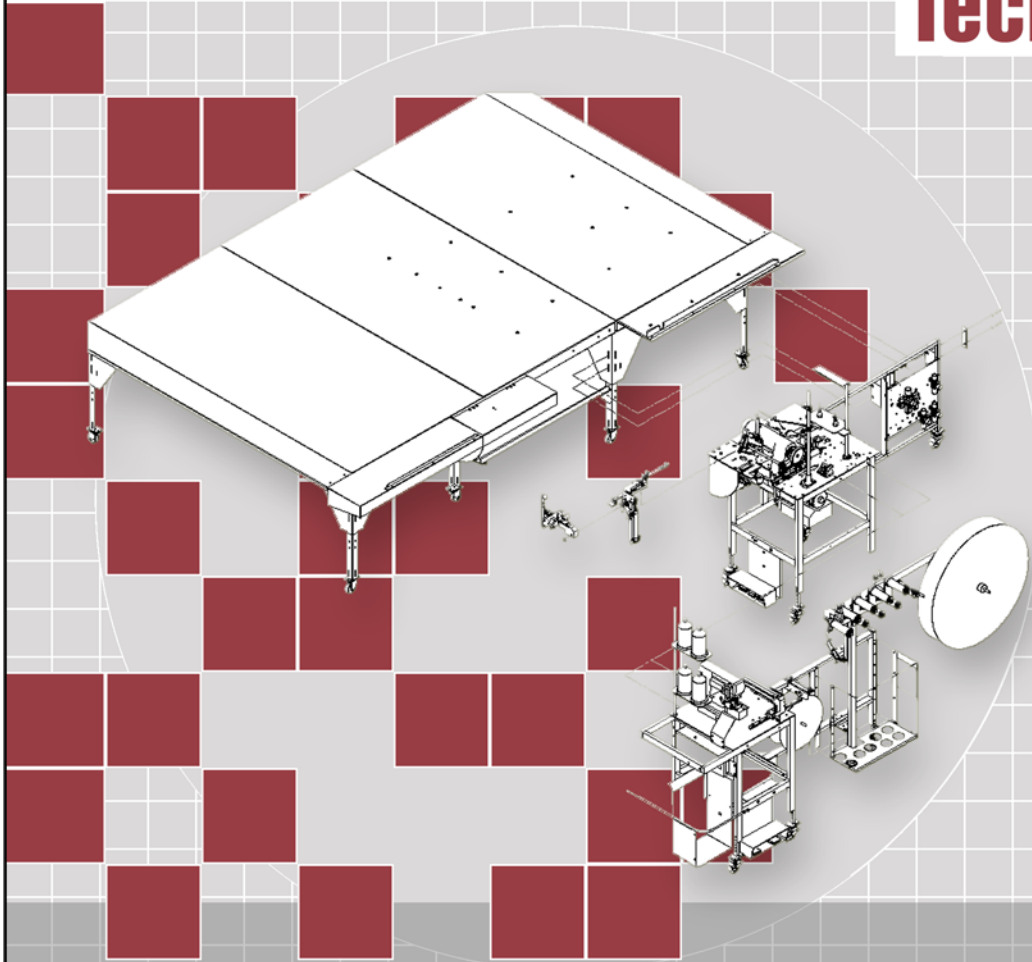


model: **1335SAS88A**

Semi-Auto Pillowtop Ruffler With Flat Style Flange

Automated Manufacturing Equipment For The Sleep Products Industry

Technical Manual



From the library of: Diamond Needle Corp

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Atlanta Attachment Company, Inc.

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Patents & Patents Pending

The sale of this product does not sell or otherwise transfer any license or other rights under any U.S. Patent or other corresponding foreign patent.

This equipment is protected by one or more of the following patents:

US patents: 4,038,933; 4,280,421; 4,432,294; 4,466,367; 4,644,883; 4,886,005; 5,134,947; 5,159,889; 5,203,270; 5,307,750; 5,373,798; 5,437,238; 5,522,332; 5,524,563; 5,562,060; 5,634,418; 5,647,293; 5,657,711; 5,743,202; 5,865,135; 5,899,159; 5,915,319; 5,918,560; 5,924,376; 5,979,345; 6,035,794

Foreign patents - 2,084,055; 2,076,379; 2,177,389; 2,210,569; 4-504,742; 8-511,916; 9-520,472; 0,537,323; 92,905,522.6; 95,935,082.8; 96,936,922.2; 5,159,889; 5,203,270.

Other U.S. and Foreign Patents Pending.



IMPORTANT

It is important to read and understand the information contained within this manual before attempting to operate the machine. Atlanta Attachment Co., Inc. shall not be held liable for damage resulting from misuse of the information presented within, and reserves the right to change the information contained within, without prior notification.

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General Machine Data

Electrical: 220 VAC, 10 A, 50/60 Hz 3 Phase
 Pneumatic: 70 - 80 PSI, 7 SCFM avg.
 Sewing Head: Yamato model MG2002P
 Thread type: D-69B 2 ply bonded nylon or similar
 Sewing Speed: 3500 RPM
 Needle: Schmetz 180/24, 62 x 59, SY 4112
 Stitch Density: 7-8 SPI

Physical Dimensions

Machine Height: 6 ft.
 Floor Area: 175 ft.²
 Weight: Approx. 1300 lbs.

Light Tower Functions

The purpose of the Light Tower is to provide a visual indication of the current status of the machine that can be seen at a considerable distance from the machine. Definitions for the different light states currently available on the 1335 are included below.

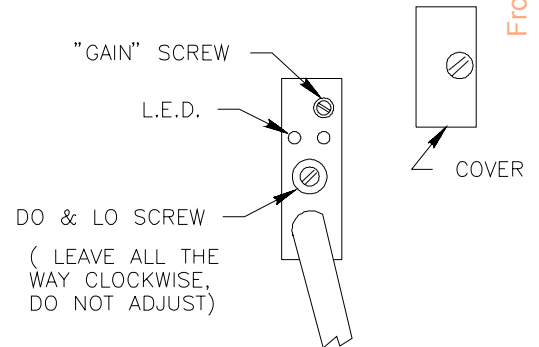
Light Status	Definition
Green Steady	Machine is making a panel.
Green Flashing	Machine is sewing the last side of the panel and will finish soon.
Yellow Steady	Machine is on but idling between panels.
Yellow Flashing	Machine is stopped in the middle of a panel and needs operator attention before continuing. Possibly the machine has stopped because of an error, thread break, etc. If the operator cannot recover, the mechanic must be called.
Red	Available for future use, not currently utilized

Electric Eye Sensor Adjustment

To adjust the sensor, first remove the clear plastic cover from the end of the sensor. There are two adjusting screws under the cover. One is labeled "GAIN" and is used to set the sensitivity of the sensor. The other screw is labeled "DO & LO" and should always be fully clockwise.

