

DELUXE STITCHER

COMPANY INC.

solving your wire stitching needs for 125 years...

ADVANTAGE



OWNERS MANUAL

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WARNING!

ADVANTAGE MACHINE

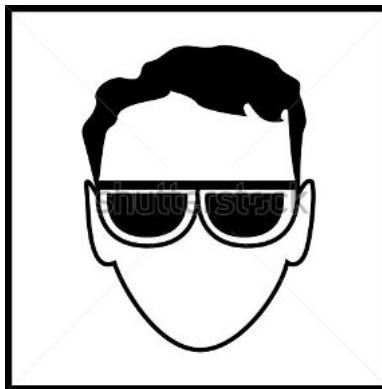
Machine operators and others in the work area should always wear safety glasses to prevent serious eye injury from fasteners and flying debris when loading, operating, or unloading this machine.

Do not operate this machine without all stitcher machine guards in place. Do not modify the guards in any way. Always disconnect the power supply before removing any guards for servicing.

Never operate the machine with wire feeding through the head unless there is stock above the clinchers, otherwise serious damage may result.

Always turn power off when making adjustments. Always disconnect the power cord before any disassembly work.

EYEWEAR



REQUIRED

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2. MACHINE & HEAD SPECIFICATIONS

MACHINE

Height	56" (142.2cm) to top of cabinet. 72" overhead clearance required.
Floor Space	36" wide x 24" deep (91.4cm x 61cm).
Net Weight:	1300 lbs. with two heads.
Shipping Weight:	1600 lbs. Gross Weight
Electrical Power	220 VAC, 50 HZ, 1 phase.
Motor	1/2 HP (0.37 kw), capacitor start, 115/230 VAC, 1725 RPM, ball bearing, NEMA 56 frame, 5/8" dia. x 1 7/8" shaft.
Clutch	Mechanical, single revolution, solenoid trip.
Stitching Speed	156 stitches per minute.
Clincher Height	34" (86.4cm) from floor.
Table	36" wide x 8" deep (91.4cm x 20.3cm).
Throat Depth	Saddle stitching: 12 1/2" (31.8cm). Flat stitching: 9 1/2" (24.1cm) with back gauge. Without back gauge: no limit.
Clearance	29/32" (23mm) Between heads and clinchers.
Pass Through Width	Flat only: 24 1/4" (61.6cm).

STITCHING HEADS

Quantity	Five (5) G20 heads provided; 8 head maximum.
Thickness Capacity	Two sheets to 25/32 " (20 mm).
Stitch Spacing	2 3/4" (70 mm) @ 1.5mm Capacity. For other Thicknesses: 2 3/4 + Work Thickness 2 3/4 + 3/4" (Max.) 21" (53.3cm) max. with 2 heads. Width of heads are 2 7/8" (73mm).
Crown (Stitch Width)	1/2" (12.7mm) or 5/8" (15.9mm) standard. 3/4" (19mm) available on special quotation.
Wire Sizes	Round wire: #20 through #28 Gauge Flat wire: #21 x 25, #20 x 25, #20 x 24, #19 x 21 1/2 Standard: #20 x 24 Flat & 24 Ga Rd.

3. MACHINE INSTALLATION

UNCRATING

Crate Specifications: Tare Weight - Approx. 300 Lbs.
Size - 49" wide x 48" deep x 72" high

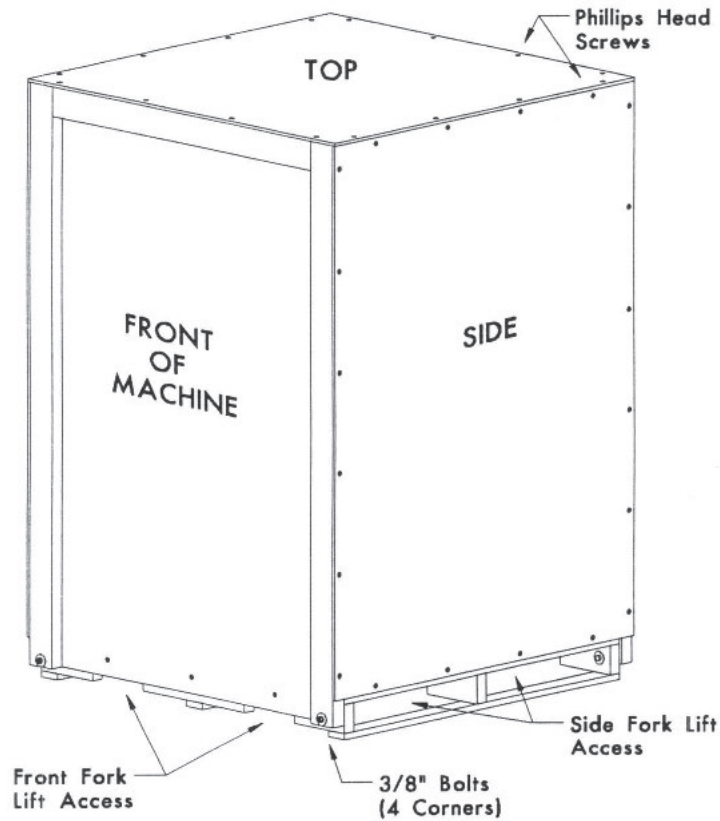
Tools Required: 1. Phillips head screwdriver
 2. 9/16" deep well socket

The crate is clearly marked front, back & sides, which correspond directly to the front, back and sides of the machine.

Access with a fork lift can be achieved from any of the four sides.

Please follow the following steps:

1. Remove all the Phillips head screws from the top edges. Lift the top away from the crate.
2. Remove all the Phillips head screws from the two side panels. The panels will fall free.
3. Remove the four 3/8" bolts at the bottom corners of the front and back panels. The panels will fall free from the pallet.

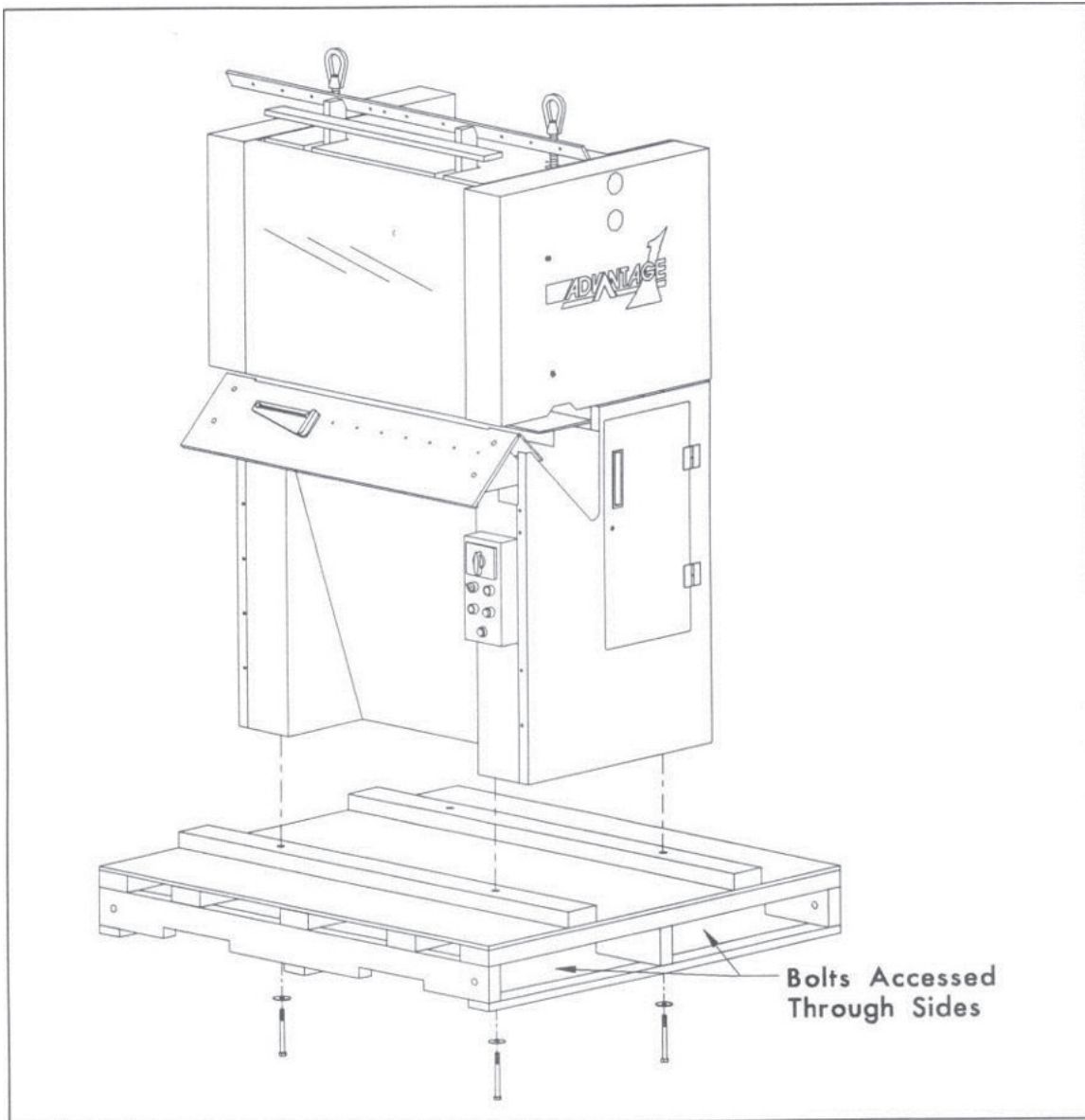


3. MACHINE INSTALLATION

UNCRATING

4. Remove the (3) 3/8" bolts which anchor the machine to the pallet. These can be reached through the side fork lift access of the pallet.

CAUTION: DO NOT USE A FORK LIFT FROM THE BOTTOM OF THE MACHINE WHEN MOVING FROM ONE LOCATION TO ANOTHER. DOING SO MAY RESULT IN DAMAGE TO THE BASE OF THE UNIT.

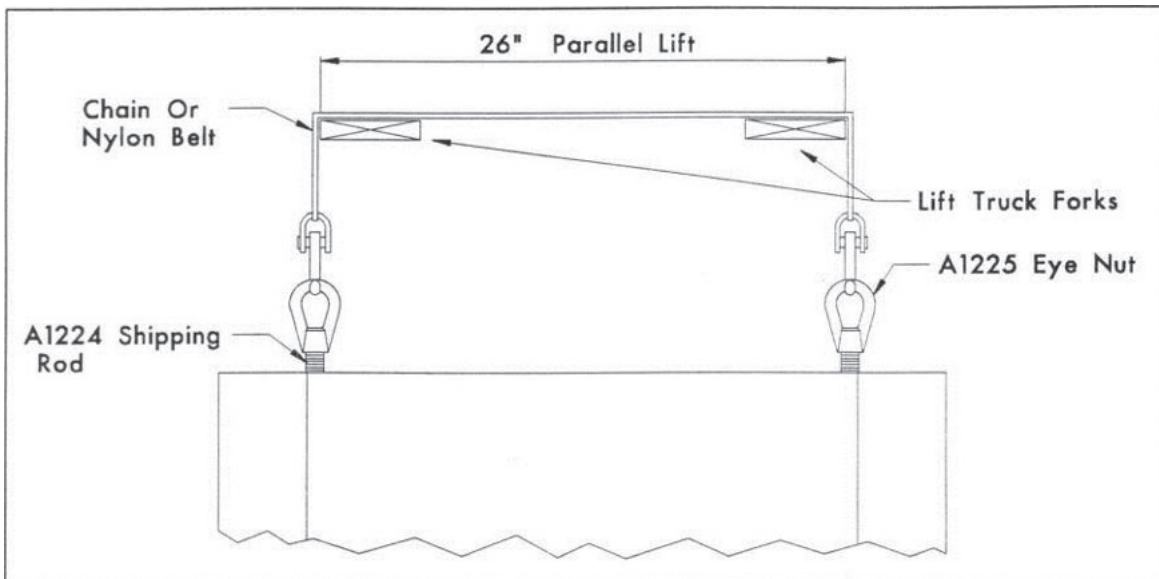


3. MACHINE INSTALLATION

MOVING THE MACHINE

The machine must be lifted by the two #A1225 Eye Nuts located above the top surface of the cabinet. Use a parallel lifting system with a distance of 26 inches between the forks of the lift truck.

CAUTION: IT IS NECESSARY THAT THE LIFT HOOKS BE 26 INCHES APART AND ARE PULLED VERTICALLY OR THE SHIPPING RODS MAY BEND, DAMAGING THE CABINET.



Once the machine has been positioned in place, remove the two #A1224 Shipping Rods and two #A1225 Eye Nuts. (Save the Shipping Rods & Eye Nuts to use if the machine must be relocated).

CAUTION: DO NOT USE A FORK LIFT FROM THE BOTTOM OF THE MACHINE WHEN MOVING FROM ONE LOCATION TO ANOTHER. DOING SO MAY RESULT IN DAMAGE TO THE BASE OF THE UNIT.

3. MACHINE INSTALLATION

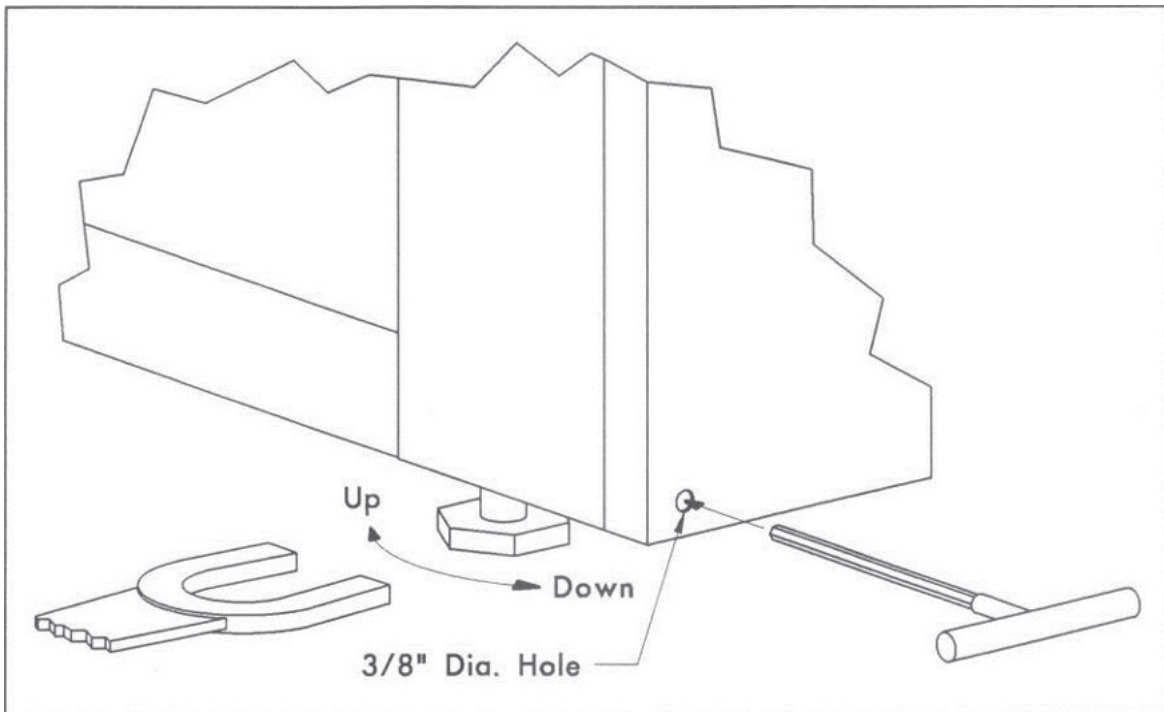
ADJUSTING THE LEVELING FOOT

- Tools Required:
1. 1/8" alien wrench (minimum 4" long shank)
 2. 2" spanner wrench

To accommodate varying floor contours, the left rear foot is an adjustable leveling foot.

Locate the 3/8" diameter hole in the bottom rear corner on the left side of the cabinet. Using the 1/8" hex driver, locate the adjustable "lock" screw approximately 3-1/2" inside the hole and loosen the screw.

Rotate the leveling foot with the spanner wrench until the foot touches the floor; **rotate 1/4 turn more.** **Re-tighten the lock screw.**



3. MACHINE INSTALLATION

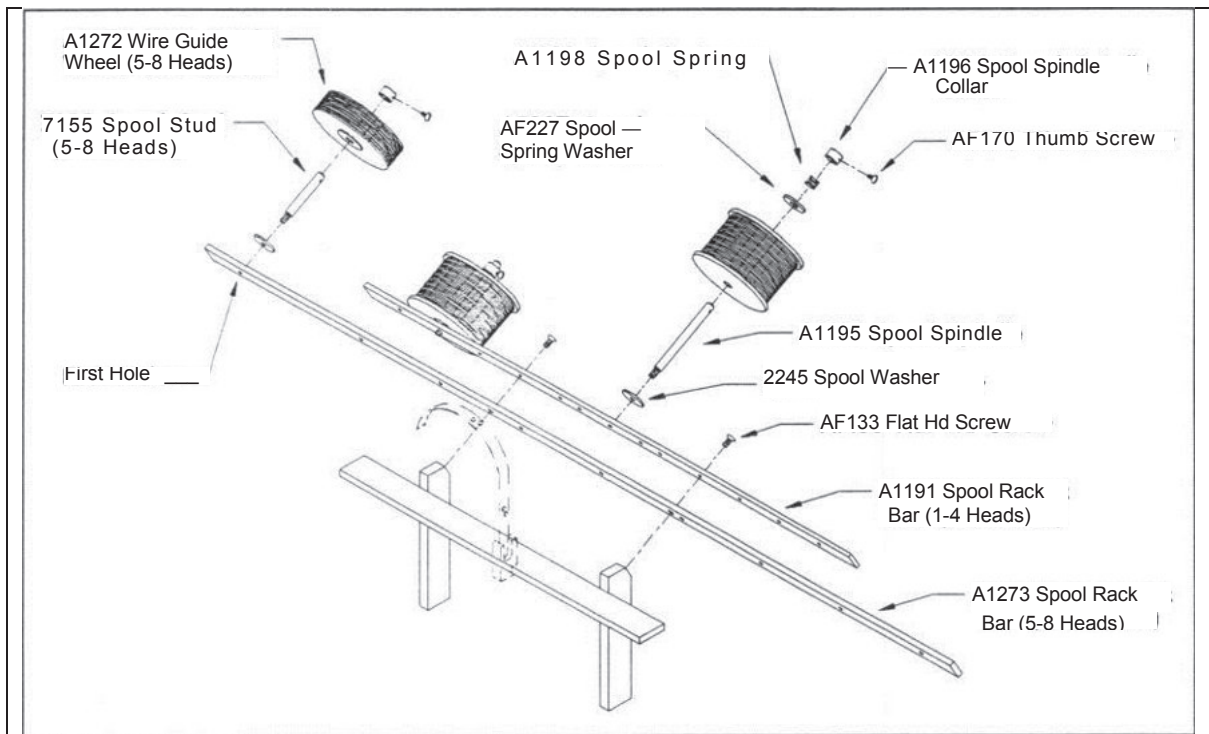
ATTACHING THE SPOOL BAR

1 - 4 HEADS:

The #A1191 Spool Rack Bar and #A1195 Spool Spindles are supplied pre-assembled to the machine from the factory. All that is required is to attach the spools of wire, which are crated separately. Spools should be loaded so that when the wire is drawn out to the left the spool will rotate clockwise. It is important to keep a light drag on the spool by compressing the #A1198 Spool Spring and locking it in place with the #A1196 Spool Spindle Collar.

5 - 8 HEADS:

Due to its 68" length, the #A1273 Spool Rack Bar* is not assembled to the machine when shipped. It is necessary to attach it as illustrated below, with the two #AF133 Flat Head Screws provided. Follow the same procedure for attaching spools of wire as explained above. When using 5 or more heads, the #A1272 Wire Guide Wheel* must be attached to the first hole on the left side of the #A1273 Spool Rack Bar*, using the #7155 Spool Stud*. See illustration below.

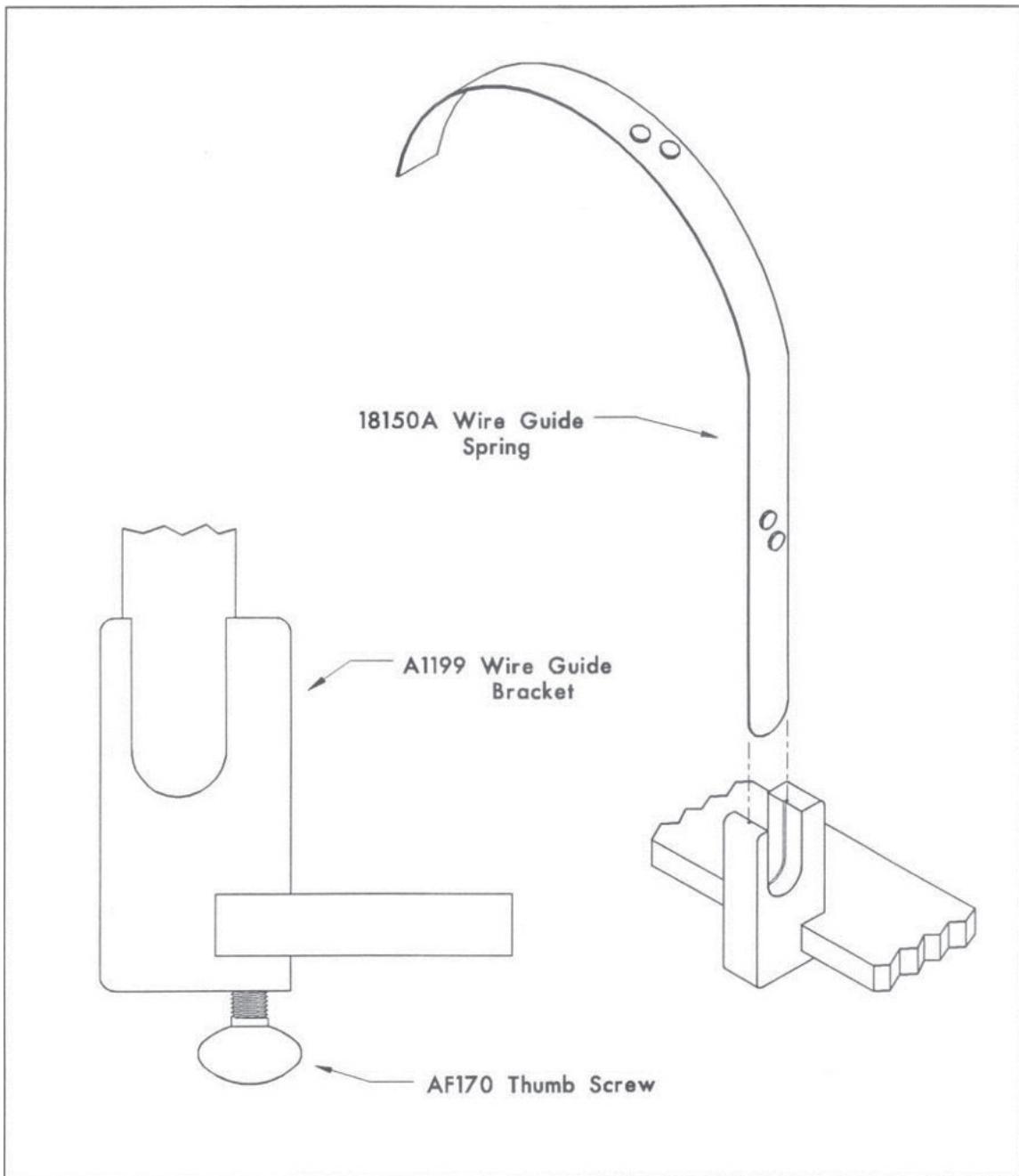


* Parts included with machine when furnished with 5 or more heads.

3. MACHINE INSTALLATION

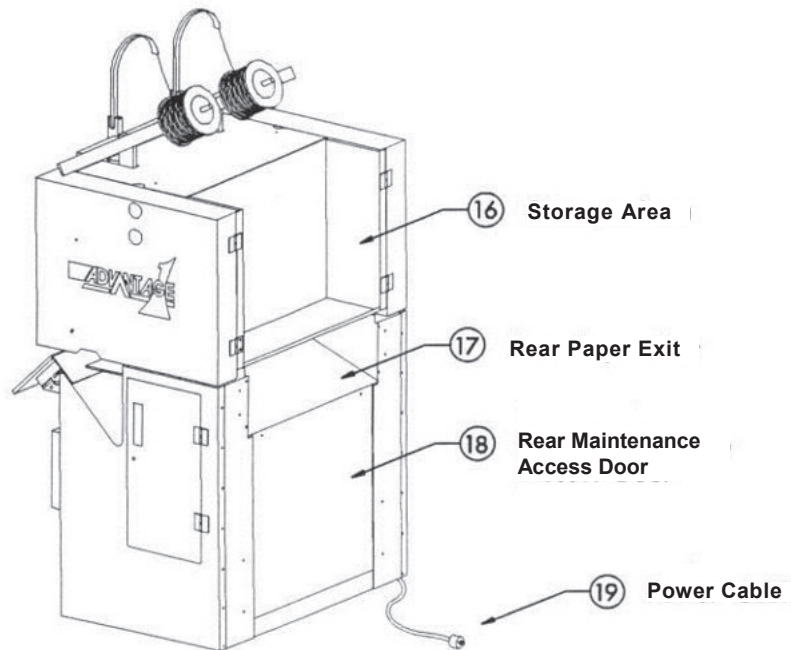
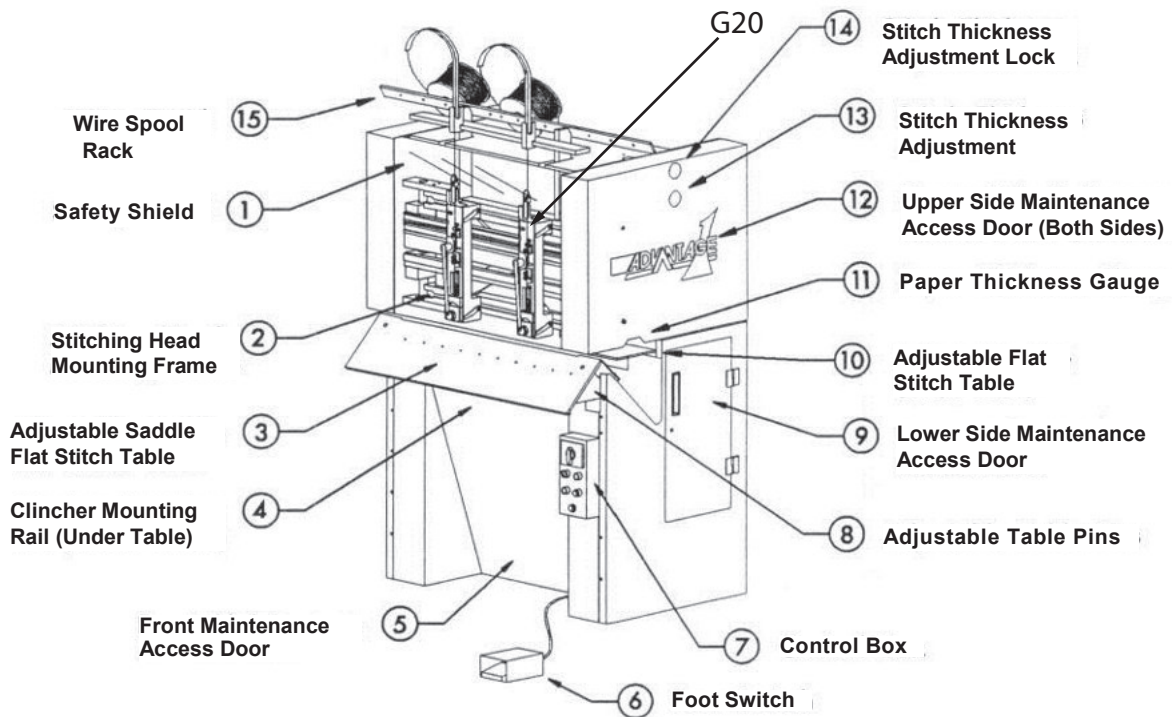
INSTALLING THE WIRE GUIDE BRACKET & SPRING

Each head requires its own #A1199 Wire Guide Bracket & #18150A Wire Guide Spring. The bracket is positioned on the rail above the head and is located at the center of the head. The bracket is held in position by a #AF170 Thumb Screw. The spring is pushed into the slot in the bracket with the curve facing to the left. A spool of wire should be located approximately 6" to the left of its head. This spool location is only approximate and not critical to the operation.



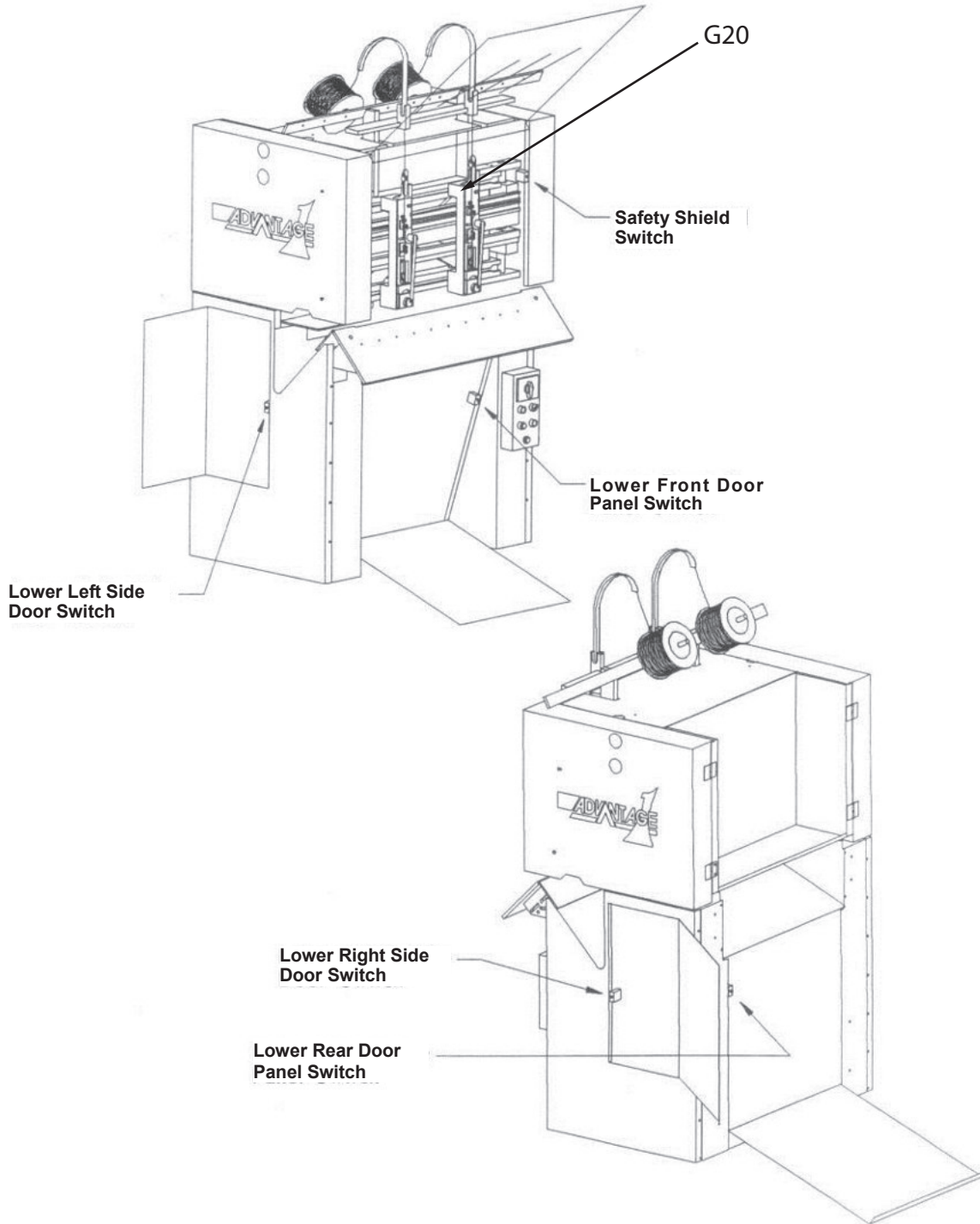
4. LOCATION OF FEATURES

OPERATIONAL FEATURES



4. LOCATION OF FEATURES

LOCATION OF INTERLOCK SWITCHES



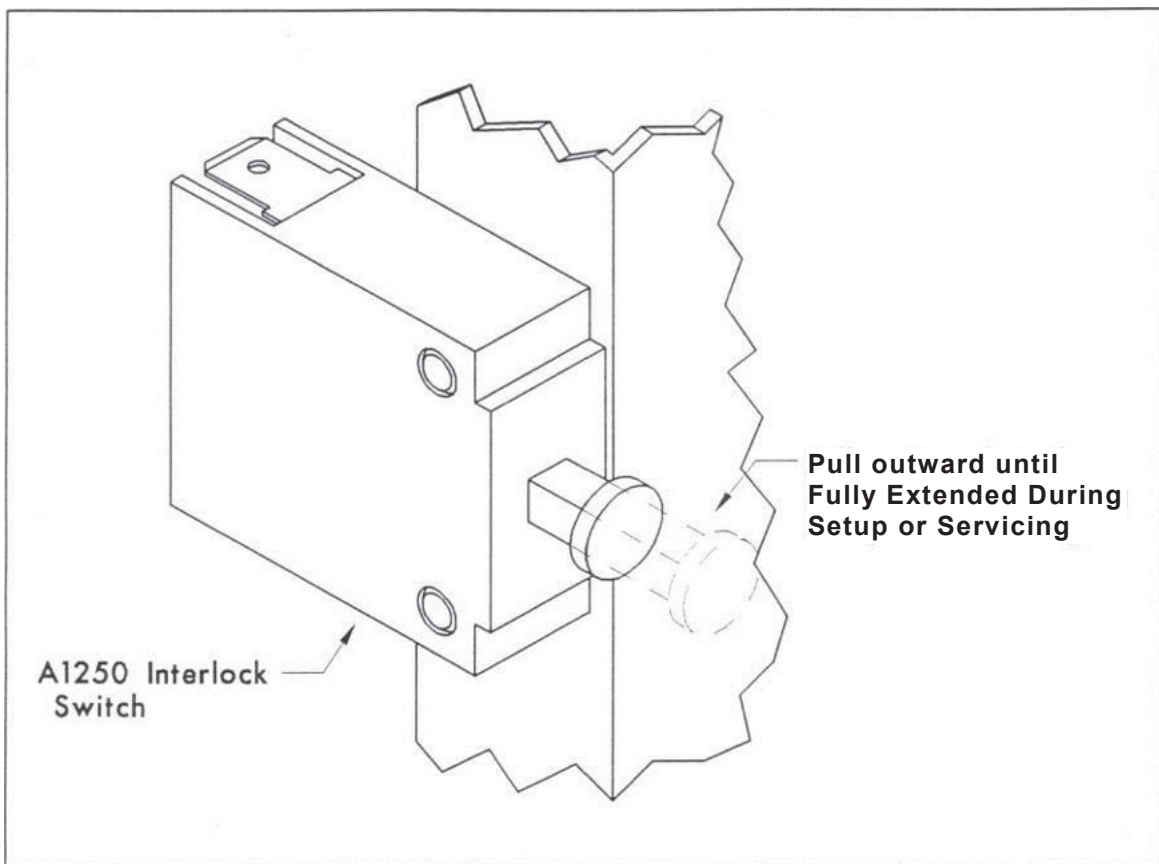
5. OPERATING YOUR "ADVANTAGE-1"

INTERLOCK SWITCH OPERATION

While setting up or servicing the "ADVANTAGE-1" it may be necessary to have the machine power on and have access panels open and the safety shield removed. With any access doors open or the safety shield removed, the appropriate interlock switches must be overridden.

