



Patent Number

5,904,240

6,186,318

MODEL NUMBER

SERIAL NUMBER

MOTOR MODEL NUMBER

MOTOR SERIAL NUMBER



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LIMITED WARRANTY

Pax Products Inc. (the "Company") warrants to the original purchaser of each Pax Conveyor that the conveyor will be free from defects in material and workmanship, under normal and proper installation, use and maintenance in accordance with the Company's instructions, for a period of 90 days after the date of shipment from the Company's plant.

Purchaser's exclusive remedy and the Company's sole liability under the above warranty or in connection with any other claim relating to the Pax Conveyor shall be limited to repair, or at the Company's option, the replacement or refund of the purchase price, of any Conveyor or part or component thereof which is returned to the Company freight prepaid and which is defective in material or workmanship. Defective Conveyors or parts or components thereof which the Company replaces become the property of the company. All Conveyors or parts or components thereof which are returned to the purchaser will be returned freight collect.

EXCEPT AS EXPRESSLY STATED ABOVE, THE COMPANY MAKES NO WARRANTY, EXPRESSED OR IMPLIED, WHETHER OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR USE OR OTHERWISE ON ANY CONVEYOR OR ANY PARTS OR LABOR FURNISHED DURING THE SALE, DELIVERY, OR SERVICING OF ANY CONVEYOR.

IN NO EVENT SHALL THE COMPANY BE LIABLE TO ANY PURCHASER OR PERSON CLAIMING THROUGH ANY PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR AS A RESULT OF THE SALE, DELIVERY, NONDELIVERY, SERVICING, USE, OR LOSS OF USE OF ANY PAX CONVEYOR OR PART THEREOF OR FOR ANY CHARGES OR EXPENSES OF ANY NATURE INCURRED WITHOUT THE COMPANY'S WRITTEN CONSENT EVEN THOUGH THE COMPANY HAS BEEN NEGLIGENT. IN NO EVENT SHALL THE COMPANY'S LIABILITY UNDER ANY CLAIM MADE BY ANY PURCHASER OR PERSON CLAIMING THROUGH ANY PURCHASER EXCEED THE PURCHASE PRICE OF THE PAX CONVEYOR OR PART OF COMPONENT THEREOF IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

Purchaser shall promptly inspect each conveyor upon receipt. Claims under the above warranty shall be made by contacting the Company at P.O. Box 257, 5097 Monroe Rd. Celina, OH 45822. Attn: Service Department (1-800-733-6930) or (419) 586-6948. No claim under the above warranty will be allowed unless made 10 days after the date of the warranty period on which the defect is or should have been discovered by the purchaser.



DESIGN CHANGES

Consistent with sound engineering principals and recognized practices, Pax Products Inc. reserves the right to discontinue or change specifications, designs, and materials at any time without notice.

Design differences or changes that exist between the conveyor received and the conveyor illustrated in the manual are the result of design improvements or special arrangements contracted for at the time of purchase. Every effort is made to keep the manual consistent with the majority of the systems supplied.



SAFETY

UNDER NO CIRCUMSTANCES SHOULD THE PAX CONVEYOR OR ANY COMPONENT BE PLACED IN SUCH A MANNER THAT COULD CAUSE POSSIBLE PERSONAL INJURY OR DAMAGE TO ANY EQUIPMENT.

UNDER NO CIRCUMSTANCES SHOULD ANY PAX CONVEYOR BE OPERATED WITHOUT THE CHAIN COVER AND DRIVE ROLLER COVER IN PLACE AND PROPERLY SECURED.

KEEP HANDS, LOOSE CLOTHING, JEWELRY ETC., AWAY FROM DISCHARGE END OF CONVEYOR AT ALL TIMES.

DUE TO POSSIBLE REMOTE PAX CONVEYOR CONTROLS, CONVEYOR MAY START OR STOP WITHOUT WARNING.

MAKE SURE POWER IS DISCONNECTED BEFORE SERVICING, TROUBLESHOOTING OR MOVING ANY PAX CONVEYOR.

NEVER REACH BETWEEN THE CONVEYOR AND THE DIE WHILE THE CONVEYOR OR THE PRESS IS IN OPERATION.

CONVEYORS SHOULD BE PLACED SO THAT NO COMPONENT OR COMBINATION OF COMPONENTS INTERFERE WITH THE NORMAL OPERATION OF ANY MACHINE.

MOST OF THE CONVEYOR WEIGHT IS LOCATED AT THE MOTOR END. USE CAUTION WHEN PHYSICALLY MOVING CONVEYORS.

CONVEYOR INSTALLATION

SECTION 1: PHYSICAL PLACEMENT

The Pax Conveyor was specifically designed for under the die material removal. The preferred conveyor placement is shown in Figure 1. After the die is fastened in place, the conveyor is slid on top of the bolster between the parallels under the die. The discharge end of the conveyor should extend over the bolster enough so that the tray of the conveyor lies flat on the bolster. It may be necessary to use clamps or magnetic bases (available from Pax) to keep the conveyor from moving on the bolster. See Accessories (Page 26) in the Parts List section of this manual for magnetic base information.

It may be necessary to place the conveyors on the bolster before installing the die if there is not sufficient room to slide the conveyor under the parallels. Extreme caution should be used when setting the die over the conveyors to prevent personal injury and damage to the conveyor. It is important to make sure the die clears the conveyor, but it is just as important to insure the die handling device such as chains, forks, rollers etc. clear the die and conveyor while providing a means of removal and attachment. These conveyors should also be secured using clamps, magnetic bases etc.

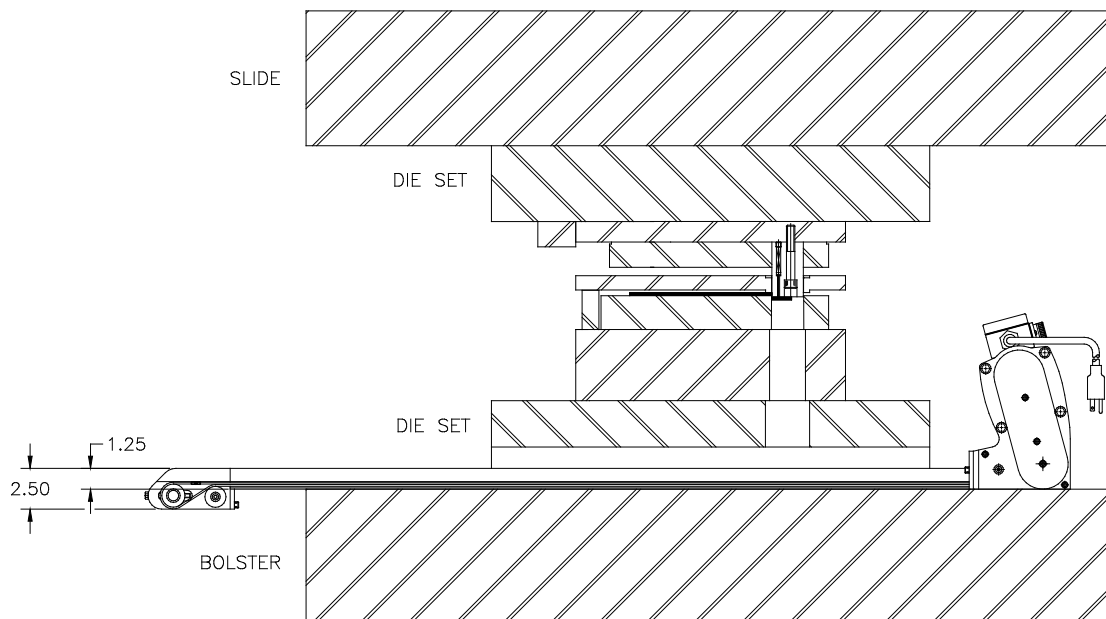


FIGURE 1. PREFERRED CONVEYOR PLACEMENT

SECTION 2: ELECTRICAL REQUIREMENTS

Each Pax Conveyor comes equipped with a power cord for use with an electrical source as indicated on the motor. Use of a power source other than that listed may cause damage to the conveyor motor and will void the warranty. The motor is protected by a 4 Amp fuse. Replacing this fuse with a fuse that has a rating greater than 4 Amps will void the warranty and may cause damage to the conveyor motor.

The Pax Conveyor will start as soon as a power signal is present so make sure the conveyor is clear when plugging the conveyor power cord into a receptacle. The conveyor electrical source may be connected to the press controls so that the conveyor does not start operating until the press starts. It is highly recommended that a time delay relay (ref. Figure 2) be used to keep power to the conveyor for a short time after the press stops. This keeps the conveyor operating so all the material may be removed from under the die. Stopping the conveyor after all the material is removed will reduce unnecessary wear that will occur when operating the conveyor when the press is no longer producing material for the conveyor to remove.

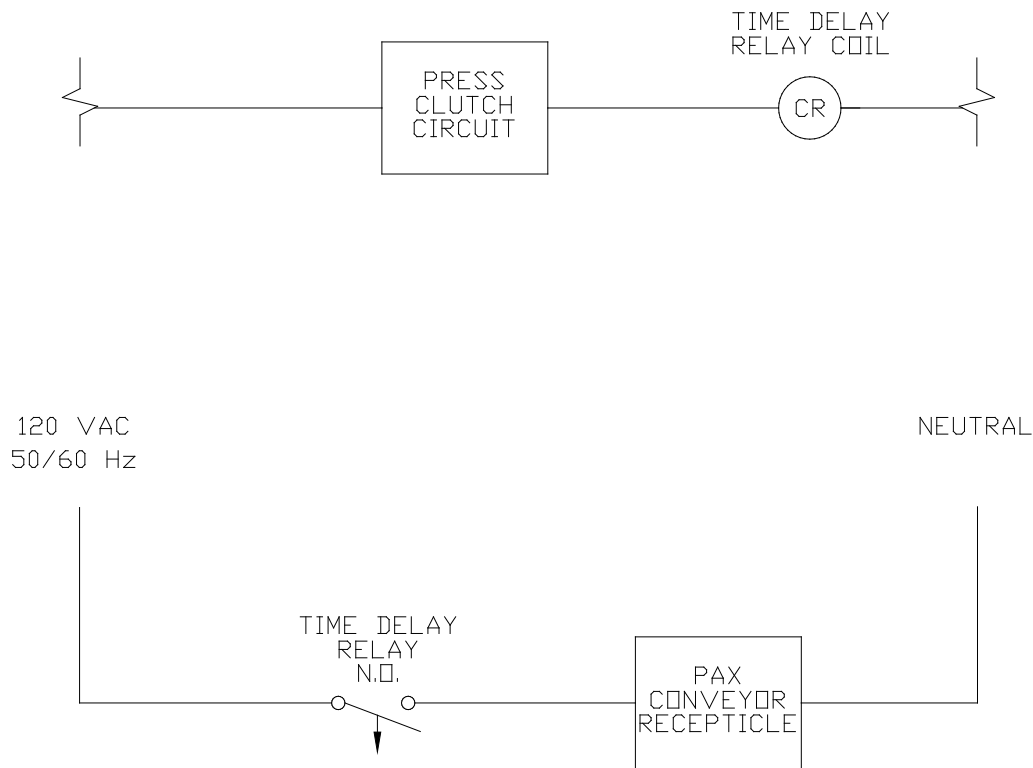


FIGURE 2. TIME DELAY RELAY RECOMMENDED WIRING



SECTION 3: SENSOR CONNECTION (if applicable)

Some conveyors may be equipped with an optional Stop Belt Sensor that detects when there is a loss of belt rotation. This is designed to be connected to the press controls as a safety feature. The purpose of the sensor is to stop the press in the event that the conveyor belt stops moving due to jammed parts, etc. It should be connected from the banana plug receptacle on the conveyor to the sensor board on the die protection package on the press. The sensor option utilizes a reed switch that makes and breaks a contact to ground as the sensor wheel rotates. The sensor makes a ground contact 300 times per minute on a 29 ft./minute belt speed conveyor up to 1100 times on a 108 ft./minute belt speed conveyor. Consult the operational manual of the die protection system for more detail on controlling sensors.

CONVEYOR OPERATION

SECTION 1: CONVEYOR OPERATION

The primary function of the Pax Conveyor is to remove material from under the die and is specially designed for the stamping environment. The rugged construction will tolerate the abuse commonly found in the stamping environment. A totally enclosed and sealed motor will withstand the flooding of coolant. The belt is rugged enough to handle the constant dropping of parts on the tray. It also resists tearing caused by sharp material. If the belt becomes worn on one side it can be reversed and reused.

A special feature of the Pax Conveyor is its low profile. Only 2 1/2" height is needed to slide the conveyor under the die on to the bolster. Once properly in place, the top of the tray is 1.25" above the bolster. (ref. Figure 1 conveyor installation).

The standard Pax conveyor moves material in one direction (away from the motor end *) and at a selected preset speed. The belt speed can be changed by changing the sprockets or by changing to a gear motor with a different output rpm. (see Table 1, page 30)

A roller chain is used to transmit the power from the gear motor sprocket to the drive pulley sprocket. This sprocket and the drive pulley are connected by a shaft. The conveyor belt wraps around the drive pulley, the idler pulley and the tension pulley.

Friction moves the belt as the drive pulley rotates. As the belt tension increases, the amount of friction between the belt and the drive roller increases. When the load on the conveyor belt is greater than the amount of friction, the belt will slip as the drive pulley continues to rotate.

With proper belt tension (see Maintenance section page 13), the belt will slip when the load exceeds 20#. This protects the motor from burnout and minimizes the stretching and damage to the belt. A 20 # force on the belt usually indicates that there is a part jammed or something else potentially damaging to the die is occurring.