With the end of the sensor pointing at the center of the reflective tape, turn the "GAIN" screw counter-clockwise until the red LED indicator is off. Then turn the "GAIN" screw clockwise until the LED indicator comes on. Then turn the "GAIN" screw one full turn clockwise. The LED indicator should be blinking slowly.

Cover the eye so that the sensor cannot see the reflective tape and the LED should go off.



Reflective Tape Maintenance

Use a soft cloth for cleaning.
 Do not use chemicals or abrasives to clean it.
 Avoid any contact with oils and liquids.
 Do not touch the tape with bare fingers.
 If tape is dirty or opaque, the eye may not function correctly.



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Basic Machine Operation

Loading The Gusset Roll And Accumulator

1. Load the roll of gusset material onto the roll holder between the two discs so that when the material is fed toward the accumulator the good side of the fabric is up.
2. Be sure the drag tension tape is draped over the top of the roll and the discs are snug against the roll core.
3. Feed the gusset straight between the movable and stationary rollers toward the right angle guide.
4. Feed it around the right angle guide and over to the upper folder guide.

Loading And Adjusting The Folders

1. Feed the gusset under the right upper guide rod and over the left upper guide rod and down toward the folder.
2. Open the ends of both folders for easier loading.
3. Feed the gusset material through the first folder, around the tension plate, and through the second folder. Be sure the folder tongues are inside the folded gusset.
4. Close the folders.
5. Loosen the folder lock screws and slide the folders left or right as needed to make a close fit on the folded gusset.
6. Tighten the lock screws.
7. Pull the gusset material through the second folder toward the sewing head until the end of it is about 2" beyond the end of the stripper blade. It is necessary to have about 1-1/2" of unsewn gusset at the start of the panel for the finishing overlap.
8. Lower the folder assembly and push it all the way in toward the machine so that the gusset is under the presser foot and the folder in as far as it will go. The machine will not start the automatic cycle if the folder assembly is not in all the way.

Finishing The Panel

When the machine has finished the panel the operator must fold the trailing edge of the gusset back about 3/4" and tuck it into the starting edge fold. Step on the right SEW pedal to run the machine at a medium speed until the desired over-sew is achieved. Tap the left FOOT LIFT pedal and the thread pull-offs will activate and the presser foot will lift. **Note: The FOOT LIFT pedal will not function until the SEW pedal has been used.** Remove the panel to the left and trim the threads on the cutter provided.



Adjusting The Corner Ruffles

Ruffles vs Stitches

When the machine turns a corner the number of stitches that will be sewn in the corner is controlled solely by the speed of the turning clamps because turning stops as soon as the OUT limit switch is reached. The speed of the turning clamps is set with the Thumbwheels on the middle stepper control box. This speed should be adjusted so that the number of stitches in the corner is equal to or greater than the number of Ruffles that will be set in the corner. (The number of Ruffles is set with counter #5) The chart below shows the correct setting of the stepper box for the desired number of stitches in the corner. You can sew more stitches than Ruffles but not more Ruffles than stitches because ruffling also stops when the OUT limit switch is reached.

<u>Stepper Thumbwheel Setting</u>	<u>Number of Stitches in Corner</u>
900	5
800	6
700	7
600	8
500	9

Ruffle Size

The Ruffle size is determined by the stroke of the Ruffler blade from its OUT position to its IN position. The IN position is set to control where the needle pierces the Ruffle and is adjusted to pierce in the middle of the fold. The width of the Ruffle is controlled by the OUT position and is adjusted with the round knob near the handwheel. Adjust the Ruffle size so that the outer edge of the corner radius lays flat.

General Machine Adjustments

Set all air supply pressure regulators:

Main	80 PSI
Sewing Blowers	40 PSI
Turning Blowers	40 PSI
Turning Clamps	10 PSI
Edge Guide	30 PSI

Set all gusset tension pressure regulators:
(The regulators can be turned on from the MANUAL page.)

MNQ Short Side	5 PSI
MNQ Long Side	7 PSI
Plain Short Side	2 PSI
Plain Long Side	3 PSI

Set the Low Air Pressure switch to trip at 60 PSI.

Set the stepper control box's thumbwheels and jog speeds:

Refer to the 1335-905 Stepper Box Adjustments on page 102, and set the direction and motor current jumpers for each box.

Set the top box (Puller) to "420" on the thumbwheels.

Set the middle box (Rotator) to "850" on the thumbwheels.

Set the middle box (Rotator) jog knob to "54" on the dial.

Set the bottom box (Conveyor) to "420" on the thumbwheels.

Set the bottom box (Edge Guide) jog pot for 80 RPM at the edge guide wheel.

(Remove cover for access.)



Refer to the speed control manual for programming instructions.

Set the Soffie jets in the air table so that they blow in the directions noted on the 1335-PD1 Pneumatic Diagram on page 95. Set the flow controls on the jets to be all the way open.

Set all flow controls for smooth, quiet motions of all cylinders. Set all cylinder limit switches at the ends of strokes.

Sewing Head and Motor

Program the Panasonic sewing motor parameters as follows:

Mode	106 - Y2
Positioning Speed	132 - 100 RPM
High Speed	135 - 3500 RPM
Foot Lift Modulation	605 - 64
Foot Lift Modulation	606 - 1

Set the correct rotation direction.

Set the sewing stitch length to 7 SPI.

Set the needle up position to be 20 degrees before top dead center. Do this by rotating the outside 1311-003B Tape Collar at the hand wheel. The needle up position is where the needle will be when the Ruffler blade starts its IN stroke. This is also the sewing motor's needle up position.

Set needle down eye position to be 20 degrees before bottom dead center. Do this by rotating the inside 1311-003B Tape Collar at the hand wheel. The needle down position is where the needle will be when the Ruffler blade starts its OUT stroke. This needle down eye position is not related to the sewing motor's needle down position.

Set the presser foot height. When the presser foot is up, there should be ¼" between the bottom of the foot and the throat plate. Adjust according to Yamato sewing machine manual.

Set the position of the two shock absorbers on the Ruffler Drive Assembly. The rear shock should extend 1" of thread out from the bracket toward the front of the machine. The front shock should extend ½" of thread out from its bracket toward the rear of the machine.



Ruffler Drive Assembly

Set the Ruffler blade position left to right. The slot in the Ruffler blade should align with the sewing needle. Loosen the clamp screw and adjust the left Ruffler arm.

Set the Ruffler blade IN position so that the Ruffler blade extends 1/8" past the needle when the needle is at bottom dead center. **CAUTION - the Ruffler cylinder is very strong, keep hands, etc., away from the Ruffler blade when it is moving by air power.**

Make this adjustment with the air turned off. Loosen the clamp screw on the right drive arm and with the right drive arm pushed all the way in compressing the rear Ruffler shock absorber, rotate the Ruffler blade holder as needed.

Set the Ruffler blade OUT position so that the Ruffler blade is 3/4" in front of the needle. Make this adjustment by turning the large plastic adjusting knob in front of the Ruffler drive bracket. (Turn the air back on.)

