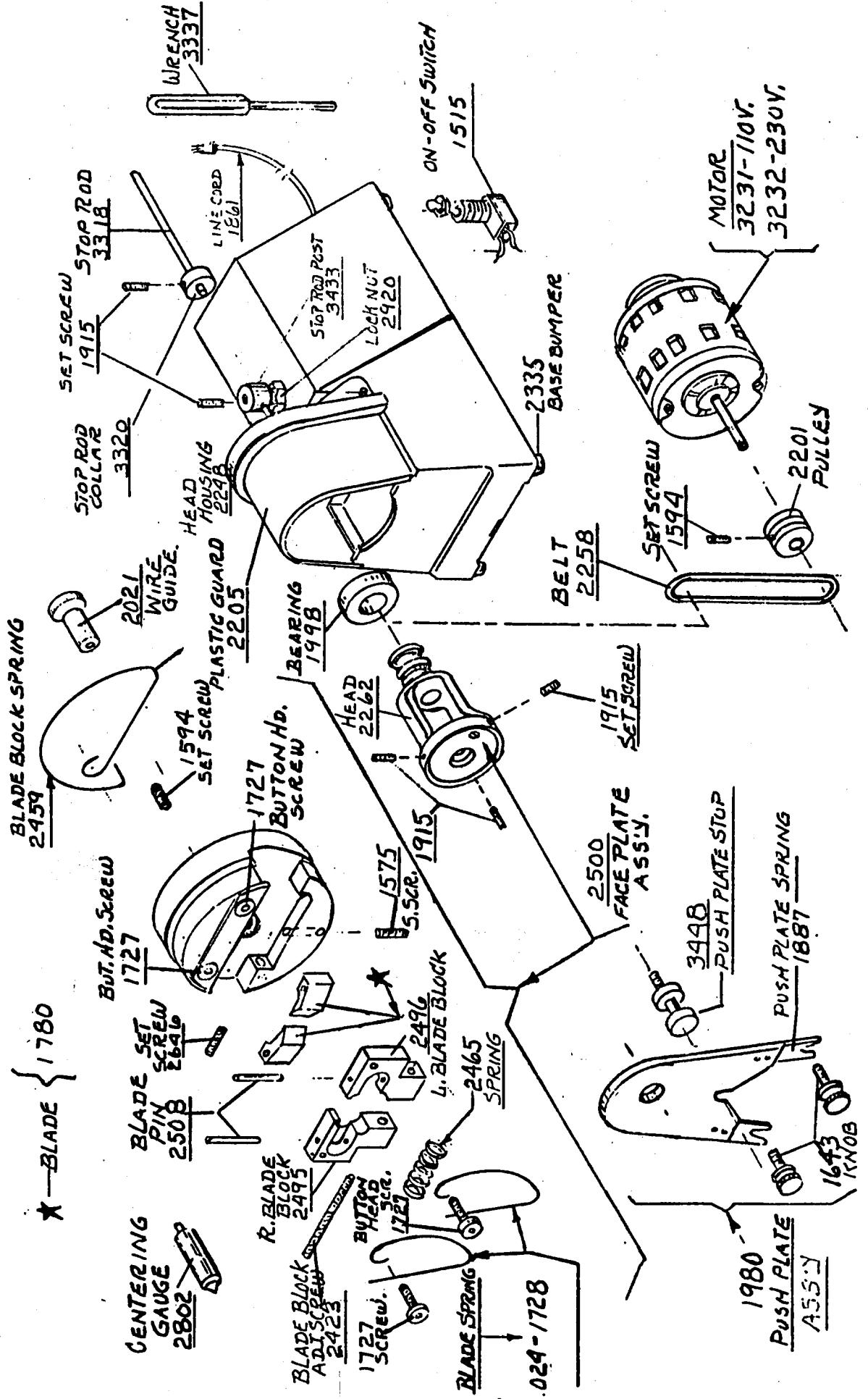
**PUSH PLATE ADJUSTMENT:** Turn push plate stop screw until plunger bushing opens blades enough to admit wire. Avoid bushing contact with blades in relaxed position by setting adjusting knob to permit 1/16" clearance between bushing flange and push plate at rest position.