- * The Pax Conveyor can be configured with an inverted (motor below the belt) drive. This configuration can be arranged to allow material to be moved either toward or away from the motor. Please contact Pax Products, Inc. or an authorized Pax Representative for more details.

SECTION 2: SENSOR OPERATION

Adding the Sensor Option to the Pax Conveyor allows a stopped belt condition on the conveyor to stop the press until the problem has been corrected. This will save the conveyor as well as the die. A reed switch senses motion of a magnetic wheel that is connected to the idler pulley shaft. When the belt stops, the idler pulley will also stop. The reed switch senses the loss of rotation and when properly connected to the die protection circuit (See Conveyor Installation section 3 page 10) it will top stop the press. When the reed switch senses rotation of the idler shaft, the press can be run again.

In an ideal operating environment, the conveyor will start when the press begins to cycle. This can be done by connecting the power to the conveyors through the clutch circuit of the press. The conveyor will run continuously until the press stops cycling. After the press stops, the conveyor should run long enough to clear all material from under the die. This can be achieved by using a time delay relay (See Figure 2 page 9).

MAINTENANCE

SECTION 1: BEARINGS

Pax conveyors use sealed needle bearings and are pre-lubed to provide smooth operation of rotating components. To improve performance and life expectancy, the ends of the shafts are conveniently fitted with flush mounted grease fittings.

There are two reasons why it is important to grease the bearings regularly. One is to insure that lubrication for the bearings is provided and the other is to flush any contaminants that are often found in the stamping environment.

There are four pulley shafts with a total of 8 bearings. It is recommended that all 8 bearings be lubricated at least once each month for normal use of the conveyor. If the conveyor is used where excessive lubricant is applied (flooding), then it is recommended that all of the bearings be lubricated once a week.

The four pulley shafts are shown in Figures 4 and 7 on pages 23 and 29 respectively, and in figure 5 on page 25. There is a grease fitting inserted on each end of all four pulley shafts. Six of the fittings are easily accessible as they are not covered. Two of the fittings require the removal of a 1/8" NPT pipe plug located in the chain cover and the sensor cover if sensor is present. Removing the pipe plug permits access to the fittings. Refer to item #25 in Figure 4 on page 23 and item #6 in Figure 7 on page 29.

The recommended grease to be used is Shell ALVANIA EP Grease 2 or equivalent. A needle point nozzle must be used on the grease gun (available from Pax) to insure proper application.

SECTION 2: BELT

The belt should routinely be cleaned and inspected for signs of wear. The lacing and connecting pin should also be checked for defects such as the laces separating from the belt. The most effective routine is to inspect the conveyor after every use.

Should the top side of the belt show signs of wear, the belt can be reversed. If the belt is torn, cracked, or otherwise deteriorated, it should be replaced immediately with a new belt.

The tension of the belt should be set so twenty pounds will cause the belt to hesitate or stutter. The tracking should be checked and adjusted as needed. Procedures for changing the belt and adjusting the tracking and tension are detailed in sections 4 & 5.



SECTION 3: DRIVE TRAIN:

WARNING: Disconnect power before removing the chain cover. Do not lubricate roller chain while conveyor is running. After lubricant has been applied, replace the chain cover and secure before operating the conveyor.

The gear motor does not require that oil be added to the gear box. The roller, chain located inside the chain cover, is lubricated at the factory. However, to insure efficient operation, it is recommended that periodically the chain should be inspected and a light coat of chain grease be applied.

Remove the two screws securing the chain cover to the conveyor. The chain cover can then be pulled off exposing the chain (Refer to Figure 4 page 23). The roller chain should be lubricated every month .

With the chain cover off, also inspect the tension in the chain and the condition of the sprockets. The sprockets should not be pitted or have teeth that are bent. Replace damaged sprockets.

SECTION 4: BELT REPLACEMENT

We understand that down time is costly, so the Pax Conveyor was designed for quick belt replacement. The following procedures should be followed in the sequence listed (Refer to Figures 4 and 5 pages 23 and 25)

- 1) Stop the conveyor so that the laces and connecting pin in the belt can be removed through the slot located in the tension end bracket.
- 2) Disconnect the power to the conveyor. An electrical Lockout/Tagout device is recommended.
- 3) Using a 7/16" wrench; relieve belt tension by turning the two tension adjustment screws counter-clockwise.
- 4) Using a 3/16" Allen wrench; remove the 4 screws that fasten the drive pulley cover. Remove the drive pulley cover.
- 5) Needle nose pliers can be used to pull the connecting pin through the slot and out of the laces.
- 6) Grab the belt behind the drive pulley and pull it out of the conveyor.

- 7) Insert one end of new belt over the drive pulley and the other end under the drive pulley. Slide both ends of the belt under the idler pulley and then on top of the conveyor tray. Make sure both ends are contained within the groove on the bottom of the conveyor tray.
- 8) Pull both ends of the belt to the end of tray until the belt is tight against drive pulley. Place one end of the belt under the tension pulley and the other end over the tension pulley.
- 9) Make sure edges of the belt are aligned and the two belt ends are together so the laces interlock. Slide the connecting rod through the side slot and through the laces. Insure the connecting rod is centered on the laces.
- 10) Replace the drive pulley cover and secure.
- 11) Tighten the tension adjustment bolts evenly until the slack is removed from the belt. Do not over tighten as the belt is designed to slip with a 20 pound weight on the belt.
- 12) Make sure there are no objects on the belt and it is clear to operate. Connect the power source.
- 13) Continue with section 5, for belt tension and track adjustments.

SECTION 5: BELT TENSION AND TRACKING

Proper belt tension and tracking are the key elements for efficient performance of the Pax Conveyor. Too much tension may cause damage to the motor, belt, drive train or even the die. Too little tension may cause the belt to slip when it is not supposed to slip. Improper tracking may cause excessive belt wear and/or possible belt stretch.

The following steps need to be followed in sequence to ensure proper adjustment of belt tension and tracking:

- 1) Loosen the tension adjustment bolts evenly until there is little or no tension on the belt.
- 2) Make sure the conveyor is clear to operate and turn on the conveyor motor. Tighten the tension screws until the belt moves smoothly.



- 3) Visually check the belt tracking by viewing the belt during operation. Look along the edge of the belt. The belt should travel near the center of the tray.
- 4) If it appears to be running against one side of the tray more than the other, Then tighten the tension screw on the side it is rubbing against and loosen the opposite side an equal amount. Continue tightening and loosening until the belt is centered.
- 5) Now check the belt tension by placing a 20 pound load on the belt. If the belt stops, remove the load and tighten BOTH tension screws 1/8 to 1/4 turn. If the belt does not slow down or partially stall, remove the load and loosen BOTH tension screws 1/8 to 1/4 turn. A properly tensioned belt will slow down or partially stall under a 20 pound load.
- 6) Re-check belt tracking (see step 3). If belt is tracking properly, then belt tracking and tension have successfully been completed. If belt does not track properly, repeat steps 4, 5, and 6.

SECTION 6: GENERAL

The Pax Conveyor should routinely be cleaned and inspected for wear or damage. A good time to do this may be during die changes. A routine inspection should cover the following:

- 1) Make sure the power cord has no exposed wires or visible signs of damage to the cord. Inspect the plug and where the cord connects to the motor for damage.
- 2) Make sure all the fasteners are tight. Since conveyors are used in high vibration environments, a fastener may vibrate loose. Use caution not to overtighten bolts that are threaded into aluminum.
- 3) Insure the chain cover and drive pulley cover are in good working order and securely fastened in place. These protective covers must remain in place at all times during operation.
- 4) Clean the conveyor using a solvent or mild soap and water. Do not use abrasive cleaners or harsh chemicals such as acids or strong bases.
- 5) Inspect the belt for wear, tracking, and proper tension.

- 6) Inspect the tray for dents or damage that may impede performance of the conveyor. If necessary, replace the tray and/or polyethylene strip to insure proper performance.
- 7) This is a good opportunity to purge the grease (which may or may not be contaminated) from the bearings. By installing new grease often you extend the expected life of the conveyor and reduce any possible bearing problems.



TROUBLESHOOTING GUIDE

WARNING: DO NOT OPERATE PRESS DURING TROUBLE SHOOTING.

MECHANICAL

Problem	Probable Cause	Solution
Motor running belt not moving	Material jam- normal safety function.	Turn off conveyor, clear jam, reconnect power.
	Too little tension.	See maintenance section for proper tensioning.
	Broken roller chain.	Install new link or replace chain.
	Slugs between conveyor belt and tray.	Remove belt to clear away slugs.
	Set screw loose or missing on sprocket.	Remove chain cover, tighten or replace set screw.
	20# maximum load exceeded.	Change gearing to increase belt speed
	Set screw loose or missing on drive pulley.	Remove belt, tighten or replace set screw - 2 places.

Belt moving erratically	Too little tension.	See maintenance section for proper tensioning.
	Slugs between conveyor belt and tray.	Remove belt and clear away slugs.
	Belt not tracking properly.	See maintenance section for tracking instructions.
	Roller chain loose.	Remove link or replace with new chain.
	Worn bearings.	Replace bearings that are worn and grease more frequently.
	Fasteners not properly tightened	Tighten fasteners connecting tray to rest of conveyor.

ELECTRICAL

Problem	Probable Cause	Solution
Motor does not run.	Power disconnected from the source.	Plug cord into "hot" receptacle. Test for power at source- press controls etc.
	Fuse on conveyor is blown.	Replace fuse. NOTE: 4 AMP MAXIMUM.
	Power cord shorted out.	Replace power cord
	Motor burned out.	Replace motor and check for proper belt tension.

SENSOR OPTION:

Problem	Probable Cause	Solution
Conveyor shuts press off when belt is moving.	Sensor plug disconnected from sensor jack on conveyor or at press control panel.	Place plug into sensor jack.
	Sensor wheel not turning.	Tighten set screw on sensor wheel and/or idler pulley. Check that idler pulley and shaft rotate freely.
	Bad sensor assembly on conveyor.	Replace with new sensor assy.

If there are any problems that occur that are not listed above, please call your Pax sales representative or call the factory direct and ask for technical assistance at 1-800-733-6930 or (419) 586-6948.

PARTS LIST:

ORDER REPAIR AND REPLACEMENT PARTS FROM:

PAX PRODUCTS INC.
P.O. BOX 257
5097 MONROE RD.
CELINA, OHIO 45822
1-800-733-6930 PHONE
(419) 586-6948 PHONE
(419) 586-6932 FAX

PLEASE PROVIDE THE MODEL NUMBER AND SERIAL NUMBER WHEN ORDERING

NOTE: SUBSTITUTING PARTS NOT AUTHORIZED BY PAX PRODUCTS, INC. MAY CAUSE A DETERIORATED PERFORMANCE OF THE CONVEYOR AND WILL VOID WARRANTY.

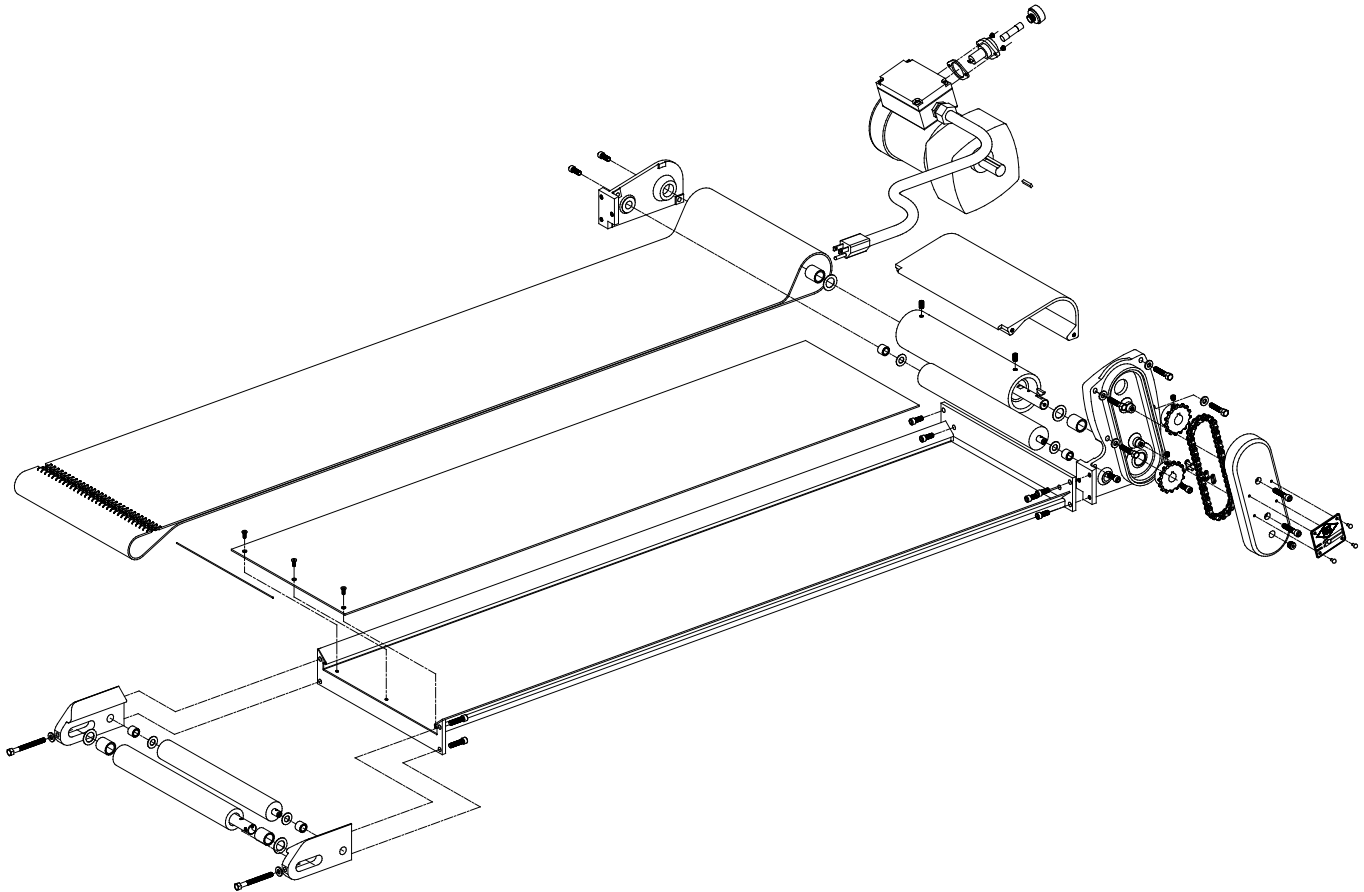


FIGURE 3: GENERAL ASSEMBLY

WIPER OPTION COMPONENTS 5XX-5058-2
(REF. FIGURE 3A)

<u>KEY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
19	03-0138-20	10-32 X 5/8" SHCS	2
20	5XX-5508-1*	WIPER BAR	1
21	5XX-5509-0*	WIPER CARRIER	1
22	5XX-5506-1*	WIPER	1
23	500-5636-0	1/4" DIA. X 1/8" SHOULDER BOLT	2 or 3**
24	500-5634-0	WIPER SPRING	2
25	500-5633-0	WIPER PIN	2

* WHEN ORDERING THESE COMPONENTS, SUBSTITUTE "XX" WITH THE APPROPRIATE DIGITS BELOW ACCORDING TO CONVEYOR WIDTH.