To override the interlock switches, pull the button straight out as shown.

Following the set up or servicing of your machine, push the button in. This will restore the safety function of the switch. (With the button in, the access doors & safety shield must be returned to the closed position to operate the machine.)

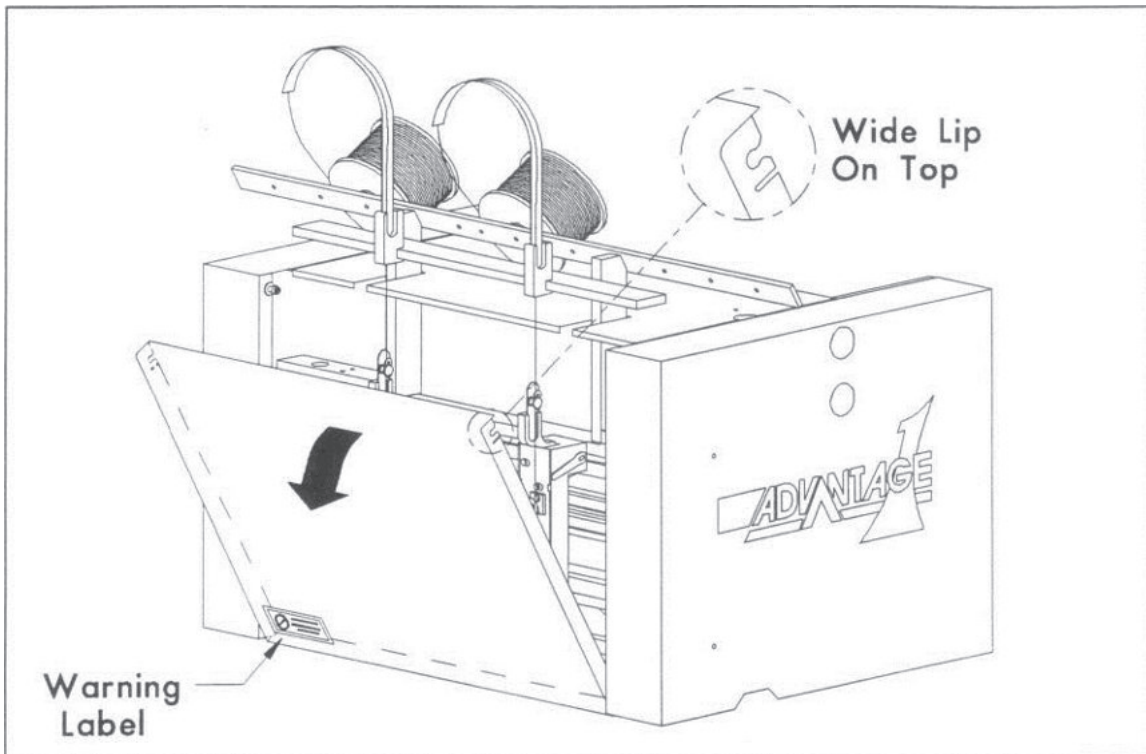


5. OPERATING YOUR "ADVANTAGE-1"

SAFETY SHIELD

The Safety Shield protects the operator from accidentally coming into contact with the moving mechanisms while allowing visual observation of mechanical operation.

The Shield opens from the bottom or the top. The pivot points are keyhole-shaped slots snapped onto posts.



To remove the shield, pull the bottom edge away (allowing it to lay against the machine), then snap off the top pivots.

To replace the shield, place the slot opening across the post and push straight in, one slot at a time, snapping the top pivots onto the machine, first.

CAUTION: DO NOT INVERT SHIELD WHEN REINSTALLING; BE SURE THE WIDE LIP IS ON THE TOP SIDE AND THE WARNING LABEL IS IN THE LOWER LEFT HAND CORNER TO AVOID DAMAGE.

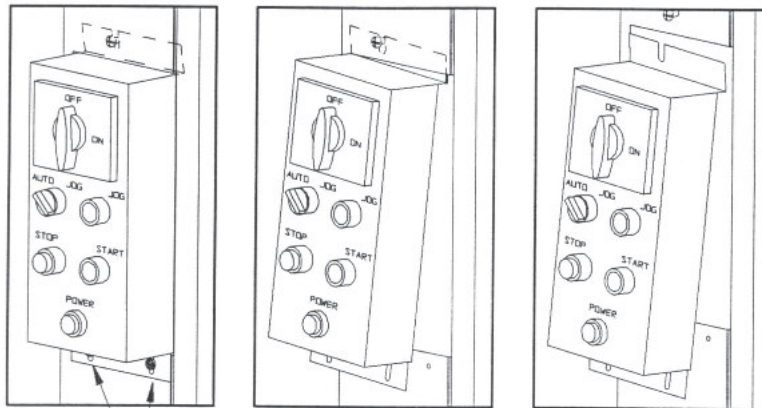
NOTE: THE SHIELD MUST BE IN PLACE BEFORE THE MACHINE WILL OPERATE.

5. OPERATING YOUR "ADVANTAGE-1"

REMOVAL OF THE CONTROL BOX

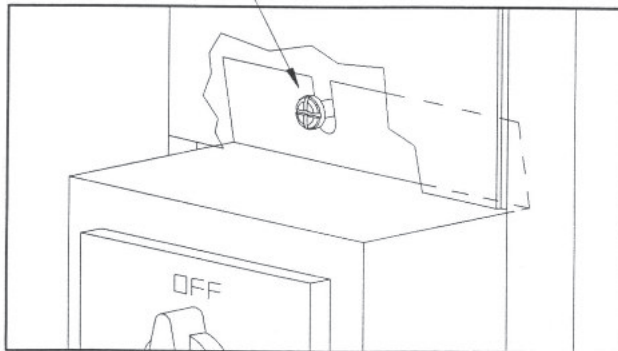
The #A1220 Control Box can be easily removed from the machine. Located just below the Box are (2) #AF190 Screws. Remove the Screws and pivot the Box out approx 2". Slide the Box down about a 1/2". The Box will then become free from the Housing. The wires will remain attached but access to the back of the switches is now permitted.

When replacing, make sure the slot on the Box slips under the head of the #AF153 Screw located beneath the Housing. Follow the reverse order of the removal procedure above.



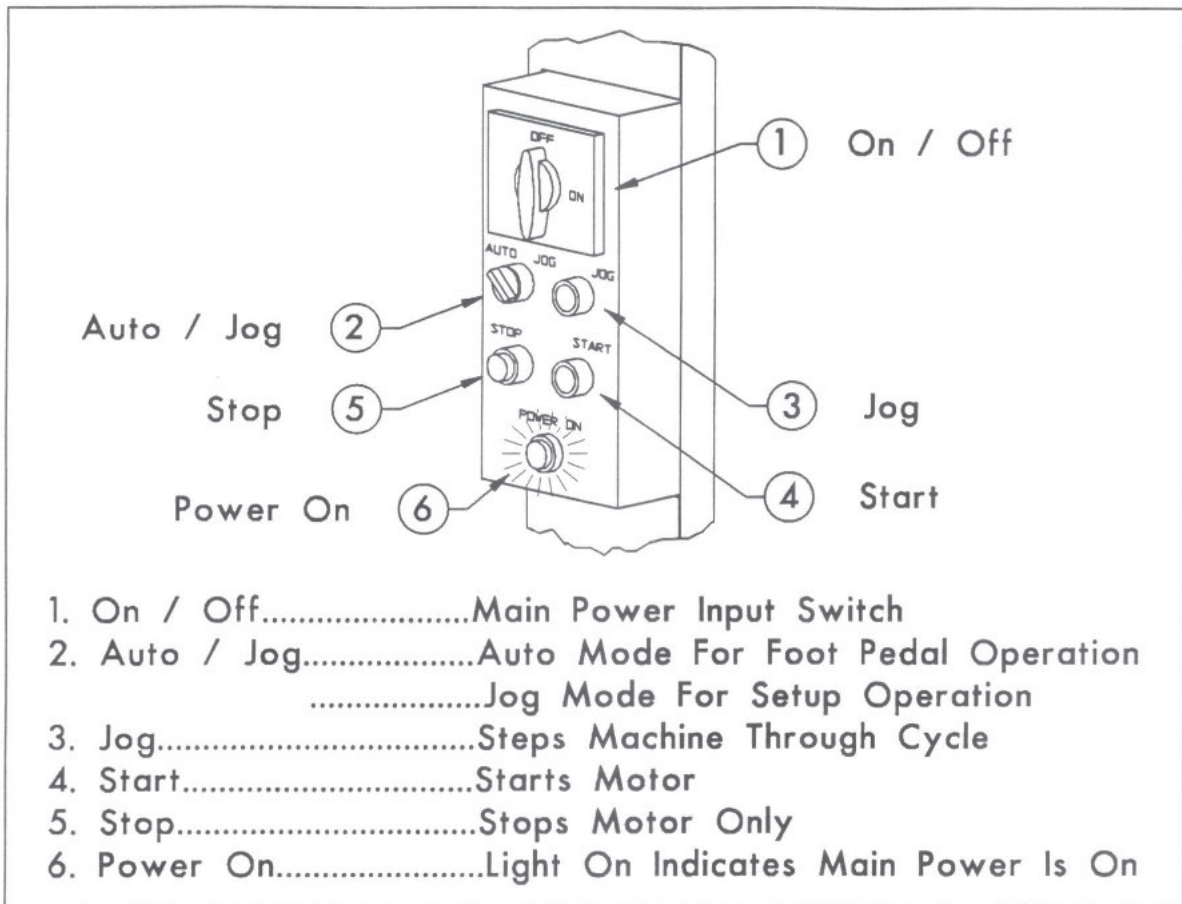
AF190 Screw

AF153 Screw



5. OPERATING YOUR "ADVANTAGE-1"

CONTROL BOX FEATURES



1. ON/OFF : This is the primary power control for the 110V input to the machine. This switch is protected by two fuses for added safety.
2. AUTO/JOG : This is a selector switch that allows the operator to choose a set-up mode (JOG) or a production-run mode (AUTO).
3. JOG : This is a push button switch. By tapping this switch with **short quick strokes**, the operator can step through the complete cycle.
4. START : The Start Switch turns on the motor in preparation for starting a production run.
5. STOP : This push button switch will turn off the **Motor Only**.
6. POWER ON LAMP : This lamp is illuminated when the ON/OFF switch is turned **ON**. This does not indicate the running status of the Motor.
7. FOOT PEDAL : A. Single tap for one complete cycle.
(not shown) B. Keep depressed for continuous cycling.

5. OPERATING YOUR "ADVANTAGE-1"

CYCLING YOUR MACHINE

<u>SWITCH MODE</u>	<u>FOR SET UP</u>	<u>FOR PRODUCTION</u>
1. ON/OFF	Turn to ON (Lamp will light)	Turn to ON (Lamp will light)
2. AUTO/JOG	Turn to JOG	Turn to AUTO
3. JOG	Tap to step through cycle	Not used
4. START Not used	Push to start Motor.	
5. STOP	Not used	Press to stop Motor Only .
7. FOOT PEDAL	Not used	Keep depressed for continuous cycling of machine. Release to momentarily stop stitching.

Caution: The machine must always be returned to the "Home" (cycle completed) position after being in the JOG mode.

To insure "Home" position:

Turn AUTO/JOG Selector Switch to AUTO.

Press START button.

If machine does **not** cycle, this indicates that the machine is already in "Home" position.

NOTE: NEVER LEAVE MAIN POWER ON IF MACHINE IS UNATTENDED.

5. OPERATING YOUR "ADVANTAGE-1"

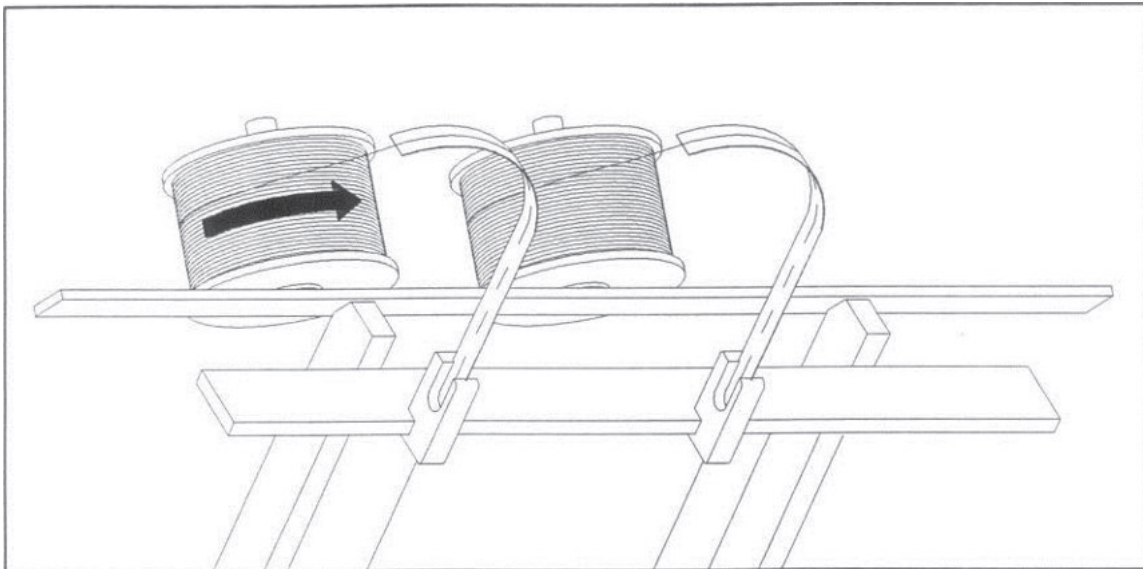
THREADING WIRE THROUGH THE SPOOL RACK

1 - 4 HEADS:

A Spool of wire should be located approximately 6" to the **left** of it's Head.

The Spools should be loaded so that the wire is drawn out to the left and from the underside. The Spool will rotate clockwise.

Feed the wire up to the Guide Spring and down towards the Head. Adjust the tension **on the** Spool Spring so a little drag is felt as wire is pulled from the Spool.



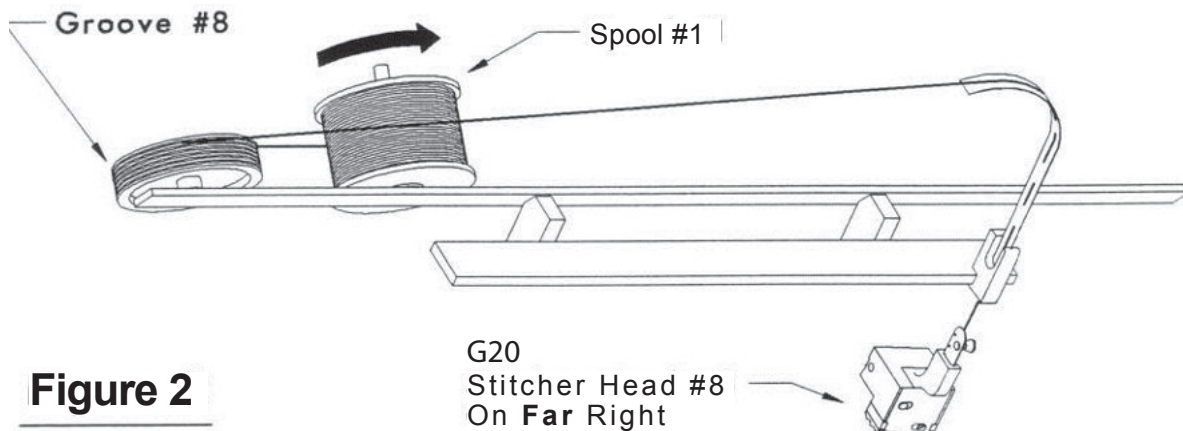
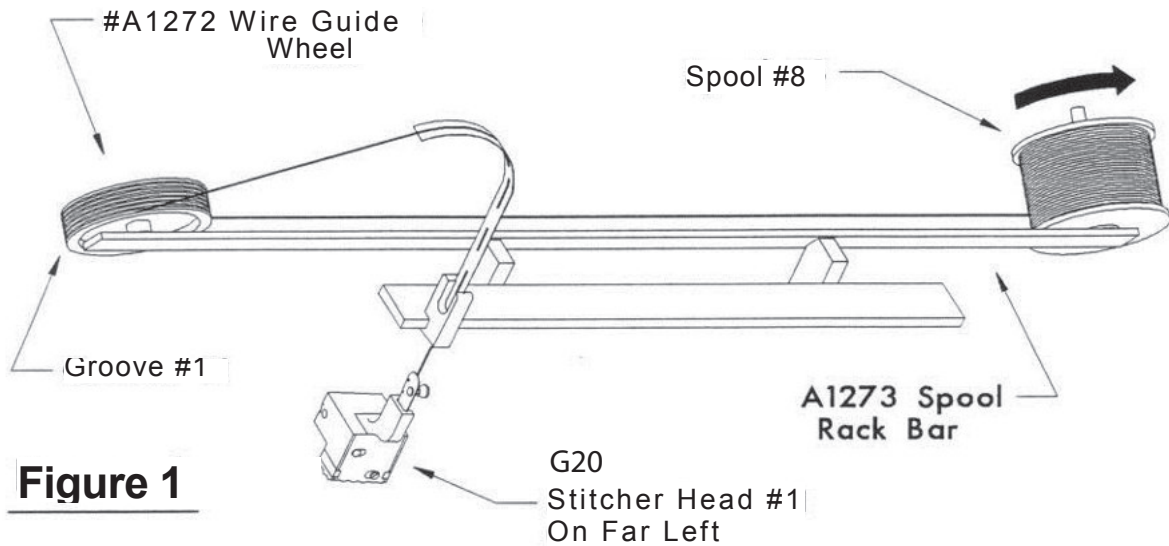
5. OPERATING YOUR "ADVANTAGE-1"

THREADING WIRE THROUGH THE SPOOL RACK (5 OR MORE HEADS)

☒ If you will be using 5 or more Heads, you will need to use the #A1273 Spool Rack Bar and the #A1272 Wire Guide Wheel to accommodate the additional spools of wire. The illustrations below show how wire is to be threaded when using the maximum configuration of 8 heads & 8 spools of wire.

☒ Wire from Spool #8, through Wire Guide Wheel Groove #1, feeds Head #1 (see figure 1).

☒ Wire from Spool #1, through Wire Guide Wheel Groove #8, feeds Head #8 (see figure 2).



5. OPERATING YOUR "ADVANTAGE-1"

PAPER THICKNESS ADJUSTMENT

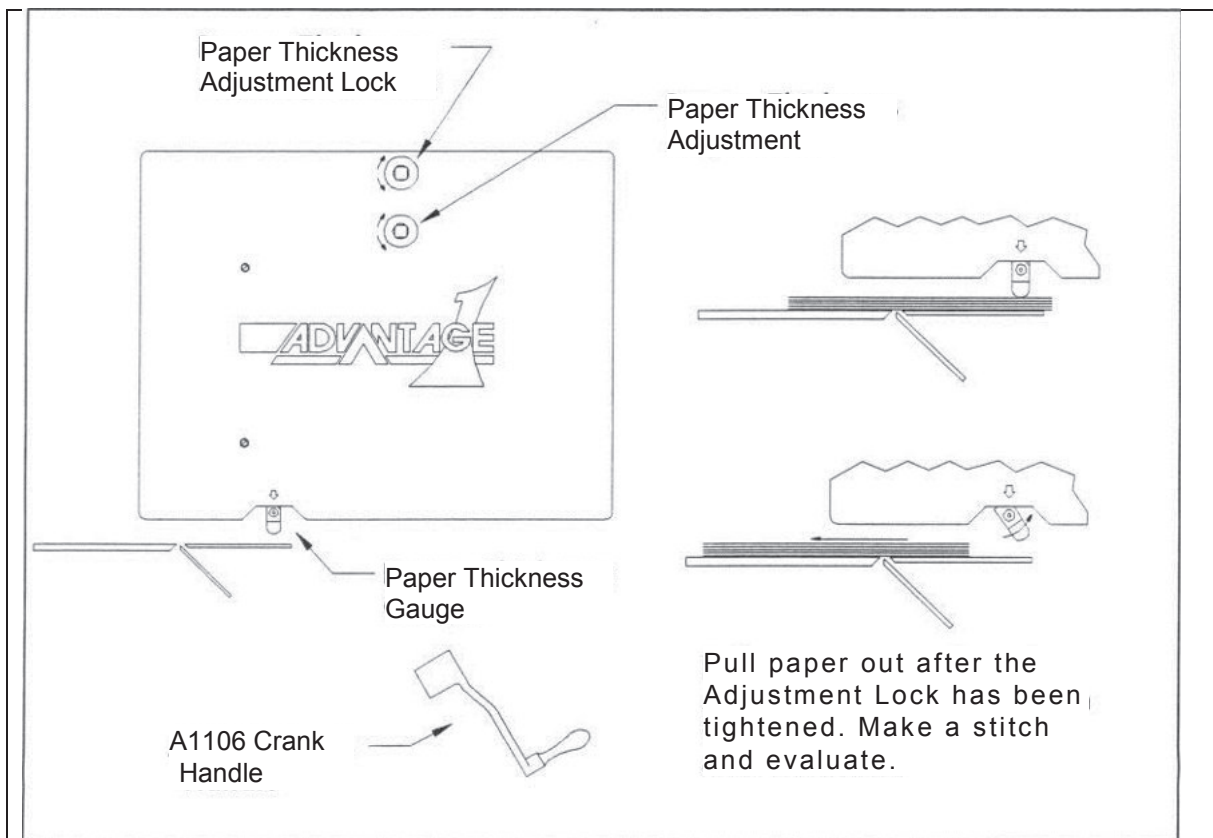
Your "ADVANTAGE-1" can accommodate paper stacks from 2 sheets to 25/32" (20 mm) thick.

Adjustments can be made in 3 easy steps that are all done on the Right Side of the machine.

1. With the #A1106 Crank Handle, unlock the upper Adjustment Lock.
2. With the same crank handle, raise or lower the Paper Thickness Adjustment. Use the Paper Thickness Gauge, as illustrated below, to determine the height of the stack.
3. Lock the mechanism in place with the Adjustment Lock.

The initial setting using the Paper Thickness Gauge on the machine is only a guide. After making samples, evaluate stitches and, if necessary, make adjustments as required.

CAUTION: THERE ARE BUILT IN STOPS AT THE THE MINIMUM AND MAXIMUM THICKNESS POSITIONS. ATTEMPTING TO CRANK THE HANDLE BEYOND THESE STOPS MAY RESULT IN DAMAGE TO THE MACHINE AND HEADS.



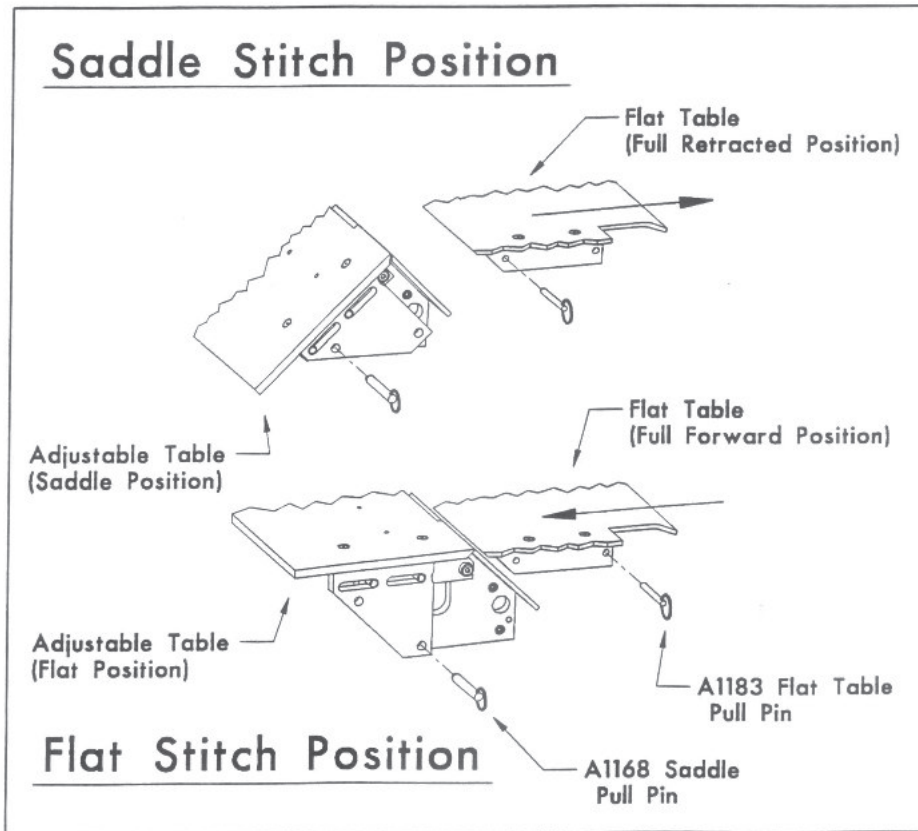
5. OPERATING YOUR "ADVANTAGE-1"

SETTING TABLE POSITIONS

The "ADVANTAGE-1" is easily converted from one style of stitching to another. No tools are required. When the machine is in the Saddle Stitch Mode, the front table is in a 45° slant position, and the Back Table is in its fully retracted position.

TO CHANGE TO A FLAT STITCH:

1. Remove the two #A1168 Saddle Pull Pins on each side of the saddle plate and pull the plate up to a full horizontal position. Insert the pins.
2. Remove the two #A1183 Flat Table Pull Pins on each side of the Adjustable Flat Table. Using both hands, slide the table forward until it touches the back of the Clincher Plate. Insert the pins.

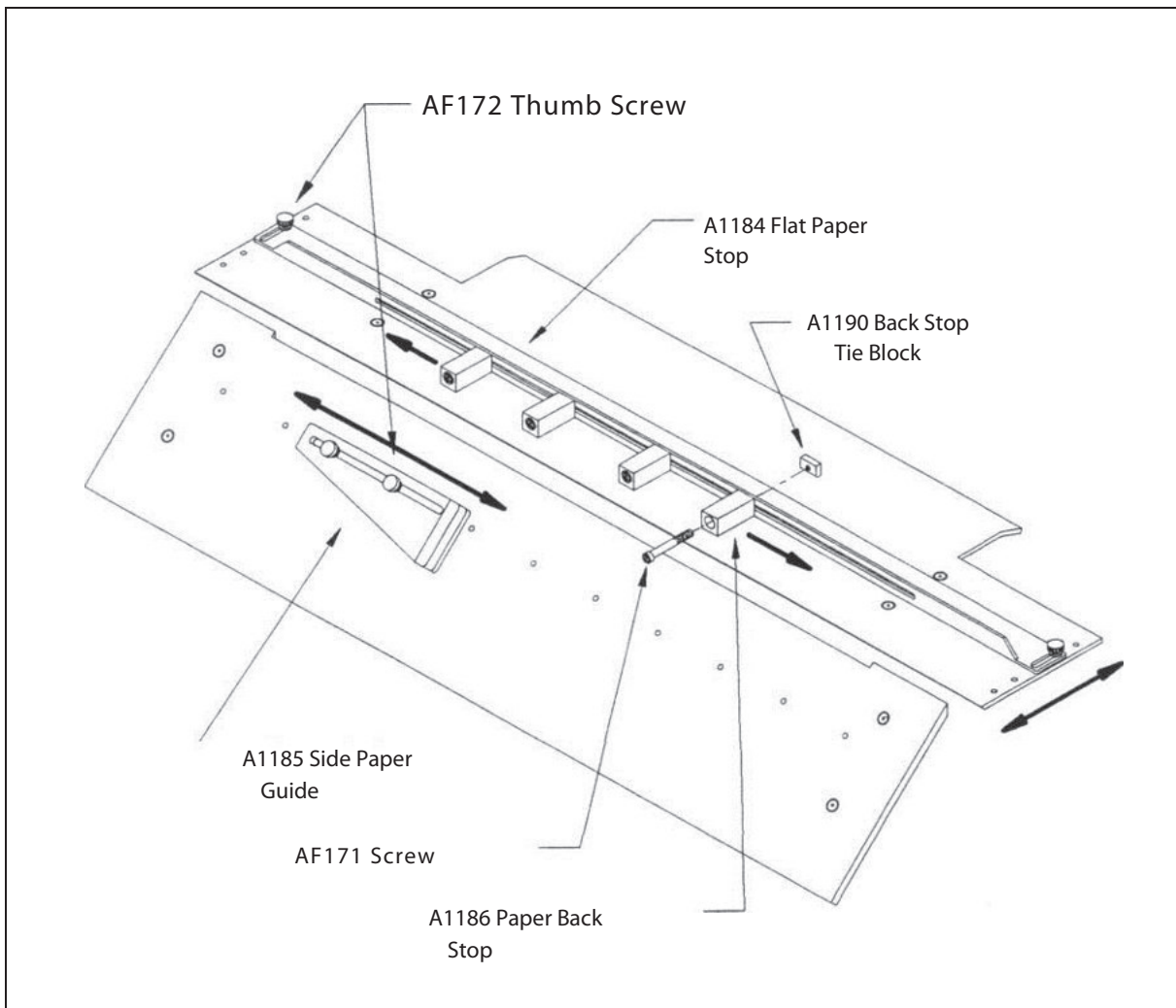


5. OPERATING YOUR "ADVANTAGE - 1"

SETTING PAPER GUIDE POSITIONS

#AF172 Thumb Screws are used to hold the #A1184 Flat Paper Stop and the #A1185 Side Paper Guide to the tables. Gross movement is achieved by moving the guides to a different set of tapped holes on the tables. Fine movement is made by sliding the guides along their elongated slots.

When locating the #A1186 Paper Back Stops in the slot on the #A1184 Flat Paper Stop, precautions must be taken to position them between, or adjacent to heads. Positioning the #A1186 Paper Back Stops under a head could result in damage to the head, guide and table.