**TRIAL STRIP:** Adjust stop rod to approximate strip length desired by loosening set screw in the top of the stop rod post. (Collar is used to offer bigger target when long strips are desired. Turn rod end for end when ultra short strips are needed.) Turn unit on. Depress push plate with thumb and with other hand, insert wire through bushing to stop rod. Withdraw slowly until blades are completely closed, pause slightly with thumb off push plate. Withdraw wire sharply. If blade contacts conductor, move blade adjusting screw counter-clockwise. If slug has not been removed turn clockwise. Cut off trial strip before repeating. These adjustments can be made without removing face plate.

**CAUTION:** Always operate with plastic shield in place and never insert anything but insulated wire into face plate or blade damage may occur.

**RE-CENTERING BLADES:** Blades are factory centered, re-center only when installing new blades. First unhook blade block spring, loosen centering lock screw on front of face plate, and loosen blade block locking screw (several turns.) Insert pin end of centering gauge (stored in wrench handle) through front between blades, turn adjusting screw slowly until both blades barely contact "pin". Then tighten adjusting lock screw; turn centering screw to contact adjusting screw, tighten centering lock screw. Re-hook spring, loosen adjusting lock screw and turn adjusting screw counter-clockwise to allow gauge to drop out.





# OPERATING INSTRUCTIONS FOR CARPENTER MODEL 74B 3-in-1 COAXIAL WIRE STRIPPER

**DESCRIPTION:** The Model 74B can be equipped with any combination of interchangeable Single or Twin blade face plate assemblies.

Coaxial and shielded cable stripping is normally done in three steps by inserting the wire into each stripper head in sequence. The sequence may vary depending upon cable construction and strip requirements.

Normal coaxial stripping uses two Twin and one Single blade face plate assemblies installed at stations 1, 2, and 3, respectively, reading left to right. A third Twin blade unit may be required at station 3 in lieu of the Single blade due to certain strip specifications or critical wire characteristics.

Machine is illustrated with only pertinent call outs by indentifying titles.

1. Install wire guide bushing
2. Adjust blade
3. Adjust stop rod
4. Make trial strip
5. Re-adjust blade if necessary

Follow the simple directions above which are detailed below.

**BUSHING SELECTION:** Use bushing with smallest I.D. that slips over wire O.D.

**STANDARD SIZES:** For Single-#1700 wire guide bushing: .028, .032, .036, .040, .046, .052, .059, .067, .076, .086, .098, .110, .120, .136, .152, .169, .185 and .201

For Twin-#2021 plunger bushing: .028, .032, .036, .040, .046, .052, .059, .067, .076, .086, .098, .110, .120, .136, .152, .169, .185, .201, .218, .234, .250 and .265

## #1877 SINGLE BLADE FACE PLATE ASSEMBLY

**BUSHING INSTALLATION:** Remove plastic guard. Insert bushing by aligning hole in bushing flange with locating pin in face plate. Tighten bushing lock screw with wrench stored behind head housing.

**BLADE ADJUSTMENT:** To remove face plate, loosen 3 face plate set screws in head and push face plate out towards you. Loosen blade block locking screw, set blade to approximate insulation thickness. To move "in", turn blade adjusting screw counter-clockwise, to move "out", turn clockwise. Hold blade block firmly with index finger so that adjusting screw is against stop block and re-lock blade block locking screw. Re-install face plate into head lining up bushing locking screw with clearance hole in head.

**TRIAL STRIP:** Adjust stop rod by loosening set screw in the top of the stop rod post. Slide rod to approximate strip length desired. Tighten set screw. Brass collar is used to offer bigger target when long strips are desired. Reverse rod end for end for ultra short strips using smaller diameter. Turn unit on, insert wire to stop rod, withdraw slightly to allow blade to close, and remove sharply. If blade contacts conductor, turn blade adjusting screw clockwise (out). If slug has not been removed, turn counter-clockwise (in). Cut off trial strip before repeating. These adjustments can be made without removing face plate. Replace plastic guard.