<u>CONVEYOR WIDTH</u>	<u>"XX"</u>	<u>CONVEYOR WIDTH</u>	<u>"XX"</u>
4" WIDE	04	11" WIDE	11
5" WIDE	05	12" WIDE	12
6" WIDE	06	14" WIDE	14
7" WIDE	07	16" WIDE	16
8" WIDE	08	18" WIDE	18
9" WIDE	09	20" WIDE	20
10" WIDE	10		

** 2 REQUIRED FOR CONVEYORS 4" TO 8" WIDE, 3 REQUIRED FOR CONVEYORS 9" TO 20" WIDE.

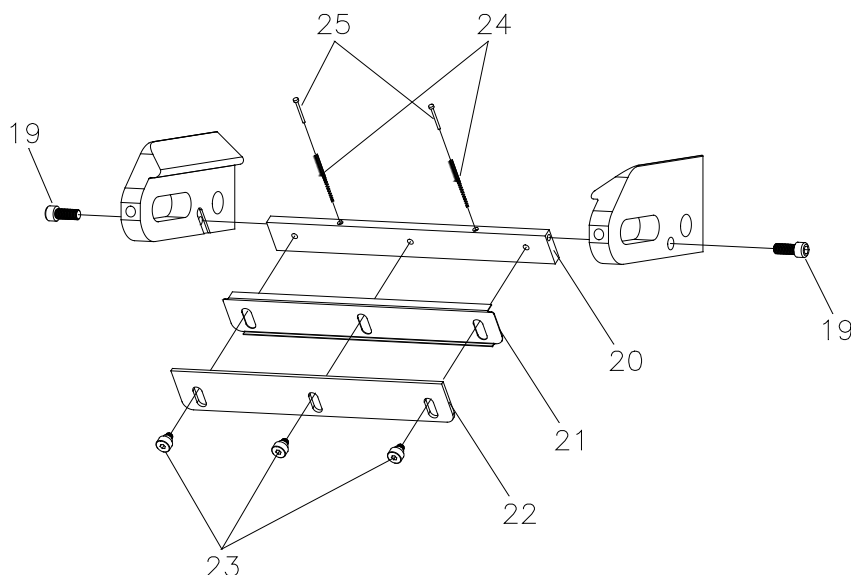


FIGURE 3A. WIPER OPTION COMPONENTS

POWER TRAIN COMPONENTS (REF. FIGURE 4)

KEY	PART NO.	DESCRIPTION	QTY
1	500-5619-0	1/4-20 X 5/8" SHCS	4
2	500-5310-0	LEFT HAND SIDE PLATE	1
	500-5308-0	RIGHT HAND SIDE PLATE (NOT SHOWN)	1
3	500-5801-0	NEEDLE BEARING	2
4	500-5608-0	5/8" X 1" X .031" PLASTIC WASHER	2
5	5XX-5302-0*	DRIVE PULLEY GUARD	1
6	500-5607-0	1/4-20 X 1/2" SET SCREW	2
7	5XX-5030-0*	DRIVE PULLEY	1
8	500-5611-0	WOODRUFF KEY # 605	1
9	5XX-5032-0*	DRIVE PULLEY SHAFT	1
10	500-5802-0	NEEDLE BEARING	2
11	500-5600-0	3/8" X 3/4" X .031" PLASTIC WASHER	2
12	5XX-5055-0*	IDLER PULLEY - DRIVE END (NOT FOR SENSOR OPTION)	1
13	500-5301-0	LEFT HAND MOTOR SIDE PLATE	1
	500-5300-0	RIGHT HAND MOTOR PLATE (NOT SHOWN)	1
14	500-5612-0	1/4-20 X 1/4" SET SCREW	2
15	TABLE 1	TOP DRIVE SPROCKET - 3/4" BORE	1
16	TABLE 1	BOTTOM SPROCKET - 5/8" BORE	1
17	01-0121-22	FLAT WASHER	4
18	500-5610-0	1/4-28 X 1.25" HEX BOLT	4
19	500-9225-0	#35 CHAIN (ORDER BY LINEAR FT.)	1.375'
20	500-5807-0	#35 CONNECTING LINK	1
	500-5808-0	HALF LINK (NOT SHOWN - SEE PAGE 30)	AS NEEDED
21	500-5303-0	CHAIN COVER	1
22	500-5605-0	1/4-20 X 1.25" SHCS	2
23	500-5614-0	MODEL # / SERIAL # TAG	1
24	500-5604-0	#6 X .25" S.S. DRIVE SCREW	4
25	02-1206-20	1/8" NPT PIPE PLUG	1

* WHEN ORDERING THESE COMPONENTS, SUBSTITUTE "XX" WITH THE APPROPRIATE DIGITS BELOW ACCORDING TO CONVEYOR WIDTH.

CONVEYOR WIDTH	"XX"	CONVEYOR WIDTH	"XX"
4" WIDE	04	11" WIDE	11
5" WIDE	05	12" WIDE	12
6" WIDE	06	14" WIDE	14
7" WIDE	07	16" WIDE	16
8" WIDE	08	18" WIDE	18
9" WIDE	09	20" WIDE	20
10" WIDE	10		



POWER TRAIN COMPONENTS (REF. FIGURE 4A)
INVERTED DRIVE – BELT DIRECTION TOWARD MOTOR

<u>KEY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	500-5637-0	1/4-28 X 5/8" SHCS	4
2	500-5321-0	LEFT HAND SIDE PLATE – INVERTED	1
	500-5320-0	RIGHT HAND SIDE PLATE – INVERTED (NOT SHOWN)	1
3	500-5801-0	NEEDLE BEARING	2
4	500-5608-0	5/8" X 1" X .031" PLASTIC WASHER	2
5	5XX-5323-0*	DRIVE PULLEY GUARD - INVERTED	1
6	500-5607-0	1/4-20 X 1/2" SET SCREW	2
7	5XX-5030-0*	DRIVE PULLEY	1
8	500-5611-0	WOODRUFF KEY # 605	1
9	5XX-5032-0*	DRIVE PULLEY SHAFT	1
10	500-5802-0	NEEDLE BEARING	2
11	500-5600-0	3/8" X 3/4" X .031" PLASTIC WASHER	2
12	5XX-5055-0*	IDLER PULLEY - DRIVE END (NOT FOR SENSOR OPTION)	1
13	500-5319-0	LEFT HAND MOTOR SIDE PLATE - INVERTED	1
	500-5318-0	RIGHT HAND MOTOR SIDE PLATE - INVERTED (NOT SHOWN)	1
14	500-5612-0	1/4-20 X 1/4" SET SCREW	2
15	TABLE 1	BOTTOM DRIVE SPROCKET - 3/4" BORE	1
16	TABLE 1	TOP SPROCKET - 5/8" BORE	1
17	01-0121-22	FLAT WASHER	4
18	500-5610-0	1/4-28 X 1.25" HEX BOLT	4
19	500-9225-0	#35 CHAIN (ORDER BY LINEAR FT.)	1.375' 20
	500-5807-0	#35 CONNECTING LINK	1
	500-5808-0	HALF LINK (NOT SHOWN - SEE PAGE 30)	AS NEEDED
21	500-5303-0	CHAIN COVER	1
22	500-5605-0	1/4-20 X 1.25" SHCS	2
23	500-5614-0	MODEL # / SERIAL # TAG	1
24	500-5604-0	#6 X .25" S.S. DRIVE SCREW	4
25	02-1206-20	1/8" NPT PIPE PLUG	1
26	5XX-5510-0*	WIPER CARRIER DRIVE END	1
27	5XX-5506-1*	WIPER	1
28	500-5636-0	1/4" DIA. X 1/8" SHOULDER BOLT	2 or 3 **
29	500-5635-0	INVERTED WIPER SPRING	2

* WHEN ORDERING THESE COMPONENTS, SUBSTITUTE "XX" WITH THE APPROPRIATE DIGITS BELOW ACCORDING TO CONVEYOR WIDTH.

<u>CONVEYOR WIDTH</u>	<u>"XX"</u>	<u>CONVEYOR WIDTH</u>	<u>"XX"</u>
4" WIDE	04	11" WIDE	11
5" WIDE	05	12" WIDE	12
6" WIDE	06	14" WIDE	14
7" WIDE	07	16" WIDE	16
8" WIDE	08	18" WIDE	18
9" WIDE	09	20" WIDE	20
10" WIDE	10		



POWER TRAIN COMPONENTS (REF. FIGURE 4B)
INVERTED DRIVE – BELT DIRECTION AWAY FROM MOTOR

<u>KEY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	500-5637-0	1/4-28 X 5/8" SHCS	4
2	500-5321-0	LEFT HAND SIDE PLATE – INVERTED	1
	500-5320-0	RIGHT HAND SIDE PLATE – INVERTED (NOT SHOWN)	1
3	500-5801-0	NEEDLE BEARING	2
4	500-5608-0	5/8" X 1" X .031" PLASTIC WASHER	2
5	5XX-5323-0*	DRIVE PULLEY GUARD - INVERTED	1
6	500-5607-0	1/4-20 X 1/2" SET SCREW	2
7	5XX-5030-0*	DRIVE PULLEY	1
8	500-5611-0	WOODRUFF KEY # 605	1
9	5XX-5032-0*	DRIVE PULLEY SHAFT	1
10	500-5802-0	NEEDLE BEARING	2
11	500-5600-0	3/8" X 3/4" X .031" PLASTIC WASHER	2
12	5XX-5055-0*	IDLER PULLEY - DRIVE END (NOT FOR SENSOR OPTION)	1
13	500-5319-0	LEFT HAND MOTOR SIDE PLATE - INVERTED	1
	500-5318-0	RIGHT HAND MOTOR SIDE PLATE - INVERTED (NOT SHOWN)	1
14	500-5612-0	1/4-20 X 1/4" SET SCREW	2
15	TABLE 1	BOTTOM DRIVE SPROCKET - 3/4" BORE	1
16	TABLE 1	TOP SPROCKET - 5/8" BORE	1
17	01-0121-22	FLAT WASHER	4
18	500-5610-0	1/4-28 X 1.25" HEX BOLT	4
19	500-9225-0	#35 CHAIN (ORDER BY LINEAR FT.)	1.375'
20	500-5807-0	#35 CONNECTING LINK	1
	500-5808-0	HALF LINK (NOT SHOWN - SEE PAGE 30)	AS NEEDED
21	500-5303-0	CHAIN COVER	1
22	500-5605-0	1/4-20 X 1.25" SHCS	2
23	500-5614-0	MODEL # / SERIAL # TAG	1
24	500-5604-0	#6 X .25" S.S. DRIVE SCREW	4
25	02-1206-20	1/8" NPT PIPE PLUG	1
26	5XX-5326-0*	PULLEY GUARD SHIELD	1
27	500-5620-0	10-32 X 1/4" BHCS	2 or 3 **

* WHEN ORDERING THESE COMPONENTS, SUBSTITUTE "XX" WITH THE APPROPRIATE DIGITS BELOW ACCORDING TO CONVEYOR WIDTH.