6. CHANGING THE CONFIGURATION OF YOUR "ADVANTAGE - 1"

OPENING THE UPPER SIDE PANELS

Tools Required: Flat Head Screwdriver

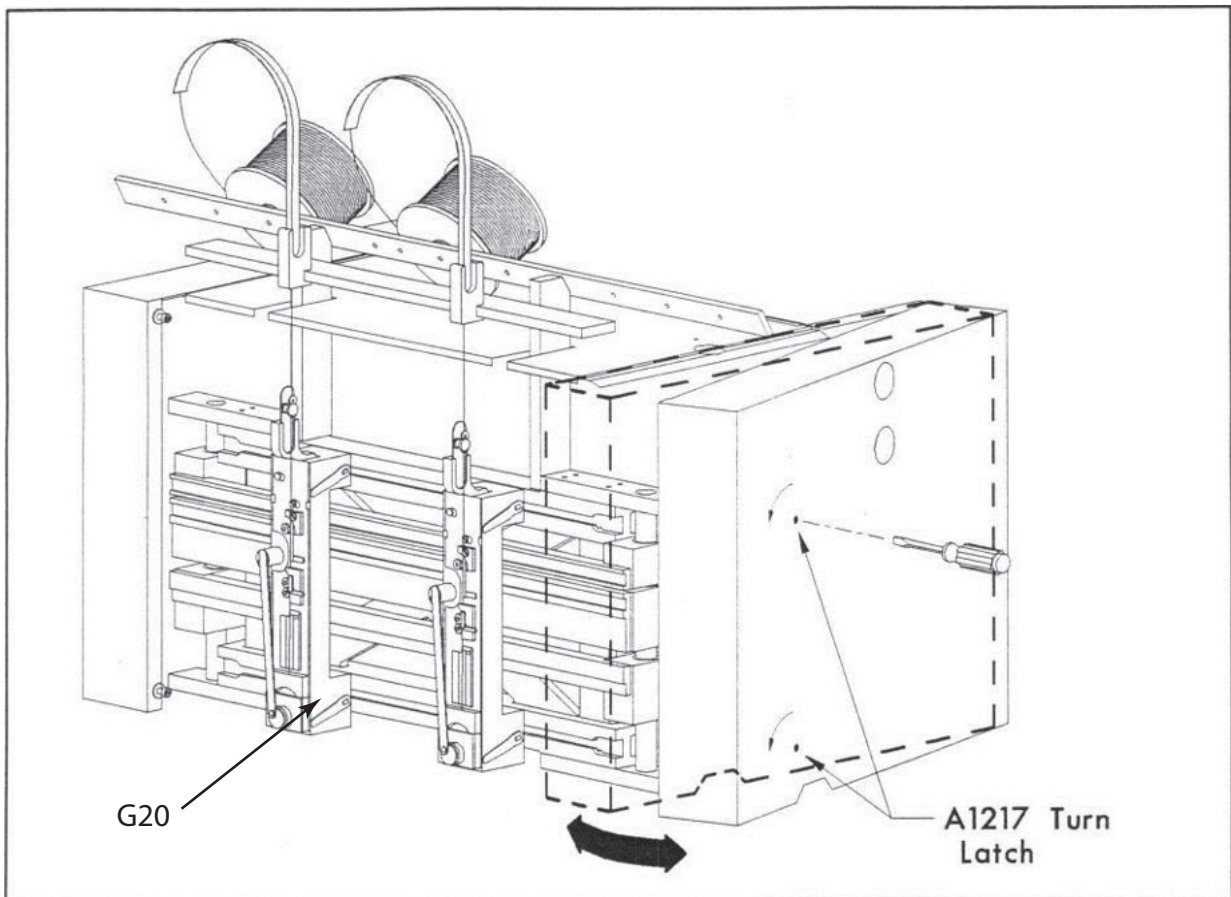
Remove the #A1215 Safety Shield.

Rotate the (2) #A1217 Turn Latches, located on the Right Side Panel, counterclockwise approx three revolutions.

Panel is hinged at rear and can now be swung open. The

Left Side Panel can be opened in the same manner.

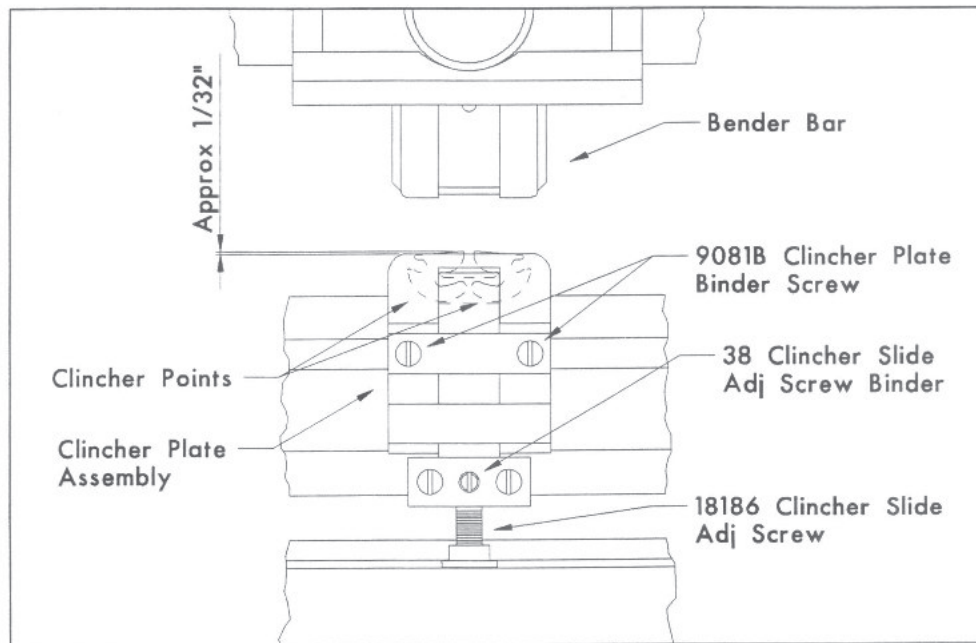
NOTE: THE UPPER SIDE PANELS AND LOWER SIDE DOORS CAN BE EASILY REMOVED FROM THE MACHINE BY LIFTING THE DOORS OFF OF THEIR HINGES.



6. CHANGING THE CONFIGURATION OF YOUR "ADVANTAGE-1"

ADJUSTING THE CLINCHER ASSEMBLY

- Raise the Saddle Table to the horizontal position.
- Turn ON main power switch. (Do not push START button)
- Turn AUTO/JOG switch to JOG.
- Press JOG button to step through cycle.
- Bring Bender Bar to its lowest position. The center of the Bender Bar **must** be aligned with the center of the the Clincher Assembly. Alignment can be achieved by loosening the (2) #9081B Clincher Plate Binder Screws and moving the Clincher Assembly to the right or left.
- The Clincher Points will be in their highest position.
- The points should be flush with a maximum of 1/32" above the top of the Clincher Plate. To adjust Points, loosen the #38 Clincher Slide Adj Screw Binder and turn the #18186 Clincher Slide Adjusting Screw to raise or lower Points. If Points are lowered, tap down on Points after lowering the #18186 Screw, inspect for proper height, and lock the #38 Screw.
- Turn AUTO/JOG switch to AUTO position.
- Press the Start Button. Machine will cycle to **Home** position.

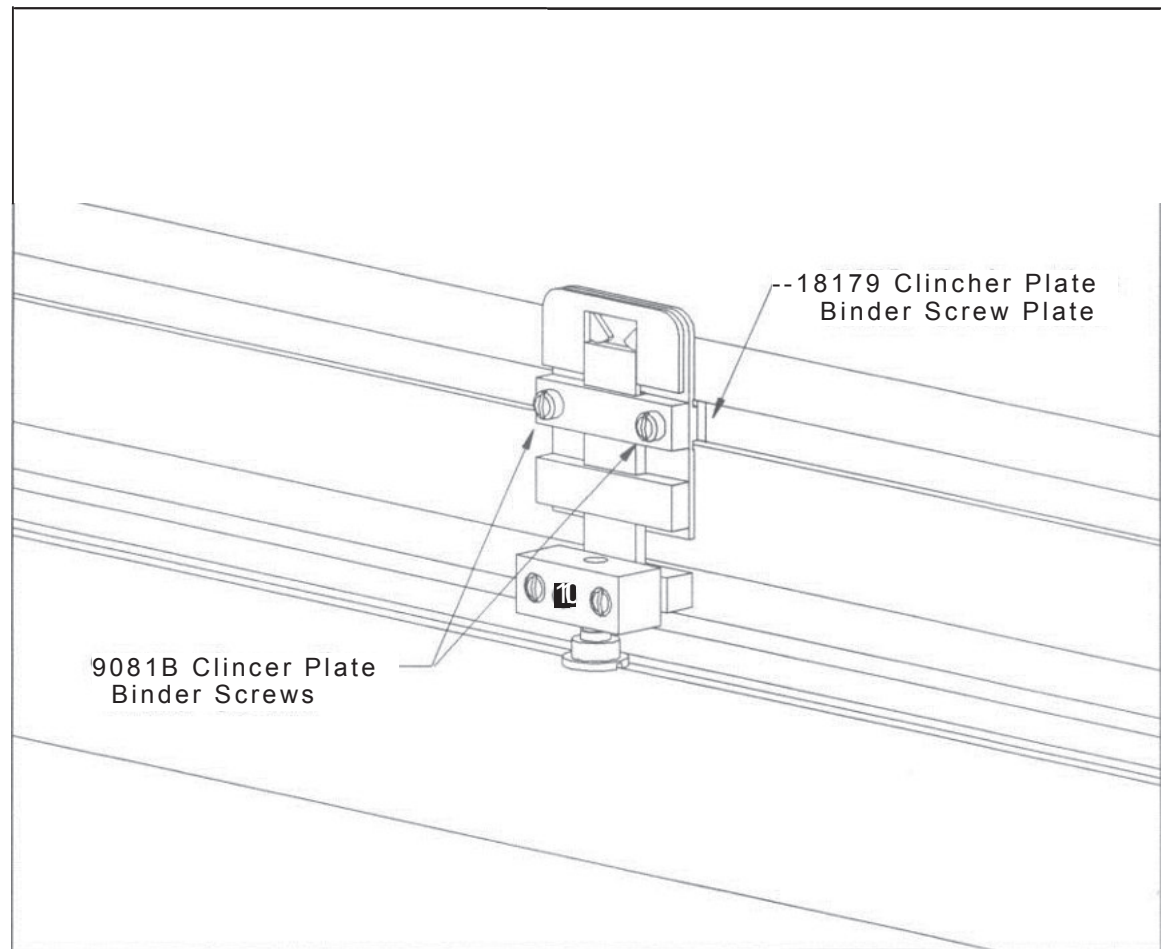


6. CHANGING THE CONFIGURATION OF YOUR "ADVANTAGE-1"

REMOVING THE CLINCHER ASSEMBLY

Raise the saddle table to the horizontal position.

Loosen and remove the (2) #9081B Clincher Plate Binder Screws. Remove the Clincher Assembly from the machine. The #18179 Clincher Plate Binder Screw Plate does not need to be removed.



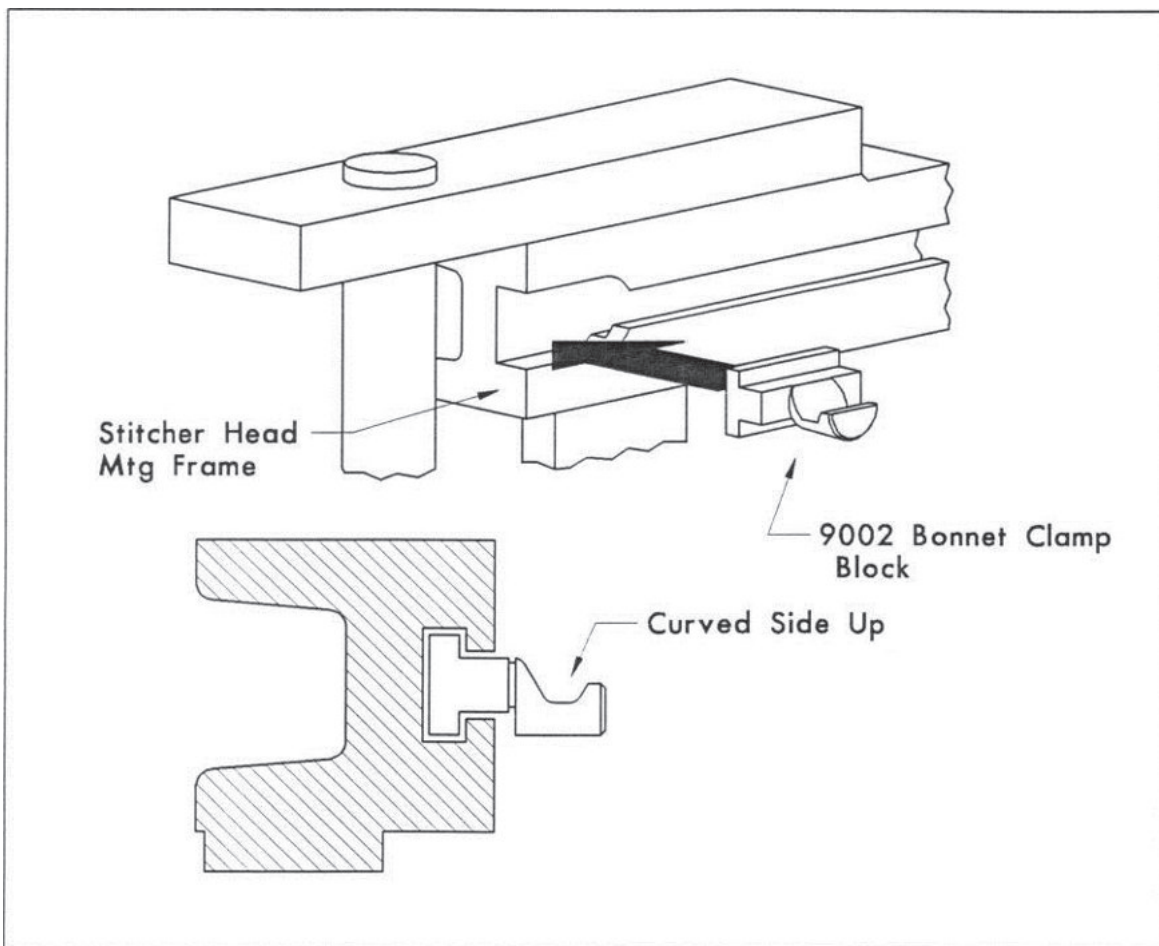
6. CHANGING THE CONFIGURATION OF YOUR "ADVANTAGE-1"

INSTALLING OR REMOVING A STITCHER HEAD

To Start, make sure the machine is in the **Home** position (See Page 5 - 4), and the main power is in the OFF position.

Remove the #A1215 Safety Shield. Install (1) #9002 Bonnet Clamp Block in the top **and** (1) in the bottom grooves of the Stitcher Head Mounting Frame. Insert the #9002 Block at the enlarged openings at either end. The curved surface of the #9002 Block **must** face upward. Slide the #9002 Block to the position where the head is to be mounted.

FOLLOW INSTALLATION PROCESS FROM ATTACHED G20 HEAD MANUALS.



6. CHANGING THE CONFIGURATION OF YOUR "ADVANTAGE-1"

INSTALLING CLINCHER POINTS AND SLIDE

Insert Clincher Points over the pivot stud as shown in Fig. 1.

CAUTION: CLINCHER POINTS MUST BE ASSEMBLED WITH THE CURVED SIDE DOWN. FAILURE TO DO SO CAN CAUSE SEVERE DAMAGE.

After the points are assembled to the Pivot Stud, they should be rotated until they stop against the Distance Stud.

Pick up Clincher Plate with points inserted and resting on Distance Stud and hold in a vertical position. Insert the #18182 Clincher Slide into groove. The horizontal slot **must** be facing downward as shown in Fig. 2. Insert slide all the way in.

NOTE: THIS ASSEMBLY MUST STAY INTACT WHILE IT IS ASSEMBLED TO THE MACHINE (SEE PAGE 6 - 4).

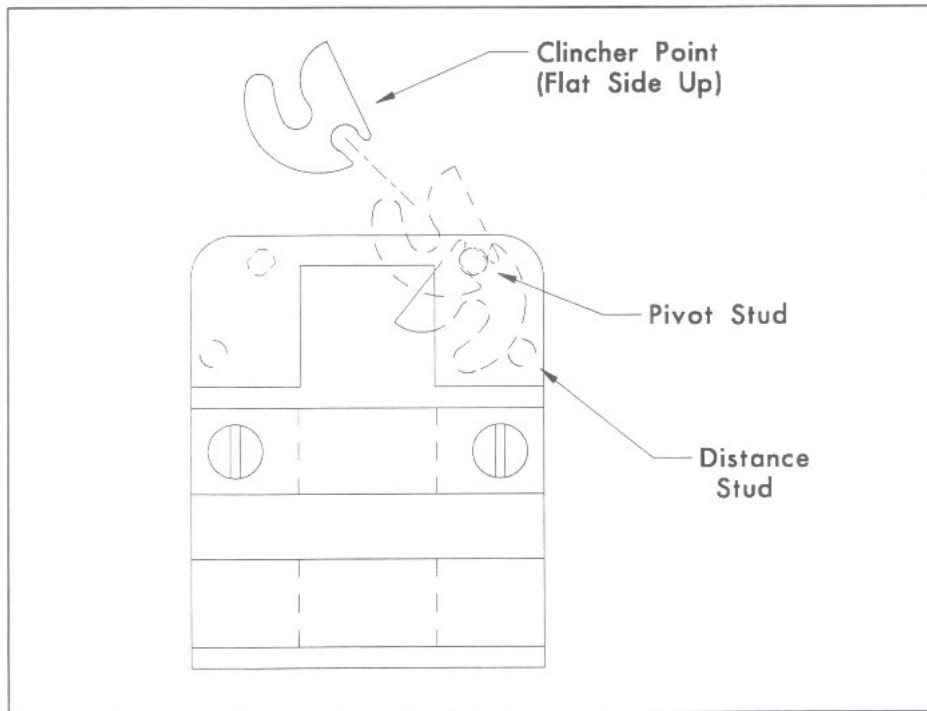


Figure 1

6. CHANGING THE CONFIGURATION OF YOUR "ADVANTAGE-1"

INSTALLING CLINCHER POINTS AND SLIDE

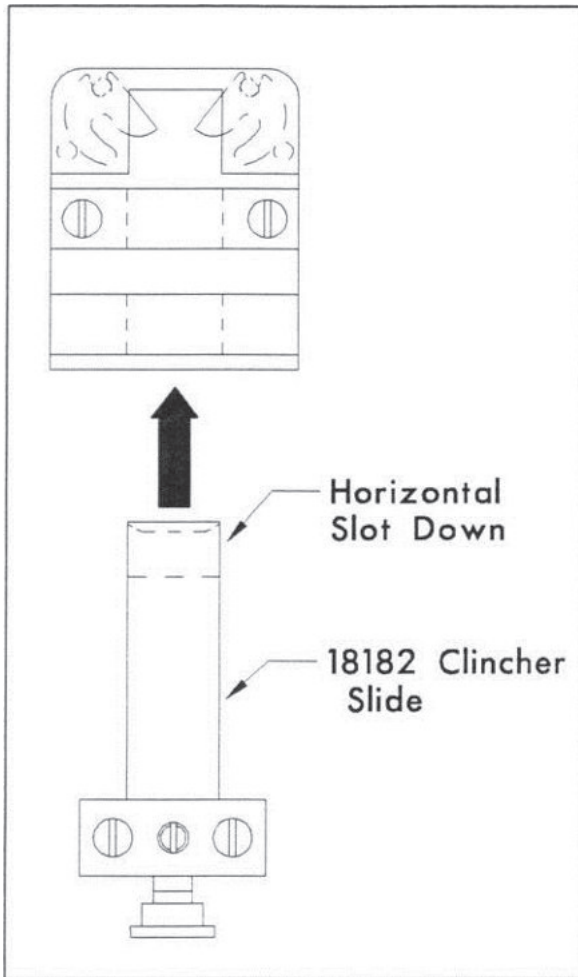


Figure 2

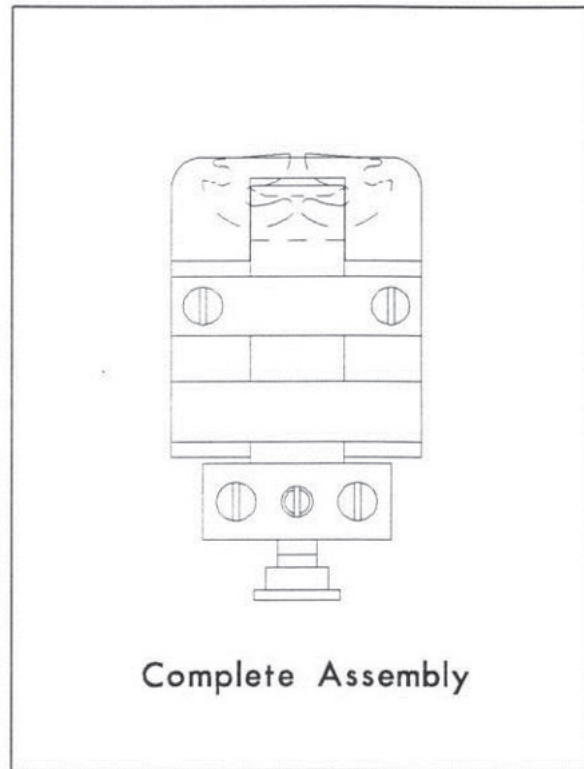


Figure 3

7. ELECTRICAL

CIRCUIT PROTECTION DEVICES

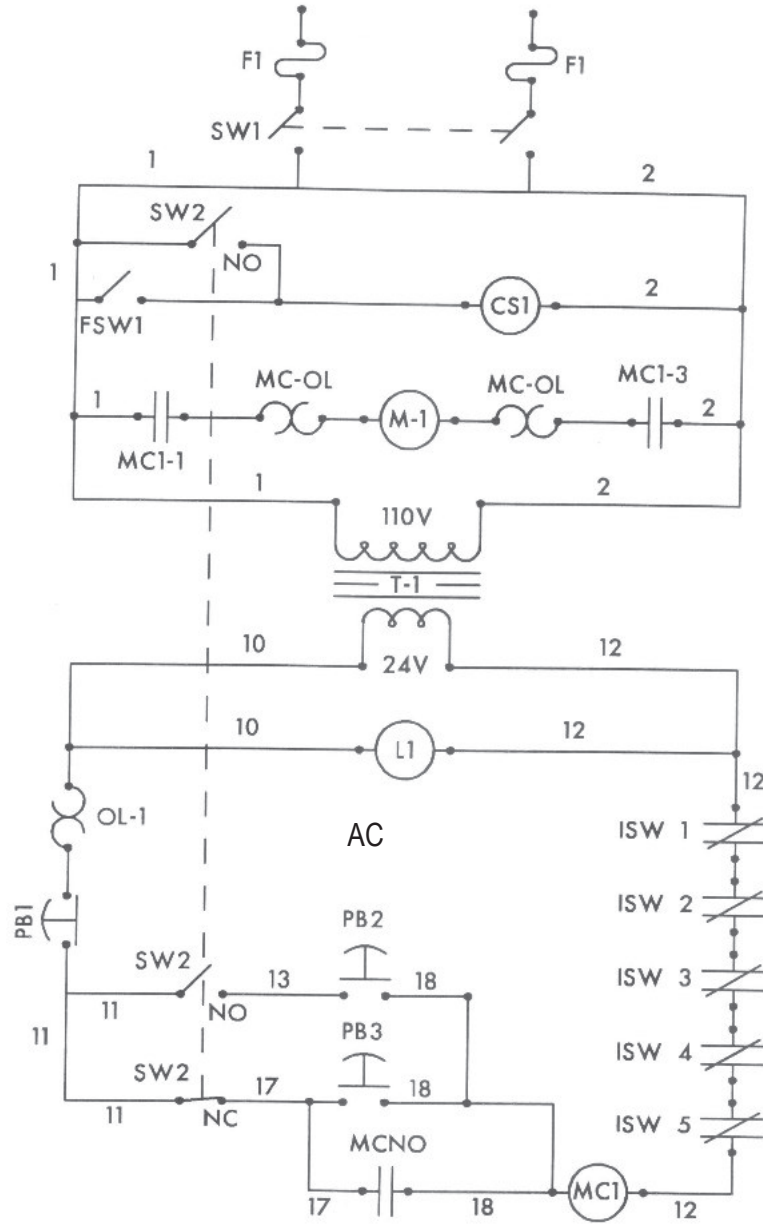
The "ADVANTAGE-1" is equipped with three electrical circuit protection devices.

CAUTION: BEFORE REPLACING OR RESETTING ANY OF THE DEVICES DESCRIBED BELOW, DETERMINE THE CAUSE OF THE ACTION AND REMEDY THE PROBLEM, IF ANY.

1. On each side of the incoming power line, there is a time delay fuse
These fuses are located on the #A1000 Bottom Plate at the left - rear corner of the machine. This area is found just inside the Rear Maintenance Access Door, *where* the power is connected. Replace blown fuses with a 9A Fuse.
(See Item #194, Page 7 - 6).
2. In the low voltage secondary circuit, there is a #A1244 Resettable Circuit Breaker. This Circuit Breaker is in series with the entire secondary circuit. It is located in the back center of the bottom plate. Should the Circuit Breaker trip, it may be reset by depressing the button on the front
(See Item #195, Page 7-6).
3. The Motor Circuit has a #A1241 Overload Relay in series with the motor coils. It provides a 10 Amp protection. No replacement is normally required. Merely turning the power off and on again will reset a tripped relay.

7. ELECTRICAL

WIRE SCHEMATIC (220 V, 1 HP, 50/60 HZ)



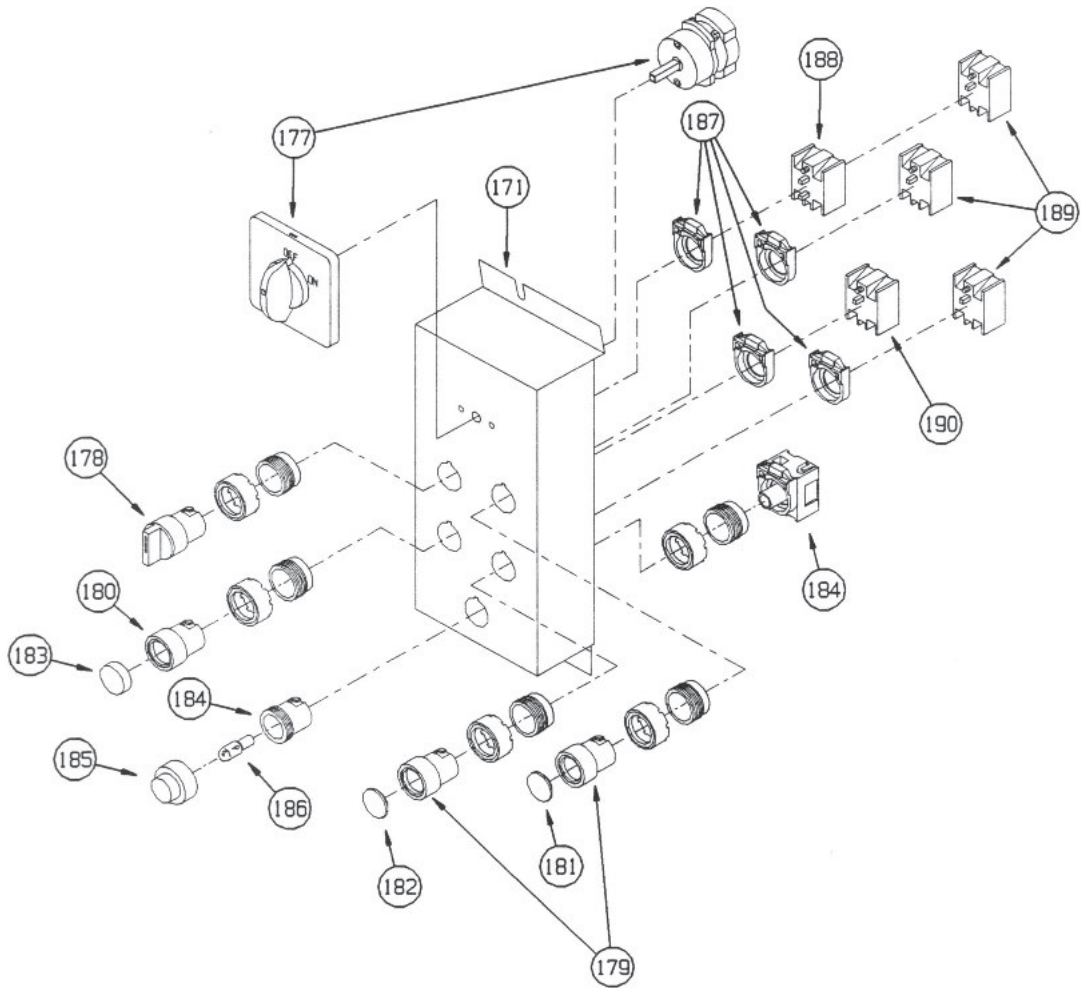
7. ELECTRICAL

WIRE SCHEMATIC PART LIST

SYMBOL	PART NO.	PART NAME	QTY.
F1	A1243B	Fuse - 9 Amp/220V	2
SW1	A1226	ON/OFF Switch	1
SW2	A1227	AUTO/JOG Switch	1
FSW1	A1248	Foot Switch	1
PB1	A1229	STOP Button	1
PB2 - PB3	A1228	JOG/START Button	2
ISW1 - ISW5	A1250	Interlock Switch	5
OL-1	A1244	Circuit Breaker	1
CS1	A1142B	Solenoid, 220V	1
M-1	86305	Motor 1/2 HP, 115V/230V	1
T-1	A1245	Transformer	1
L-1	A1235	Light Bulb	1
MC-1	A1240	Contactactor - I EC Mag	1
MC-OL	A1241	Overload Relay	1

7. ELECTRICAL

CONTROL BOX ASSEMBLY



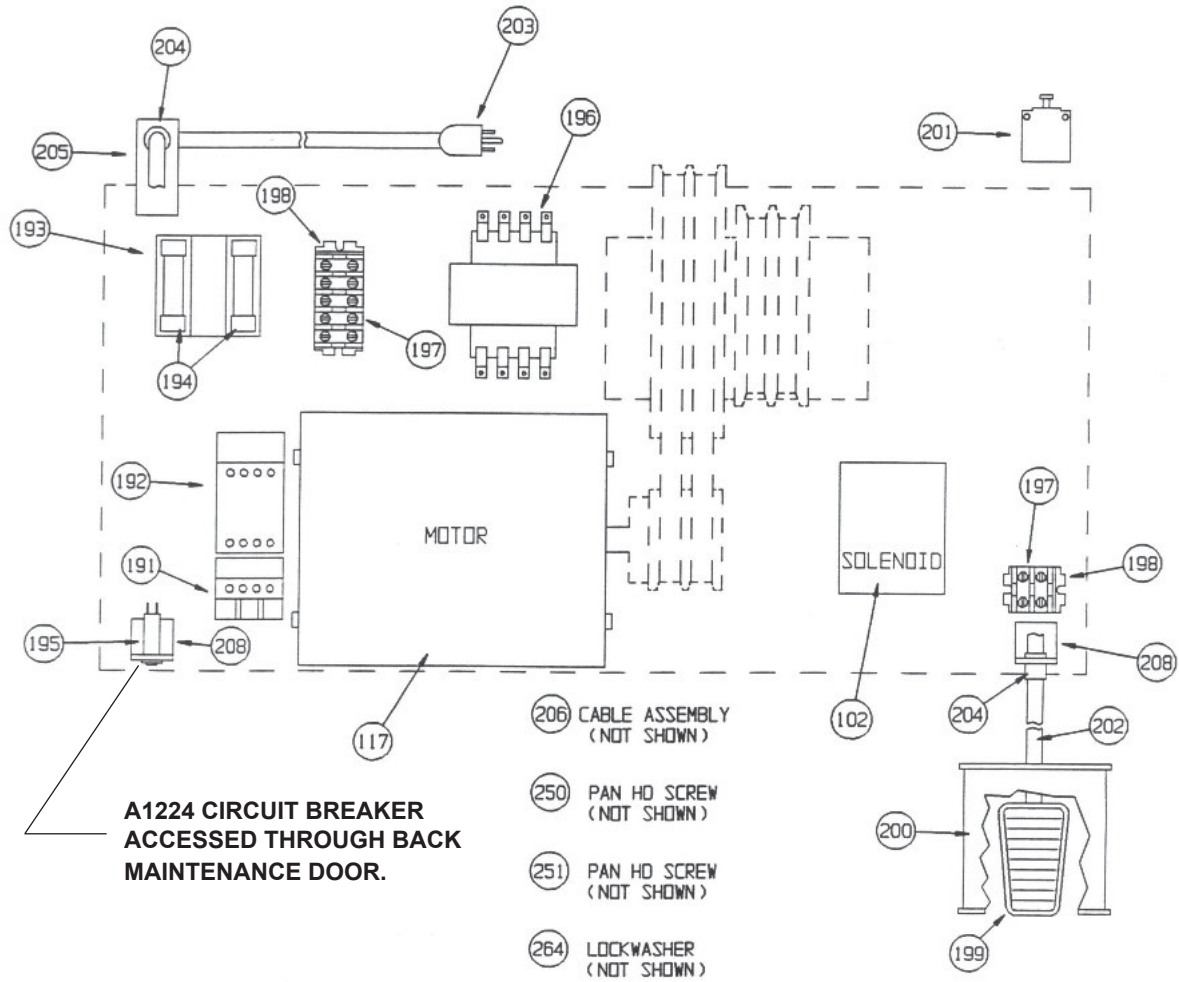
7. ELECTRICAL

CONTROL BOX ASSEMBLY PART LIST

INDEX NO.	PART NO.	PART NAME
171	A1220	Control Box
177	A1226	On/Off Switch
178	A1227	Auto/Jog Switch
179	A1228	Jog/Start Button
180	A1229	Stop Button
181	A1230	Black P/B Cap
182	A1231	Green P/B Cap
183	A1232	Red P/B Cap
184	A1233	Light Socket
185	A1234	Yellow Lens
186	A1235	Light Bulb
187	A1236	Mounting Flange
188	A1237	Contact Block - SPDT
189	A1238	Contact Block - NO
190	A1239	Contact Block - NC

10. MACHINE SUB ASSEMBLIES

MOTOR DRIVE ASSEMBLY



7. ELECTRICAL

MOTOR DRIVE ASSEMBLY PART LIST

INDEX NO.	PART NO.	PART NAME
102	A1142B	Solenoid
117	86305	Motor
191	A1240	Contactora - IEC Mag
192	A1241	Overload Relay
193	A1242	3 Pole Fuse Block
194	A1143B	Fuse - 9 Amp/220V
195	A1244	Circuit Breaker
196	A1245	Transformer
197	A1246	Foot Switch Cable
198	A1247	Terminal Block End
199	A1248	Foot Switch
200	A1249	Foot Switch Guard
201	A1250	Interlock Switch
202	A1251	Foot Switch Cable
203	P10410	Power Cable, 220V
204	A1253	Cord Relief Bushing
205	A1254	Power Cable Bracket
206	A1255A	Cable Assembly (Not Shown)
208	A1257	Cable Bracket

8. LUBRICATION

MACHINE LUBRICATION

A regular program of preventive maintenance will insure the continuous production of high quality stitching your "ADVANTAGE-1" was designed to give. Regular lubrication periods and inspection for wear of parts can prevent costly down time.