## #2500 TWIN BLADE FACE PLATE ASSEMBLY

**BUSHING INSTALLATION:** Remove plastic guard. Loosen mounting screws and remove push plate, slip floating bushing into face plate.

**BLADE ADJUSTMENT:** Remove face plate by loosening 3 face plate set screws with wrench (located behind head housing) and push face plate out towards you. Loosen blade block locking screw. Set blades to wire thickness. To move blades "in", turn blade adjusting screw clockwise; to move "out", turn counter-clockwise. Re-tighten lock screw and re-install face plate in manner so locking screw and adjusting screw are in full view for later adjustments. Set push plate in place.

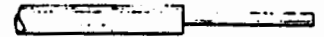
**PUSH PLATE ADJUSTMENT:** Turn push plate stop screw until plunger bushing opens blades enough to admit wire. Avoid bushing contact with blades in relaxed position by setting adjusting knob to permit 1/16" clearance between bushing flange and push plate at rest position.

**TRIAL STRIP:** Adjust stop rod to approximate strip length desired by loosening set screw in the top of the stop rod post. (Collar is used to offer bigger target when long strips are desired. Turn rod end for end when ultra short strips are needed). Turn unit on. Depress push plate with thumb and with other hand, insert wire through bushing to stop rod. Withdraw slowly until blades close completely and pause slightly with thumb off push plate. Withdraw wire sharply. If blade contacts conductor, move blade adjusting screw counter-clockwise. If slug has not been removed, turn clockwise. Cut off trial strip before repeating. These adjustments can be made without removing face plate.

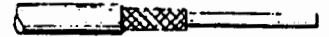
**RE-CENTERING BLADES:** Blades are factory centered, re-center only when installing new blades. First unhook blade block spring, loosen centering lock screw on front of face plate, and loosen blade block locking screw (several turns). Insert pin end of centering gauge (stored in wrench handle) through front between blades, turn adjusting screw slowly until both blades barely contact "pin". Then tighten adjusting lock screw; turn centering screw to contact adjusting screw, tighten centering lock screw. Re-hook spring, loosen adjusting lock screw and turn adjusting screw counter-clockwise to allow gauge to drop out.

**CAUTION:** Always operate with plastic shield in place and never insert anything but insulated wire into face plate or blade damage may occur.