<u>CONVEYOR WIDTH</u>	<u>"XX"</u>	<u>CONVEYOR WIDTH</u>	<u>"XX"</u>
4" WIDE	04	11" WIDE	11
5" WIDE	05	12" WIDE	12
6" WIDE	06	14" WIDE	14
7" WIDE	07	16" WIDE	16
8" WIDE	08	18" WIDE	18
9" WIDE	09	20" WIDE	20
10" WIDE	10		



POWER TRAIN COMPONENTS (REF. FIGURE 4C)
EXTENDED TOP DRIVE – BELT DIRECTION TOWARD MOTOR

<u>KEY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	500-5637-0	1/4-28 X 5/8" SHCS	4
2	500-5321-0	LEFT HAND SIDE PLATE – INVERTED	1
	500-5320-0	RIGHT HAND SIDE PLATE – INVERTED (NOT SHOWN)	1
3	500-5801-0	NEEDLE BEARING	2
4	500-5608-0	5/8" X 1" X .031" PLASTIC WASHER	2
5	5XX-5323-0*	DRIVE PULLEY GUARD - INVERTED	1
6	500-5607-0	1/4-20 X 1/2" SET SCREW	2
7	5XX-5030-0*	DRIVE PULLEY	1
8	500-5611-0	WOODRUFF KEY # 605	1
9	5XX-5032-0*	DRIVE PULLEY SHAFT	1
10	500-5802-0	NEEDLE BEARING	2
11	500-5600-0	3/8" X 3/4" X .031" PLASTIC WASHER	2
12	5XX-5055-0*	IDLER PULLEY - DRIVE END (NOT FOR SENSOR OPTION)	1
13	500-5332-0	LEFT HAND EXTENDED MOTOR SIDE PLATE	1
	500-5331-0	RIGHT HAND EXTENDED MOTOR SIDE PLATE (NOT SHOWN)	1
14	500-5612-0	1/4-20 X 1/4" SET SCREW	2
15	TABLE 1	BOTTOM DRIVE SPROCKET - 3/4" BORE	1
16	TABLE 1	TOP SPROCKET - 5/8" BORE	1
17	01-0121-22	FLAT WASHER	4
18	500-5610-0	1/4-28 X 1.25" HEX BOLT	4
19	500-9225-0	#35 CHAIN (ORDER BY LINEAR FT.)	2'
20	500-5807-0	#35 CONNECTING LINK	1
	500-5808-0	HALF LINK (NOT SHOWN - SEE PAGE 30)	AS NEEDED
21	500-5333-0	EXTENDED CHAIN COVER	1
22	500-5605-0	1/4-20 X 1.25" SHCS	3
23	500-5614-0	MODEL # / SERIAL # TAG	1
24	500-5604-0	#6 X .25" S.S. DRIVE SCREW	4
25	02-1206-20	1/8" NPT PIPE PLUG	1
26	5XX-5510-0*	WIPER CARRIER DRIVE END	1
27	5XX-5506-0*	WIPER	1
28	500-5636-0	1/4" DIA X 1/8" SHOULDER BOLT	2 or 3 **
29	500-5635-0	INVERTED WIPER SPRING	2

* WHEN ORDERING THESE COMPONENTS, SUBSTITUTE "XX" WITH THE APPROPRIATE DIGITS BELOW ACCORDING TO CONVEYOR WIDTH.

**THREE BOLTS NEEDED IF WIDTH IS 9 INCHES OR WIDER.

<u>CONVEYOR WIDTH</u>	<u>"XX"</u>	<u>CONVEYOR WIDTH</u>	<u>"XX"</u>
4" WIDE	04	11" WIDE	11
5" WIDE	05	12" WIDE	12
6" WIDE	06	14" WIDE	14
7" WIDE	07	16" WIDE	16
8" WIDE	08	18" WIDE	18
9" WIDE	09	20" WIDE	20
10" WIDE	10		