NOTE: FREQUENCY OF LUBRICATION IS BASED ON AN 8 HOUR WORK DAY.

Materials Required: SAE 20W way oil
 Non-melting, high-temp white grease

Tools Required: Hand pump oiler
 Grease gun with additional nozzle for button type grease fitting

For **all** machine lubrication:

- Turn ON the main power switch.
- Turn the AUTO/JOG switch to JOG.
- Press the JOG button to step through cycle and bring heads to their lowest position.
- Turn OFF the main power switch.

CAUTION: DURING MACHINE LUBRICATION DO NOT OVERRIDE THE #A1250 INTERLOCK SWITCHES.

- Access locations and lubricate as shown on the following diagrams.
- When lubrication is complete, close the Doors & Panels, and attach the #A1215 Safety Shield if it has been removed.
- Turn ON the main power switch.
- Turn the AUTO/JOG switch to AUTO.
- Press the START button. The machine will cycle to the **Home** position.

8. LUBRICATION

MACHINE LUBRICATION FREQUENCY

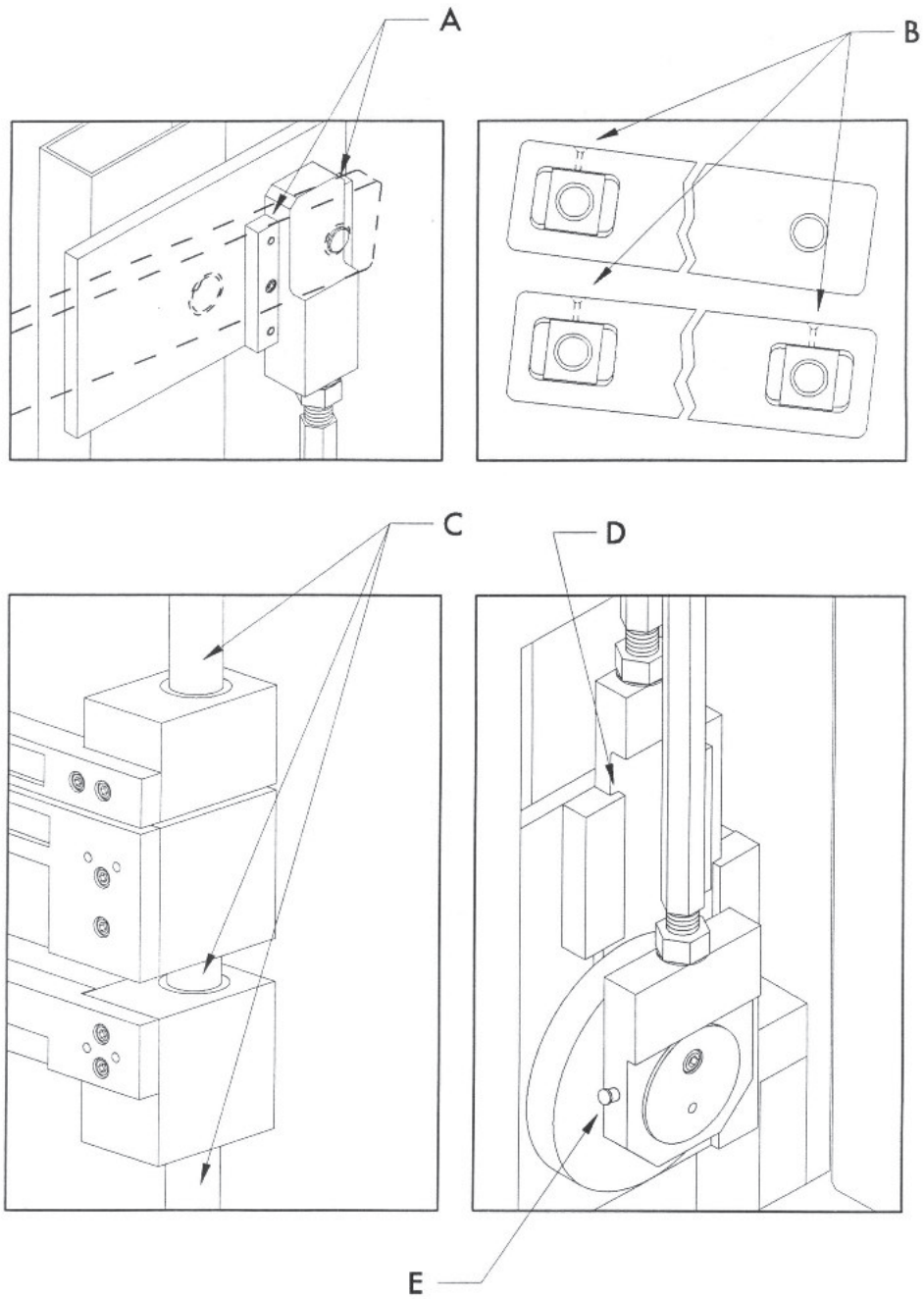
- Remove the #A1215 Safety Shield and open the L & R Upper Side Panels to access locations A, B and C.
- Open the Lower Side Maintenance Access Door to access locations D and E.

FREQUENCY	LOCATION	LUBRICATION DESCRIPTION
EVERY WEEK	A	OIL BENDER LINK PLATES
.. ..	B	FILL OIL WELLS
.. ..	C	LIGHTLY OIL GUIDE RODS
.. ..	D	OIL BENDER FOLLOWER BARS
.. ..	E	FILL CUPS WITH OIL

NOTES:

8. LUBRICATION

MACHINE LUBRICATION POINTS



8. LUBRICATION

MACHINE LUBRICATION FREQUENCY

Open the Rear Maintenance Access Door to access locations F, G, H, I, and J.

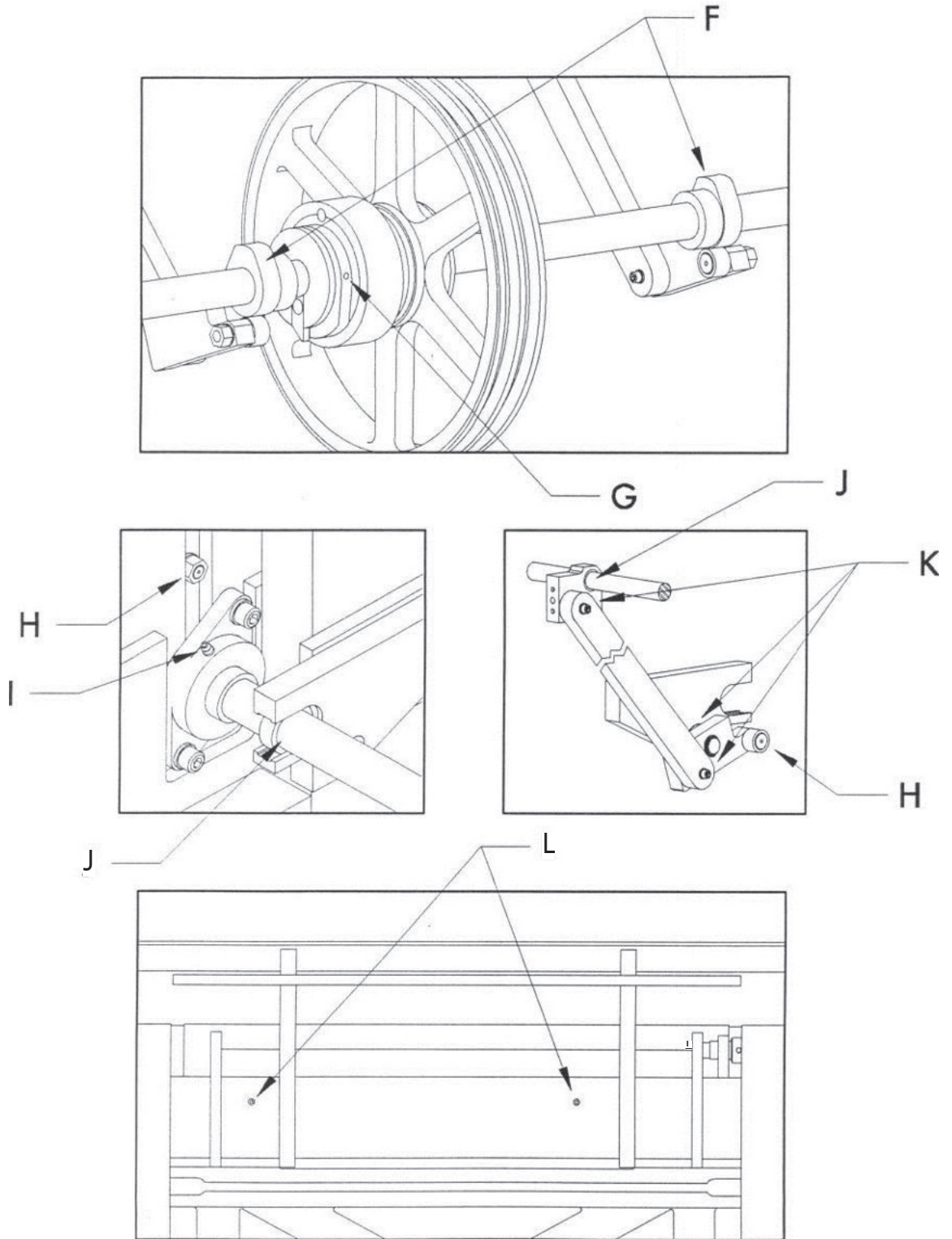
Open the Front Maintenance Access Door to access locations J and K. Remove the #A1215 Safety Shield to access location L.

FREQUENCY	LOCATION	LUBRICATION DESCRIPTION
EVERY 2 MONTHS	F	GREASE SURFACES OF CLINCHER CAMS
	G	FILL OIL WELL ON CLUTCH
	H	FILL BUTTON TYPE GREASE FITTINGS
	I	FILL GREASE FITTINGS
	J	OIL SHAFT AT BEARING
	K	OIL LINKAGE POINTS
EVERY 6 MONTHS	L	FILL GREASE FITTINGS

NOTES:

8. LUBRICATION

MACHINE LUBRICATION POINTS



9. TROUBLE SHOOTING

SYMPTOMS

MACHINE DOESN'T START:

Check power input.

Check main line fuses (See Electrical Sec. 7).

POWER ON - MACHINE WON'T CYCLE:

Check the Interlock Switches (See Pages 4 - 2 and 5 - 1).

Turn OFF main power and check for mechanical jams caused by foreign objects, tools, etc.

Check to see if power is being supplied to switches, solenoid, etc. (See Electrical Sec. 7).

Check Clutch Operation (See Pages 9 - 7 and 9 - 8).

Check for loose or broken V - Belts (See Pages 9 - 2).

Check the Motor. See Mfg. Data Sheet supplied with this manual.

MACHINE RUNS BUT EXHIBITS EXCESSIVE NOISE OR VIBRATION:

Check Leveling Foot to insure full contact with floor (See Page 3 - 4).

Check V - Belts for wear or loss of tension.

Check the Clutch and Friction Button for wear (See Pages 9 - 7 and 9 - 8).

Inspect the Slide Blocks for wear (See Page 9 - 9).

Inspect entire Main Drive Train for any components that may have worked loose or out of adjustment.

Check to see if lubrication recommendations have been adhered to (See Lubrication Sec. 8).

MACHINE OPERATES IN NORMAL MANNER, BUT STITCHING IS NOT ACCEPTABLE:

Consult Head Manual.

9. TROUBLE SHOOTING

REPLACEMENT OF ROCKER ARM SLIDE BLOCKS

When it becomes necessary through normal wear to replace any of the Rocker Arm Slide Blocks it is a simple and quick operation.

Remove the #AF240 Retaining Ring from the Post.

Pull the #A1087 Slide Block out.

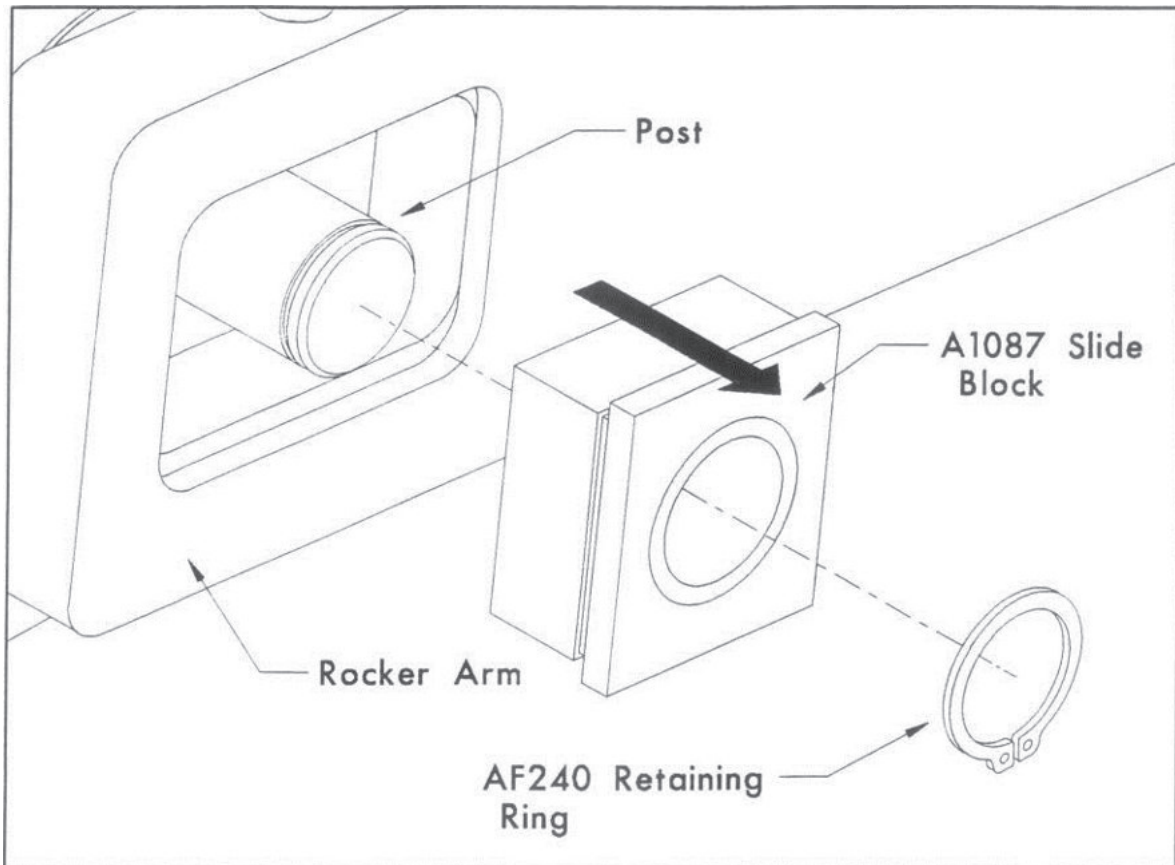
Clean the Post & rectangular hole on the Rocker Arm.

Oil the Post and bearing surface of the rectangular hole.

Apply a few drop of oil to the outside & I.D. of the Slide Block.

Assemble the new Slide Block to the Post and replace the Retaining Ring.

Fill the oil well on the Rocker Arm. (See Pages 8 - 2 and 8 - 3).



9. TROUBLE SHOOTING

ADJUSTING THE CLUTCH SOLENOID

The Clutch Solenoid Assy has been preset for maximum performance. If any parts are replaced or if Clutch engagement problems are encountered during operation, adjust the Clutch Solenoid Assy as follows.

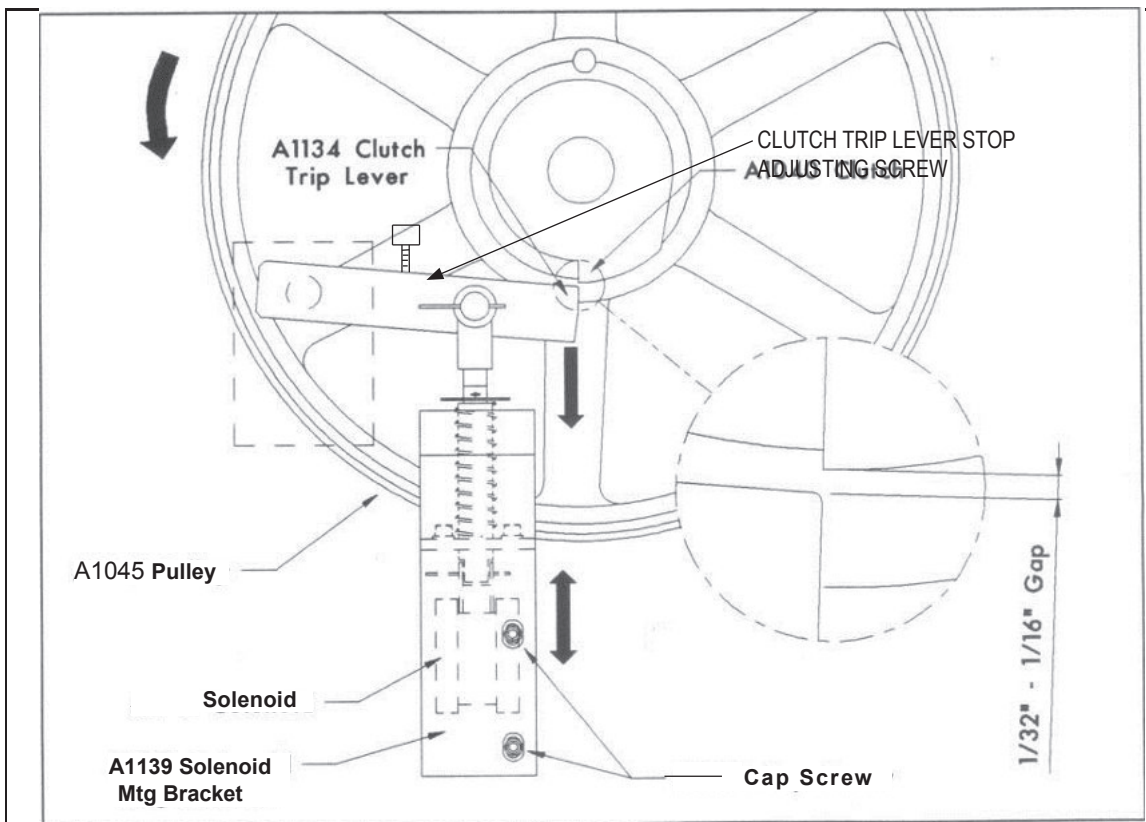
Turn OFF main power switch.

With the #A1134 Clutch Trip Lever in the resting position there should be a gap as illustrated below.

If not, adjust the clutch trip lever stop adjusting screw #A.

Press down and hold the #A1134 Clutch Trip Lever. Turn the #A1045 Pulley, rotating the main shaft until the stop on #A1040 Clutch rests above the end of the #A1134 Clutch Trip Lever. There should be a gap of approx. 1/32" - 1/16" as illustrated below.

If the gap is out of this range, loosen the (2) #AF104 Cap Screws holding the #A1140 Solenoid Mtg Plate to the #A1139 Solenoid Mtg Bracket. Move the Solenoid Assembly up or down to get the desired 1/32" - 1/16" spacing and tighten the (2) #AF104 Cap Screws. Make sure all of the other screws in the assembly are tight.

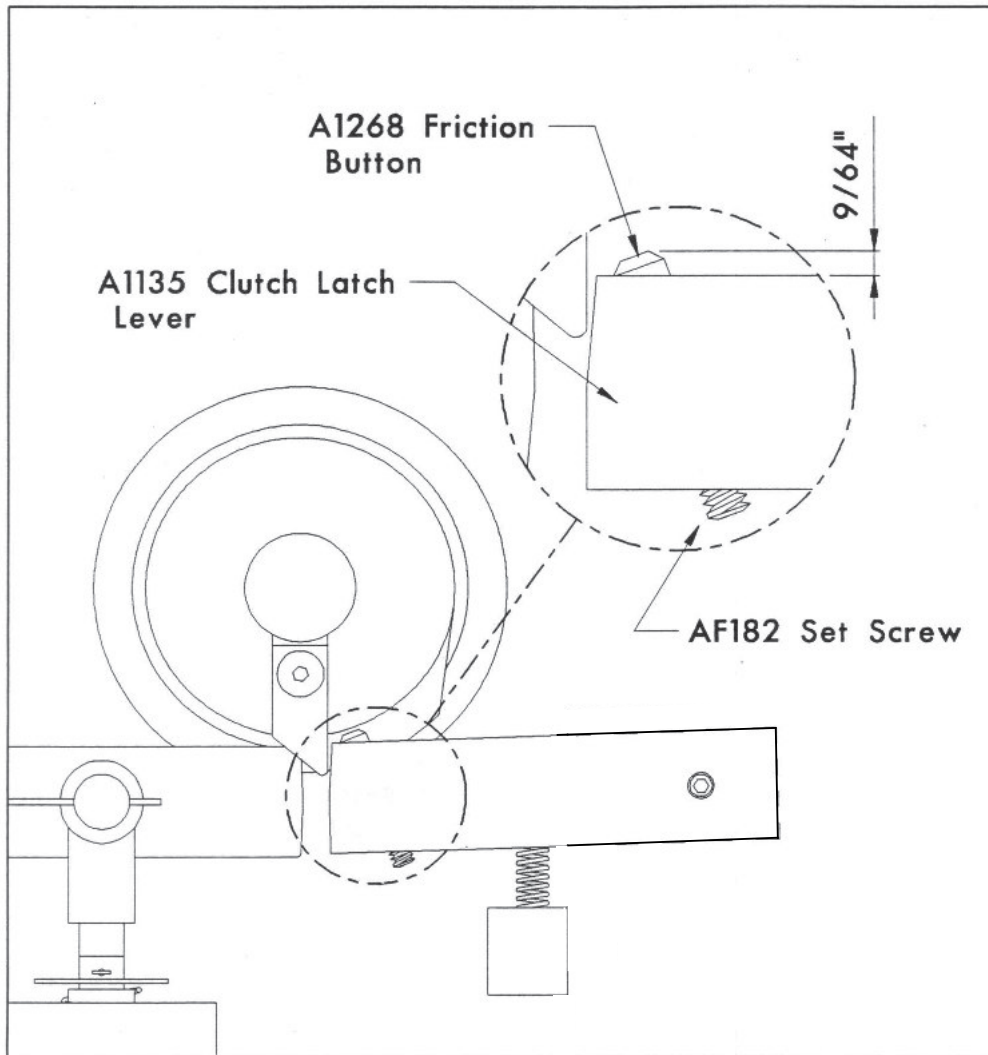


9. TROUBLE SHOOTING

CLUTCH FRICTION BUTTON ADJUSTMENT

The Friction Button design has been provided to enhance the clutch operation and to minimize any chatter during operation.

As illustrated below, the highest point of the #A1268 Friction Button should be $9/64$ " above the top face of the #A1135 Clutch Latch Lever. As wear occurs due to frequent operation, the Button may have to be adjusted. Turn the #AF182 Set Screw, located on the under side of the Clutch Latch Lever, to raise the height of the Button.



9. TROUBLESHOOTING

CHANGING THE V-BELTS

For best machine performance, it is recommended that **all** V-Belts are changed at the same time to prevent uneven wear and unnecessary future replacement.

A. DRIVE SECTION

- ☒ CHANGING THE V - BELTS **MUST** BE DONE FROM THE LEFT SIDE OF THE MACHINE ONLY.

Turn ON the main power switch.

Turn the AUTO/JOG switch to JOG.

Press the JOG button to step the machine through its cycle and to its lowest position. The easiest method of determining the lowest position is to cycle the machine until the #A1020 Driver Rail and the #A1021 Bender Rail are in the lowest possible position just prior the raising back up (See Page 6 - 10). A second method of determining the lowest position is to use the position of the Bender Bar as a gauge (See Page 6 - 4).

Turn OFF the main power switch and **unplug** the power input.

FIG. 1

- ☒ Open and remove the Left Lower Side Door and Front and Rear Panels.
- ☒ Remove the (2) #AF150 Screws to disconnect the #A1250 Interlock Switch and move it out of the way.

FIG. 2

Remove the #AF109 Cap Screw and pull out the #A1030 Eccentric Cam.

Swing the Driver Link Asy towards the front of the machine so it will clear the #A1033 Left Main Cam.

- ☒ Pull the #A1033 Cam from the end of the #A1029 Main Shaft.

FIG. 3

Remove the (2) #AF111 Cap Screws and the #A1035 Spacers that mount the #A1034 Flange Bearing to the frame. Loosen the (2) Set Screws found on the Flange Bearing.

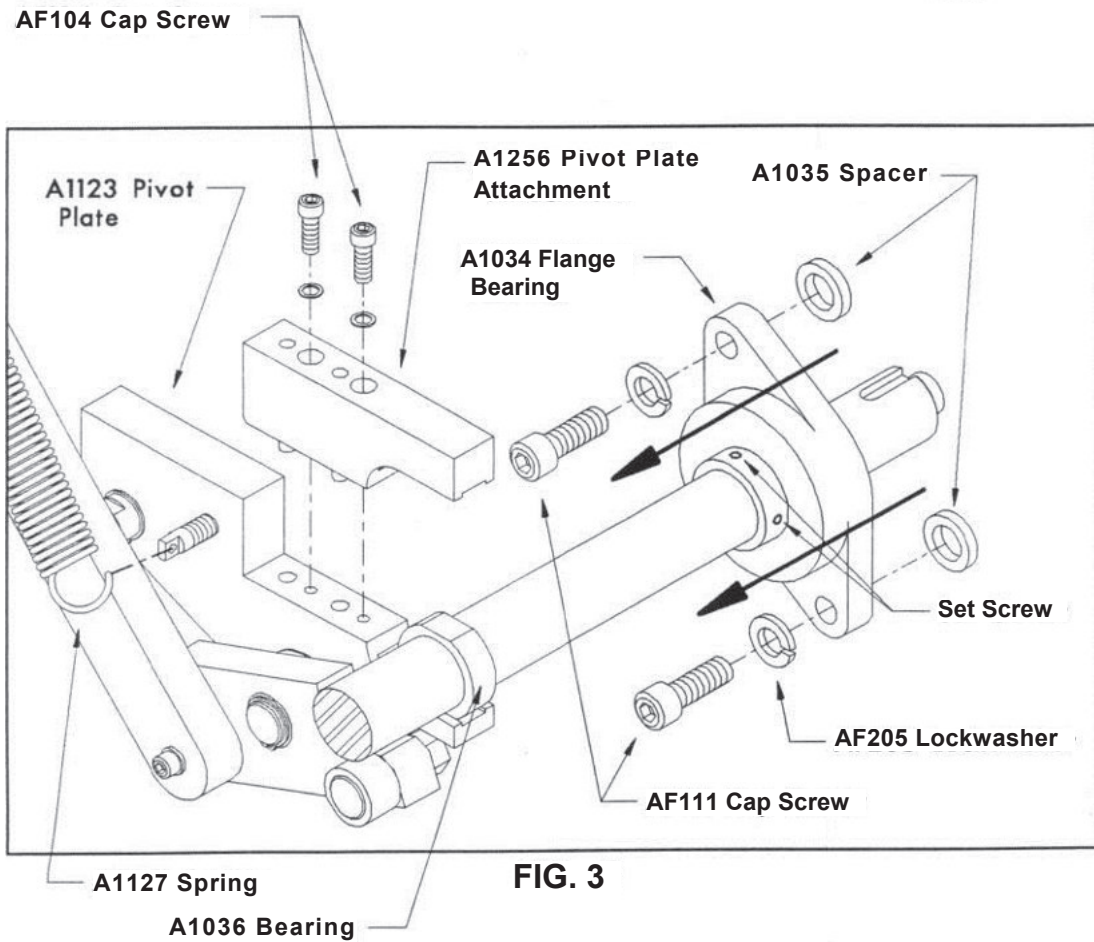
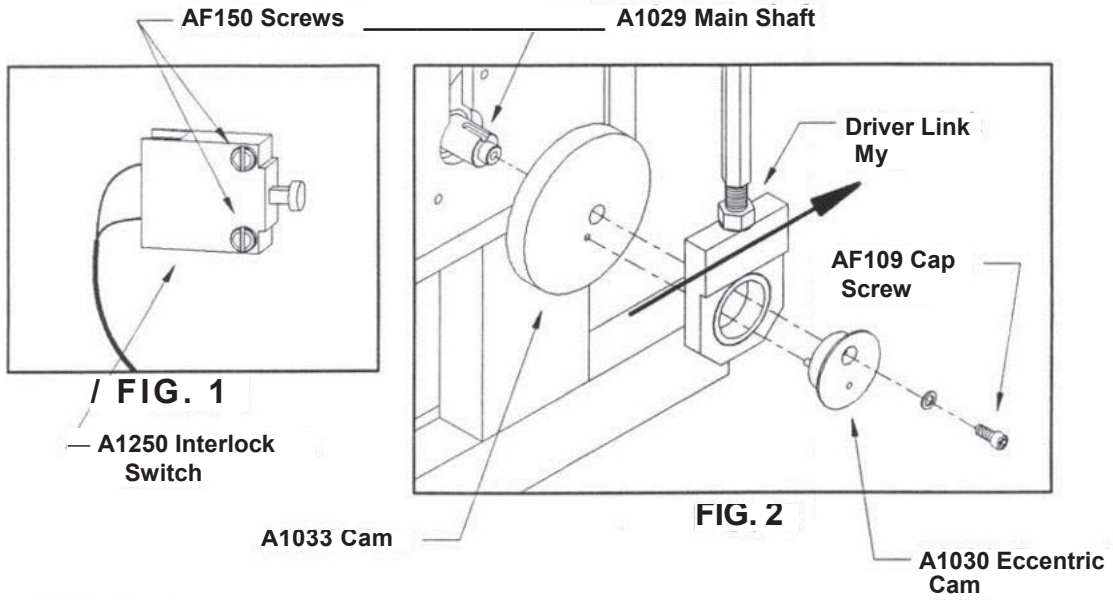
Slide the Flange Bearing towards the center of the Shaft.

Carefully unhook the #A1127 Clincher Bail Spring.

Remove the (2) #AF104 Cap Screws from the #A1123 Left Pivot Plate and remove the #A1256 Pivot Plate Attachment. The Pivot Plate will swing down away from the Shaft when the Pivot Plate Attachment is removed. The #A1036 Bearing will remain on the Shaft.

9. TROUBLESHOOTING

CHANGING THE V-BELTS

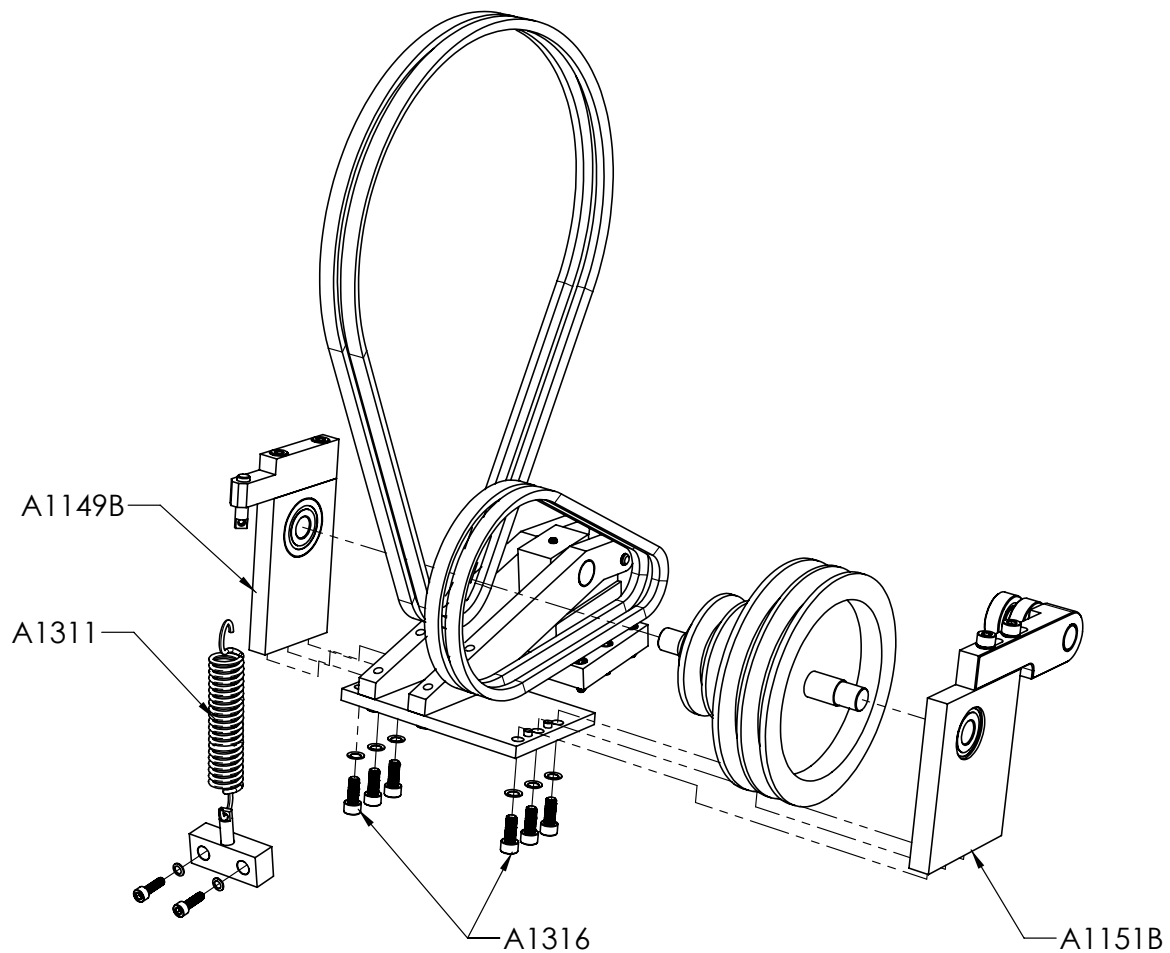


CHANGING THE V-BELTS

THE FOLLOWING ADJUSTMENTS ARE MADE FROM THE REAR OF THE MACHINE.