### 1ST. STRIP OUTER JACKET & SHIELD.



### 2ND. STRIP OUTER JACKET ONLY.

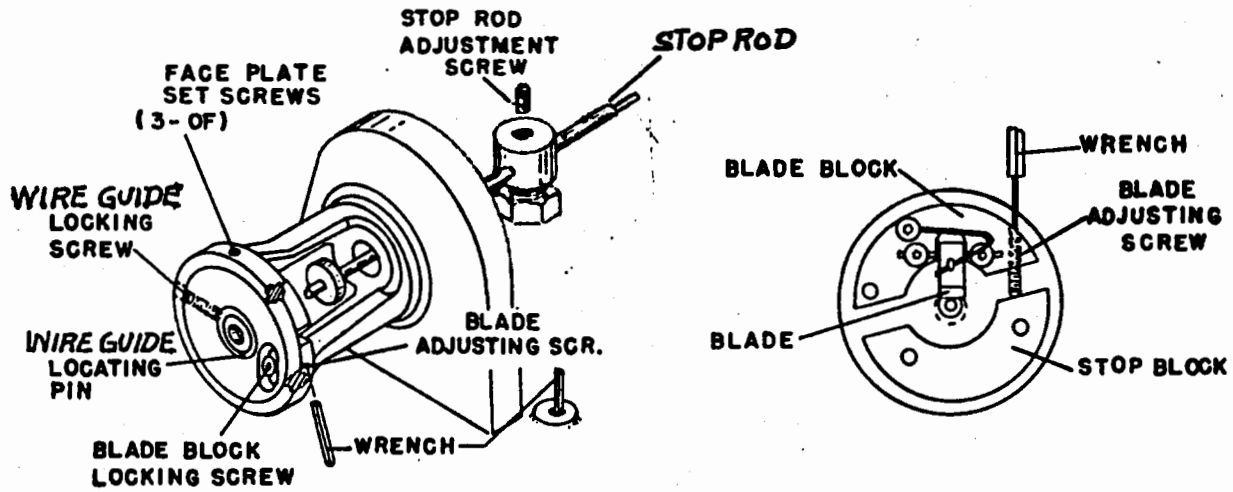


### 3RD. STRIP CENTER CONDUCTOR.