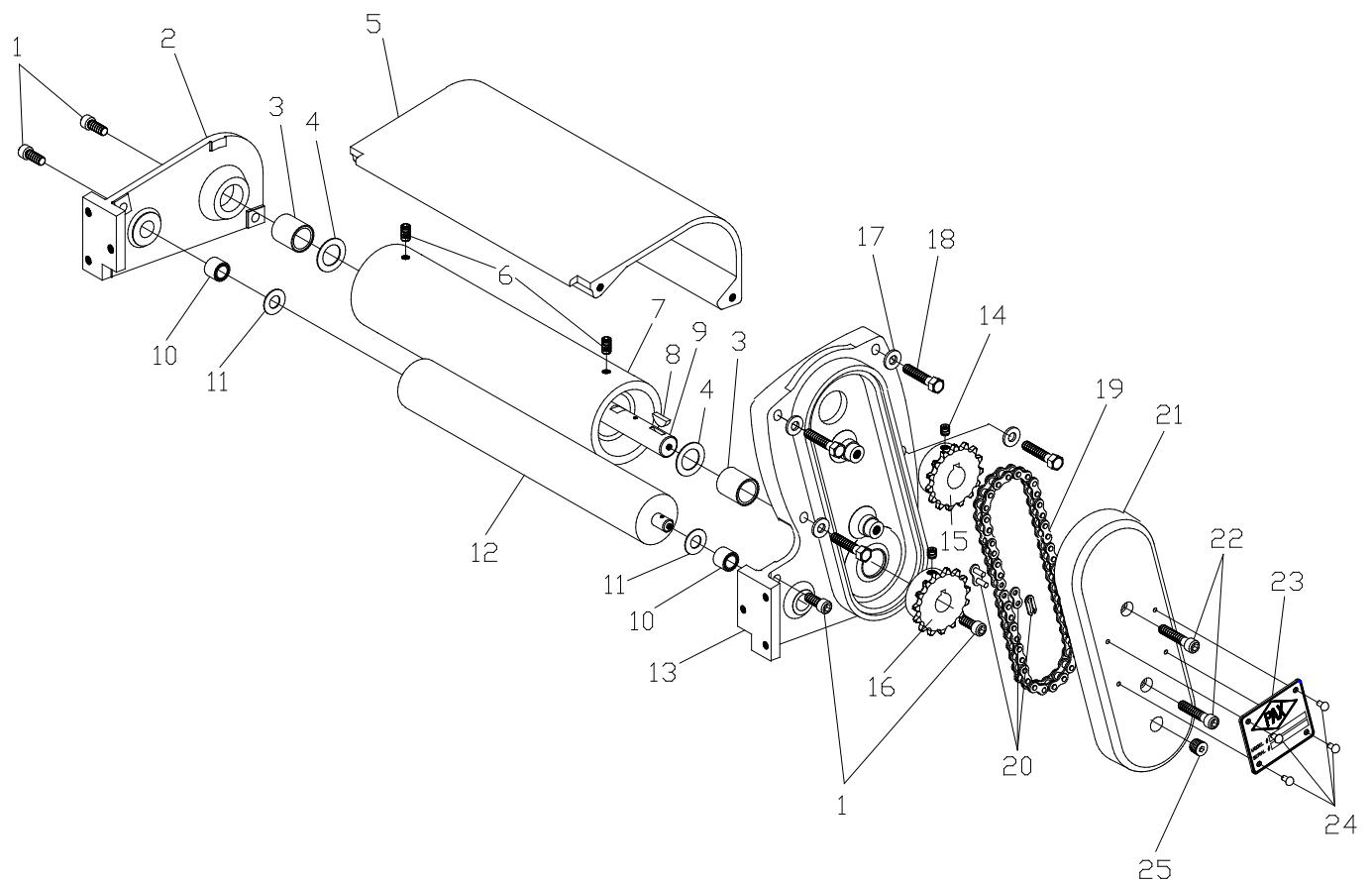


FIGURE 4. DRIVE TRAIN COMPONENTS

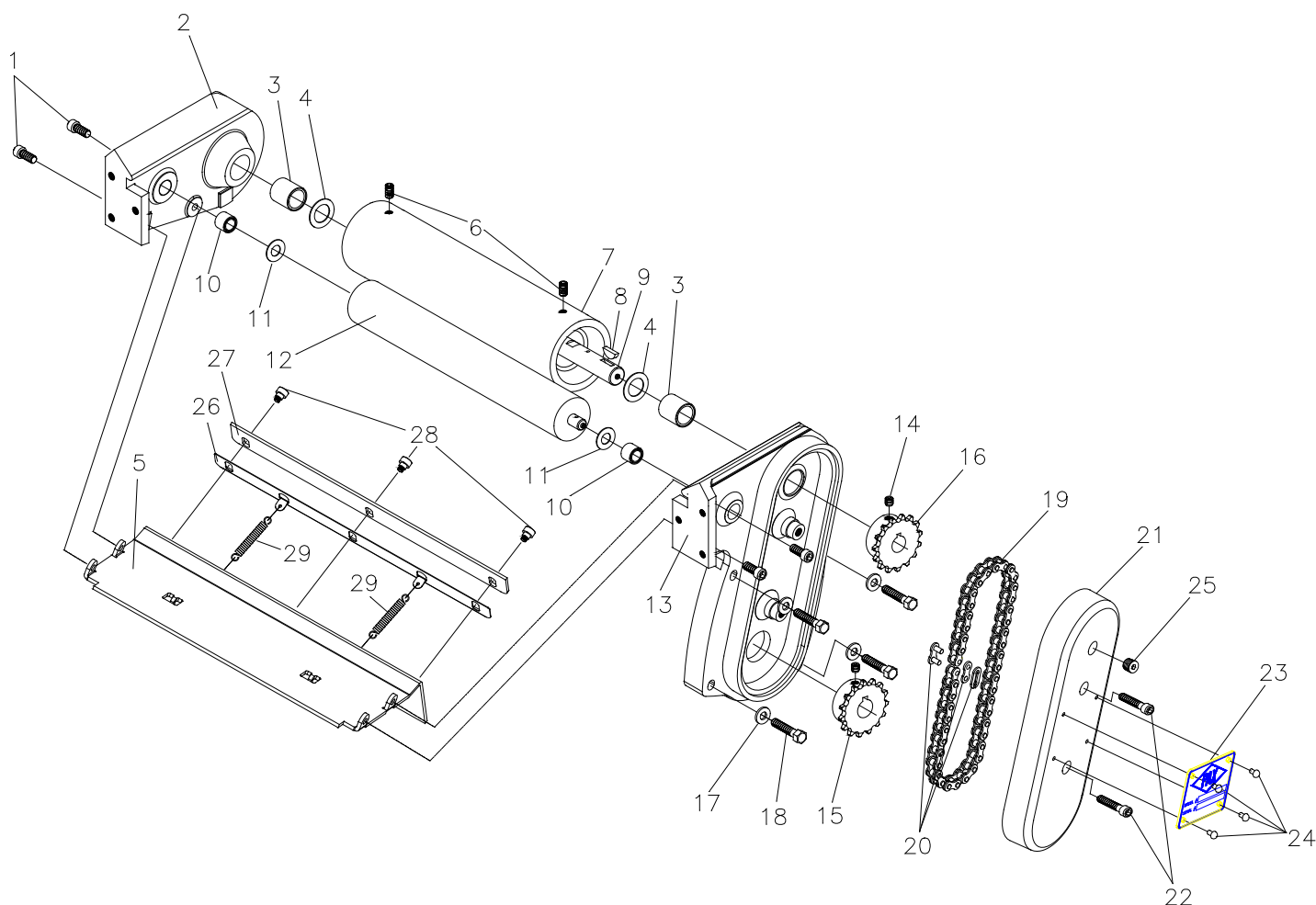


FIGURE 4A. DRIVE TRAIN COMPONENTS

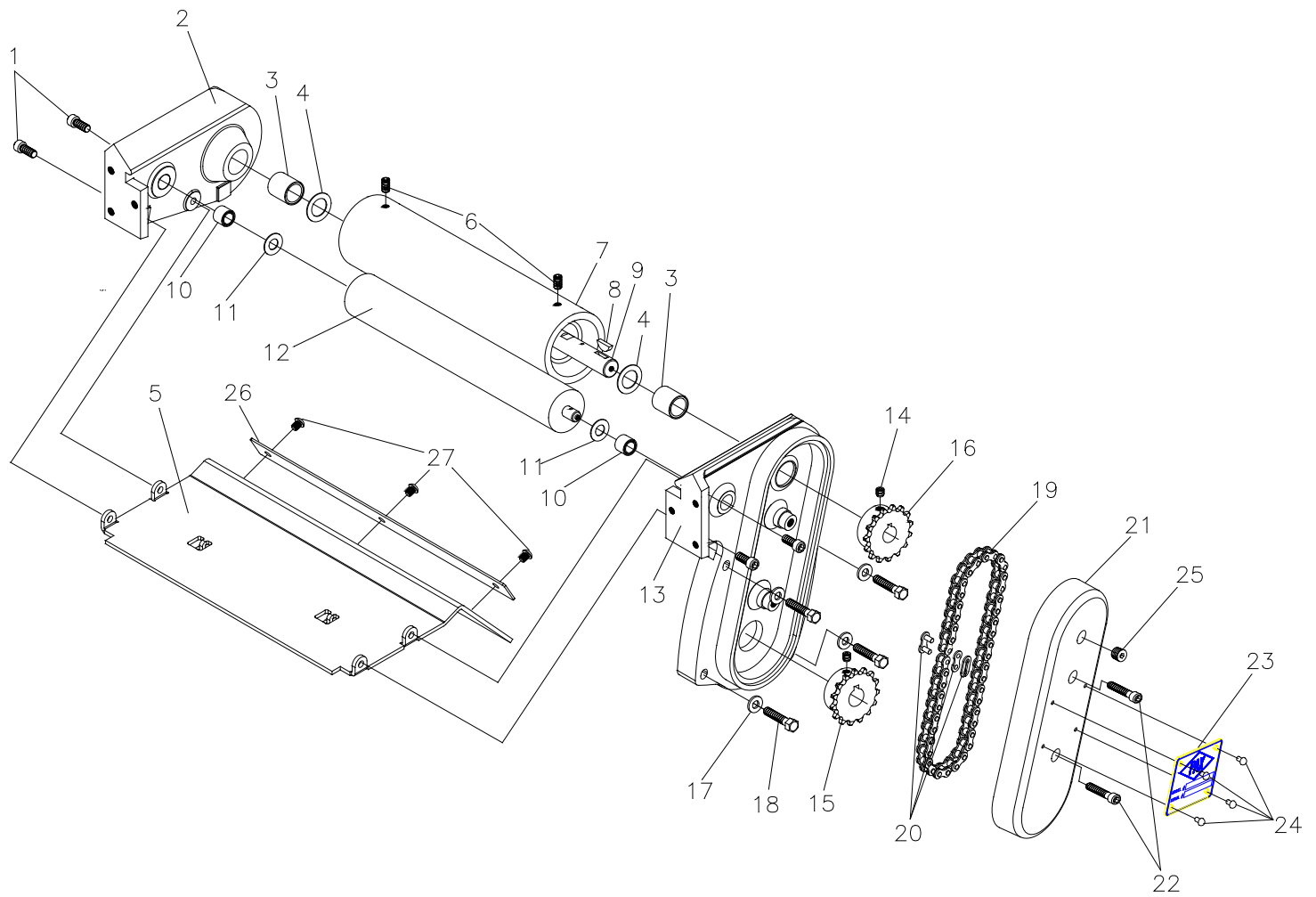


FIGURE 4B. DRIVE TRAIN COMPONENTS

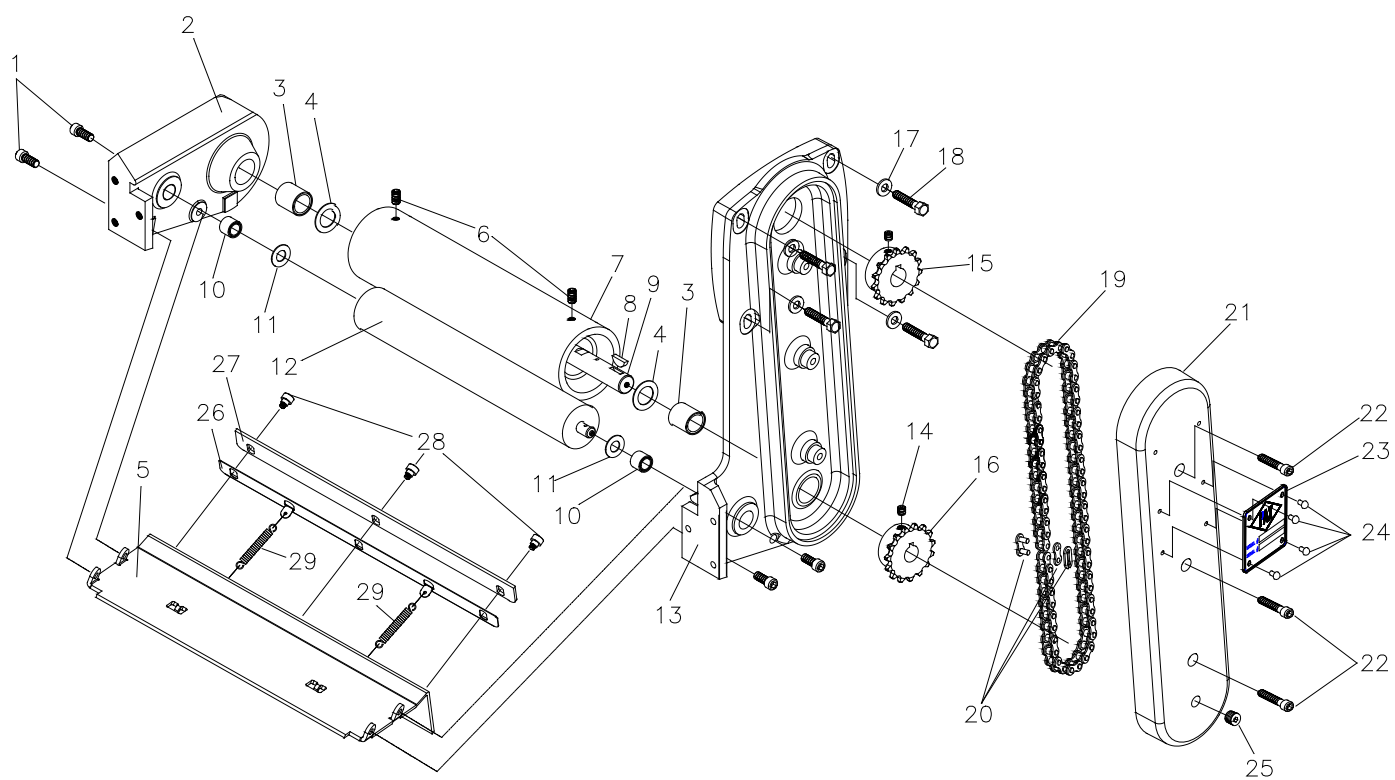


FIGURE 4C. DRIVE TRAIN COMPONENTS

TENSION END COMPONENTS (REF. FIGURE 5)

<u>KEY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	TABLE 2	BELT	1
2	500-9218-0	S.S. PIN (ORDER BY LINEAR FT)	1
3	500-5619-0	1/4-20 X 5/8" SHCS	6
4	TABLE 3	CONVEYOR TRAY	1
5	TABLE 4	POLYETHYLENE STRIP	1
6	5XX-5059-0*	IDLER PULLEY ASSY - TENSION END	1
7	500-5624-0	#6-32 X 1/4" FHS	1
8	06-0146-20	1/4-20 X 3/4" SHCS	4
9	500-5501-1	LEFT HAND TENSION END SIDE PLATE (4.75")	1
	500-5516-0**	LEFT HAND EXTENDED TENSION END SIDE PLATE (5.75")	1
10	01-0121-22	FLAT WASHER	2
11	500-5603-0	1/4-20 X 2.5" S.S. HEX BOLT	2
	500-5646-0**	1/4-20 X 3.5" S.S. HEX BOLT	2
12	500-5608-0	5/8" X 1" X .031" PLASTIC WASHER	2
13	500-5801-0	NEEDLE BEARING	2
14	5XX-5033-0*	TENSION SHAFT	1
15	5XX-5503-0*	TENSION PULLEY	1
16	500-5500-1	RIGHT HAND TENSION END SIDE PLATE (4.75")	1
	500-5515-0**	RIGHT HAND EXTENDED TENSION END SIDE PLATE (5.75")	1
17	500-5802-0	NEEDLE BEARING	2
18	500-5600-0	3/8" X 3/4" X .031" PLASTIC WASHER	2

* WHEN ORDERING THESE COMPONENTS, SUBSTITUTE "XX" WITH THE APPROPRIATE DIGITS BELOW ACCORDING TO CONVEYOR WIDTH.

**EXTENDED TENSION END SIDE PLATE COMPONENTS.

<u>CONVEYOR WIDTH</u>	<u>"XX"</u>	<u>CONVEYOR WIDTH</u>	<u>"XX"</u>
4" WIDE	04	11" WIDE	11
5" WIDE	05	12" WIDE	12
6" WIDE	06	14" WIDE	14
7" WIDE	07	16" WIDE	16
8" WIDE	08	18" WIDE	18
9" WIDE	09	20" WIDE	20
10" WIDE	10		

**FLUSH MOUNT TENSION END COMPONENTS (REF. FIGURE 5A)**

<u>KEY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	TABLE 2	BELT	1
2	500-9218-0	S.S. PIN (ORDER BY LINEAR FT)	1
3	500-5619-0	1/4-20 X 5/8" SHCS	6
4	TABLE 3	CONVEYOR TRAY	1
5	TABLE 4	POLYETHYLENE STRIP	1
6	5XX-5059-0*	IDLER PULLEY ASSY - TENSION END	1
7	500-5624-0	#6-32 X 1/4" FHS	1
8	06-0146-20	1/4-20 X 3/4" SHCS	4
9	500-5511-0	LEFT HAND FLUSH MOUNT TENSION END SIDE PLATE	1
10	01-0121-22	FLAT WASHER	2
11	500-5603-0	1/4-20 X 2.5" S.S. HEX BOLT	2
12	500-5608-0	5/8" X 1" X .031" PLASTIC WASHER	2
13	500-5801-0	NEEDLE BEARING	2
14	5XX-5033-0*	TENSION SHAFT	1
15	5XX-5503-0*	TENSION PULLEY	1
16	500-5512-0	RIGHT HAND FLUSH MOUNT TENSION END SIDE PLATE	1
17	500-5802-0	NEEDLE BEARING	2
18	500-5600-0	3/8" X 3/4" X .031" PLASTIC WASHER	2
19	500-5639-0	#10-32 X 1/2" FLAT HEAD SCREW	2
20	5XX-5513-0	FLUSH MOUNT TENSION END COVER	1

* WHEN ORDERING THESE COMPONENTS, SUBSTITUTE "XX" WITH THE APPROPRIATE DIGITS BELOW ACCORDING TO CONVEYOR WIDTH.

<u>CONVEYOR WIDTH</u>	<u>"XX"</u>	<u>CONVEYOR WIDTH</u>	<u>"XX"</u>
4" WIDE	04	11" WIDE	11
5" WIDE	05	12" WIDE	12
6" WIDE	06	14" WIDE	14
7" WIDE	07	16" WIDE	16
8" WIDE	08	18" WIDE	18
9" WIDE	09	20" WIDE	20
10" WIDE	10		