Set the ruffling foot lift cylinder position so that the foot is lifted 1/8" when the Ruffler blade is in. Adjust by sliding the foot lift arm up or down the cylinder rod. Disconnect and cap off the front air line on the Ruffler cylinder and turn on and off the Ruffler cylinder while making this adjustment.

Set the blade drive arm so that when the Ruffler blade is down and touching the stripper blade there is still 1/8" of cylinder rod showing on the blade lift cylinder.

Folder Assembly

Adjust the shock absorber, stop screw, and rod end on the folder sub-assembly so that the folder assembly is level with the cloth plate in the down position.

Adjust the up position shock absorber so that the shock bottoms out when the cylinder bottoms out.

Adjust the stripper blade mount so that the tip of the blade is 1/8" above the throat plate at the presser foot and the clearance under the folder at the guide wheel is 1/4".

Adjust the rod end on the in/out cylinder so that the end of the stripper blade is 1/4" in front of the needle at needle bottom dead center. Set the cylinder limit switches for proper operation at the ends of stroke.

Adjust the folder left to right so that the right edge is 2-1/4" to the right of the needle.

Set the folders for a 2-1/2" folded capacity.

Adjust the guide rods to be perpendicular to and centered on the center-line of the top folder.

Adjust the tension cylinder so that the tension plate opens 1/4" when the tension pressure is off.

Note: Lifting the puller forces the tension plate open. Be sure the cylinder does not bottom out when the tension is on.

Adjust the height of the gusset end detector to be 1/16" above the cloth plate when it is in its down position. Adjust the photocell for proper sensitivity.

Edge Guide Assembly

Adjust the edge guide so that the wheel is centered on the cutout in the cloth plate and in contact with the bottom of the folder when it is in its up position. Check for proper belt tension when the wheel is up. Be sure the lift cylinder does not bottom out when the wheel is in the up position against the bottom of the folder. Adjust the flow controls for smooth, quiet operation.

Adjust the edge guide eye to be looking up through the cutout in the cloth plate and at the same place left to right as the right edge of the folder. Be sure there is reflective tape on the bottom of the folder for the eye to see. There should be another ¼" of adjustment left and right in the adjusting screw from this position.

Rotator Assembly

Adjust the Rotator so that the center of rotation is located ¾" to the left of the needle and even with the needle at bottom dead center. The Rotator shaft must be perpendicular to the cloth plate. Adjust the pillow block bearings as necessary.

The Rotate Arm should be set for 2-1/2" clearance above the cloth plate.

Set the limit sensors and shock absorbers for 90 degrees of rotation with the Rotate Arm parallel to the edge of the air table in its rear position.

CAUTION: When rotating the arm by hand, be sure to unplug the stepper motor to prevent damage to the motor drive unit.

Set the panel clamps to just barely touch the cloth plate when they are in their down position.

The small hole in the tip of the offset finger of the inside clamp foot should align with the center of rotation of the Rotator shaft (¾" to the left of the needle). Rotate the arm 90 degrees and check in both positions.

The finger clamp pressure plate should be set flush with the bottom of the other clamps. Set the rotary actuator for 90 degrees of rotation.

The Sew Head Jam Detector Eye should be looking at reflective tape placed right behind the puller and between the conveyor and the edge guide plate.

The Trailing Edge Eye should be looking at a piece of reflective tape located at the left side of the guide wheel cutout hole in the cloth plate and 4-1/2" in front of the needle location.

Adjust the Blower Tube flow control so the panel stays flat on the cloth plate while rotating. Adjust the eye on top of the Ruffler cover to be looking at a 2" square piece of reflective tape located even with the needle and 30" from the edge of the air table nearest the sewing machine.



Puller Assembly

Set the puller down position as low as practical without actually touching the cloth plate. The rollers should be centered on the needle.

Knife Assembly

Adjust the front to back position of the pivot arm on the shaft so that the knife swings down to the cloth plate without hitting anything.

The knife should be level at the down position.

The tip of the lower knife blade should clear the stripper blade by 1/16" as it swings down and extend 1/2" to the right of the right edge guide of the folder. (The folder must be all the way out.)

Set the pivot arm limit sensors for top and bottom of stroke.

Adjust the shock absorbers so they do not completely bottom out.

Set the safety eye (Knife Obstacle Sensor) position so it will not activate as the knife swings through its entire stroke.

Rear Conveyor Assembly

Set the conveyor so it is level, parallel to the edge of the air table, and in line with the right puller roller.

Set the height stop to hold the conveyor 1/32" above the cloth plate.

Set the spring adjustments to make the conveyor press down with about 1-2 lbs of weight.

Set the lift cylinder to press the conveyor arm down far enough to activate the UP sensor.

Accumulator Assembly

Set the down sensor to activate at the bottom of the stroke.

Set the set collars on the stationary rollers tight against the rollers to provide a little friction to the rollers to help prevent the accumulated loops from unrolling and falling to the bottom of the accumulator.

Set the Material Out Eye to see reflective tape wrapped around the center of the nearest stationary roller.

1334 Auto Flanging Unit

The 1334 Auto Flanging Unit is an optional piece of equipment that attaches to the 1335 unit. The Autoflanger folds and sews the flange and gusset materials together before it is sewn to the pillowtop panel by the 1335 unit.

Sequence of Operation

1. Press the Start button on the touch screen.
2. The Accumulator will accumulate enough material necessary to complete one cycle.
3. If the Slack Eye is uncovered, material will advance through the sewing head and slack will accumulate in the Slack Trough until the Slack Eye is covered.
4. Once the Slack Eye is covered, the 1335 will activate and continue until the Slack Eye is uncovered again or a cycle is completed.
5. Steps 2-4 repeated.

Maintenance

Daily

Clean machine at the end of every shift

Clean lint etc. from the Looper area on the sewing head

Remove any threads wrapped around moving parts of the puller, conveyor, and accumulator rollers.

Wipe all photo eye lenses with clean, nonabrasive, dry cloth

Use blow-off hose to get rid of excess lint, thread and other clippings

Properly maintain Yamato sewing head - follow Yamato recommendations and guidelines for daily maintenance and lubricating of the head.

Weekly

Check all belts for tightness and condition. Adjust or replace as necessary.

Check and clean the screens on the blower box.

Check blower v-belt tension and pulleys.

Put one drop of machine oil on all moving Ruffler parts.

Monthly

The Gusset Knife movable blade and rod end have been pre-lubricated with Teflon grease and should never be "oiled". Re-lubricate with Teflon grease as needed.

The puller and conveyor needle bearings have been pre-lubricated with Teflon grease and should never be "oiled". Re-lubricate with Teflon grease as needed.



Assembly Drawings & Parts Lists

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11335SAS88A Recommended Spare Parts List

Contact AAC's sales department to order replacement parts.