B. IDLER SECTION

- REMOVE THE A1316 FROM A1300-PIVOT BLOCK BASE
- LIFT UP 2 MOUNTING PLATES A1149B AND A1151B TOGETHER
- SEPARATE PLATES FROM A1153B-IDLER SHAFT



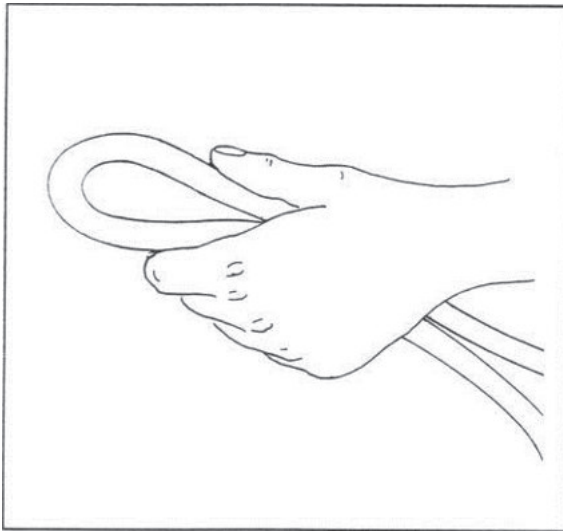
9. TROUBLESHOOTING

CHANGING THE V-BELTS

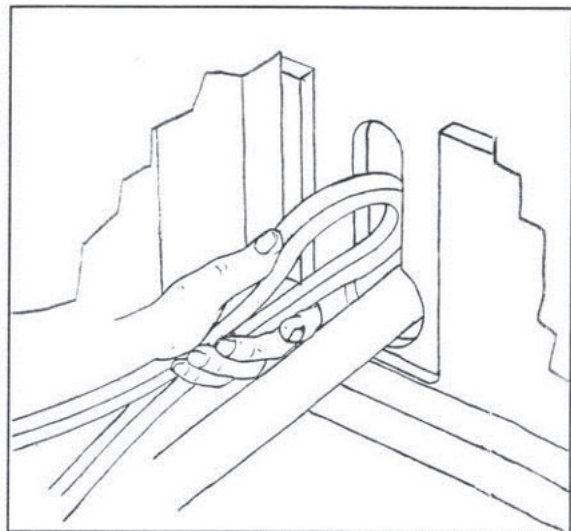
C. BELT INSTALLATION

First, install the (2) #A1046 Long V - Belts that run from the Idler Asy to the Main Shaft by squeezing the V-Belt into a tight loop and inserting it through the slot on the #A1053 Left Shaft Mtg Plate and over the end of the Shaft (See Steps 1 - 4 Below).

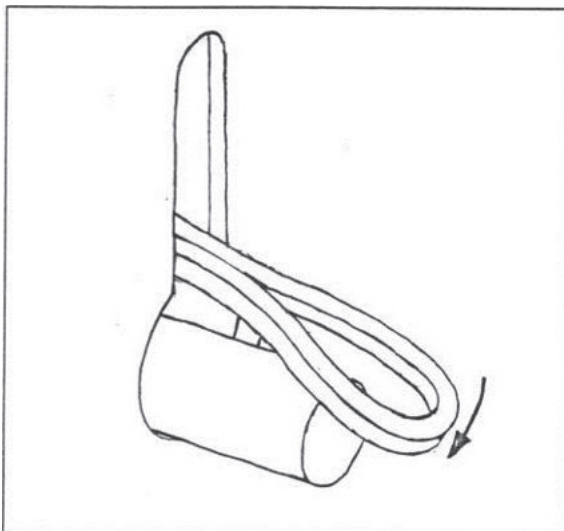
Then install the (2) #A1157 Short V - Belts that run from the Motor to the Idler Asy.



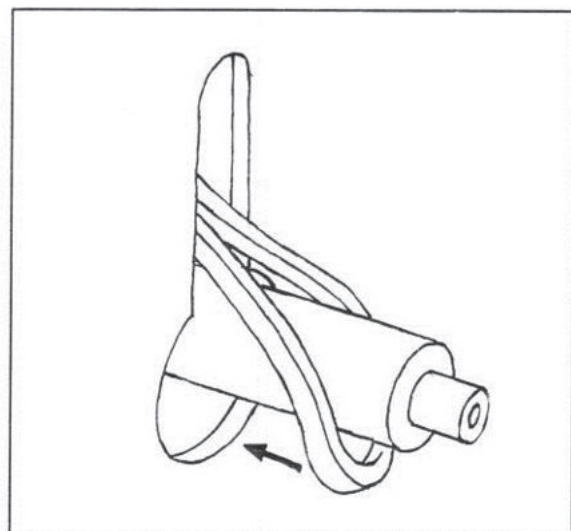
Step 1



Step 2



Step 3



Step 4

9. TROUBLESHOOTING

CHANGING THE V-BELTS

D. REASSEMBLY

After the V-Belts have been replaced, assemble 2 mounting plates A1149B and A1151B together with A1153B idler shaft .

Tighten them with 6 screws A1316 using light blue threadlocker.

Apply A1311 Pulley Tension Spring.

Readjust motor belt tension if necessary-sliding A1304 Motor belt tensioner arm.

Rotate up and hold the #A1123 Pivot Plate and align the flat surface of the #A1036 Bearing into the groove of the Pivot Plate (Page 9-3, Fig. 3).

Carefully rehook the #A1127 Clincher Bail Spring.

Replace the #A1256 Pivot Plate Attachment.

Place the #A1033 Cam and its #AF302 Key back on the Shaft (Page 9-3, Fig. 2).

Swing the Driver Link Asy back into place and insert the #A1030 Eccentric Cam.

When replacing the #AF109 Cap Screw for the Ecc. Cam, a "Loctite" type bonding adhesive **must** be used on the thread.

Attach the #A1250 Interlock Switch and close the Doors and Panels (Page 9-3, Fig. 1). Plug in the machine, turn the AUTO/JOG switch to AUTO and turn ON the main power switch.

Press the START button to cycle the machine to the **Home** position and resume normal operation.

PARTS LIST

<u>INDEX NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>INDEX NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	A1000	Bottom Plate	41	A1053	Shaft Mtg Plate - Left
2	A1001	Frame - Right	42	A1055	Tie Plate
3	A1002	Frame - Left	43	A1056	Connector Plate
4	A1003	Tie Rod	44	A1058	Rocker Arm Post
5	A1004	Foot Pad	45	A1059	Bender Link Guide
6	A1005	Adj Leg	46	A1061	Lower Plate Guide
7	A1006	Adj Foot Mtg Block	47	A1063	Upper Plate Guide
8	A1007	Thread Guard	48	A1065	Bender Link Guide Bar
9	A1008	Clincher Rail	49	A1067	Bender Link Plate
10	A1009	Clincher Support Bar	50	A1069	Bender Link
11	A1011	Head Mtg Frame	51	A1070	Bender Follower Bar
12	A1012	Head Mtg Frame Plate	52	A1071	Cam Follower Bearing
13	A1014	Guide Rod Plate	53	A1072	Driver Link Plate
14	A1016	Guide Rod	54	A1074	Driver Link
15	A1017	Face Plate Rail	55	A1075	Driver Cam Plate
16	A1018	Rail Support	56	A1076	Driver Sleeve Bearing
17	A1020	Driver Rail	57	A1077	Oil Cup
18	A1021	Bender Rail	58	A1079	Bender Rocker Arm - Right
19	A1023	Bearing Block - 2"	59	A1081	Bender Rocker Arm - Left
20	A1024	Sleeve Bearing - 2"	60	A1083	Driver Rocker Arm - Right
21	A1026	Bearing Block - 3"	61	A1085	Driver Rocker Arm - Left
22	A1027	Sleeve Bearing - 3"	62	A1087	Slide Block
23	A1029	Main Shaft			
24	A1030	Eccentric Cam	64	A1090	Cup Bearing
25	A1032B	Main Cam - Right	65	A1091	Guide Plate - Right
26	A1033B	Main Cam - Left	66	A1093	Guide Plate - Left
27	A1034	Flange Bearing	67	A1095	Cam Plate
28	A1035	Flange Bearing Spacer	68	A1097	Cam Slide
29	A1036	Adj Plate Sleeve Bearing	69	A1099	Cam Block
30	A1037	Clincher Cam	70	A1100	Guide Plate Tie Bar
31	A1038	Collar	71	A1102	Slide Connector Bar
32	A1039	Clutch Race	72	A1103	Screw Block
33	A1040	Clutch	73	A1105	Slide Stiffener Plate
34	A1042	Pulley Mtg Bushing	74	A1106	Crank Handle
35	A1043	Pulley Bearing	75	A1107	Adj Screw
36	A1045	Pulley - 12"	76	A1108	Lock Screw
37	A1046	V-Belt	77	A1109	Screw Collar
38	A1047	Adj Plate - Right	78	A1110	Lock Plate
39	A1049	Adj Plate - Left	79	A1111	Pivot Block
40	A1051	Shaft Mtg Plate - Right	80	A1112	Clincher Rail

PARTS LIST

<u>INDEX NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>INDEX NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
81	A1114	Clincher Shaft	122	A1167	Saddle Mtg Bushing
82	A1115	Clincher Bail Lever	123	A1168	Saddle Pull Pin
83	A1116	Clincher Link	124	A1169	Saddle Mtg Plate - Left
84	A1118	Clincher Follower Lever	125	A1171	Adj Table Bracket - Left
85	A1121	Adj Pivot Plate - Right	126	A1172	Adj Saddle Plate
86	A1123	Adj Pivot Plate - Left	127	A1173	Stationary Saddle Plate
87	A1125	Adj Plate Post	128	A1174	Saddle Plate Spacer Bar
88	A1126	Clincher Follower Bearing	129	A1175	Adj Flat Table
89	A1127	Clincher Bail Spring	130	A1176	Rear Slant Tray
90	A1128B	Clutch Mtg Bar	131	A1177	Rear Tray Support Bar
91	A1129	Clutch Spacer	132	A1180	Flat Table Guide Bar
92	A1130B	Clutch Trip Mtg Plate	133	A1181	Table Guide - Right
94	A1134	Clutch Trip Lever	134	A1182	Table Guide - Left
95	A1135	Clutch Latch Lever	135	A1183	Flat Table Pull Pin
96	A1136	Clutch Shaft Collar	136	A1184	Flat Paper Stop
97	A1137	Clutch Latch Spring	137	A1185	Side Paper Guide
100	A1140	Solenoid Mtg Plate	138	A1186	Paper Back Stop
101	A1141B	Spring Retainer Plate	139	A1187	Paper Adj Contact
102	A1142B	Solenoid	140	A1188	Paper Adj Arm
103	A1143	Solenoid Plunger	141	A1189	Paper Adj Mtg Block
104	A1144	Solenoid Spring	142	A1191	Spool Rack Bar - 4
105	A1145	Clutch Trip Yoke	143	A1192	W/G Spring Mtg Bar
106	A1146B	Clevis Pin	144	A1193	Spool Rack Arm - Right
107	A1147	Solenoid Washer	145	A1194	Spool Rack Arm - Left
108	A1148B	Idler Base Plate	146	A1195	Spool Spindle
109	A1149B	Idler Mtg Plate - Right	147	A1196	Spool Spindle Collar
110	A1151B	Idler Mtg Plate - Left	149	A1198	Spool Spring
111	A1153B	Idler Shaft	150	A1199	Wire Guide Bracket
112	A1155B	Pulley - 2.8"	151	A1200	Top Cover Assembly
113	A1156	Pulley - 6"	152	A1201	Upper Side Panel - Right
114	A1157	V-Belt	153	A1202	Upper Side Panel - Left
116	A1160	Idler Tension Spring	154	A1203	Front Lower Main Panel
117	86305	Motor	155	A1204	Front Lower Door Panel
118	A1162	Motor Pulley	156	A1205	Rear Lower Main Panel
119	A1163	Saddle Mtg Plate - Right	157	A1206	Rear Lower Door Panel
120	A1165	Saddle Leg	158	A1207	Lower Side Panel - Right
121	A1166	Adj Table Bracket - Right	159	A1208	Lower Side Panel - Left
			160	A1209	Lower Door Panel - Right
			161	A1210	Lower Door Panel - Left
			162	A1211	Trough Cover
			163	A1212	Tray Shield - Right

PARTS LIST

<u>INDEX NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>INDEX NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
164	A1213	Tray Shield - Left	204	A1253	Cord Relief Bushing
165	A1214	Cover Support Bracket	205	A1254	Power Cable Bracket
166	A1215	Safety Shield	206	A1255A	Cable Assembly
167	A1216	Pocket Pull		* A1258	Cable Tie
168	A1217	Turn Latch		* A1259	Cable Tie Block
169	A1218	Cabinet Hinge - Right		* A1278	Black Wire
170	A1219	Cabinet Hinge - Left		* A1279	Red Wire
171	A1220	Control Box		* A1280	White Wire
172	A1221	Housing Frame - Right		* A1281	Female Terminal
173	A1222	Housing Frame - left		* A1282	Terminal - #8
174	A1223	Housing Frame Brace		* A1285	Female Disconnect
175	A1224	Shipping Rod		* A1286	Terminal - #8
176	A1225	Shipping Eye Bolt	207	A1256	Pivot Plate Attachment
177	A1226	ON/OFF Switch	208	A1257	Cable Bracket
178	A1227	AUTO/JOG Switch	209	A1266	Post - Short
179	A1228	Jog/Start Button	210	A1267	Post - Long
180	A1229	Stop Button	211	A1268	Friction Button
181	A1230	Black P/B Cap	212	A1269	Cable Clip
182	A1231	Green P/B Cap	213	A1271	Rail Gauge
183	A1232	Red P/B Cap	214	A1272	Wire Guide Wheel - 8
184	A1233	Light Socket	215	A1273	Spool Rack Bar - 8
185	A1234	Yellow Lens	216	A1283	Adj Screw Bearing
186	A1235	Light Bulb	217	A1284	Adj Screw Washer
187	A1236	Mounting Flange	218	A1293	Electrical Cover
188	A1237	Contact Block - SPDT	219	A1296	Door Fastener Bracket - Left
189	A1238	Contact Block - NO	220	A1297	Door Fastener Bracket - Right
190	A1239	Contact Block - NC	229	AF100	Cap Screw
191	A1240	Contact - IEC Mag	230	AF101	Cap Screw
192	A1241	Overload Relay	231	AF102	Cap Screw
193	A1242	3 Pole Fuse Block	232	AF103	Cap Screw
194	A1243B	Fuse - 9 Amp ,220V	233	AF104	Cap Screw
195	A1244	Circuit Breaker	234	AF105	Cap Screw
196	A1245	Transformer	235	AF106	Cap Screw
197	A1246	Terminal Block Segment	236	AF107	Cap Screw
198	A1247	Terminal Block End	237	AF108	Cap Screw
199	A1248	Foot Switch	237	AF108	Cap Screw
200	A1249	Foot Switch Guard	238	AF109	Cap Screw
201	A1250	Interlock Switch	239	AF110	Cap Screw
202	A1251	Foot Switch Cable	240	AF111	Cap Screw
			241	AF112	Cap Screw

* Included in A1255A Assembly

PARTS LIST

<u>INDEX NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>INDEX NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
242	AF113	Cap Screw	284	AF232	Nut
243	AF114	Cap Screw	285	AF233	Nut
244	AF130	Flat Hd Screw	286	AF234	LH Nut
245	AF131	Flat Hd Screw	287	AF240	Retaining Ring
247	AF133	Flat Hd Screw	288	AF241	Retaining Ring
248	AF140	Hex Hd Cap Screw	289	AF250	Dowel Pin
249	AF141	Hex Hd Cap Screw	290	AF251	Dowel Pin
250	AF150	Pan Hd Screw	291	AF252	Dowel Pin
251	AF151	Pan Hd Screw	292	AF253	Dowel Pin
252	AF152	Pan Hd Screw	294	AF255	Dowel Pin
253	AF153	Pan Hd Screw	295	AF256	Dowel Pin
254	AF160	Shoulder Screw	296	AF257	Dowel Pin
255	AF161	Shoulder Screw	297	AF258	Dowel Pin
256	AF170	Thumb Screw	298	AF259	Dowel Pin
257	AF171	Fillister Hd Screw	299	AF270	Roll Pin
258	AF172	Thumb Screw	301	AF275	Tapered Pin
259	AF180	Set Screw	302	AF276	Tapered Pin
260	AF181	Set Screw	303	AF280	Cotter Pin
261	AF182	Set Screw	304	AF281	Cotter Pin
262	AF183	Set Screw	305	AF290	Spring Anchor
263	AF190	Self Tapping Screw	306	AF291	Spring Anchor
264	AF200	Lock Washer	307	AF295	Grease Fitting
265	AF201	Lock Washer	308	AF300	Key
266	AF202	Lock Washer	309	AF301	Key
267	AF203	Lock Washer	310	AF302	Key
268	AF204	Lock Washer	311	AF303	Key
269	AF205	Lock Washer	312	AF304	Key
270	AF206	Lock Washer	313	AF310	U-Type Fastener
271	AF207	Lock Washer	320	17291A	Wire Straightener Plate
272	AF208	Lock Washer	321	18150A	Wire Guide Spring
273	AF209	Lock Washer	322	2245	Spool Washer
274	AF218	Curved Spring Washer	323	7155	Spool Stud
275	AF220	Flat Washer	324	A1178	Side Paper Guide - RH
276	AF221	Flat Washer	325	A1190	Back Stop Tie Block
277	AF222	Flat Washer	326	AF260	Dowel Pin
278	AF223	Flat Washer	327	AF115	Cap Screw
279	AF224	Flat Washer	328	A1131	Clutch Latch Spring Block
281	AF227	Spool Spring Washer	329	AF142	Hex Hd Cap Screw
282	AF230	Nut	330	A1270	Door Latch
283	AF231	Nut			

NEW PARTS:

A1314	-	BEARING 6303 - ZZ	2
A1307	-	BEARING 63012Z	2
A1305	-	MOTOR BELT TENSIONER SHAFT	1
A1303	-	PIVOT ARM LEFT	1
A1302	-	PIVOT ARM RIGHT	1
A1304	-	MOTOR BELT TENSIONER ARM	1
A1315	-	SHCS M8 x 40mm	6
A1306	-	BEARING SPACER	1
A1308	-	RETAINING RING 12mm	1
A1316	-	SHCS M8 x 20	10
A1300	-	PIVOT BLOCK BASE	1
A1301	-	PIVOT BLOCK	1
A1312	-	SHOULDER SCREW 1/2 - 13 X 2	1
A1309	-	SPRING UPPER MOUNT	1
A1313	-	DOWEL M20 x 70mm	1
A1310	-	SPRING LOWER MOUNT	1
A1311	-	PULLEY TENSION SPRING	1
A1317	-	CLUTCH ARM STOP BRACKET	1
A1318	-	MOUNTING PLATE BRIDGE	1
A1319	-	HEIGHT ADJUSTMENT ROD	1
A1320	-	HEX HEAD M10x1.5 x 35mm	1
A1321	-	HEX JAM NUT, M10x1.5mm	1
A1322	-	CLUTCH PLATE LOCK BAR	1
A1323	-	LOCK BAR SUPPORT	2
A1324	-	SHOULDER SCREW 1/2 x 1.25lg	2
A1325	-	WASHER, 1/2 FLAT, BRONZE	2
A1326	-	LOCKWASHER SPLIT 1/4	2
A1327	-	SPLIT COLLAR 3/4"	2
A1328	-	SHCS 1/2 - 13 x 1.75"	2
86305	-	MOTOR 1/2HP, 1425RPM, 110/220V	1

PG10410	- POWER CORD EURO, 220V	1
PW12.4	- FLAT WASHER, 1/2"	1
CB145	- HEX JAM NUT, 1/2 - 13	4
PW38 3/8"	- PLAIN WASHER	2
CB889	- LOCKWASHER SPLIT 3/8	2
D30541F	- HEX NUT, 3/8 - 16	2
CB718	- WASHER, 1/4" FLAT	4
UA4810.5	- SCREW, 1/4 " - 20 x 5/8", BHC	2
CB138	- SET SCREW 1/4 - 20 x 3/8 CUP	2
D44958F	- SHCS, 1/4 - 20 X 2.25"	2
CB860C	- ELASTIC STOP NUT 1/4 - 20	2
G40851	- RIBBED LOCK WASHER - M8	16
G20515	- DOWEL - M6 X 14 LG	10
G20576	- SCREW, M6 x 1.0 x 20, SHC	8
G20102	- SET SCREW, M6 x 12mm, FLAT/NYLON	1
G20520	- RIBBED LOCK WASHER - M6	8
CB177	- SET SCREW, 5/16 - 18, CUP PT	2

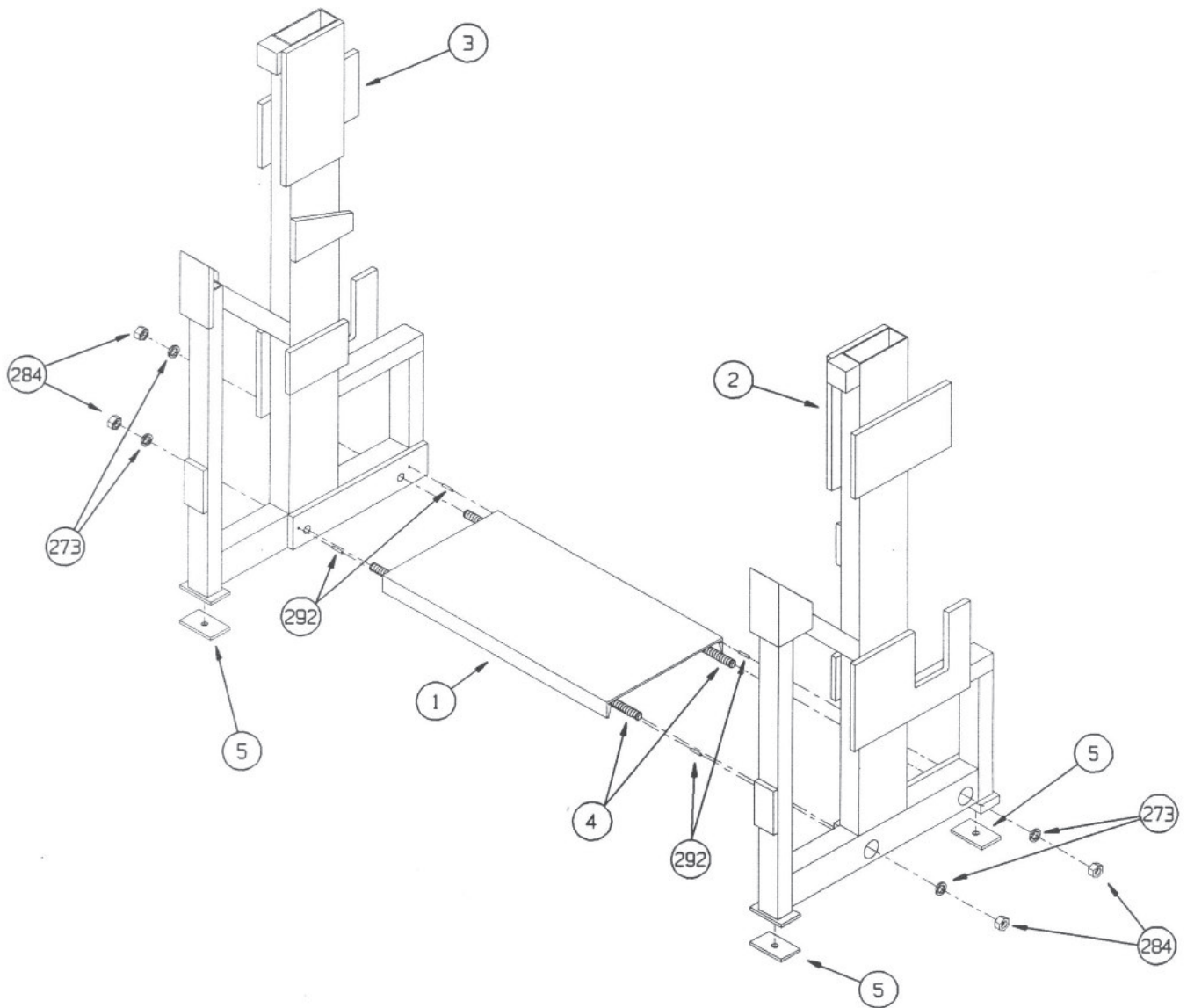
10. MACHINE SUB-ASSEMBLIES

FRAME ASSEMBLY

INDEX NO.	PART NO.	PART NAME
1	A1000	Bottom Plate
2	A1001	Frame - Right
3	A1002	Frame - Left
4	A1003	Tie Rod
5	A1004	Foot Pad
273	AF209	Lockwasher
284	AF232	Nut
292	AF253	Dowel Pin

10. MACHINE SUB-ASSEMBLIES

FRAME ASSEMBLY



10-7A

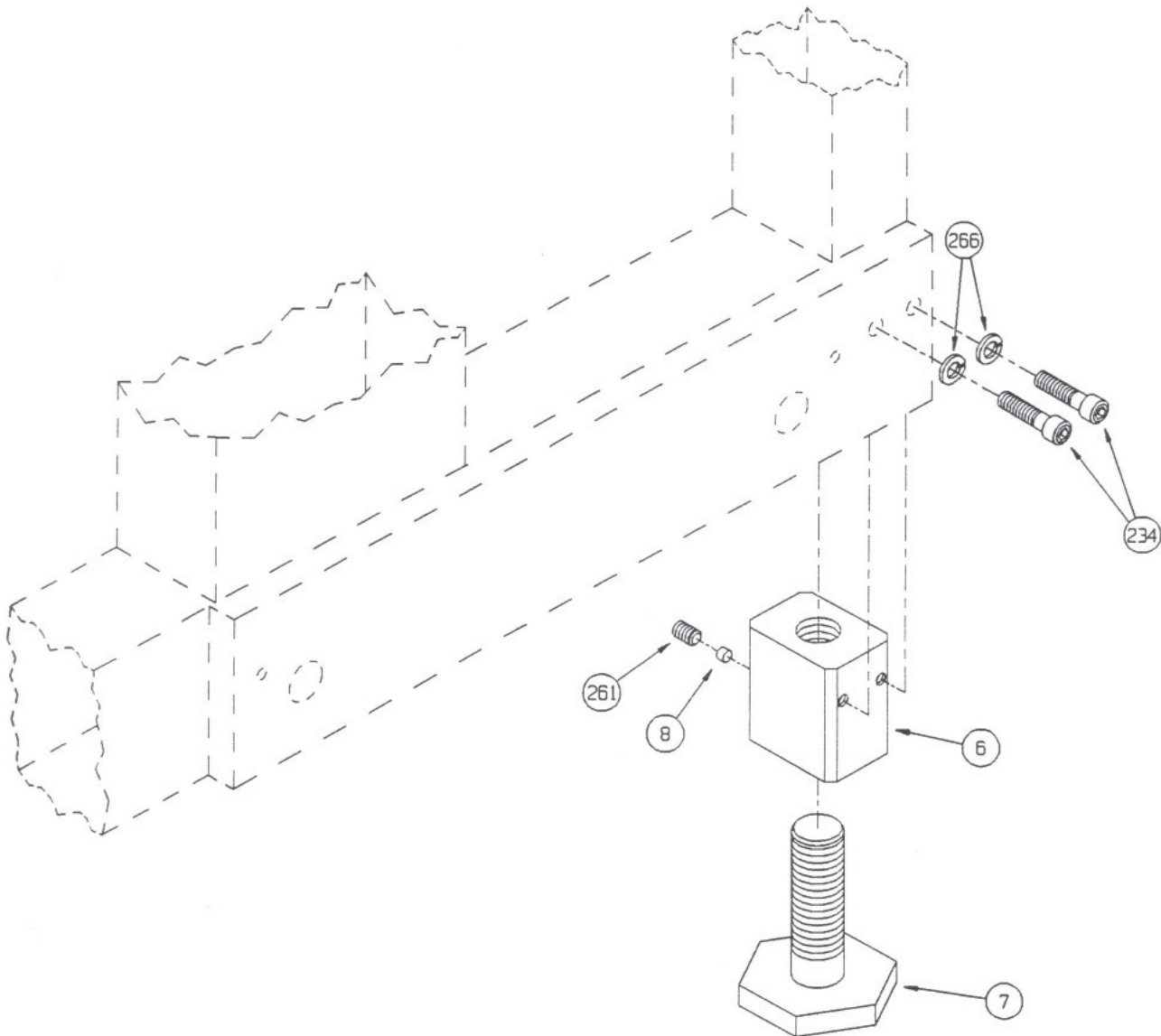
10. MACHINE SUB-ASSEMBLIES

ADJUSTABLE LEG ASSEMBLY

INDEX NO.	PART NO.	PART NAME
6	A1005	Adj Leg
7	A1006	Adj Foot Mtg Block
8	A1007	Thread Guard
234	AF105	Cap Screw
261	AF182	Set Screw
266	AF202	Lockwasher

10. MACHINE SUB-ASSEMBLIES

ADJUSTABLE LEG ASSEMBLY



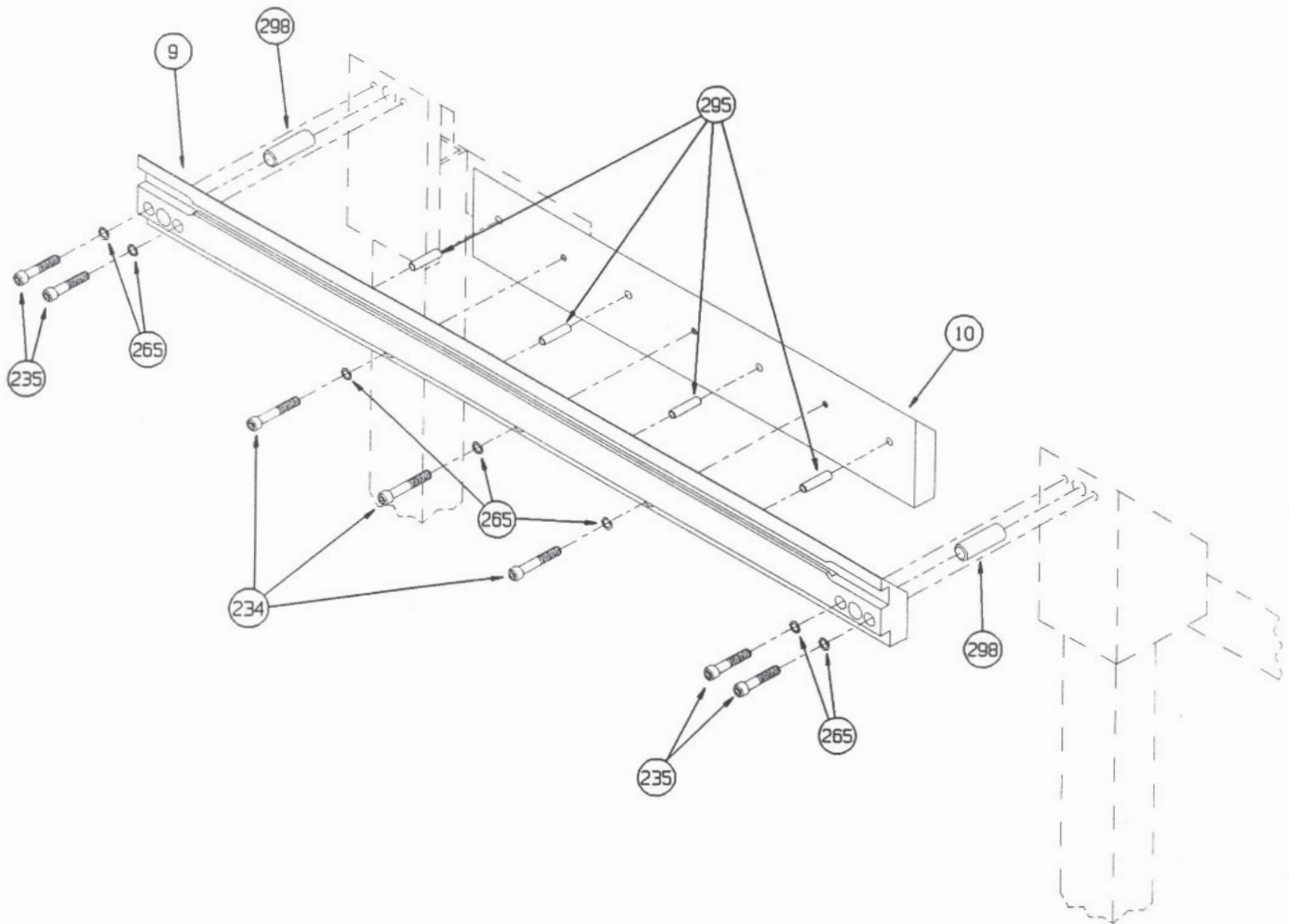
10. MACHINE SUB-ASSEMBLIES

CLINCHER RAIL ASSEMBLY

INDEX NO.	PART NO.	PART NAME
9	A1008	Clincher Rail
10	A1009	Clincher Support Bar
234	AF105	Cap Screw
235	AF106	Cap Screw
265	AF201	Lock Washer
295	AF256	Dowel Pin
298	AF259	Dowel Pin