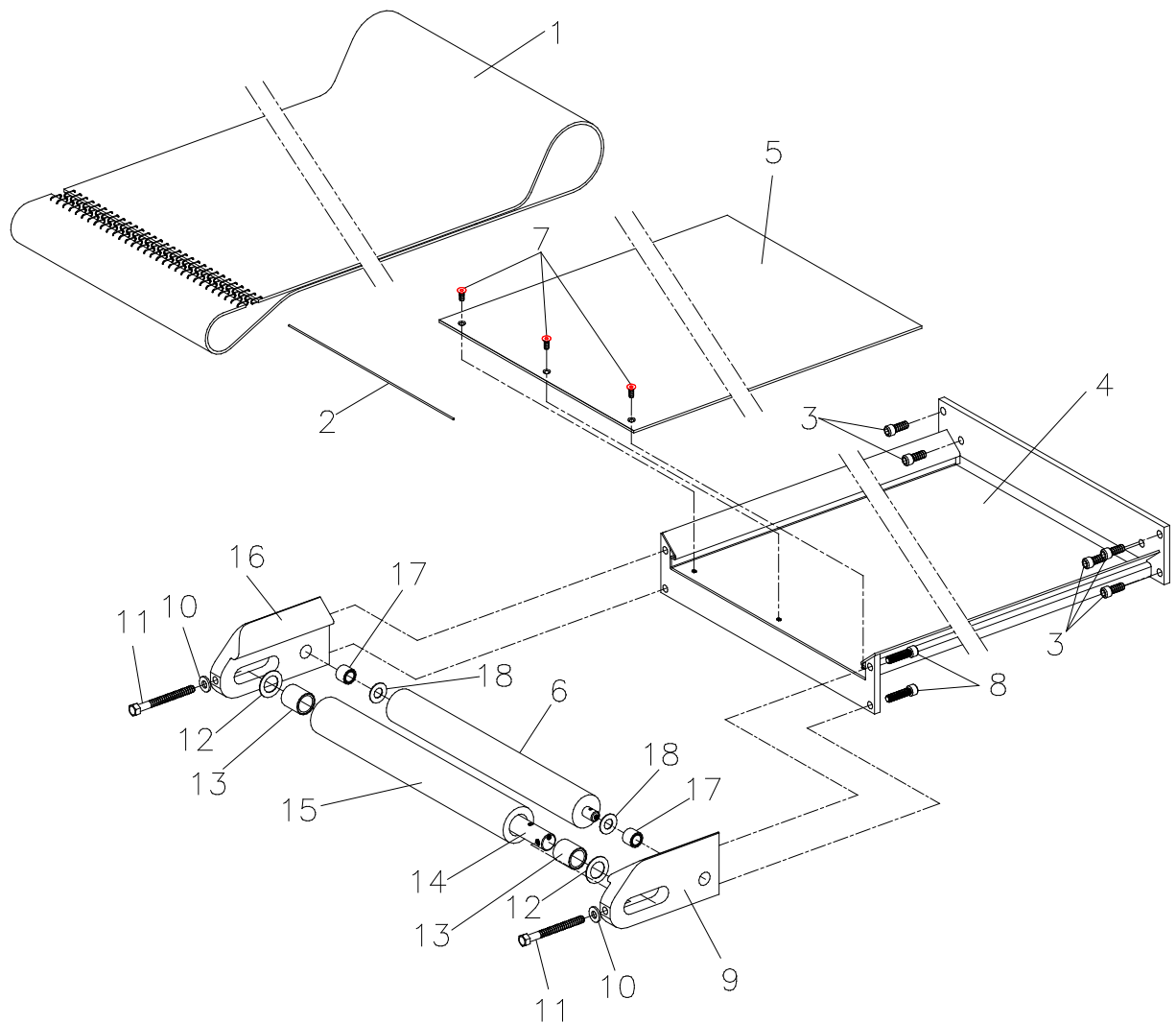


FIGURE 5. TENSION END COMPONENTS

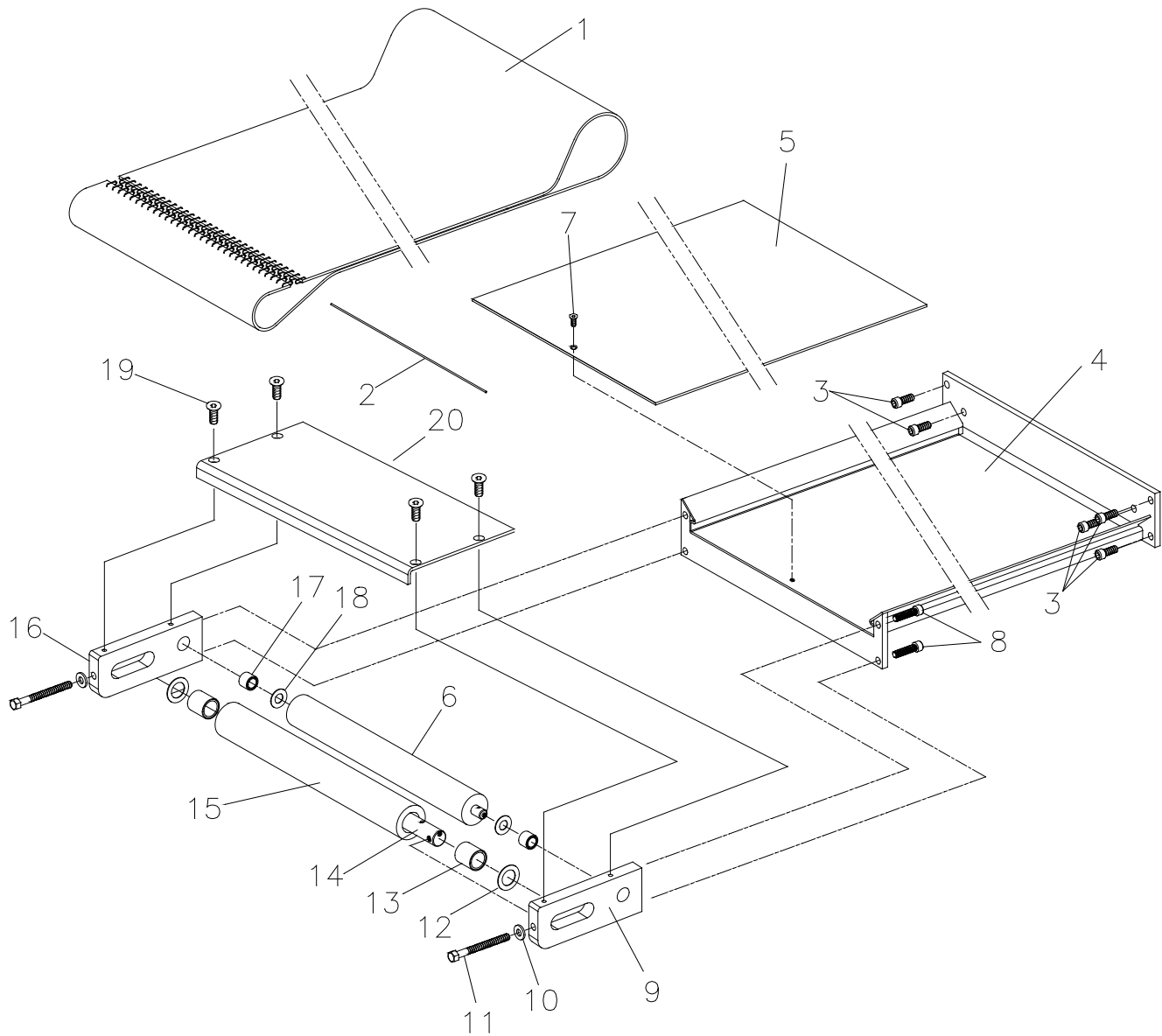


FIGURE 5A. FLUSH MOUNT TENSION END COMPONENTS

**RIGHT ANGLE MOTOR COMPONENTS (REF. FIGURE 6B)**

<u>KEY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	(Call Factory)	RIGHT ANGLE BRACKET (PSC-106)	1
2	01-0120-20	1/4-20 NUT	4
3	06-0168-10	1/4" WASHER	8
4	500-5822-0	RIGHT HAND RIGHT ANGLE MOTOR	1
4	500-5823-0	LEFT HAND RIGHT ANGLE MOTOR (OPTIONAL)	1
5	500-5632-0	1/4-20 X 7/8" SOCKET HEAD CAP SCREW	1
6	01-0124-20	8-32 X .5" SCREW	2
7	500-5703-0	4 AMP FUSE	1
8	500-5704-0	FUSE HOLDER	1
9	500-5716-0	FUSE HOLDER GASKET	1
10	500-5705-0	TERMINAL BOX	1
11	500-5714-0	GASKET - TERMINAL BOX LID	1
12	500-5720-0	TERMINAL BOX LID	1
13	01-0122-22	#10-32 X 3/8" BUTTON HEAD SCREW	4
14	500-5715-0	GASKET - TERMINAL BOX BASE	1
15	500-5733-0	CORD CONNECTOR	1
16	05-1401-20	9' POWER CORD	1
17	500-5630-1	#10-32 X .5" HEX WASHER HEAD	2
18	500-5817-0	KEY STOCK (INCLUDED WITH MOTOR)	1
19	500-5327-0	5/8" X 5/8" COUPLING	1

NOTE: 480 VOLT 3 PHASE MOTOR (PART NO. 500-5815-0) – CUSTOMER IS RESPONSIBLE FOR POWER CORD AND OVERCURRENT PROTECTION.

ACCESSORIES (NOT SHOWN)

<u>PART NO.</u>	<u>DESCRIPTION</u>
500-5053-0	PUSH TYPE UTILITY GREASE GUN (INCLUDES NEEDLE NOZZLE)
500-5814-0	NEEDLE NOZZLE (REPLACEMENT)
500-5057-0	MAGNET WITH RELEASE LEVER

**BISON MOTOR COMPONENTS (REF. FIGURE 6)**

<u>KEY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	500-5816-0	1/6 HP MOTOR WITH 28:1 GEAR RATIO	1
1	500-5817-0	¼ HP MOTOR WITH 15:1 GEAR RATIO (OPTIONAL)	1
1	500-5818-0	¼ HP MOTOR WITH 29:1 GEAR RATIO (OPTIONAL)	1
2	500-5613-0	KEY STOCK (INCLUDED WITH MOTOR)	1
3	05-1401-20	9' POWER CORD	1
4	500-5719-0	TERMINAL BOX	1
5	500-5720-0	TERMINAL BOX LID	1
6	500-5716-0	FUSE HOLDER GASKET	1
7	500-5704-0	FUSE HOLDER	1
8	500-5703-0	4 AMP FUSE	1
9	01-0124-20	8-32 X .5" SCREW	2
10	500-5733-0	CORD CONNECTOR ASM	1
11	500-5630-1	10-32 X .5" HEX WASHER HEAD	2
12	01-0122-22	10-32 x .38" BUTTON HEAD SCREW	4

GASKETS (NOT SHOWN)

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
500-5721-0	GASKET - TERMINAL BOX LID	1
500-5722-0	GASKET - TERMINAL BOX BASE	1

ACCESSORIES (NOT SHOWN)

<u>PART NO.</u>	<u>DESCRIPTION</u>
500-5053-0	PUSH TYPE UTILITY GREASE GUN (INCLUDES NEEDLE NOZZLE)
500-5814-0	NEEDLE NOZZLE (REPLACEMENT)
500-5057-0	MAGNET WITH RELEASE LEVER

**BODINE MOTOR COMPONENTS (REF. FIGURE 6)**

<u>KEY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	500-5800-0	1/6 HP MOTOR WITH 30:1 GEAR RATIO	1
1	500-5803-0	1/6 HP MOTOR WITH 15:1 GEAR RATIO (OPTIONAL)	1
1	500-5819-0	1/3 HP MOTOR WITH 10:1 GEAR RATIO (OPTIONAL)	1
2	500-5613-0	KEY STOCK (INCLUDED WITH MOTOR)	1
3	05-1401-20	9' POWER CORD	1
4	500-5705-0	TERMINAL BOX	1
5	500-5716-0	FUSE HOLDER GASKET	1
6	500-5704-0	FUSE HOLDER	1
7	500-5703-0	4 AMP FUSE	1
8	01-0124-20	8-32 X .5" SCREW	2
9	01-1393-20	CORD CONNECTOR	1

NOTE: 480 VOLT 3 PHASE MOTOR (PART NO. 500-5815-0) – CUSTOMER IS RESPONSIBLE FOR POWER CORD AND OVERCURRENT PROTECTION.

GASKETS (NOT SHOWN)

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
500-5714-0	GASKET - TERMINAL BOX LID	1
500-5715-0	GASKET - TERMINAL BOX BASE	1

ACCESSORIES (NOT SHOWN)

<u>PART NO.</u>	<u>DESCRIPTION</u>
500-5053-0	PUSH TYPE UTILITY GREASE GUN (INCLUDES NEEDLE NOZZLE)
500-5814-0	NEEDLE NOZZLE (REPLACEMENT)
500-5057-0	MAGNET WITH RELEASE LEVER

**BODINE MOTOR COMPONENTS (REF. FIGURE 6)**

<u>KEY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	500-5822-0	RIGHT HAND RIGHT ANGLE MOTOR	1
1	500-5823-0	LEFT HAND RIGHT ANGLE MOTOR (OPTIONAL)	1
2	500-5327-0	5/8" X 5/8" HELICAL COUPLING	1
3	05-1401-20	9' POWER CORD	1
4	500-5705-0	TERMINAL BOX	1
5	500-5716-0	FUSE HOLDER GASKET	1
6	500-5704-0	FUSE HOLDER	1
7	500-5703-0	4 AMP FUSE	1
8	01-0124-20	8-32 X .5" SCREW	2
9	01-1393-20	CORD CONNECTOR	1

NOTE: 480 VOLT 3 PHASE MOTOR (PART NO. 500-5815-0) – CUSTOMER IS RESPONSIBLE FOR POWER CORD AND OVERCURRENT PROTECTION.

GASKETS (NOT SHOWN)

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
500-5714-0	GASKET - TERMINAL BOX LID	1
500-5715-0	GASKET - TERMINAL BOX BASE	1

ACCESSORIES (NOT SHOWN)

<u>PART NO.</u>	<u>DESCRIPTION</u>
500-5053-0	PUSH TYPE UTILITY GREASE GUN (INCLUDES NEEDLE NOZZLE)
500-5814-0	NEEDLE NOZZLE (REPLACEMENT)
500-5057-0	MAGNET WITH RELEASE LEVER