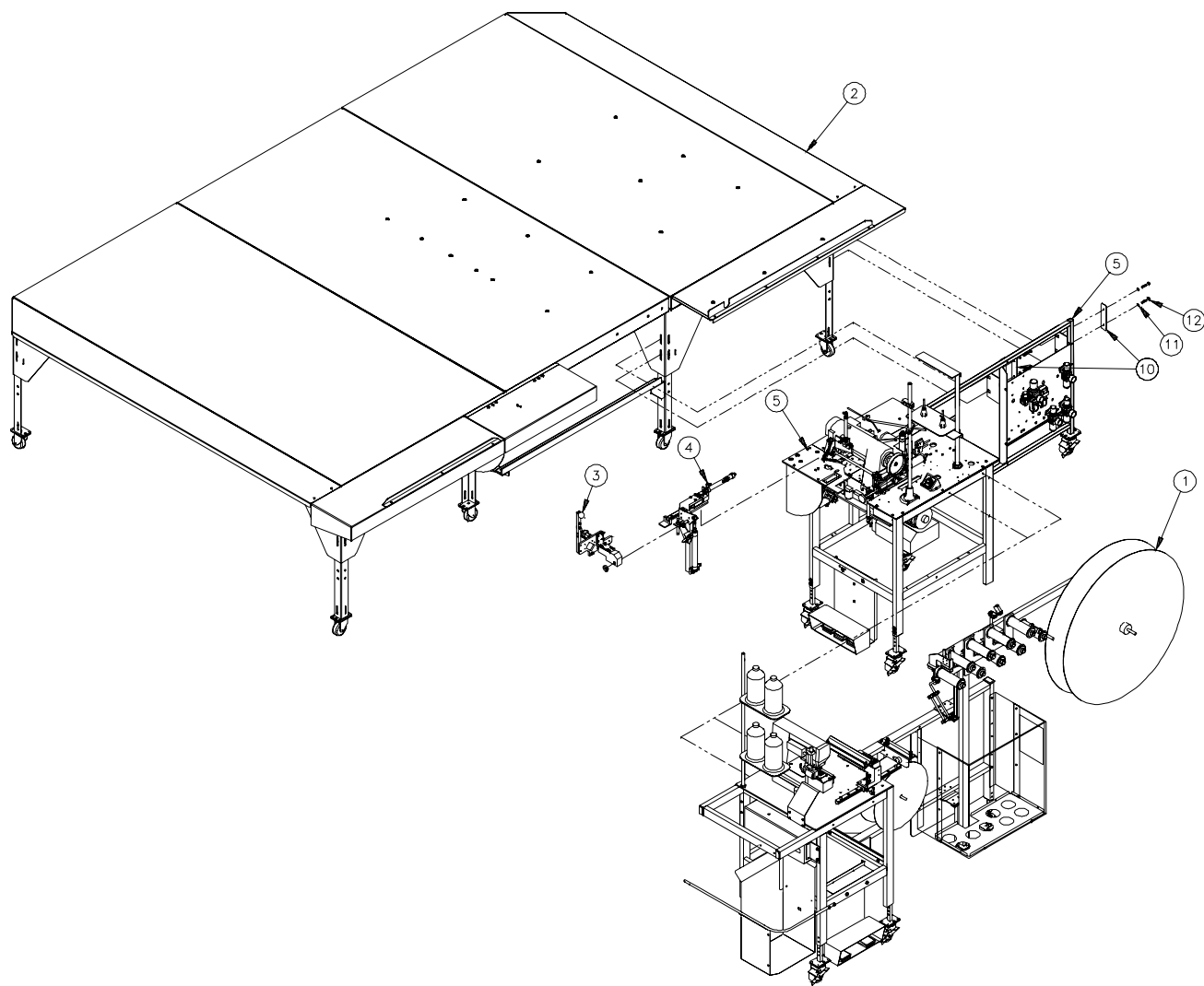
Phone: 770-963-7369
 Fax: 770-963-7641
 Email: sales@atlatt.com
 Website: www.atlatt.com

AAC Part # SP1335SAS88A Spare Parts Kit

Part #	Description	Qty	Pg	Part #	Description	Qty	Pg
1325-3602C	Ruffler Blade	2	19	FF23SN6LVQ	Electric Eye	1	
1325-3773D	Stripper Blade	2	21	FFSM312LVQ	Electric Eye	1	13
132556-278B	Pressure Plate	1		GG180XL037	Gear Belt	1	
23140A	Electric Eye	1	15	GGD540L050	Gear Belt	1	
AAEHSKQ	Switch, Hall Effect	1	23	MMJ510	Eyelet	2	24
AAPR025IF2B	Shock Absorber	1	23	SN11316	Needle	100	
EEFE-RR2	Reflective Tape	3'		SN62X5924	Needle	100	

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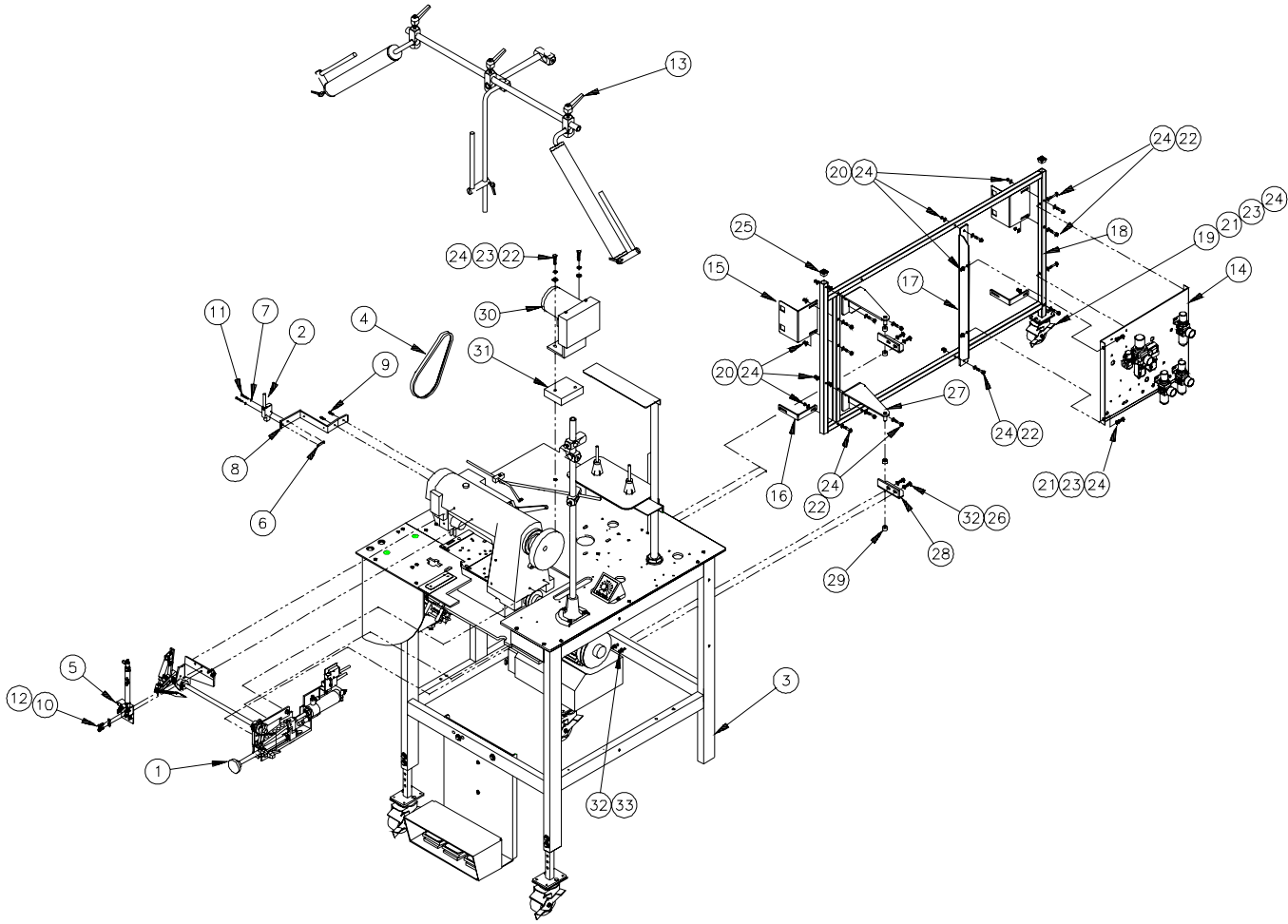