10. MACHINE SUB-ASSEMBLIES

CLINCHER RAIL ASSEMBLY



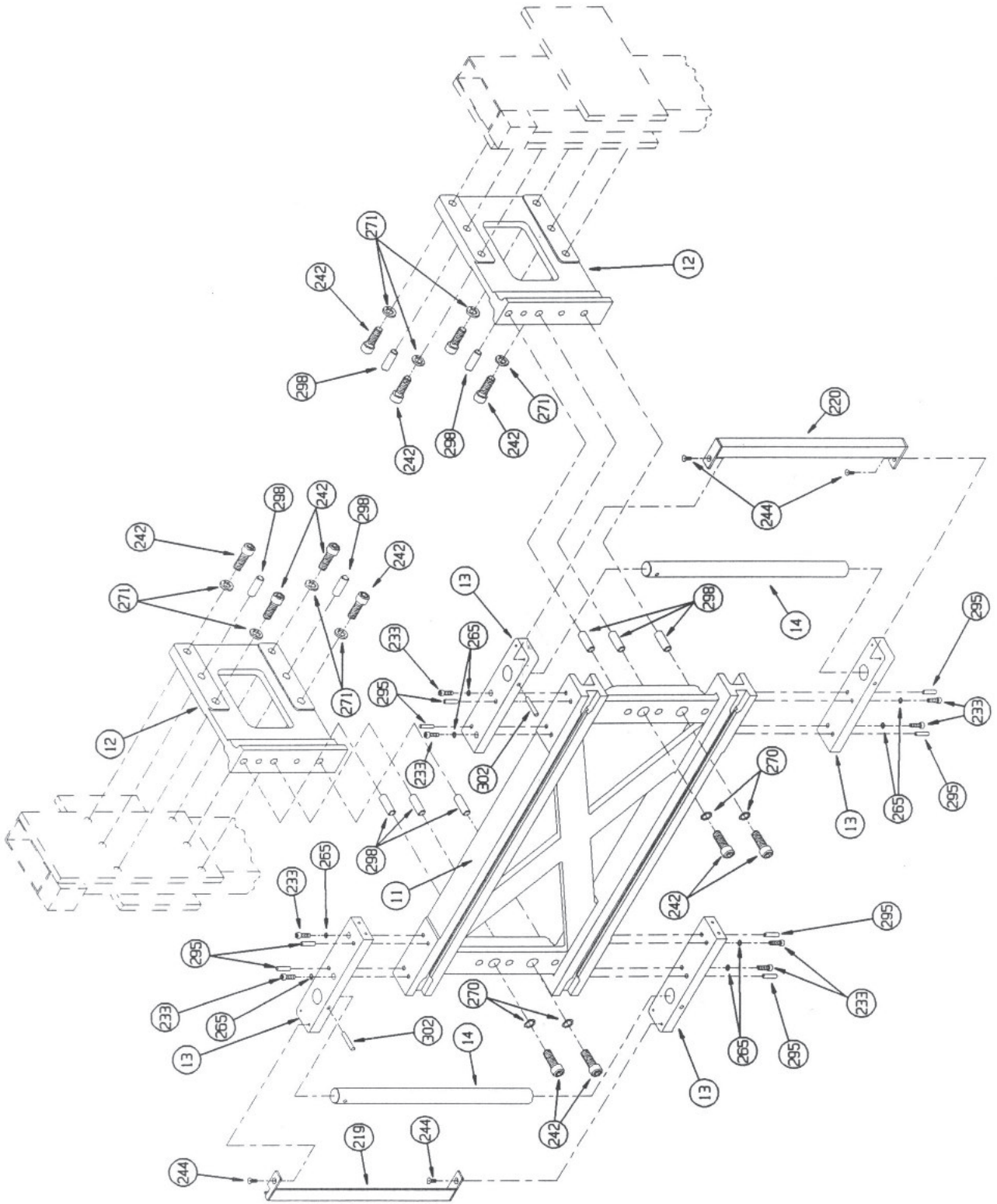
10. MACHINE SUB-ASSEMBLIES

HEAD MOUNTING FRAME ASSEMBLY

INDEX NO.	PART NO.	PART NAME
11	A1011	Head Mtg Frame
12	A1012	Head Mtg Frame Plate
13	A1014	Guide Rod Plate
14	A1016	Guide Rod
219	A1296	Door Fastener Bracket - Left
220	A1297	Door Fastener Bracket - Right
233	AF104	Cap Screw
242	AF113	Cap Screw
244	AF130	Flat Hd Screw
265	AF201	Lock Washer
270	AF206	Lock Washer
271	AF207	Lock Washer
295	AF256	Dowel Pin
298	AF259	Dowel Pin
302	AF276	Tapered Pin

10. MACHINE SUB-ASSEMBLIES

HEAD MOUNTING FRAME ASSEMBLY



10-10A

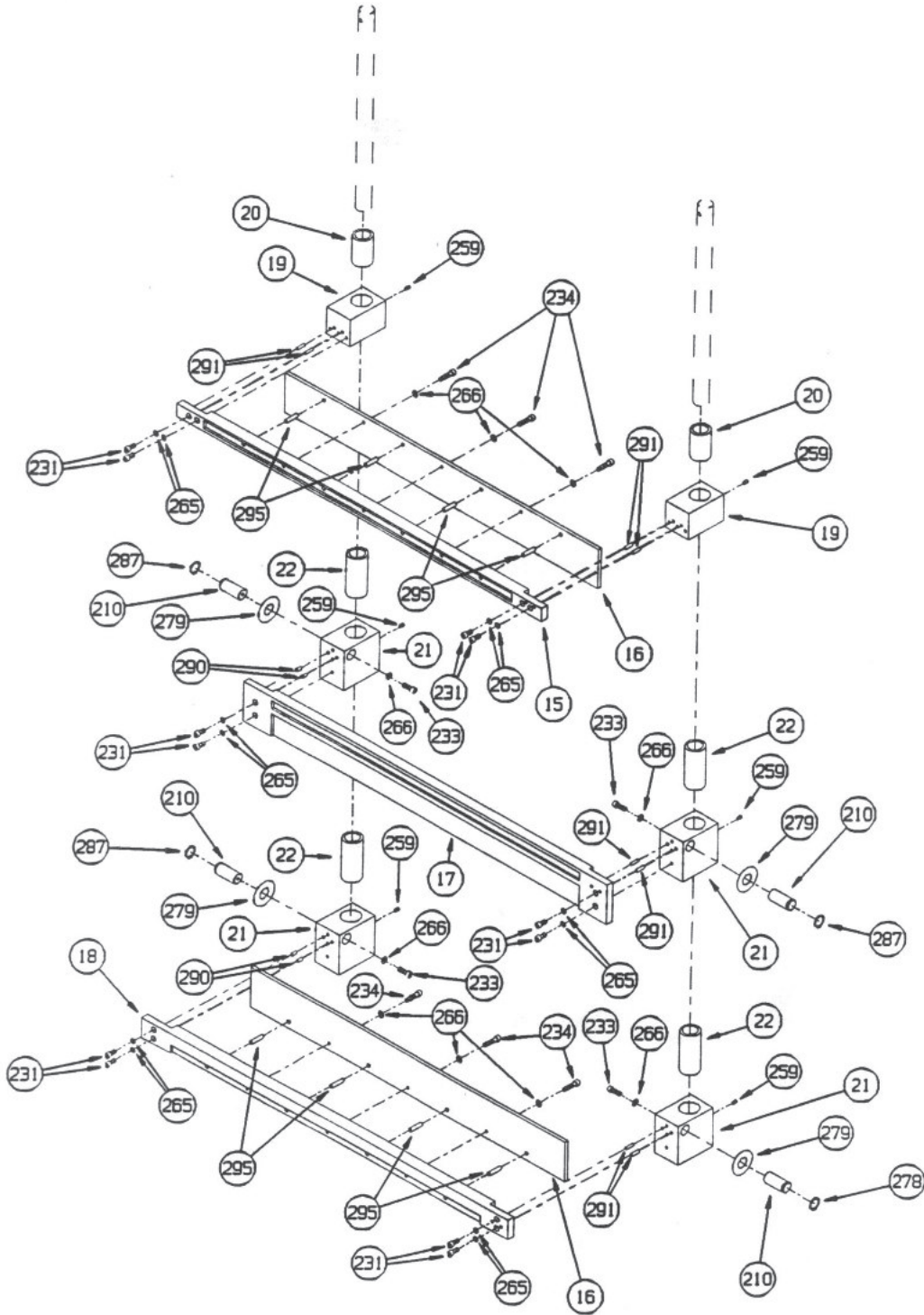
10. MACHINE SUB-ASSEMBLIES

RAIL ASSEMBLY

INDEX NO.	PART NO.	PART NAME
15	A1017	Face Plate Rail
16	A1018	Rail Support
17	A1020	Driver Rail
18	A1021	Bender Rail
19	A1023	Bearing Block - 2"
20	A1024	Sleeve Bearing - 2"
21	A1026	Bearing Block - 3"
22	A1027	Sleeve Bearing - 3"
210	A1267	Post - Long
231	AF102	Cap Screw
233	AF104	Cap Screw
234	AF105	Cap Screw
259	AF180	Set Screw
265	AF201	Lock Washer
266	AF202	Lock Washer
279	AF224	Flat Washer
287	AF240	Retaining Ring
290	AF251	Dowel Pin
291	AF252	Dowel Pin
295	AF256	Dowel Pin

10. MACHINE SUB-ASSEMBLIES

RAIL ASSEMBLY



10-11A

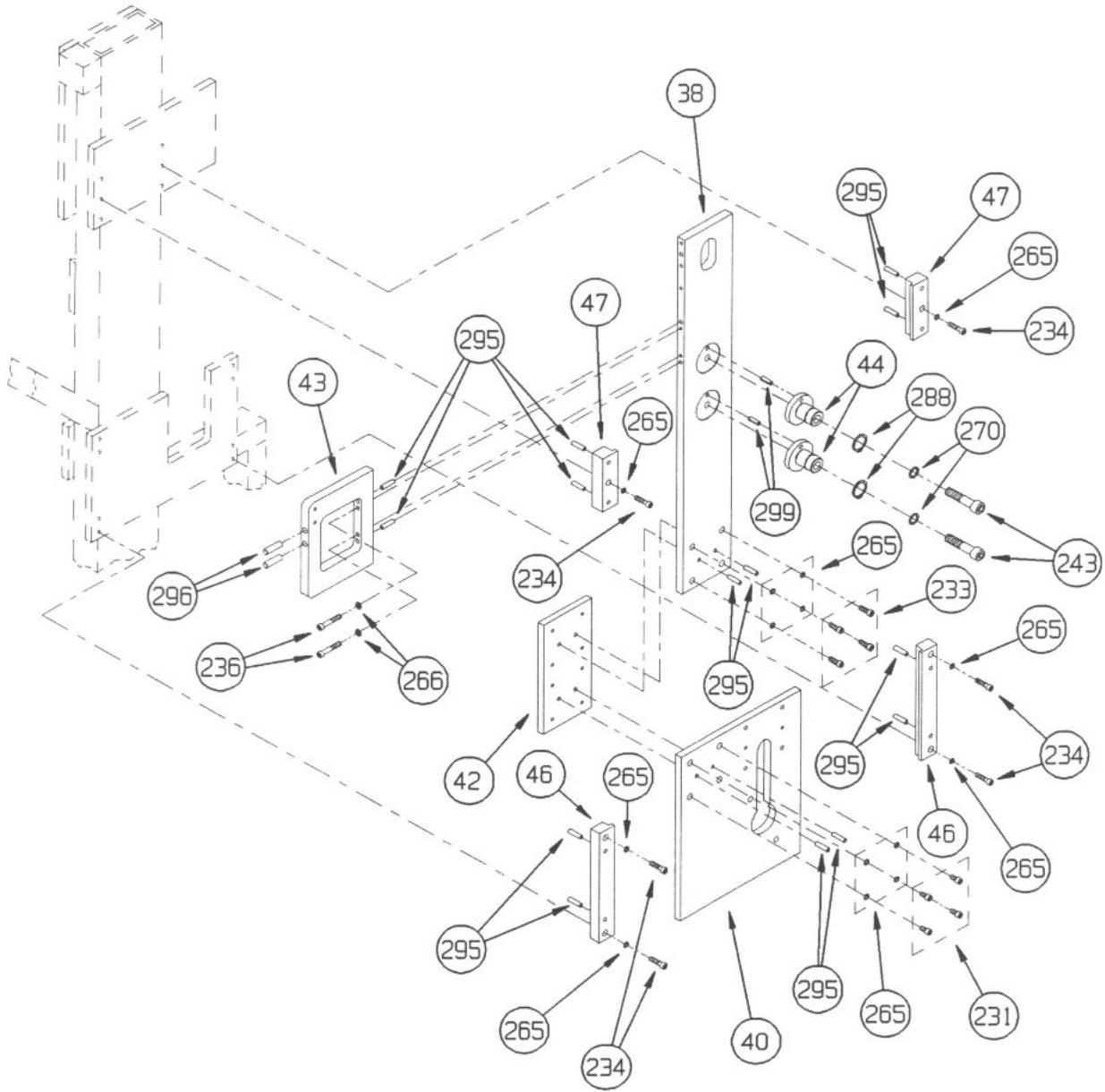
10. MACHINE SUB-ASSEMBLIES

ADJUSTMENT PLATE ASSEMBLY - RIGHT

INDEX NO.	PART NO.	PART NAME
38	A1047	Adj Plate - Right
40	A1051	Shaft Mtg Plate - Right
42	A1055	Tie Plate
43	A1056	Connector Plate
44	A1058	Rocker Arm Post
46	A1061	Lower Plate Guide
47	A1063	Upper Plate Guide
231	AF102	Cap Screw
233	AF104	Cap Screw
234	AF105	Cap Screw
236	AF107	Cap Screw
243	AF114	Cap Screw
265	AF201	Lock Washer
266	AF202	Lock Washer
270	AF206	Lock Washer
288	AF241	Retaining Ring
295	AF256	Dowel Pin
296	AF257	Dowel Pin
299	AF270	Roll Pin

10. MACHINE SUB-ASSEMBLIES

ADJUSTMENT PLATE ASSEMBLY - RIGHT



10-12A

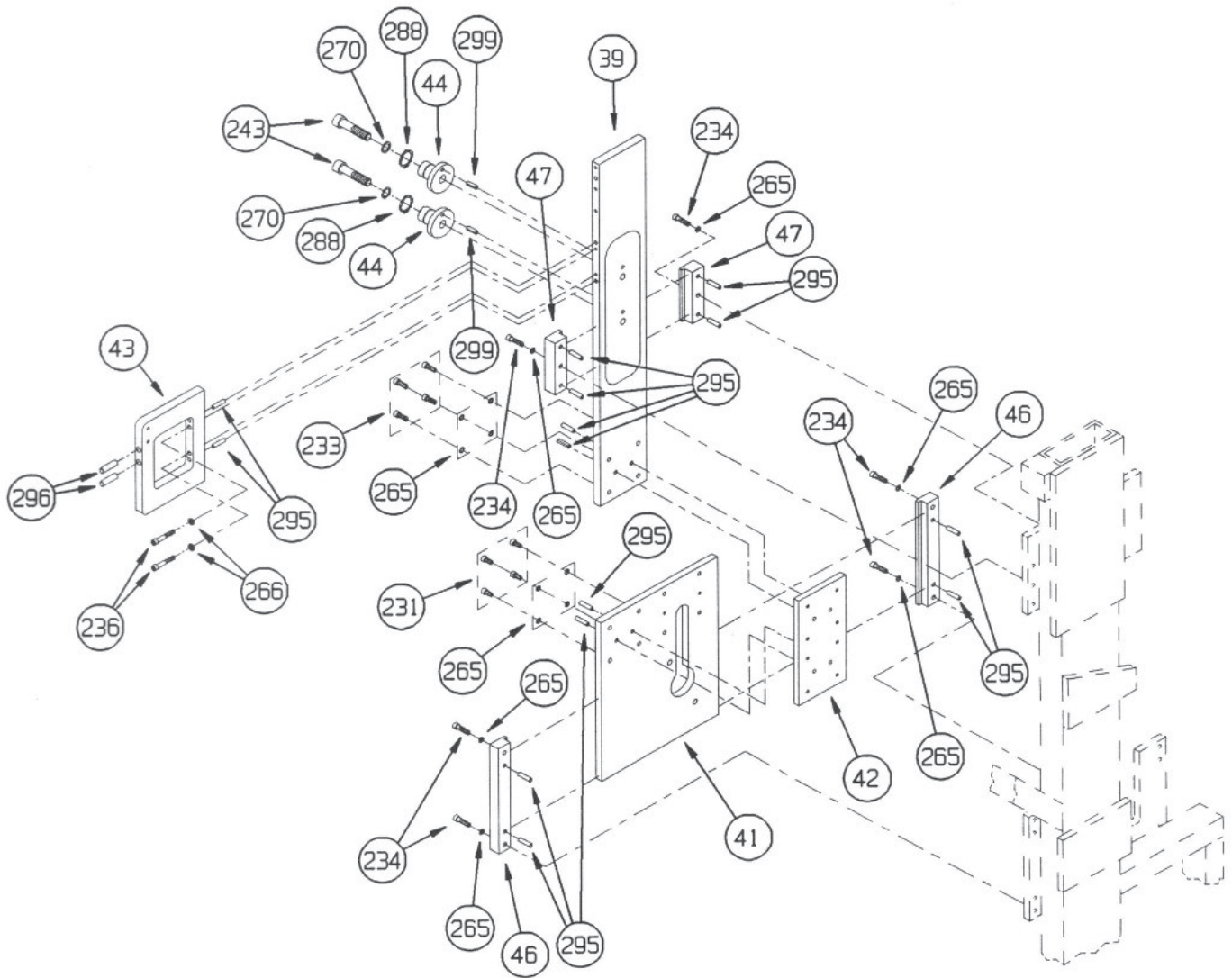
10. MACHINE SUB-ASSEMBLIES

ADJUSTMENT PLATE ASSEMBLY - LEFT

INDEX NO.	PART NO.	PART NAME
39	A1049	Adj Plate - Left
41	A1053	Shaft Mtg Plate - Left
42	A1055	Tie Plate
43	A1056	Connector Plate
44	A1058	Rocker Arm Post
46	A1061	Lower Plate Guide
47	A1063	Upper Plate Guide
231	AF102	Cap Screw
233	AF104	Cap Screw
234	AF105	Cap Screw
236	AF107	Cap Screw
243	AF114	Cap Screw
265	AF201	Lock Washer
266	AF202	Lock Washer
270	AF206	Lock Washer
288	AF241	Retaining Ring
295	AF256	Dowel Pin
296	AF257	Dowel Pin
299	AF270	Roll Pin

10. MACHINE SUB-ASSEMBLIES

ADJUSTMENT PLATE ASSEMBLY - LEFT



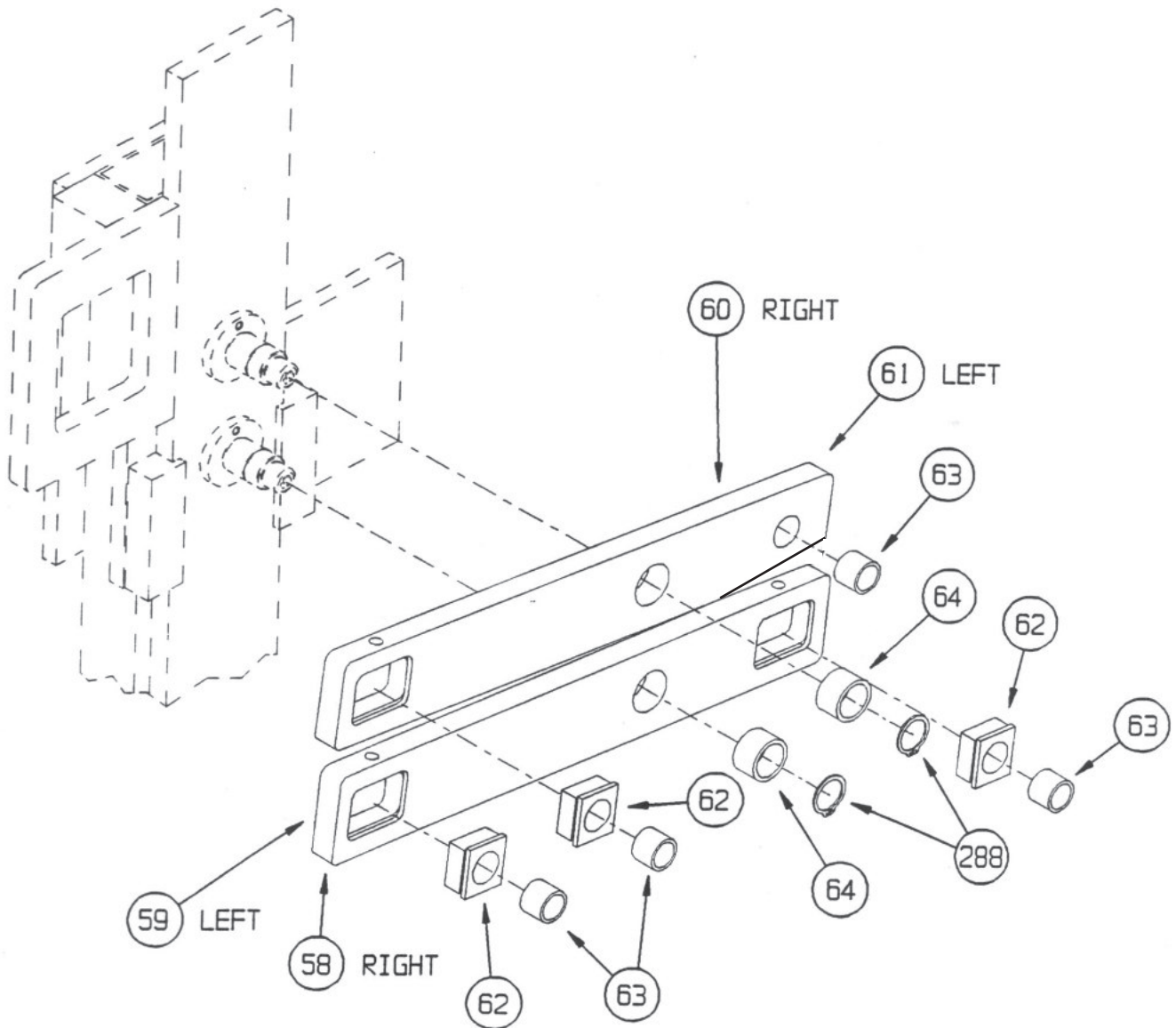
10. MACHINE SUB-ASSEMBLIES

ROCKER ARM ASSEMBLY

INDEX NO.	PART NO.	PART NAME
58	A1079	Bender Rocker Arm - Right
59	A1081	Bender Rocker Arm - Left
60	A1083	Driver Rocker Arm - Right
61	A1085	Driver Rocker Arm - Left
62	A1087	Slide Block
63	A1088	Slide Block Sleeve Bearing
64	A1090	Cup Bearing
288	AF241	Retaining Ring

10. MACHINE SUB-ASSEMBLIES

ROCKER ARM ASSEMBLY



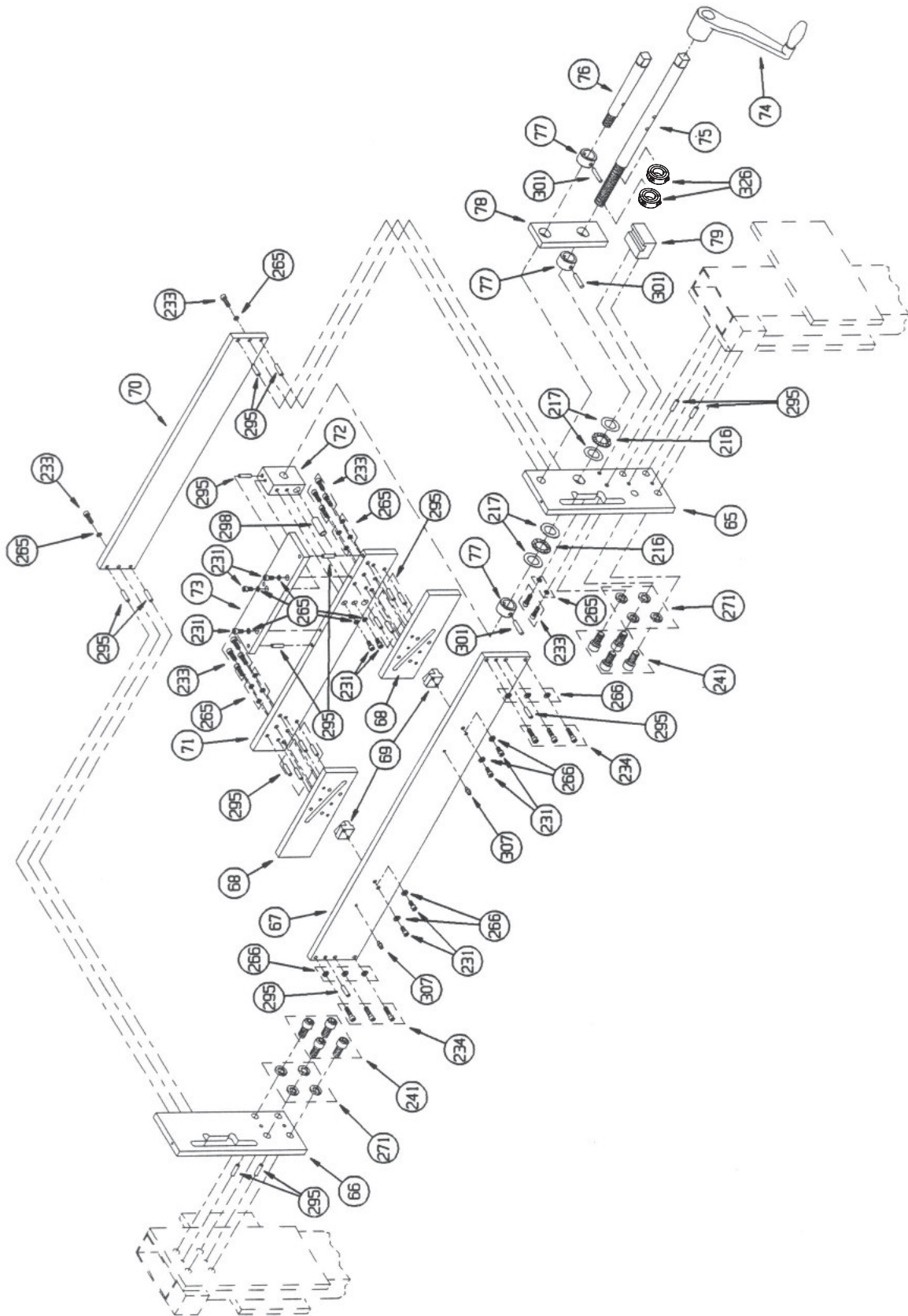
10. MACHINE SUB-ASSEMBLIES

ADJUSTMENT ASSEMBLY

INDEX NO.	PART NO.	PART NAME
65	A1091	Guide Plate - Right
66	A1093	Guide Plate - Left
67	A1095	Cam Plate
68	A1097	Cam Slide
69	A1099	Cam Block
70	A1100	Guide Plate Tie Bar
71	A1102	Slide Connector Bar
72	A1103	Screw Block
73	A1105	Slide Stiffener Plate
74	A1106	Crank Handle
75	A1107	Adj Screw
76	A1108	Lock Screw
77	A1109	Screw Collar
78	A1110	Lock Plate
79	A1111	Pivot Block
216	A1283	Adj Screw Bearing
217	A1284	Adj Screw Washer
231	AF102	Cap Screw
233	AF104	Cap Screw
234	AF105	Cap Screw
241	AF112	Cap Screw
265	AF201	Lock Washer
266	AF202	Lock Washer
271	AF207	Lock Washer
295	AF256	Dowel Pin
298	AF259	Dowel Pin
301	AF275	Tapered Pin
307	AF295	Grease Fitting
326	A1327	Split Collars

10. MACHINE SUB-ASSEMBLIES

ADJUSTMENT ASSEMBLY



10. MACHINE SUB-ASSEMBLIES

MAIN SHAFT ASSEMBLY

INDEX NO.	PART NO.	PART NAME
23	A1029	Main Shaft
24	A1030	Eccentric Cam
25	A1032B	Main Cam - Right
26	A1033B	Main Cam - Left
27	A1034	Flange Bearing
28	A1035	Flange Bearing Spacer
29	A1036	Adj Plate Sleeve Bearing
30	A1037	Clincher Cam
31	A1038	Collar
32	A1039	Clutch Race
33	A1040	Clutch
34	A1042	Pulley Mtg Bushing
35	A1043	Pulley Bearing
36	A1045	Pulley
37	A1046	V-Belt
237	AF108	Cap Screw
◆ 238	AF109	Cap Screw
240	AF111	Cap Screw
261	AF182	Set Screw
267	AF203	Lock Washer
268	AF204	Lock Washer
269	AF205	Lock Washer
295	AF256	Dowel Pin
297	AF258	Dowel Pin
310	AF302	Key
311	AF303	Key
312	AF304	Key

- ◆ When replacing the #AF109 Cap Screws for the #A1030 Eccentric Cams, a "Loctite" type bonding adhesive **must** be used on the threads.