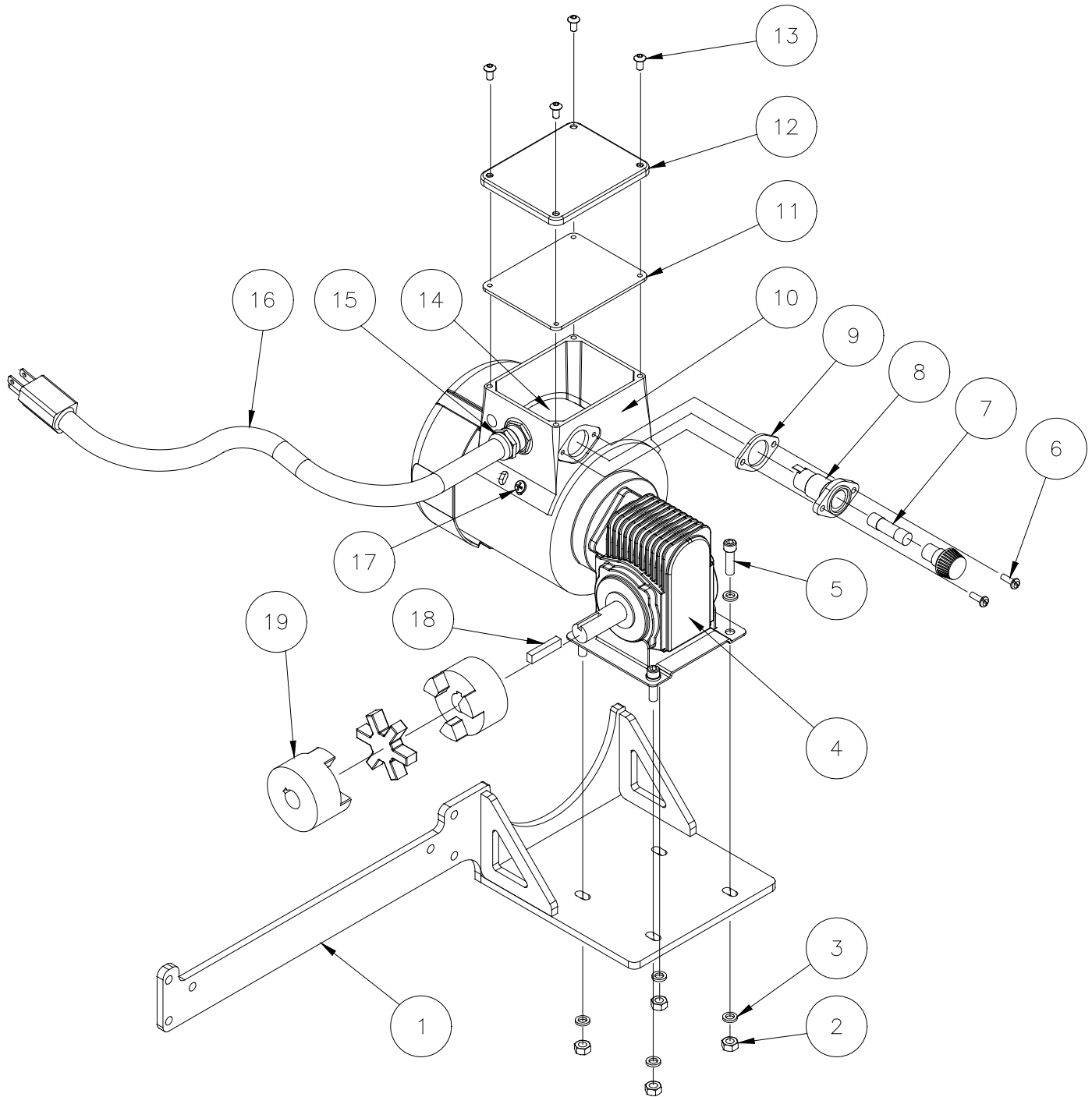


FIGURE 6B. BISON MOTOR COMPONENTS

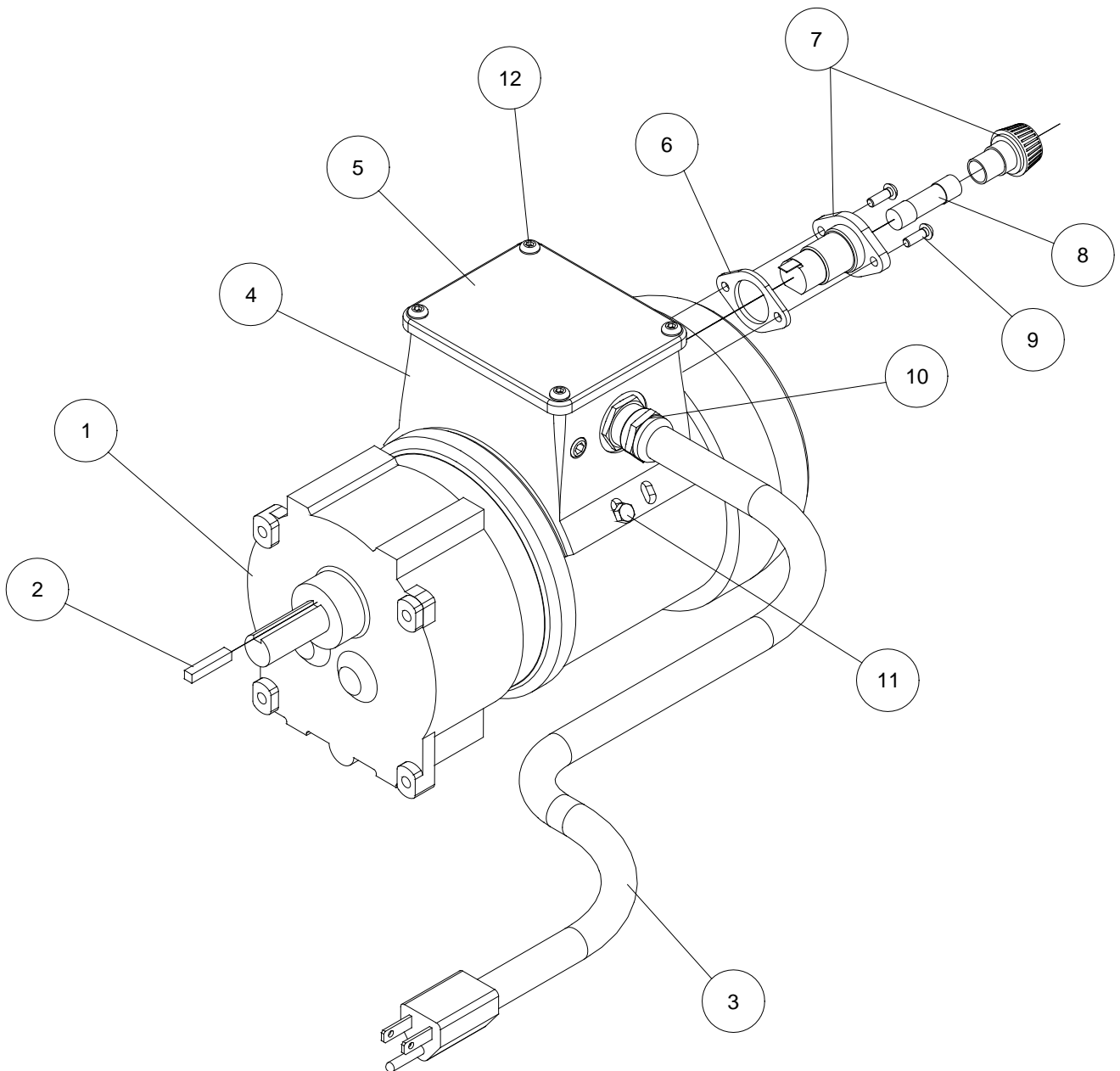


FIGURE 6. BISON MOTOR COMPONENTS

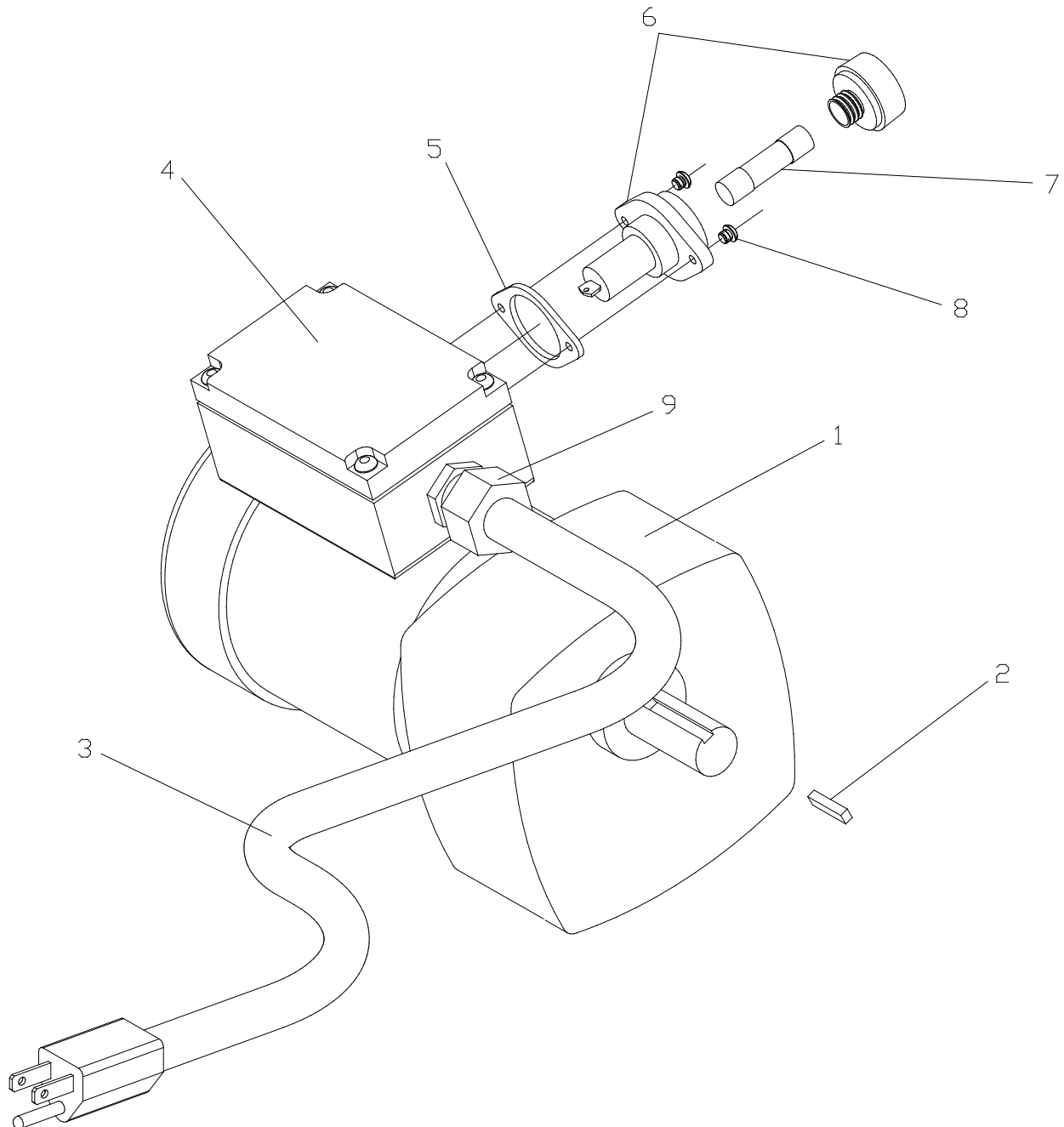


FIGURE 6. BODINE MOTOR COMPONENTS

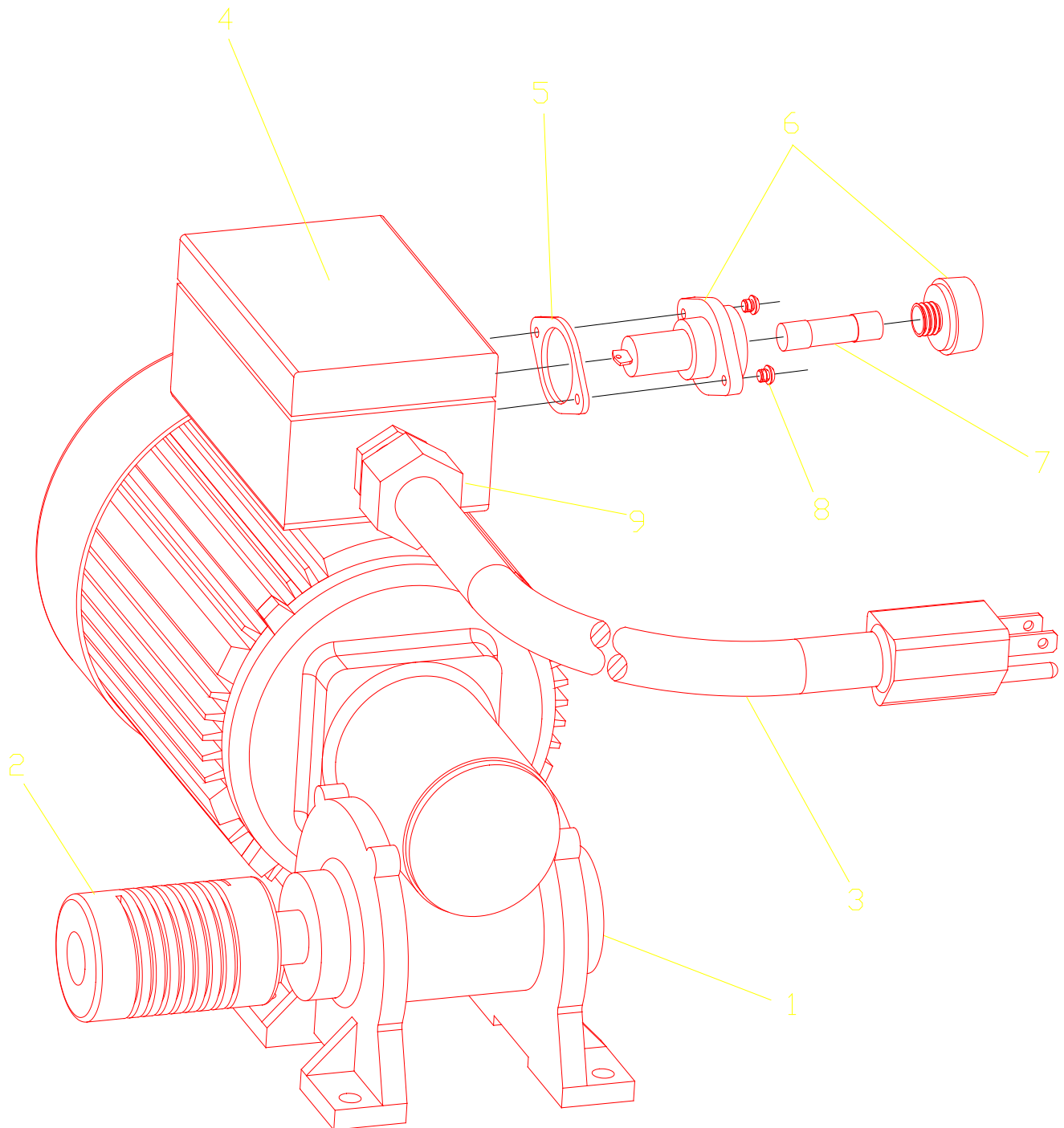


FIGURE 6. BODINE MOTOR COMPONENTS

SENSOR OPTION COMPONENTS (REF. FIGURE 7)

<u>KEY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	5XX-5056-0*	IDLER PULLEY - DRIVE END (FOR SENSOR OPTION)	1
2	500-5310-0	LEFT HAND SIDE PLATE (FOR SENSOR OPTION)	1
	500-5308-0	RIGHT HAND SIDE PLATE (FOR SENSOR OPTION)	1
		(NOT SHOWN)	
3	500-5600-0	3/8" X 3/4" X .031" PLASTIC WASHER	1
4	500-5042-0	SENSOR WHEEL	1
5	500-5312-0	SENSOR WHEEL COVER	1
6	02-1206-20	1/8-27 FLUSH TAPER PIPE PLUG	1
7	500-5609-0	10-32 X 1" SHCS	2
8	500-5031-0	MAGNETIC SENSOR	1
9	500-5711-0	BANANA PLUG	1

* WHEN ORDERING THESE COMPONENTS, SUBSTITUTE "XX" WITH THE APPROPRIATE DIGITS BELOW ACCORDING TO CONVEYOR WIDTH.