11335SAS88A Semi-Auto Pillowtop Ruffler

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG	
1	11334AQY28A	Semi-Auto Flanger	1	37	8	ZZV1335SA	Instructional Video	1
2	1335160	Air Table Assy	1		9	1334A-WD	Wiring Diagram	AR 48
3	1335SA-300	Folder Assembly	1	21	10	1335093	Washer Plate	2
4	1335SA-301	Folder/Slide Pivot Assy	1	23	11	WWL1/4	Lock Washer	4
5	1335SA-425	Console Assy	1	13	12	SSHC01080	Screw, Hex Cap	4
6	1335SAQ-PD	Pneumatic Diagram	AR	46	13	ZZ1335SAS88A	Technical Manual	1
7	1335S-WD	Wiring Diagram	AR	47	AAC Drawing Number 192772C Rev. 1			

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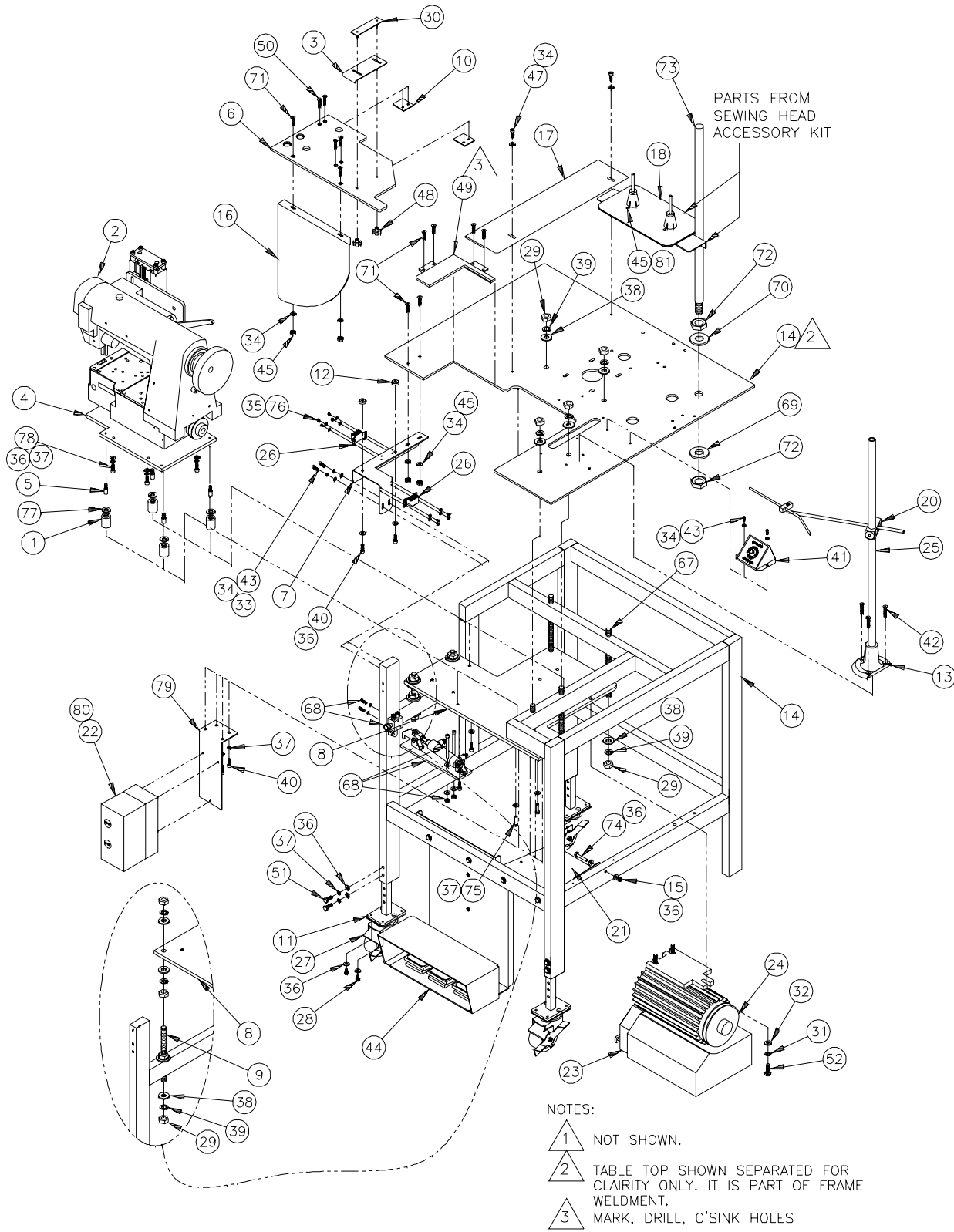