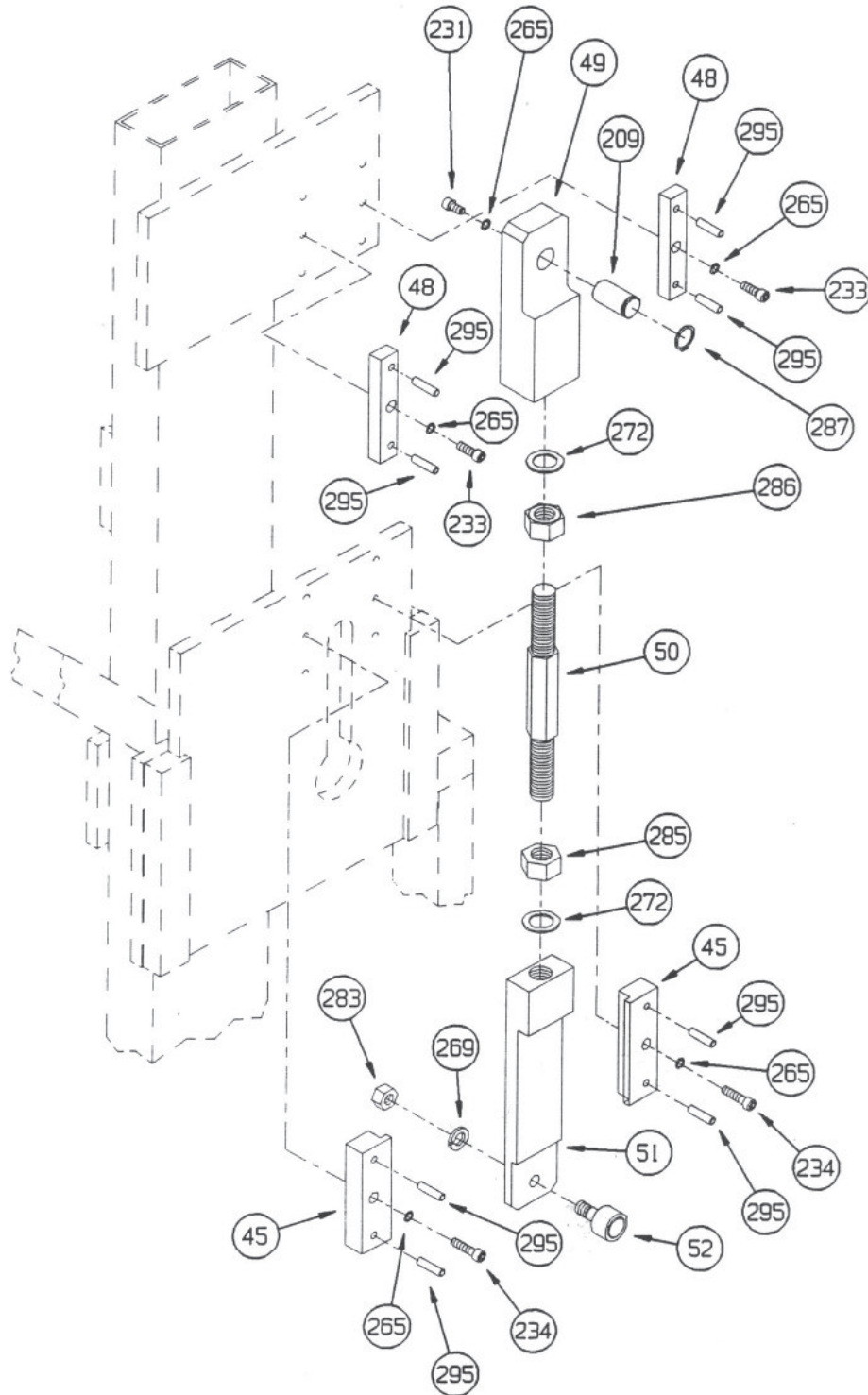
10. MACHINE SUB-ASSEMBLIES

BENDER LINK ASSEMBLY

INDEX NO.	PART NO.	PART NAME
45	A1059	Bender Link Guide
48	A1065	Bender Link Guide Bar
49	A1067	Bender Link Plate
50	A1069	Bender Link
51	A1070	Bender Follower Bar
52	A1071	Cam Follower Bearing
209	A1266	Post - Short
231	AF102	Cap Screw
233	AF104	Cap Screw
234	AF105	Cap Screw
265	AF201	Lock Washer
269	AF205	Lock Washer
272	AF208	Lock Washer
283	AF231	Nut
285	AF233	Nut
286	AF234	Nut
287	AF240	Retaining Ring
295	AF256	Dowel Pin

10. MACHINE SUB-ASSEMBLIES

BENDER LINK ASSEMBLY



10-17A

10. MACHINE SUB-ASSEMBLIES

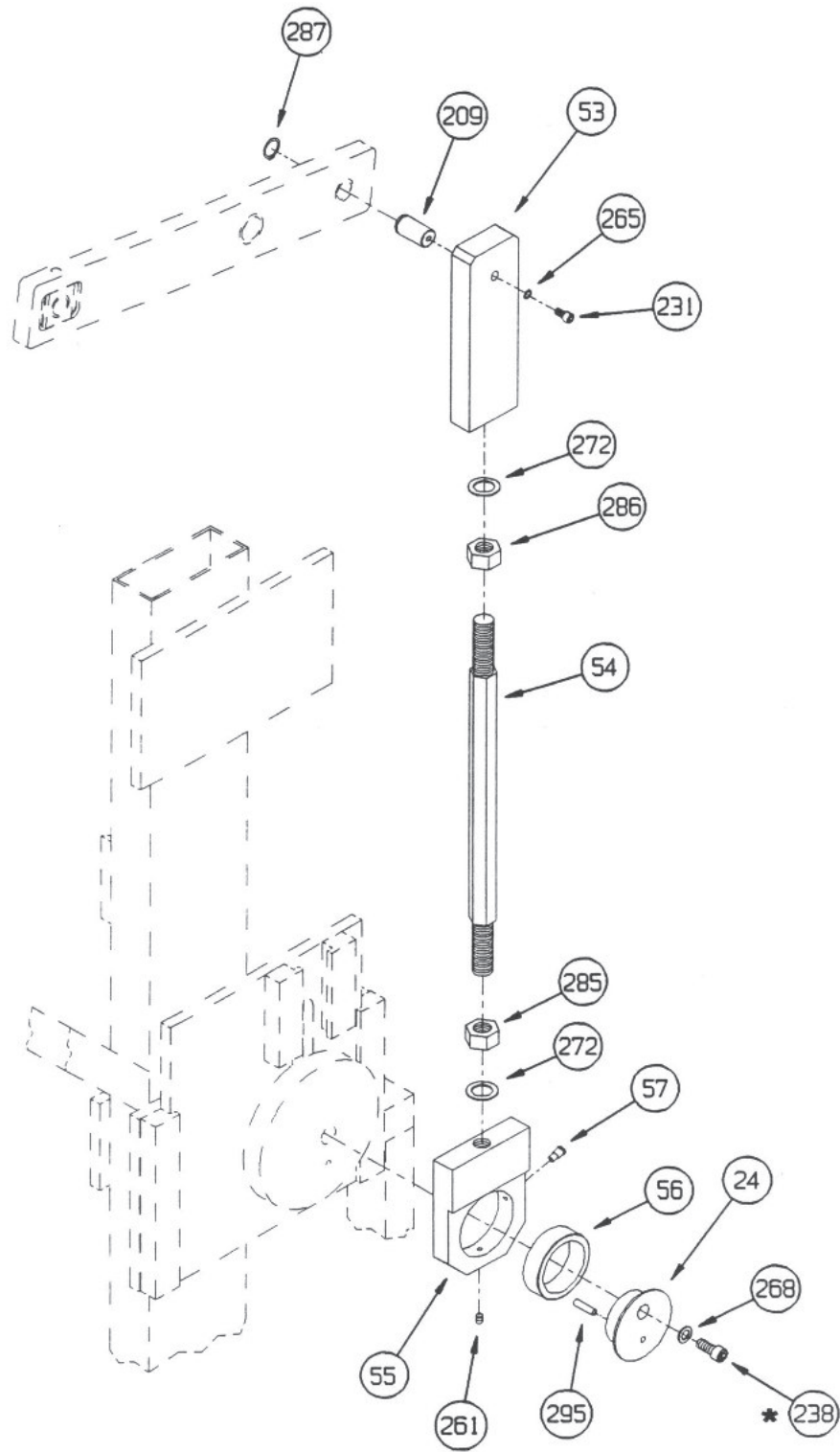
DRIVER LINK ASSEMBLY

INDEX NO.	PART NO.	PART NAME
24	A1030	Eccentric Cam
53	A1072	Driver Link Plate
54	A1074	Driver Link
55	A1075	Driver Cam Plate
56	A1076	Driver Sleeve Bearing
57	A1077	Oil Cup
209	A1266	Post - Short
231	AF102	Cap Screw
* 238	AF109	Cap Screw
261	AF182	Set Screw
265	AF201	Lock Washer
268	AF204	Lock Washer
272	AF208	lock Washer
285	AF233	Nut
286	AF234	Nut
287	AF240	Retaining Ring
295	AF256	Dowel Pin

* When replacing the #AF109 Cap Screws for the #A1030 Eccentric Cams, a "Loctite" type bonding adhesive **must** be used on the threads.

10. MACHINE SUB-ASSEMBLIES

DRIVER LINK ASSEMBLY



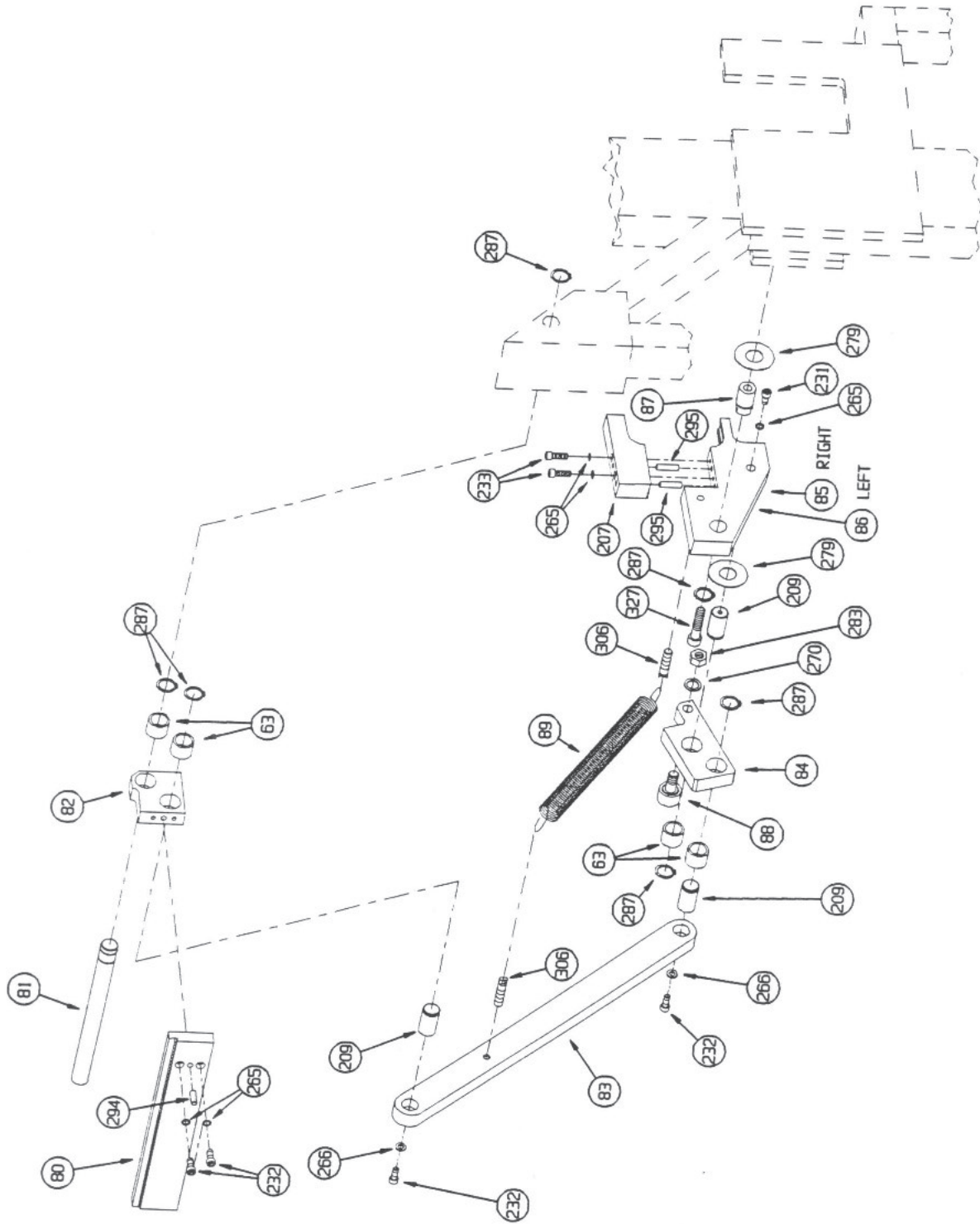
10-18A

10. MACHINE SUB-ASSEMBLIES

CLINCHER BAIL ASSEMBLY

INDEX NO.	PART NO.	PART NAME
63	A1088	Slide Block Sleeve Bearing
80	A1112	Clincher Bail
81	A1114	Clincher Shaft
82	A1115	Clincher Bail Lever
83	A1116	Clincher Link
84	A1118	Clincher Follower Lever
85	A1121	Adj Pivot Plate - Right
86	A1123	Adj Pivot Plate - Left
87	A1125	Adj Plate Post
88	A1126	Clincher Follower Bearing
89	A1127	Clincher Bail Spring
207	A1256	Pivot Plate Attachment
209	A1266	Post - Short
231	AF102	Cap Screw
232	AF103	Cap Screw
233	AF104	Cap Screw
265	AF201	Lock Washer
266	AF202	Lock Washer
270	AF206	Lock Washer
279	AF224	Flat Washer
283	AF231	Nut
287	AF240	Retaining Ring
294	AF255	Dowel Pin
295	AF256	Dowel Pin
306	AF291	Spring Anchor
327	AF115	Cap Screw

CLINCHER BAIL ASSEMBLY

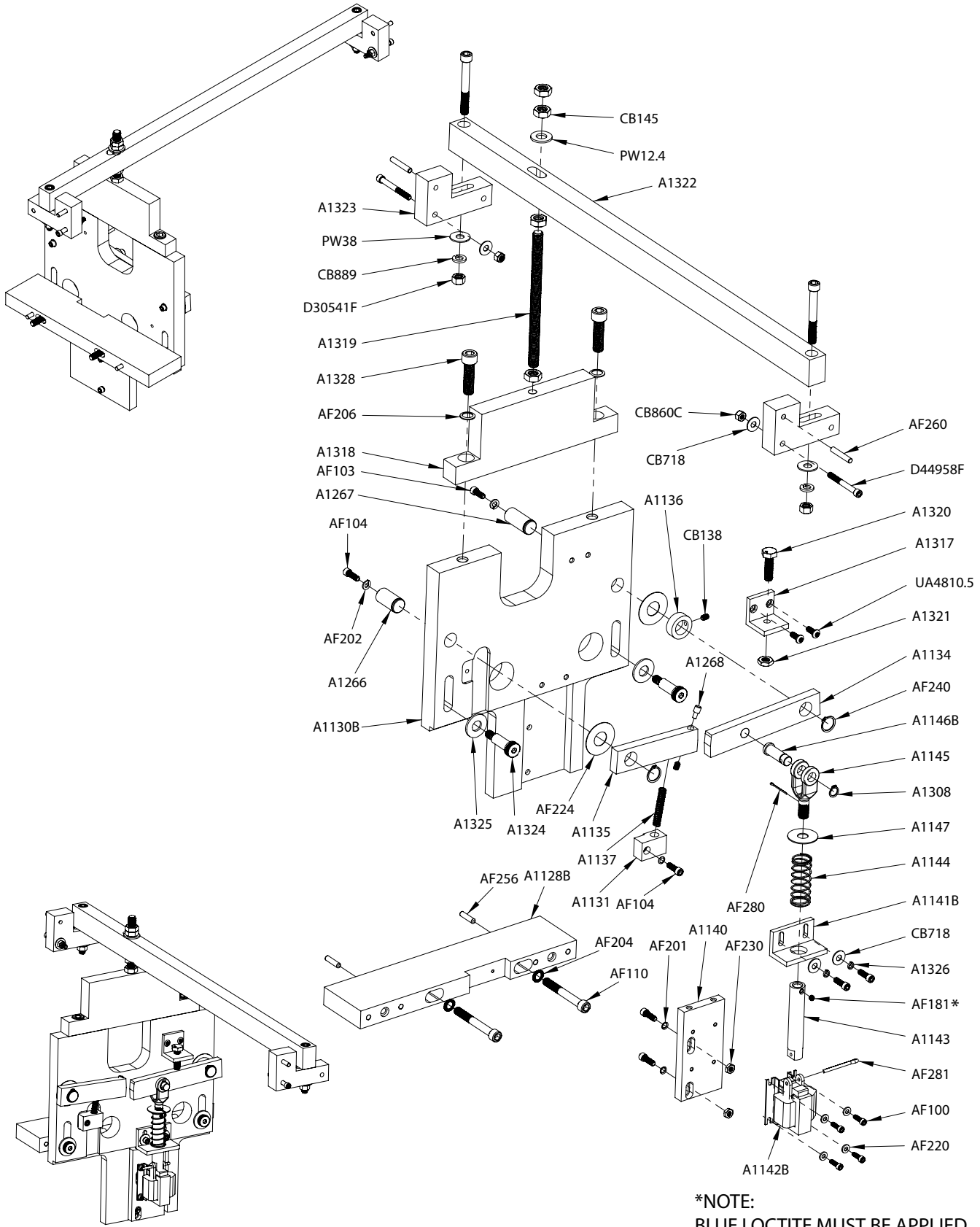


10. MACHINE SUB-ASSEMBLIES

CLUTCH TRIP MECHANISM AND SOLENOID ASSEMBLY

PART NO.	PART NAME
A1130B	CLUTCH TRIP MOUNTING PLATE
A1140	SOLENOID MOUNTING PLATE
A1141B	SPRING RETAINER PLATE
A1131	CLUTCH LATCH SPRING BLOCK
A1317	CLUTCH ARM STOP BRACKET
A1318	MOUNTING PLATE BRIDGE
A1319	HEIGHT ADJUSTMENT ROD
AF224	FLAT WASHER
A1135	CLUTCH LATCH LEVER
A1136	CLUTCH SHAFT COLLAR
A1134	CLUTCH TRIP LEVER
A1266	POST SHORT
A1267	POST LONG
A1320	HEX HEAD M10x1.5 x 35mm
A1321	HEX JAM NUT, M10x1.5mm
AF104	SHCS 1/4-20 x 3/4
AF256	DOWEL, 1/4x1"
A1128B	CLUTCH MOUNTING BAR
AF240	RETAINING RING, 3/4"
A1322	CLUTCH PLATE LOCK BAR
A1323	LOCK BAR SUPPORT
PW12.4	FLAT WASHER, 1/2"
CB145	HEX JAM NUT, 1/2-13
A1324	SHOULDER SCREW 1/2 x 1.25lg
A1325	WASHER, 1/2 FLAT, BRONZE
AF201	RIBBED LOCK WASHER- 1/4"
AF206	RIBBED LOCK WASHER, 1/2
A1328	SHCS 1/2-13 x 1.75
PW38	3/8" PLAIN WASHER
CB889	LOCKWASHER SPLIT 3/8
D30541F	HEX NUT, 3/8-16
AF110	SHCS 3/8-16 x 3"
CB718	WASHER, 1/4" FLAT
UA4810.5	SCREW, 1/4"-20 x 5/8", BHC
A1326	LOCKWASHER SPLIT 1/4
CB138	SET SCREW 1/4-20 x 3/8 CUP
A1142B	SOLENOID 220V
AF230	HEX JAM NUT 1/4-20
AF220	#10 FLAT WASHER
AF100	SHCS #10-24 x 5/8
A1147	WASHER FLAT 1/2, OD 1.5
A1144	SOLENOID SPRING
A1146B	CLEVIS PIN
A1143	SOLENOID PLUNGER
A1145	CLUTCH TRIP YOKE
AF181	SET SREW 1/4-20 x 3/16 CUP
A1308	RETAINING RING 12mm
AF204	LOCK WASHER RIBBED, 3/8
A1268	FRICTION BUTTON
A1137	CLUTCH LATCH SPRING
AF281	COTTER PIN
AF280	COTTER PIN
AF103	SHCS 1/4-20 x 5/8
AF202	LOCK WASHER SPLIT 1/4
D44958F	SHCS, 1/4-20 X 2.25"
CB860C	ELASTIC STOP NUT 1/4-20
AF260	DOWEL 1/4 x 1.50

CLUTCH TRIP MECHANISM AND SOLENOID ASSEMBLY



***NOTE:
BLUE LOCTITE MUST BE APPLIED
ON THREAD**

10. MACHINE SUB-ASSEMBLIES

MOTOR ASSEMBLY

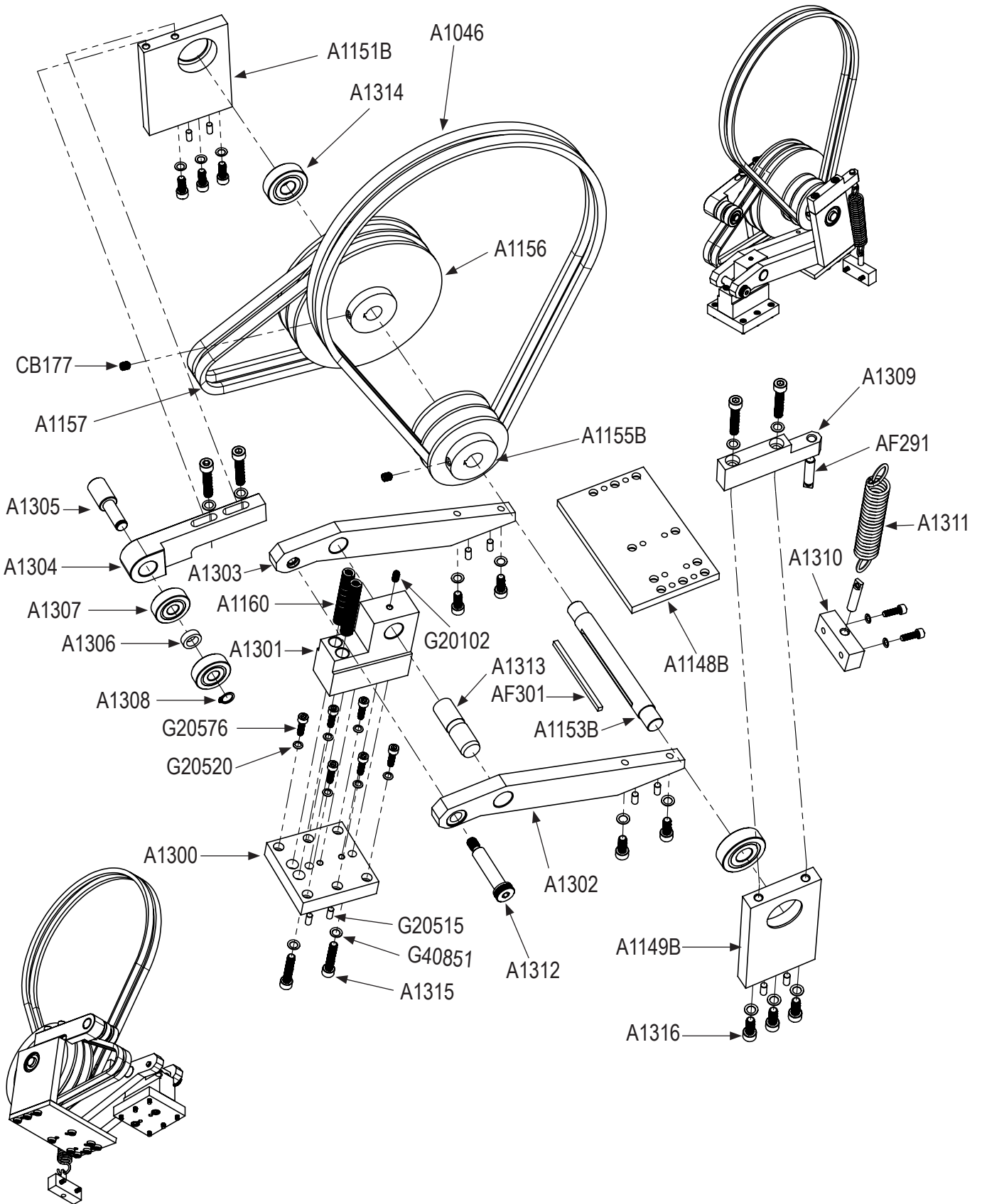
INDEX NO.	PART NO.	PART NAME
117	86305	Motor , 1/2 HP, 115/230V
118	A1162	Motor Pulley
248	AF140	Cap Screw
262	AF183	Set Screw
267	AF203	Lock Washer
278	AF223	Flat Washer
308	AF300	Key

10. MACHINE SUB-ASSEMBLIES

IDLER ADJUSTMENT ASSEMBLY

PART NO.	PART NAME
A1153B	IDLER SHAFT
A1156	PULLEY - 6"
A1314	BEARING 6303-ZZ
A1148B	IDLER BASE PLATE
A1149B	IDLER MOUNTING PLATE - RIGHT
A1307	BEARING 63012Z
A1151B	IDLER MOUNTING PLATE - LEFT
A1305	MOTOR BELT TENSIONER SHAFT
A1303	PIVOT ARM LEFT
A1302	PIVOT ARM RIGHT
A1304	MOTOR BELT TENSIONER ARM
A1315	SHCS M8 x 40mm
A1306	BEARING SPACER
A1308	RETAINING RING 12mm
A1316	SHCS M8 x 20
G40851	RIBBED LOCK WASHER- M8
G20515	DOWEL- M6 X 14 LG
A1300	PIVOT BLOCK BASE
A1301	PIVOT BLOCK
A1312	SHOULDER SCREW 1/2-13 X 2
G20576	SCREW, M6 x 1.0 x 20, SHC
G20102	SET SCREW, M6 x 12mm, FLAT/NYLON
A1309	SPRING UPPER MOUNT
AF291	SPRING ANCHOR
A1313	DOWEL M20 x 70mm
G20520	RIBBED LOCK WASHER- M6
A1160	IDLER TENSION SPRING
A1157	V-BELT SHORT
A1155B	PULLEY - 2.8"
A1046	V-BELT LONG
AF301	3/16 KEY
CB177	SET SCREW, 5/16-18, CUP PT
A1310	SPRING LOWER MOUNT
A1311	PULLEY TENSION SPRING

IDLER ADJUSTMENT ASSEMBLY



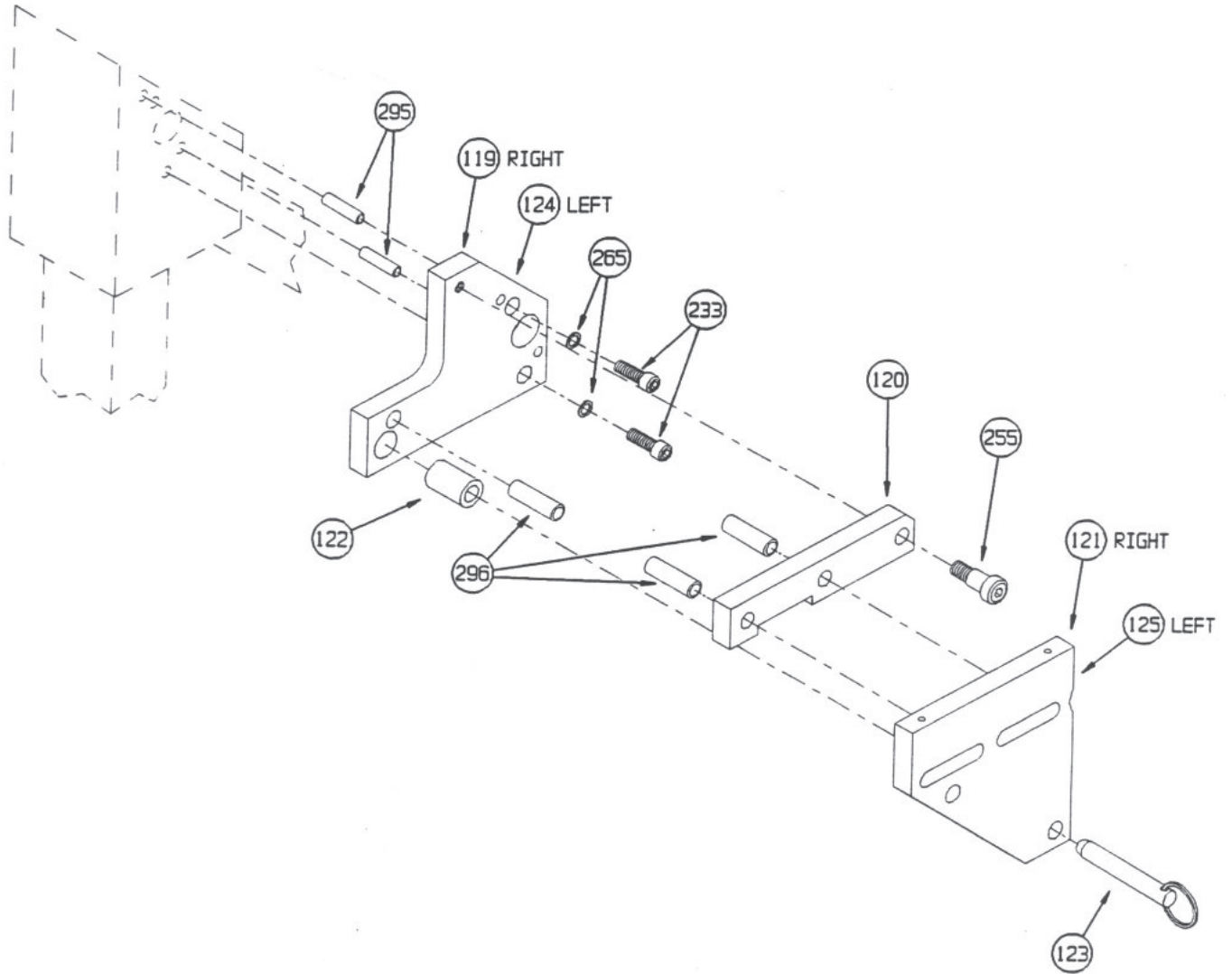
10. MACHINE SUB-ASSEMBLIES

TABLE BRACKET ASSEMBLY

INDEX NO.	PART NO.	PART NAME
119	A1163	Saddle Mtg Plate - Right
120	A1165	Saddle Leg
121	A1166	Adj Table Bracket - Right
122	A1167	Saddle Mtg Bushing
123	A1168	Saddle Pull Pin
124	A1169	Saddle Mtg Plate - Left
125	A1171	Adj Table Bracket - Left
233	AF104	Cap Screw
255	AF161	Shoulder Screw
265	AF201	Lock Washer
295	AF256	Dowel Pin
296	AF257	Dowel Pin

10. MACHINE SUB-ASSEMBLIES

TABLE BRACKET ASSEMBLY



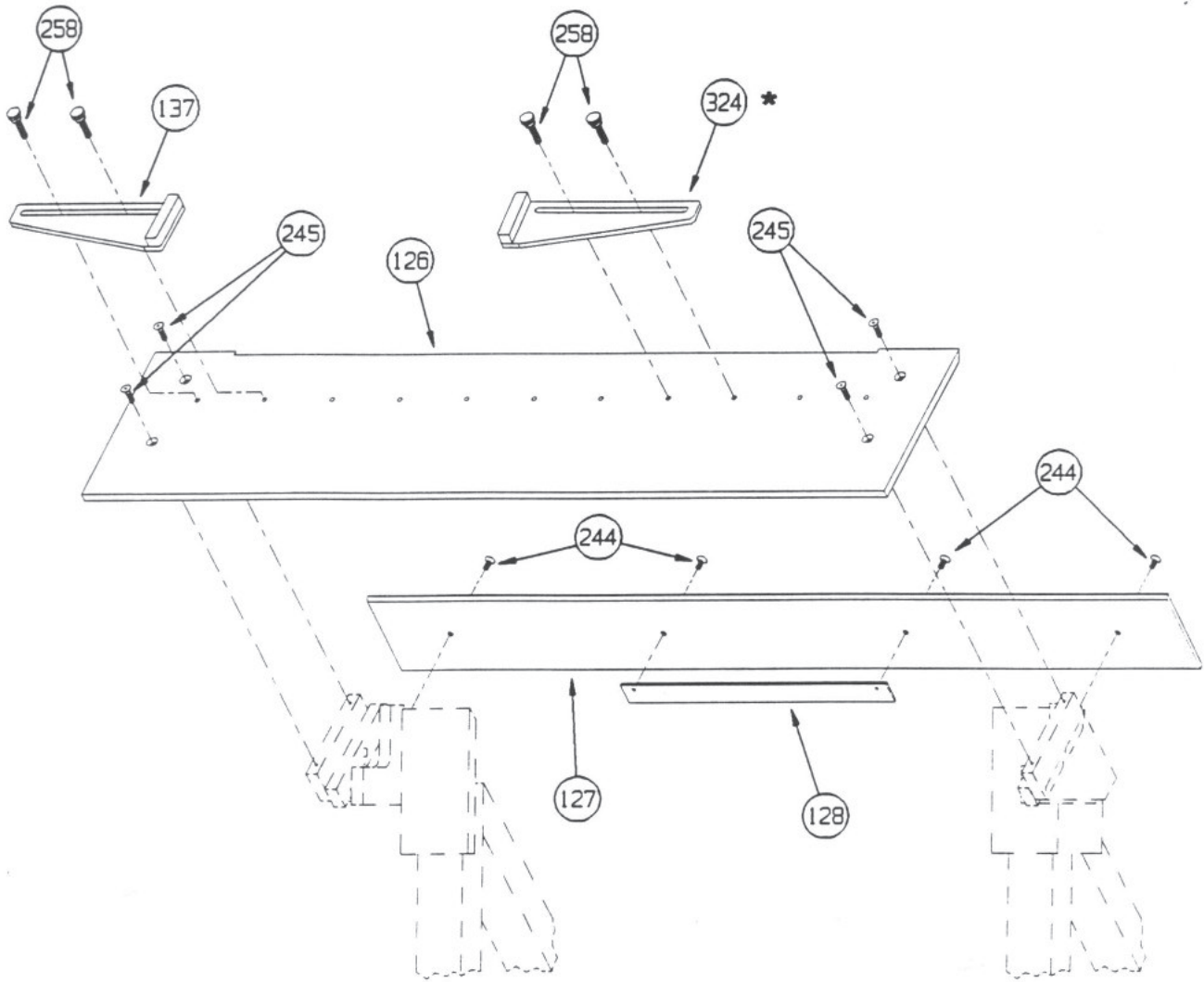
10. MACHINE SUB-ASSEMBLIES

TABLE ASSEMBLY

INDEX NO.	PART NO.	PART NAME
126	A1172	Adj Saddle Plate
127	A1173	Stationary Saddle Plate
128	A1174	Saddle Plate Spacer Bar
137	A1185	Side Paper Guide - LH
244	AF130	Flat Hd Screw
245	AF131	Flat Hd Screw
258	AF172	Thumb Screw
324	A1178	Side Paper Guide - RH