<u>CONVEYOR WIDTH</u>	<u>"XX"</u>	<u>CONVEYOR WIDTH</u>	<u>"XX"</u>
4" WIDE	04	11" WIDE	11
5" WIDE	05	12" WIDE	12
6" WIDE	06	14" WIDE	14
7" WIDE	07	16" WIDE	16
8" WIDE	08	18" WIDE	18
9" WIDE	09	20" WIDE	20
10" WIDE	10		

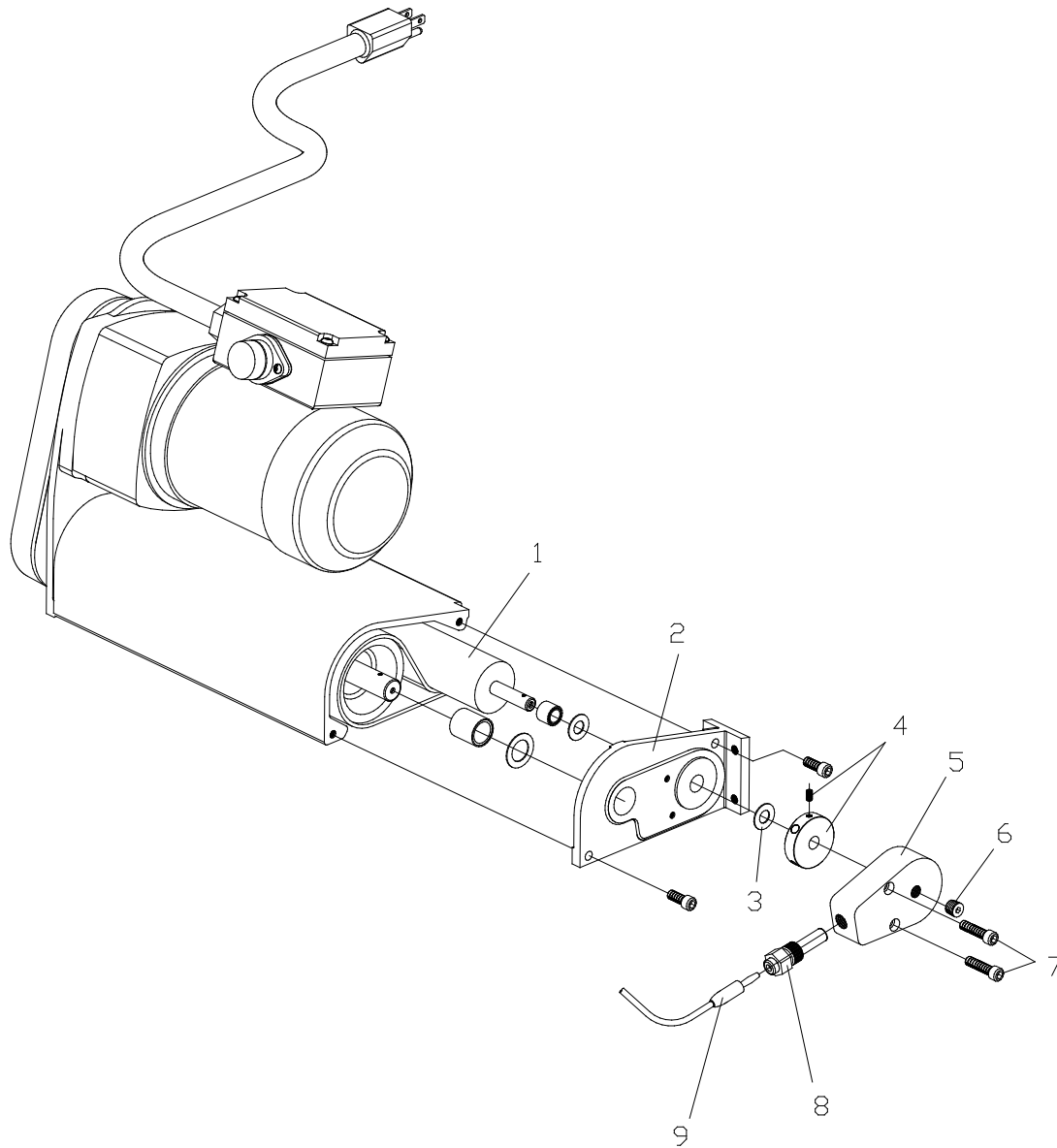


FIGURE 7. SENSOR OPTION COMPONENTS

TABLE 1. BELT SPEED PART NUMBERS

USE MATRIX BELOW TO ORDER CORRECT BELT SPEED REPLACEMENT PARTS.

FT/MIN	MOTOR P/N	MOTOR SPROCKET	PULLEY SPROCKET
29	500-5816-0	500-5810-0	500-5806-0
34**	500-5816-0	500-5809-0	500-5806-0
40*	500-5816-0	500-5804-0	500-5806-0
46**	500-5816-0	500-5804-0	500-5811-0
54	500-5816-0	500-5804-0	500-5812-0
59	500-5817-0	500-5810-0	500-5806-0
69**	500-5817-0	500-5809-0	500-5806-0
80	500-5817-0	500-5804-0	500-5806-0
92**	500-5817-0	500-5804-0	500-5811-0
108	500-5817-0	500-5804-0	500-5812-0

* DENOTES STANDARD CONFIGURATION

** THESE BELT SPEED OPTIONS REQUIRE THE USE OF A HALF LINK (P/N 500-5808-0).

SPROCKET CROSS REFERENCE INFORMATION

SPROCKET P/N	# TEETH	BORE DIA.
500-5804-0	15	3/4"
500-5806-0	15	5/8"
500-5809-0	13	3/4"
500-5810-0	11	3/4"
500-5811-0	13	5/8"
500-5812-0	11	5/8"

TABLE 2. CONVEYOR BELT PART NUMBERS

USE THE MATRIX BELOW TO ORDER THE CORRECT REPLACEMENT BELT. THE CONVEYOR LENGTHS ARE LISTED ACROSS THE TOP ROW AND THE CONVEYOR WIDTHS ARE LISTED DOWN THE FIRST COLUMN.

	4'	5'	6'	7'	8'
4"	504-5024-0	504-5025-0	504-5026-0	504-5027-0	504-5028-0
5"	505-5024-0	505-5025-0	505-5026-0	505-5027-0	505-5028-0
6"	506-5024-0	506-5025-0	506-5026-0	506-5027-0	506-5028-0
7"	507-5024-0	507-5025-0	507-5026-0	507-5027-0	507-5028-0
8"	508-5024-0	508-5025-0	508-5026-0	508-5027-0	508-5028-0
9"	509-5024-0	509-5025-0	509-5026-0	509-5027-0	509-5028-0
10"	510-5024-0	510-5025-0	510-5026-0	510-5027-0	510-5028-0
11"	511-5024-0	511-5025-0	511-5026-0	511-5027-0	511-5028-0
12"	512-5024-0	512-5025-0	512-5026-0	512-5027-0	512-5028-0
14"	514-5024-0	514-5025-0	514-5026-0	514-5027-0	514-5028-0
16"	516-5024-0	516-5025-0	516-5026-0	516-5027-0	516-5028-0
18"	518-5024-0	518-5025-0	518-5026-0	518-5027-0	518-5028-0
20"	520-5024-0	520-5025-0	520-5026-0	520-5027-0	520-5028-0

TABLE 3. CONVEYOR TRAY PART NUMBERS

USE THE MATRIX BELOW TO ORDER THE CORRECT REPLACEMENT TRAY. THE CONVEYOR LENGTHS ARE LISTED ACROSS THE TOP ROW AND THE CONVEYOR WIDTHS ARE LISTED DOWN THE FIRST COLUMN.

	4'	5'	6'	7'	8'
4"	504-5014-1	504-5015-1	504-5016-1	504-5017-1	504-5018-1
5"	505-5014-1	505-5015-1	505-5016-1	505-5017-1	505-5018-1
6"	506-5014-1	506-5015-1	506-5016-1	506-5017-1	506-5018-1
7"	507-5014-1	507-5015-1	507-5016-1	507-5017-1	507-5018-1
8"	508-5014-1	508-5015-1	508-5016-1	508-5017-1	508-5018-1
9"	509-5014-1	509-5015-1	509-5016-1	509-5017-1	509-5018-1
10"	510-5014-1	510-5015-1	510-5016-1	510-5017-1	510-5018-1
11"	511-5014-1	511-5015-1	511-5016-1	511-5017-1	511-5018-1
12"	512-5014-1	512-5015-1	512-5016-1	512-5017-1	512-5018-1
14"	514-5014-1	514-5015-1	514-5016-1	514-5017-1	514-5018-1
16"	516-5014-1	516-5015-1	516-5016-1	516-5017-1	516-5018-1
18"	518-5014-1	518-5015-1	518-5016-1	518-5017-1	518-5018-1
20"	520-5014-1	520-5015-1	520-5016-1	520-5017-1	520-5018-1

TABLE 3A. INVERTED CONVEYOR TRAY PART NUMBERS

USE THE MATRIX BELOW TO ORDER THE CORRECT REPLACEMENT TRAY. THE CONVEYOR LENGTHS ARE LISTED ACROSS THE TOP ROW AND THE CONVEYOR WIDTHS ARE LISTED DOWN THE FIRST COLUMN.

	4'	5'	6'	7'	8'
4"	504-5074-0	504-5075-0	504-5076-0	504-5077-0	504-5078-0
5"	505-5074-0	505-5075-0	505-5076-0	505-5077-0	505-5078-0
6"	506-5074-0	506-5075-0	506-5076-0	506-5077-0	506-5078-0
7"	507-5074-0	507-5075-0	507-5076-0	507-5077-0	507-5078-0
8"	508-5074-0	508-5075-0	508-5076-0	508-5077-0	508-5078-0
9"	509-5074-0	509-5075-0	509-5076-0	509-5077-0	509-5078-0
10"	510-5074-0	510-5075-0	510-5076-0	510-5077-0	510-5078-0
11"	511-5074-0	511-5075-0	511-5076-0	511-5077-0	511-5078-0
12"	512-5074-0	512-5075-0	512-5076-0	512-5077-0	512-5078-0
14"	514-5074-0	514-5075-0	514-5076-0	514-5077-0	514-5078-0
16"	516-5074-0	516-5075-0	516-5076-0	516-5077-0	516-5078-0
18"	518-5074-0	518-5075-0	518-5076-0	518-5077-0	518-5078-0
20"	520-5074-0	520-5075-0	520-5076-0	520-5077-0	520-5078-0

TABLE 4. POLYETHYLENE STRIP PART NUMBERS

USE THE TABLE BELOW TO ORDER THE CORRECT REPLACEMENT POLYETHYLENE STRIP. THE CONVEYOR LENGTHS ARE LISTED ACROSS THE TOP ROW AND THE CONVEYOR WIDTHS ARE LISTED DOWN THE FIRST COLUMN.

	4'	5'	6'	7'	8'
4"	504-5404-1	504-5405-1	504-5406-1	504-5407-1	504-5408-1
5"	505-5404-1	505-5405-1	505-5406-1	505-5407-1	505-5408-1
6"	506-5404-1	506-5405-1	506-5406-1	506-5407-1	506-5408-1
7"	507-5404-1	507-5405-1	507-5406-1	507-5407-1	507-5408-1
8"	508-5404-1	508-5405-1	508-5406-1	508-5407-1	508-5408-1
9"	509-5404-1	509-5405-1	509-5406-1	509-5407-1	509-5408-1
10"	510-5404-1	510-5405-1	510-5406-1	510-5407-1	510-5408-1
11"	511-5404-1	511-5405-1	511-5406-1	511-5407-1	511-5408-1
12"	512-5404-1	512-5405-1	512-5406-1	512-5407-1	512-5408-1
14"	514-5404-1	514-5405-1	514-5406-1	514-5407-1	514-5408-1
16"	516-5404-1	516-5405-1	516-5406-1	516-5407-1	516-5408-1
18"	518-5404-1	518-5405-1	518-5406-1	518-5407-1	518-5408-1
20"	520-5404-1	520-5405-1	520-5406-1	520-5407-1	520-5408-1



GENERAL INFORMATION

PAX PRODUCTS, INC.
P.O. BOX 257
5097 MONROE RD.
CELINA, OHIO 45822
PH. (419) 586-6948
(800) 733-6930
FAX (419) 586-6932

YOUR REGIONAL SALES REPRESENTATIVE IS:

COMPANY: _____
ADDRESS: _____

PHONE: _____
FAX: _____

POLYETHYLENE STRIP SIZING

SIZE	4'	5'	6'	7'	8'
4"	2.625" x 45"	2.625" x 57"	2.625" x 69"	2.625" x 81"	2.625" x 93"
5"	3.625" x 45"	3.625" x 57"	3.625" x 69"	3.625" x 81"	3.625" x 93"
6"	4.625" x 45"	4.625" x 57"	4.625" x 69"	4.625" x 81"	4.625" x 93"
7"	5.625" x 45"	5.625" x 57"	5.625" x 69"	5.625" x 81"	5.625" x 93"
8"	6.625" x 45"	6.625" x 57"	6.625" x 69"	6.625" x 81"	6.625" x 93"
9"	7.625" x 45"	7.625" x 57"	7.625" x 69"	7.625" x 81"	7.625" x 93"
10"	8.625" x 45"	8.625" x 57"	8.625" x 69"	8.625" x 81"	8.625" x 93"
11"	9.625" x 45"	9.625" x 57"	9.625" x 69"	9.625" x 81"	9.625" x 93"
12"	10.625" x 45"	10.625" x 57"	10.625" x 69"	10.625" x 81"	10.625" x 93"
14"	12.625" x 45"	12.625" x 57"	12.625" x 69"	12.625" x 81"	12.625" x 93"

THE LENGTH OF THE CONVEYOR IS LISTED ACROSS THE TOP WITH THE WIDTH LISTED IN THE FIRST COLUMN. THE DIMENSIONS GIVEN ARE TO BE USED TO SHEAR THE POLYETHYLENE STRIP.

STRIP LENGTH = CONVEYOR LENGTH - 3"

STRIP WIDTH = BELT WIDTH - .125"