1335SA-425 Console Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG	
1	1335Q-02	Ruffler Drive Assembly	1	19	17	1335079	Panel Brkt	1
2	FFSM312LVQ	Electric Eye	1		18	1335180	Panel Frame	1
3	1335SA-400	Table, Stand & Motor	1	15	19	MM427-3RB	Caster	1
4	ZX3831	V Belt	1		20	NNK1/4-20	Kep Nut	16
5	1335Q-450	Thread Pull-Offs	1	24	21	SSHC01040	Screw, Hex Cap	6
6	1975-412A	Nut Plate	1		22	SSHC01096	Screw, Hex Cap	16
7	WWL4	Lock Washer	2		23	WWL1/4	Lock Washer	8
8	1325-4480A	Sensor Mount	1		24	WWFS1/4	Flat Washer	36
9	SSSC90040	Screw, Socket Cap	2		25	MM132-1202	End Cap	2
10	SSBC90016	Screw, Button Cap	2		26	SSHC01128	Screw, Hex Cap	4
11	SSPS70064	Screw, Pan Head	2		27	1335170	Arm Weldment	2
12	WWF8	Flat Washer	2		28	1335-134	Hinge Plate	2
13	1335A-430	Roller Assy	1		29	CCCL8F	Clamp Collar	2
14	1335150	Pneumatic Panel Assy	1		30	1335-120	Puller Drive Assy	1
15	1335074	Mount Plate	2		31	1335056	Spacer	1
16	1335073	Leg Brkt	2		AAC Drawing Number 190239A Rev. 1			

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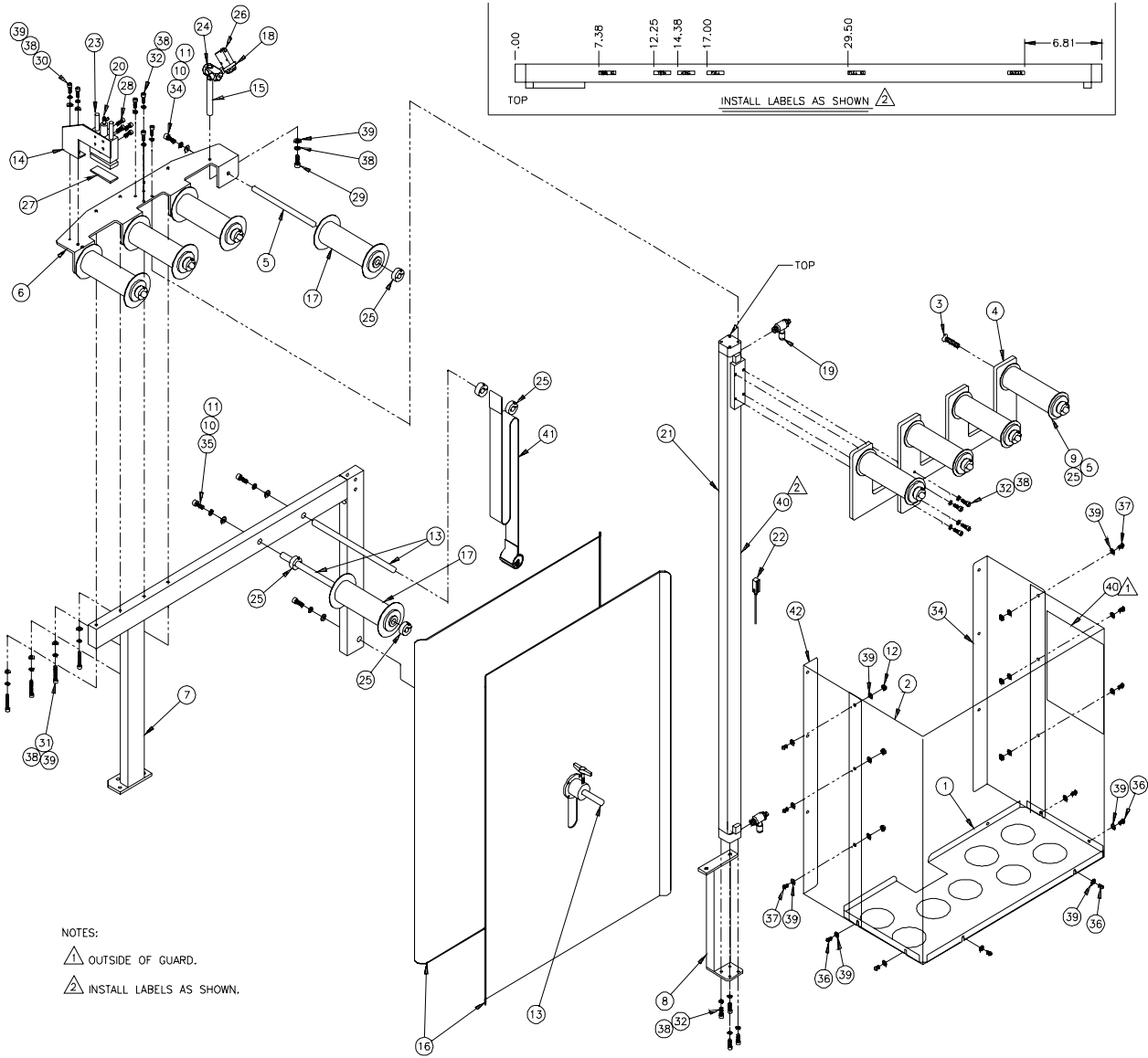
1335SA-400 Table, Stand & Motor

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1335-406A	Isolator Mount	4	43	SSSC98024	Screw, Socket Cap	4
2	1335A-10	Head Assembly	1	44	132556-012	Foot Pedal Assembly	1
3	1325-4421B	Edge Guide	1	45	NNK10-32	Kep Nut	6
4	1335-407	Adaptor Plate	1	46	1335S-WD	Wiring Diagram	AR 47
5	1335-408	Stud	4	47	SSSC98032	Screw, Socket Cap	2
6	132556-137F	Table Top, Front	1	48	TTCL1BPPK1	Knob	2
7	132556-141A	Brkt, Table, Left	1	49	1335-402	Table Extension	1
8	132556-144B	Plate, Mounting	1	50	SSFC98024	Screw, Flat Allen	4
9	132556-145	Threaded Rod	2	51	SSHC01048	Screw, Hex Cap	6
10	132556-149A	Plate, Latch	2	52	SSHC10064	Screw, Hex Cap	3
11	1961-115	Leg	3	53	12788-502	Cable, 4 Cond, 6'	1
12	1335-006	Button	2	54	12788-502A	Cable, 4 Cond, 4'	1
13	AP-1721	Base	1	55	1335SQ-PD	Pneumatic Diagram	AR 44
14	1335-100	Frame Assembly	1	56	40-312	Cable, Panasonic	1
15	NNK1/4-20	Kep Nut	3	57	4003-MASBUS	Cable, Thread Break	2
16	1335-174	Brkt, Shelf	1	58	1335S-500	Electrical Control Panel	1
17	1335-414	Skid Plate	1	59	AP-28-800C	Control Box	1
18	1959-112	Plate, Thread, 2 Pos.	1	60	4080-4508	Cable, Step Motor	1
19	1278-6335B	Adaptor, Medium Speed	1	61	4080-4509	Cable, Serial Bus	1
20	28201	Block, Cross	1	62	1278-6336	Cable	1
21	132556-134A	Step Box Mount	1	63	1278-6335E	Cable	1
22	EEXLS4CS4MM	Motor Starter	1	64	1278-6333	Cable	1
23	4059-D7-NS	PanaServo AC Motor	1	65	EE17518	Power Cord	1
24	4059-PM75	Pulley	1	66	23140A	Electric Eye	1
25	97-1711	Tube, 3/4x30	1	67	132556-145A	Threaded Rod	4
26	MM1676A12	Catch, Magnetic	2	68	1335-139	Clamp & Switch	1 32
27	MM427-3RB	Caster	3	69	WWSW3/4	Spring Washer	1
28	SSHC01040	Screw, Hex Cap	12	70	WWF3/4	Flat Washer	1
29	NNJ1/2-20	Jam Nut	24	71	SSFC98048	Screw, Flat Allen	8
30	1325-4425	Plate, Clamp	1	72	NNJ3/4-16	Jam Nut	2
31	WWL5/16	Lock Washer	3	73	1334-1004	Tube, Thread Stand	1
32	WWFS5/16	Flat Washer, SAE	3	74	SSHC01096	Screw, Hex Cap	3
33	WWL10	Lock Washer	2	75	SSHC01064	Screw, Hex Cap	4
34	WWFS10	Flat Washer, SAE	10	76	SSPS80016	Screw, Pan Slotted	8
35	WWFS6	Flat Washer, SAE	8	77	WWU1/2	Urethane Washer	4
36	WWFS1/4	Flat Washer, SAE	32	78	SSSCM6X30	Screw, Socket Cap	4
37	WWL1/4	Lock Washer	18	79	265192A	Brkt	1
38	WWFS1/2	Flat Washer, SAE	24	80	SSSC90032	Screw, Socket Cap	3
39	WWL1/2	Lock Washer	24	81	SSPP98024	Screw, Pan Head	2
40	SSSC01024	Screw, Socket Cap	6	82	1335Q-10M	Head Modification	AR
41	1335-925	Push Button, Accum.	1				29
42	SSFC01048	Screw, Flat Allen	3				