10. MACHINE SUB-ASSEMBLIES

TABLE ASSEMBLY



* Optional Equipment

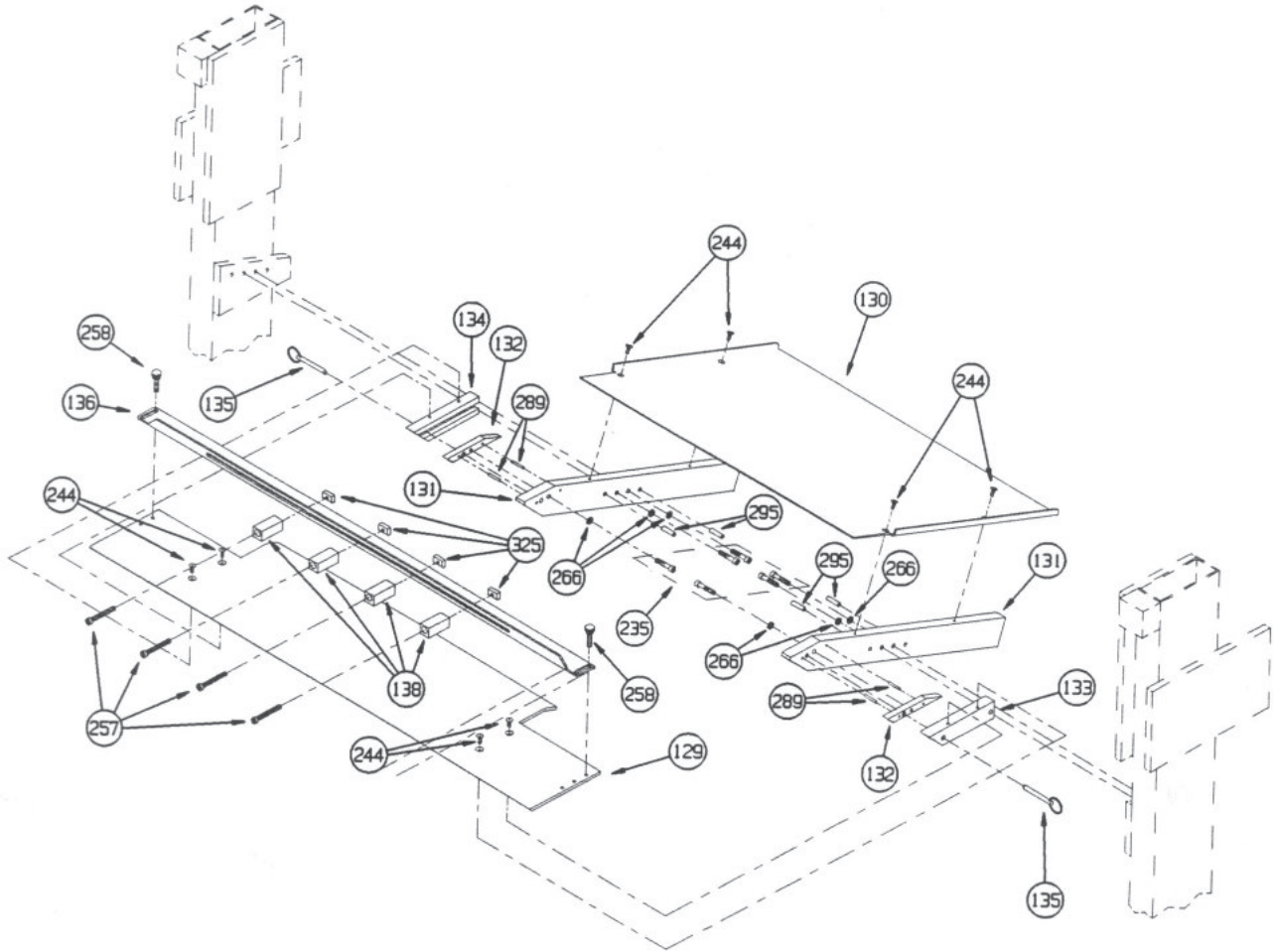
10. MACHINE SUB-ASSEMBLIES

SLANT TRAY / FLAT PAPER STOP ASSEMBLY

INDEX NO.	PART NO.	PART NAME
129	A1175	Adj Flat Table
130	A1176	Rear Slant Tray
131	A1177	Rear Tray Support Bar
132	A1180	Flat Table Guide Bar
133	A1181	Table Guide - Right
134	A1182	Table Guide - Left
135	A1183	Flat Table Pull Pin
136	A1184	Flat Paper Stop
138	A1186	Paper Back Stop
235	AF106	Cap Screw
244	AF130	Flat Hd Screw
257	AF171	Fillister Screw
258	AF172	Thumb Screw
266	AF202	Lock Washer
289	AF250	Dowel Pin
295	AF256	Dowel Pin
325	A1190	Back Stop Tie Block

10. MACHINE SUB-ASSEMBLIES

SLANT TRAY / FLAT PAPER STOP ASSEMBLY



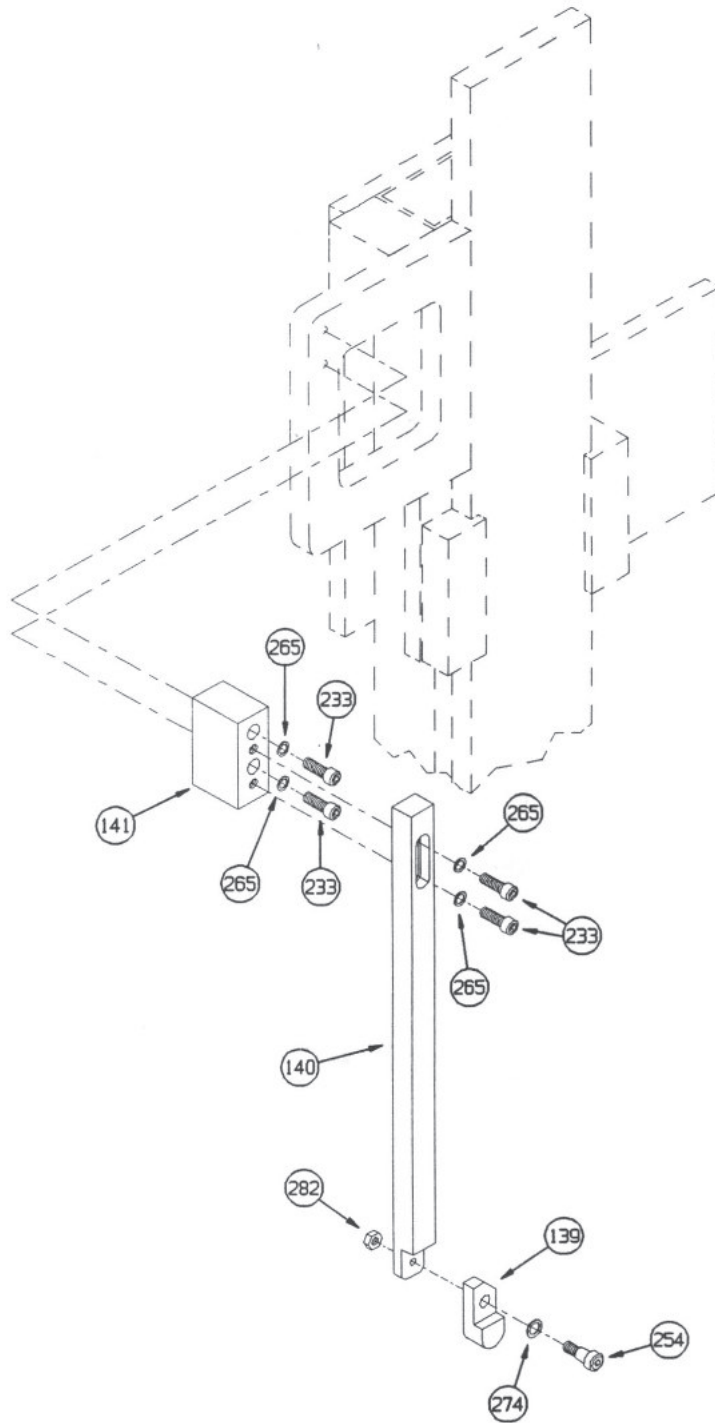
10. MACHINE SUB-ASSEMBLIES

PAPER THICKNESS GAUGE ASSEMBLY

INDEX NO.	PART NO.	PART NAME
139	A1187	Paper Adj Contact
140	A1188	Paper Adj Arm
141	A1189	Paper Adj Mtg Block
233	AF104	Cap Screw
254	AF160	Shoulder Screw
265	AF201	Lock Washer
274	AF218	Curved Spring Washer
282	AF230	Nut

10. MACHINE SUB-ASSEMBLIES

PAPER THICKNESS GAUGE ASSEMBLY



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10. MACHINE SUB-ASSEMBLIES

SPOOL RACK ASSEMBLY

INDEX NO.	PART NO.	PART NAME
142	A1191	Spool Rack Bar - 4
143	A1192	W/G Spring Mtg Bar
144	A1193	Spool Rack Arm - Right
145	A1194	Spool Rack Arm - Left
146	A1195	Spool Spindle
147	A1196	Spool Spindle Collar
149	A1198	Spool Spring
150	A1199	Wire Guide Bracket
214	A1272	Wire Guide Wheel - 8
215	A1273	Spool Bar - 8
233	AF104	Cap Screw
234	AF105	Cap Screw
247	AF133	Flat Hd Screw
256	AF170	Thumb Screw
265	AF201	Lock Washer
281	AF227	Spool Spring Washer
320	17291A	Wire Straightener Plate
321	18150A	Wire Guide Spring
322	2245	Spool Washer
323	7155	Spool Stud

NOTE: PARTS #7155, #A1272 AND #A1273 ARE INCLUDED WITH MACHINE WHEN FURNISHED WITH 5 OR MORE HEADS.

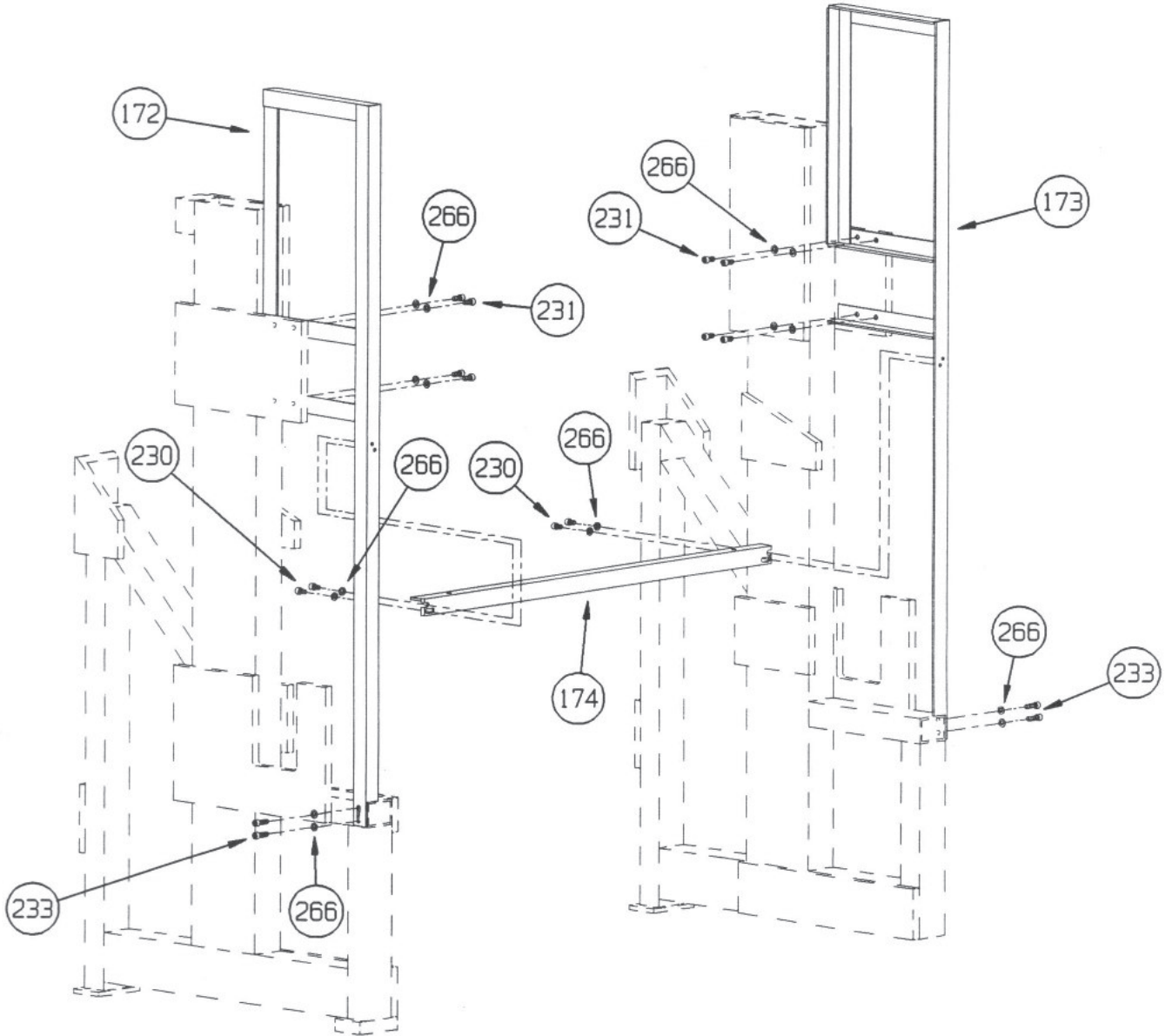
10. MACHINE SUB-ASSEMBLIES

HOUSING FRAME ASSEMBLY

INDEX NO.	PART NO.	PART NAME
172	A1221	Housing Frame - Right
173	A1222	Housing Frame - Left
174	A1223	Housing Frame Brace
230	AF101	Cap Screw
231	AF102	Cap Screw
233	AF104	Cap Screw
266	AF202	Lock Washer

10. MACHINE SUB-ASSEMBLIES

HOUSING FRAME ASSEMBLY



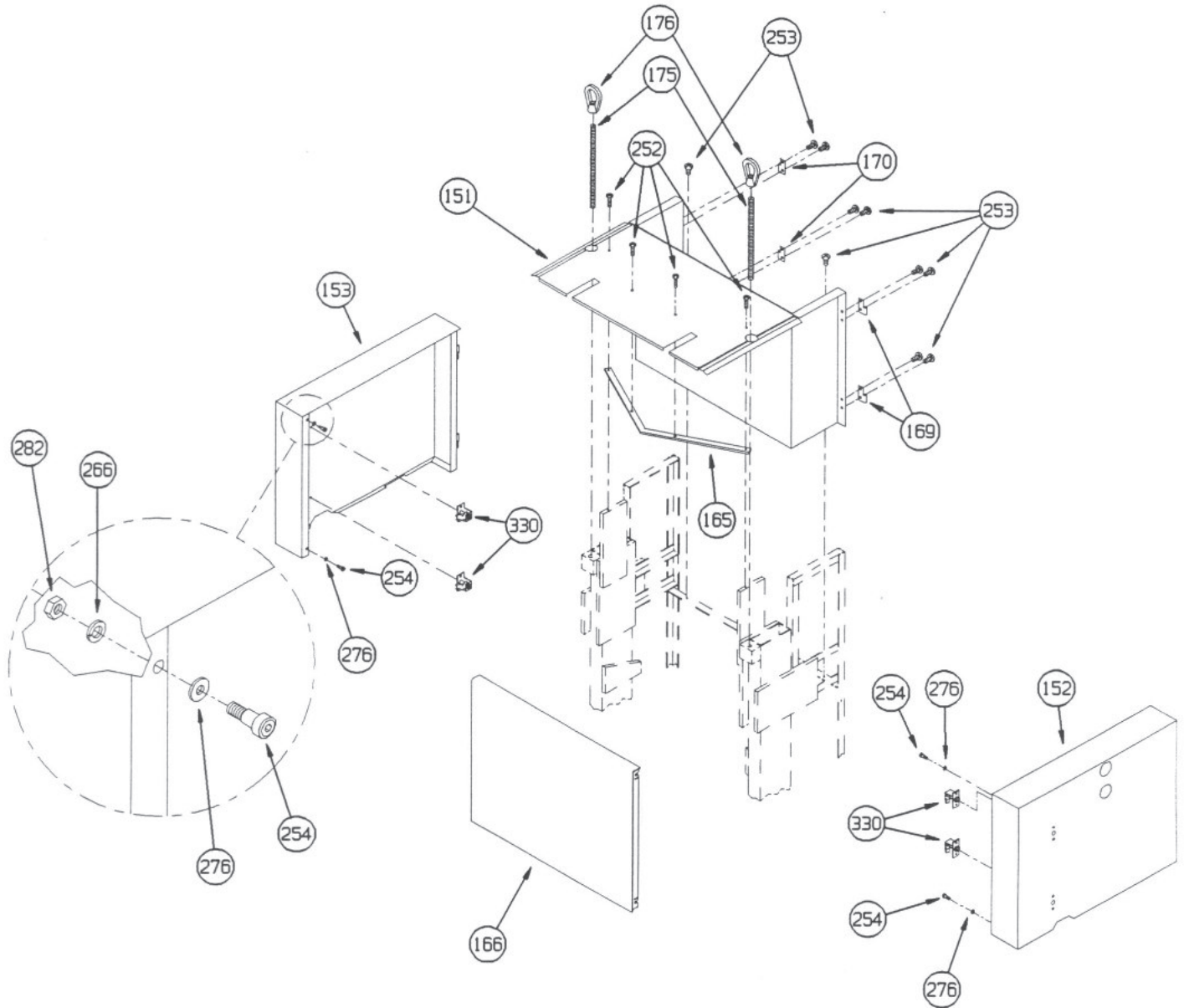
10. MACHINE SUB-ASSEMBLIES

UPPER HOUSING ASSEMBLY

INDEX NO.	PART NO.	PART NAME
151	A1200	Top Cover Assembly
152	A1201	Upper Side Panel - Right
153	A1202	Upper Side Panel - Left
165	A1214	Cover Support Bracket
166	A1215	Safety Shield
169	A1218	Cabinet Hinge - Right
170	A1219	Cabinet Hinge - Left
175	A1224	Shipping Rod
176	A1225	Shipping Eye Bolt
252	AF152	Pan Hd Screw
253	AF153	Pan Hd Screw
254	AF160	Shoulder Screw
266	AF202	Lock Washer
276	AF221	Flat Washer
282	AF230	Nut
330	A1270	Door Latch

10. MACHINE SUB-ASSEMBLIES

UPPER HOUSING ASSEMBLY



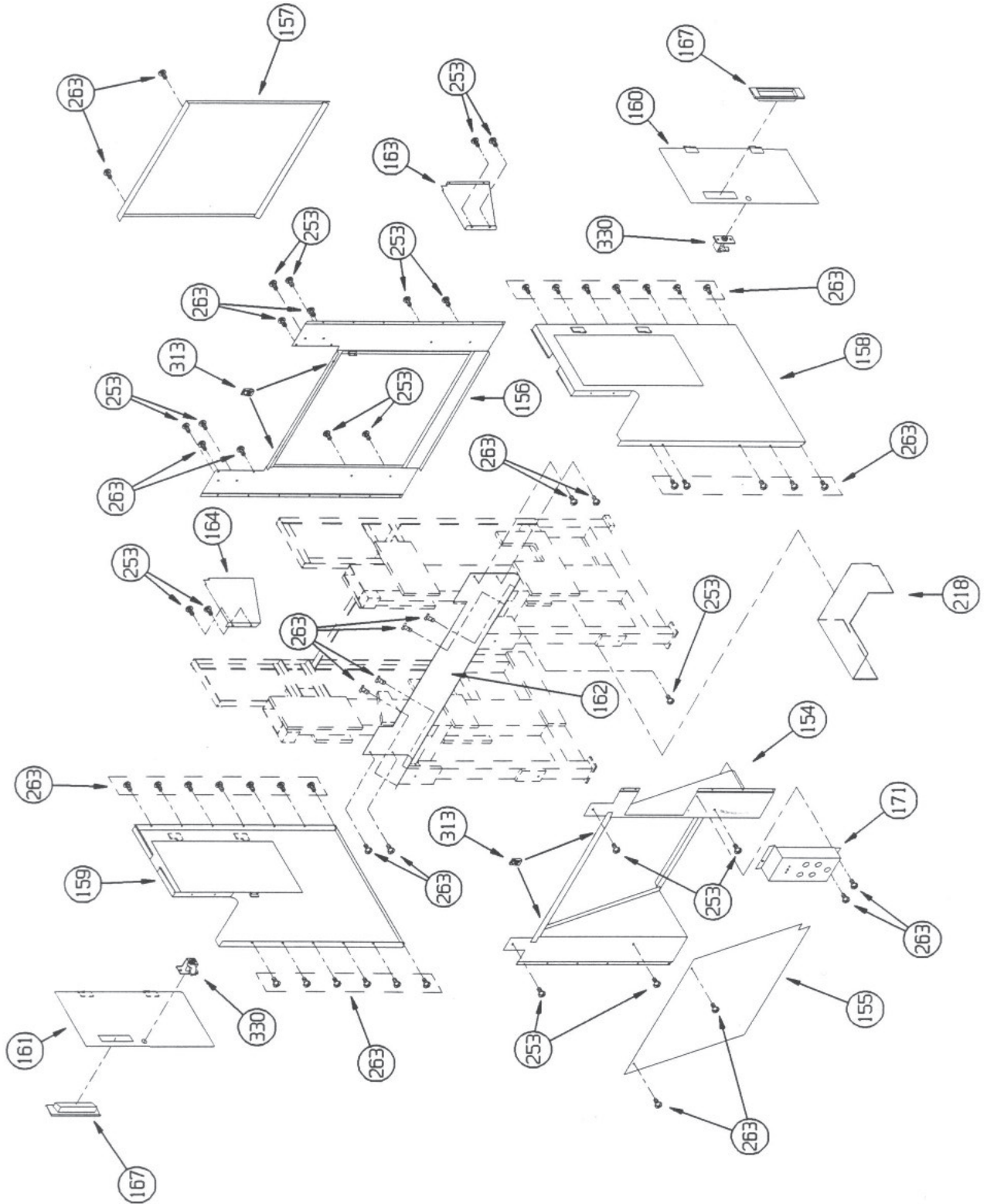
10. MACHINE SUB-ASSEMBLIES

LOWER HOUSING ASSEMBLY

INDEX NO.	PART NO.	PART NAME
154	A1203	Front Lower Main Panel
155	A1204	Front Lower Door Panel
156	A1205	Rear Lower Main Panel
157	A1206	Rear Lower Door Panel
158	A1207	Lower Side Panel - Right
159	A1208	Lower Side Panel - Left
160	A1209	Lower Door Panel - Right
161	A1210	Lower Door Panel - Left
162	A1211	Trough Cover
163	A1212	Tray Shield - Right
164	A1213	Tray Shield - Left
167	A1216	Pocket Pull
171	A1220	Control Box
218	A1293	Electrical Cover
253	AF153	Pan Hd Screw
263	AF190	Self Tapping Screw
313	AF310	U-Type Fastener
330	A1270	Door Latch

10. MACHINE SUB-ASSEMBLIES

LOWER HOUSING ASSEMBLY



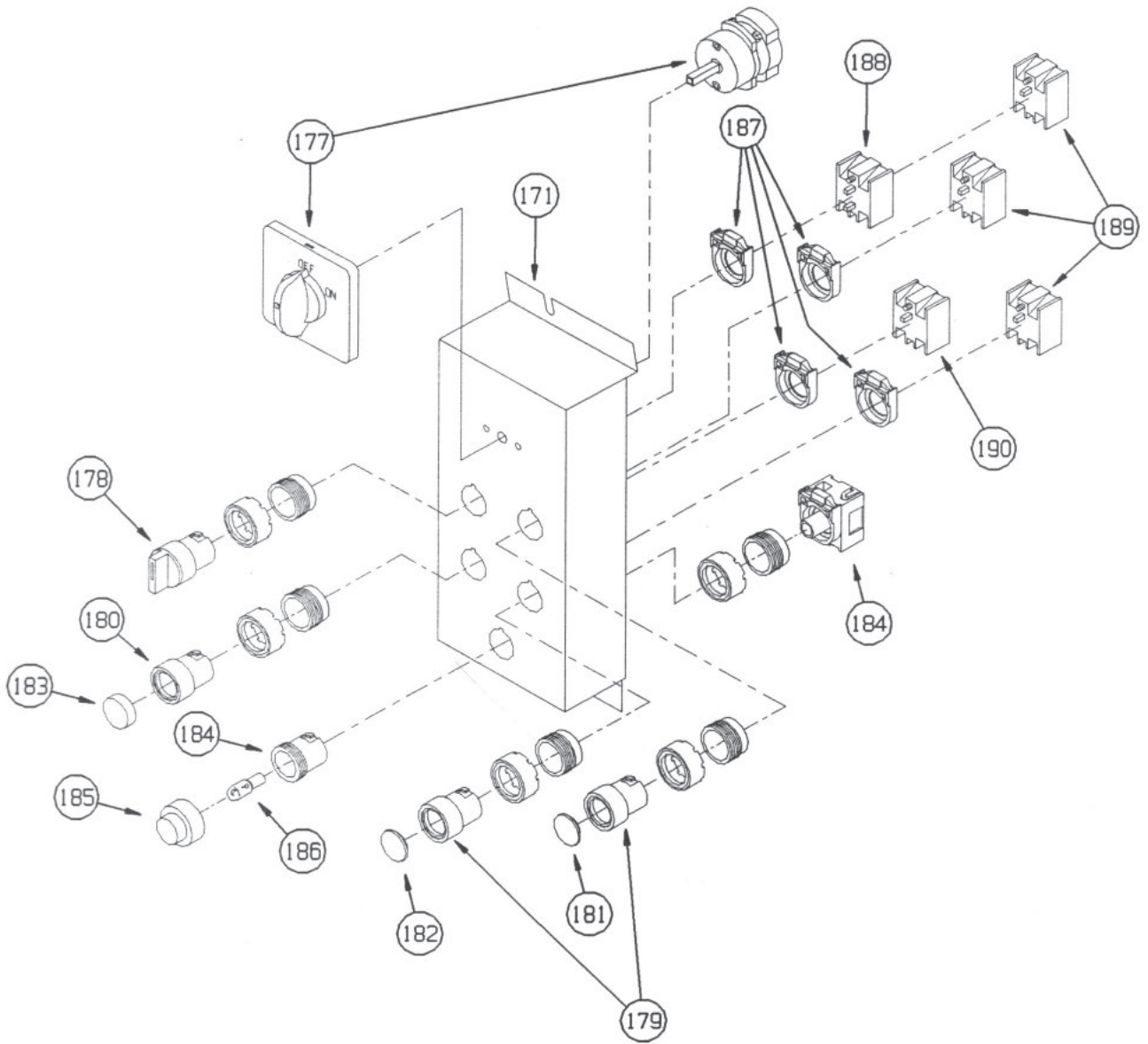
10. MACHINE SUB-ASSEMBLIES

CONTROL BOX ASSEMBLY

INDEX NO.	PART NO.	PART NAME
171	A1220	Control Box
177	A1226	Rotary Cam Switch
178	A1227	Selector Switch
179	A1228	Jog/Start Button
180	A1229	Stop Button
181	A1230	Black P/B Cap
182	A1231	Green P/B Cap
183	A1232	Red P/B Cap
184	A1233	Light Socket
185	A1234	Yellow Lens
186	A1235	Light Bulb
187	A1236	Mounting Flange
188	A1237	Contact Block - SPDT
189	A1238	Contact Block - NO
190	A1239	Contact Block - NC

10. MACHINE SUB-ASSEMBLIES

CONTROL BOX ASSEMBLY



10-31A

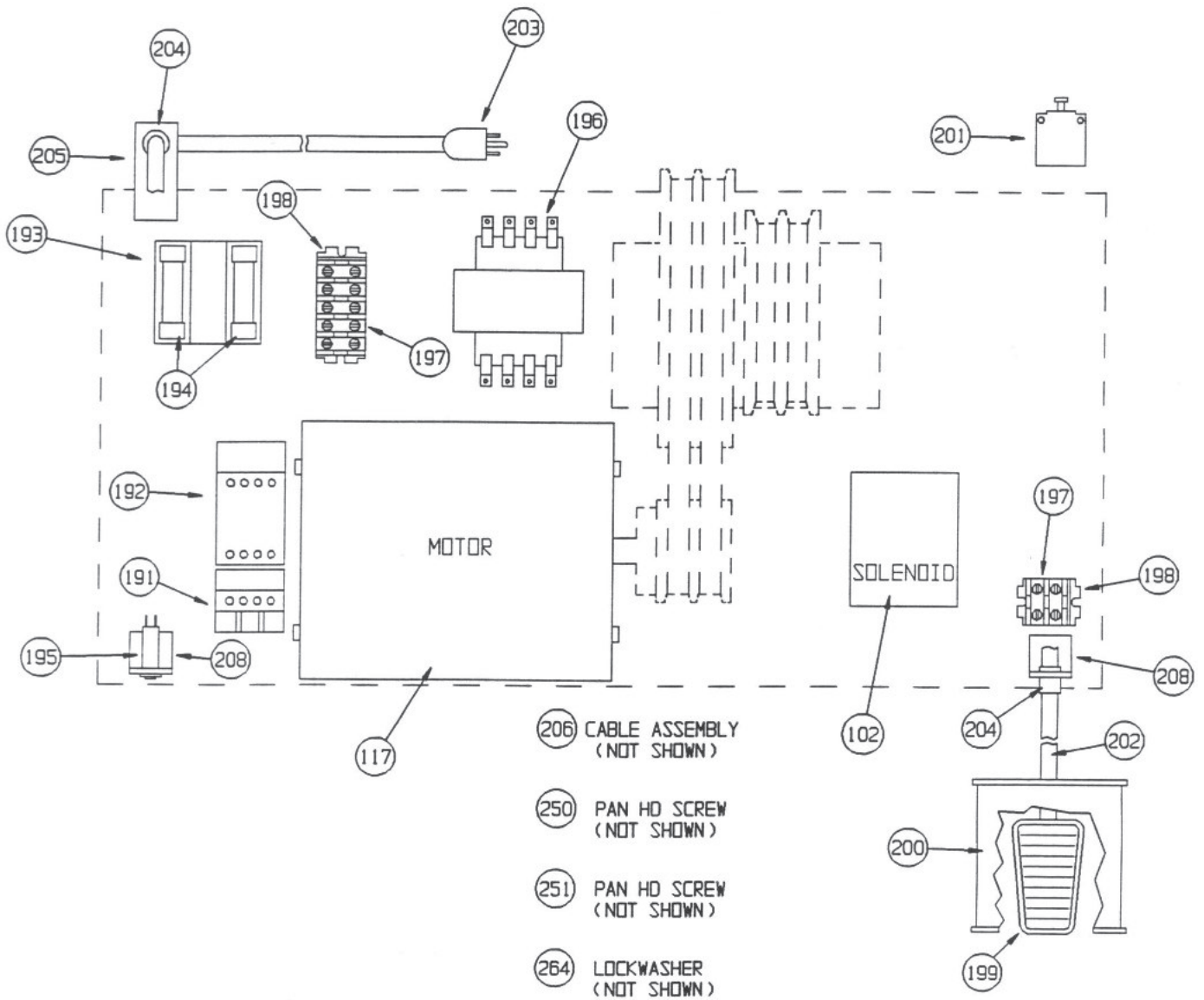
10. MACHINE SUB-ASSEMBLIES

ELECTRICAL COMPONENT ASSEMBLY

INDEX NO.	PART NO.	PART NAME
191	A1240	Connector - lec Mag
192	A1241	Overload Relay
193	A1242	3 Pole Fuse Block
194	A1243B	Fuse - 9A/220V
195	A1244	Circuit Breaker
196	A1245	Transformer
197	A1246	Terminal Block Segment
198	A1247	Terminal Block End
199	A1248	Foot Switch
200	A1249	Foot Switch Guard
201	A1250	Door Interlock Switch
202	A1251	Foot Switch Cable
203	PG10410	Power Cable,220V
204	A1253	Cord Relief Bushing
205	A1254	Power Cable Bracket
206	A1255A	Cable Assembly
	* A1258	Cable Tie
	* A1259	Cable Tie Block
	* A1278	Black Wire
	* A1279	Red Wire
	* A1280	White Wire
	* A1281	Female Terminal
	* A1282	Terminal - #8
	* A1285	Female Disconnect
	* A1286	Terminal - #8
208	A1257	Cable Bracket
250	AF150	Pan Hd Screw
251	AF151	Pan Hd Screw
264	AF200	Lock Washer

10. MACHINE SUB ASSEMBLIES

MOTOR DRIVE ASSEMBLY



NOTES:

NOTES:

NOTES:

REGISTRATION

To better service your wire stitching needs, please take a moment to fill out and return this registration card.

CUSTOMER

Name : _____ (First) _____ (Middle Initial) _____ (Last)
Company : _____
Street Address : _____
City : _____ State/Province : _____ Zip : _____
Country : _____
Phone : _____ Fax : _____ E-mail : _____

PRODUCT

Machine(s) Purchased : _____
Serial Number(s) : _____
With Head(s) : _____ (Type/Quantity Purchased)
Serial Number(s) : _____
Head(s) Purchased : _____
Serial Number(s) : _____

DEALER

Date Received : _____
Dealer Name : _____
Dealer Street Address : _____
City : _____ State/Province : _____ Zip : _____
Country : _____
Dealer Phone : _____

Other Bindery Products Used : _____

Please take a moment to fill out the attached card and mail it to DeLuxe Stitcher Company, Inc. In addition, duplicate the information for your records to assist when making further inquiries.

PRODUCT

Machine(s) Purchased : _____
Serial Number(s) : _____
With Head(s) : _____ (Type/Quantity Purchased)
Serial Number(s) : _____
Head(s) Purchased : _____
Serial Number(s) : _____

DELUXE STITCHER GRAPHIC ARTS REPRESENTATIVE

Date Received : _____
Dealer Name : _____
Dealer Street Address : _____
City : _____ State/Province : _____ Zip : _____
Country : _____
Dealer Phone : _____

Would you like information sent to you about new products that would benefit your company? Yes No

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STAMP
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