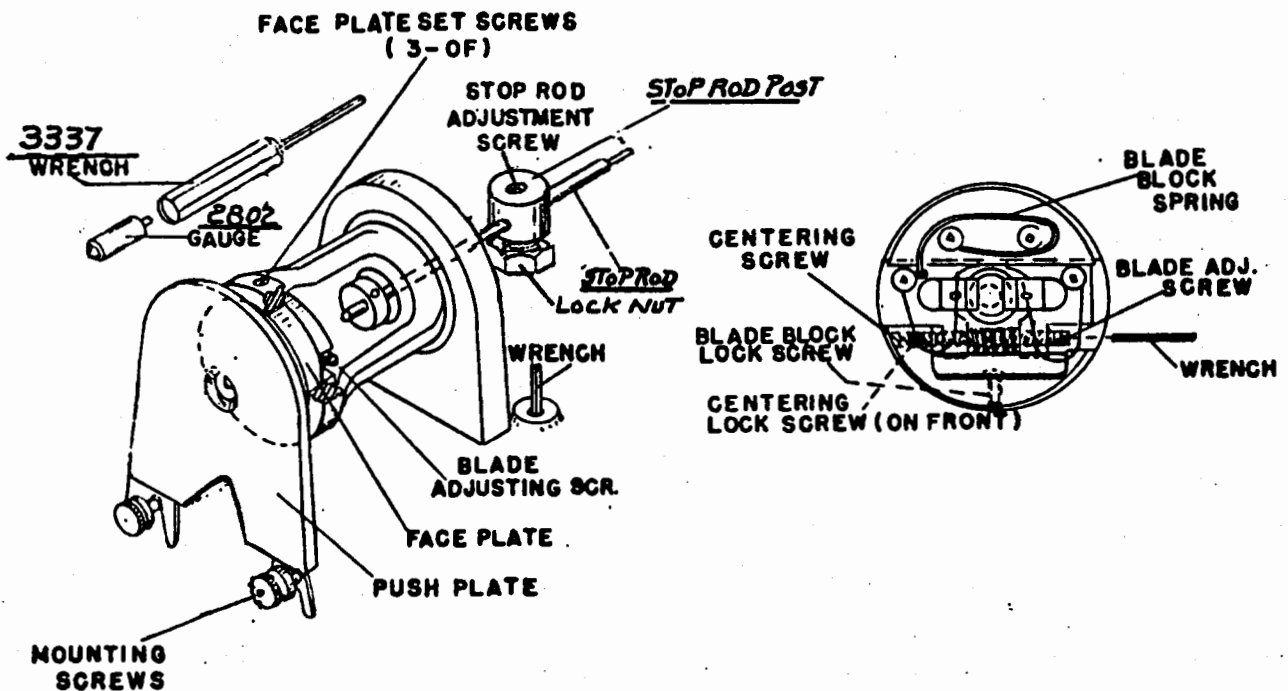


OPERATING INSTRUCTIONS FOR CARPENTER MODEL 74B 3-in-1 COAXIAL WIRE STRIPPER

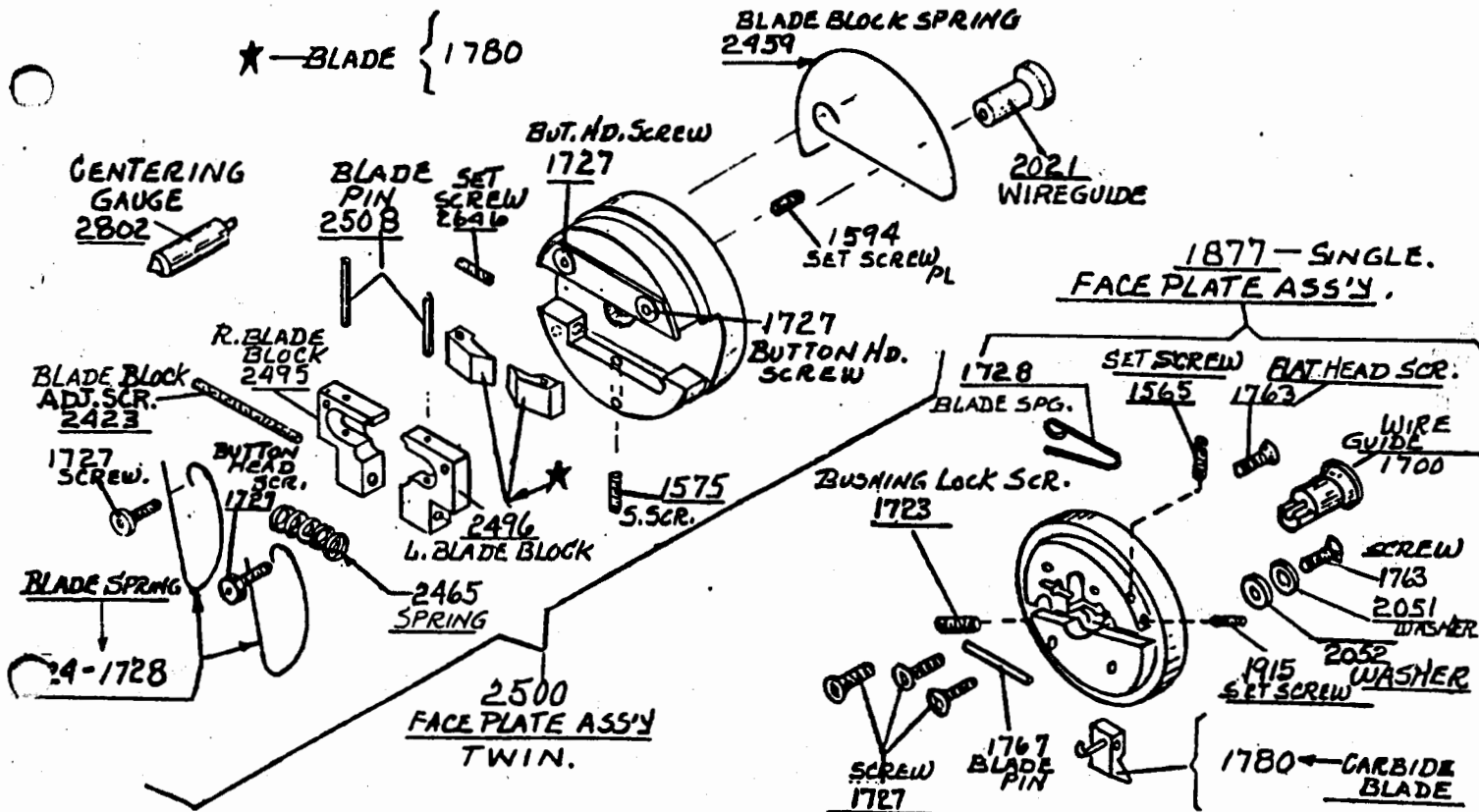