AAC Drawing Number 190240A Rev. 1

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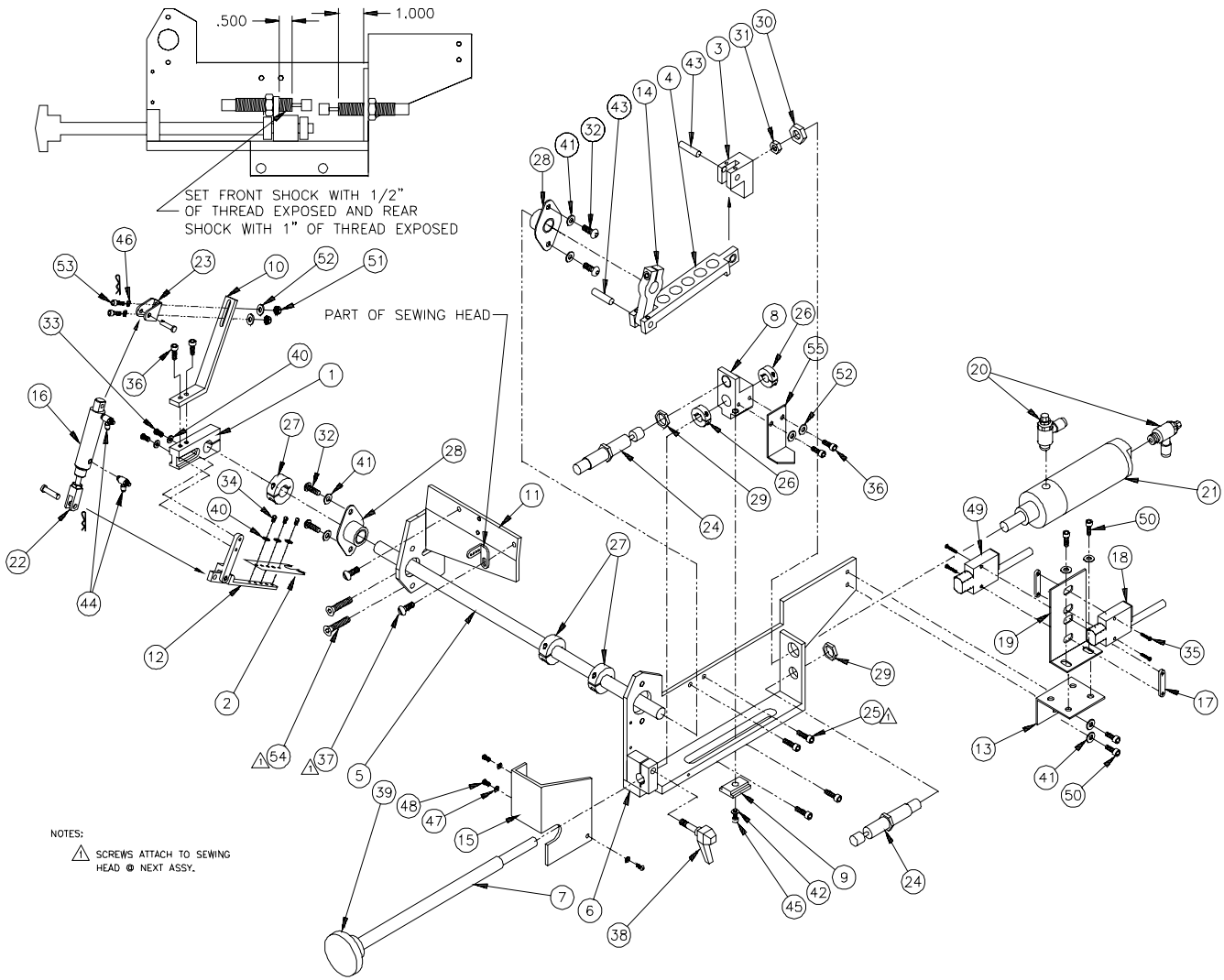
1335Q-800A Accumulator Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1335-011	Trough Bottom	1	22	AACR25813R	Reed Switch	1
2	1335-012	Accumulator Guard	1	23	AACTE021B	Air Cylinder, Guided	1
3	SSFC01056	Screw, Flat Allen	4	24	A-U1	Cross Block	1
4	1335-802	Plate, RollerMntg., Actuate.	1	25	CCCL8F	Clamp Collar	12
5	1335-803	Rod	8	26	FFSM312LVQ	Electric Eye	1
6	1335-804A	Plate, RollerMntg., Statnry.	1	27	MMLSSBB01210	Foam	3"
7	1335-805B	Brkt, Accum. Mntg. Top	1	28	SSSC90064	Screw, Socket Cap	4
8	1335-809	Brkt, Accum. Mtg. Lower	1	29	SSSC95040	Screw, Socket Cap	1
9	1335-814	Roller Assembly	4	30	SSSC98040	Screw, Socket Cap	2
10	WWL1/4	Lock Washer	7	31	SSSC98144	Screw, Socket Cap	4
11	WWFS1/4	Flat Washer, SAE	7	32	SSSCM5X16	Screw, Socket Cap	12
12	NNK10-32	Kep Nut	6	33	SSSC01064	Screw, Socket Cap	2
13	1335-816	Rod	3	34	1335-012E	Left Mount	1
14	1335-824	Mount, Accum. Brake	1	35	SSSC01032	Screw, Socket Cap	2
15	33025017	Rod	1	36	SSBC98024	Screw, Button Cap	6
16	784B-2436	36" Disc	2	37	SSBC98040	Screw, Button Cap	6
17	1335-814A	Roller	5	38	WWL10	Lock Washer	19
18	97-1253A	Sensor Mntg. Brkt	1	39	WWFS10	Flat Washer, SAE	25
19	AA198-2201	Flow Control	2	40	1335-LAB1	Label	AR
20	AA198RA510	Flow Control	2	41	1335-825	Tension Strap	1
21	AACR251117A	Cylinder, Rodless	1	42	1335-012D	Right Mount	1