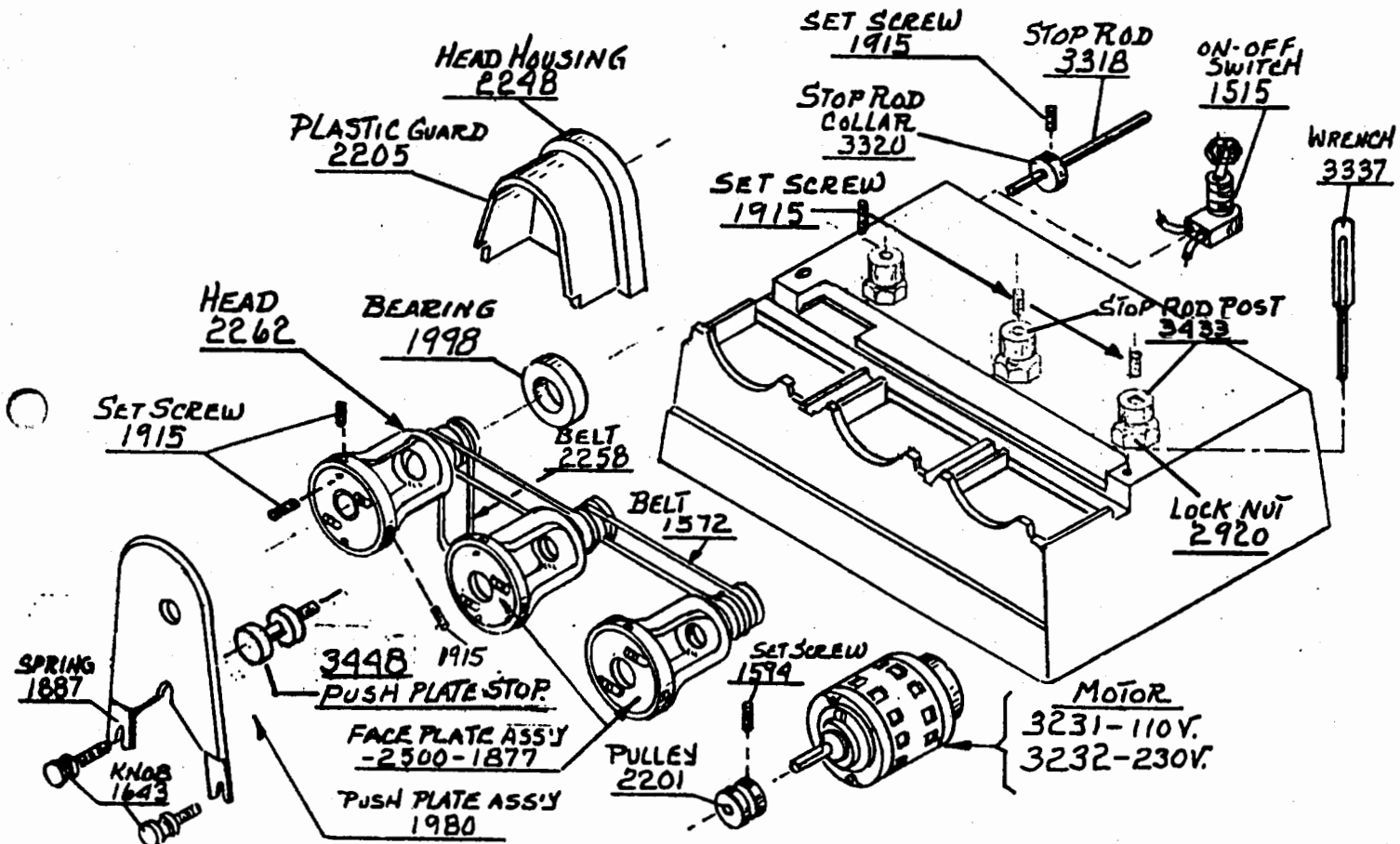
#1877 SINGLE BLADE FACE PLATE ASSEMBLY



#2500 TWIN BLADE FACE PLATE ASSEMBLY



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