AAC Drawing Number 192792C Rev. 3

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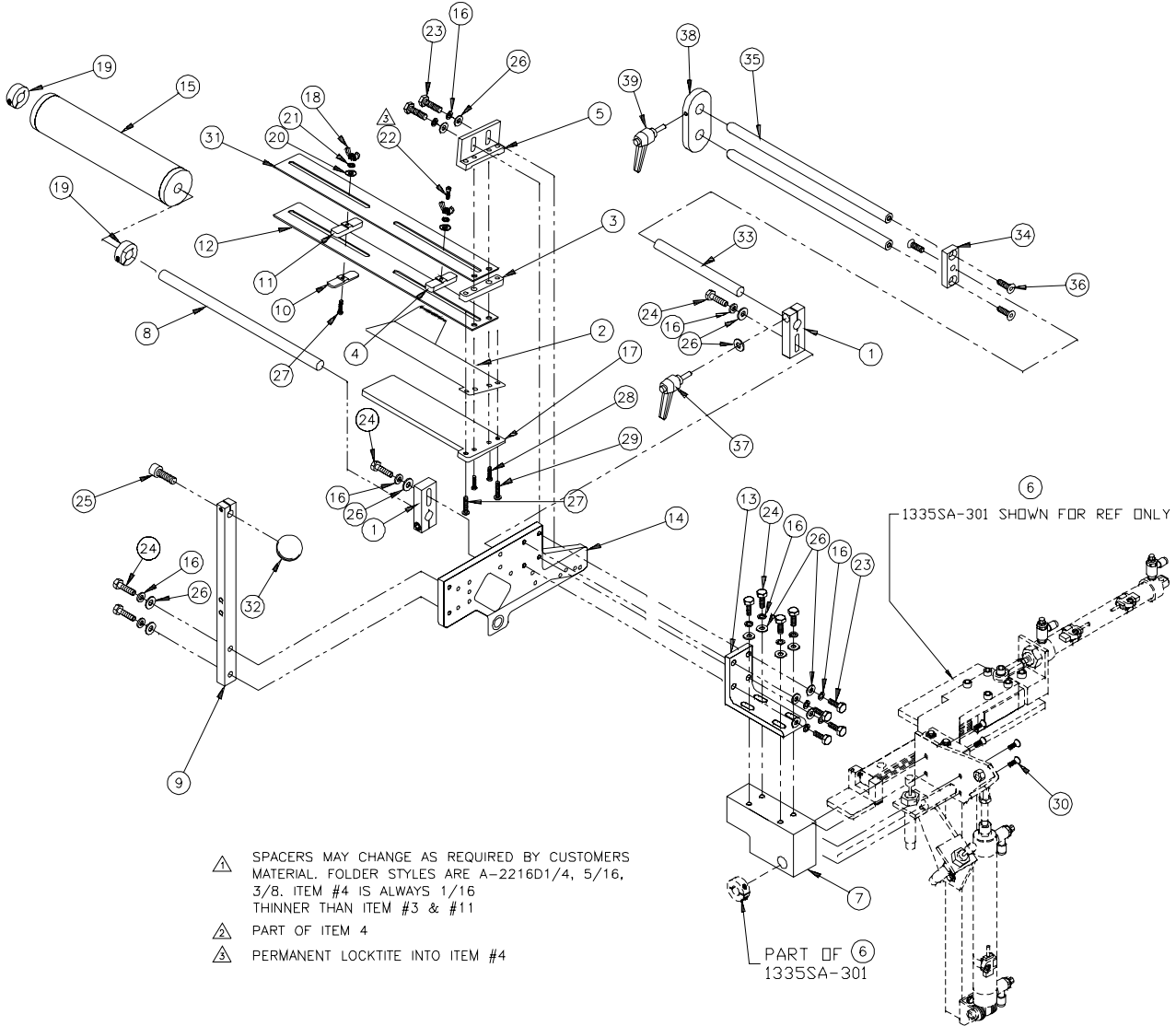
1335Q-02 Ruffler Drive Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1325-1C	Arm	1	28	MMBFM500B	Bearing, Self Aligning	2
2	1325-3602B	Blade	1	29	NNJ1/2-20	Jam Nut	2
3	1325-4104	Clevis	1	30	NNJ3/4-16	Jam Nut	1
4	1325-4105A	Drive Yoke	1	31	NNJ5/16-24	Jam Nut	1
5	1325-4109A	Shaft	1	32	SSBC98024	Screw, Button Cap	4
6	1325-4113C	Mount Bracket	1	33	SSSC85032	Screw, Socket Cap	2
7	1325-4114	Rod	1	34	SSM87U	Screw, Fillister Hd	3
8	1325-4115A	Block	1	35	SSPS70048	Screw, Pan Hd, Slotted	4
9	1325-4116	T-Nut	1	36	SSSC90024	Screw, Socket Cap	2
10	1325-4121	Mount Arm	1	37	SSM84-566	Screw, Pan Slotted	1
11	1325-5198D	Left Side Brkt	1	38	TTH32416	Handle	1
12	1325-5B-6	Ruffler Blade Holder	1	31	TTK32315	Torque Knob	1
13	1325-4122	Eye Brkt	1	40	WWB6S	Brass Washer	5
14	1335-005A	Drive Arm	1	41	WWFS10	Flat Washer, SAE	8
15	1335-010A	Guard	1	42	WWFS1/4	Flat Washer, SAE	1
16	AAC8DP-.5	Air Cylinder	1	43	IID016X064	Dowel Pin	2
17	1975-412A	Nut Plate	2	44	AA198RA510	Flow Control	2
18	23140A	Electric Eye	1	45	SSSC01040	Screw, Socket Cap	1
19	1325-4123	Eye Brkt	1	46	WWL8	Lock Washer	2
20	AA198RA408	Flow Control	2	47	WWFS6	Flat Washer, SAE	3
21	AAC122-D	Air Cylinder	1	48	SSBC80024	Screw, Button Cap	3
22	AAFCT-8	Clevis	1	49	FFSM312LVQ	Electric Eye	1
23	AAFBP-8C	Pivot Brkt	1	50	SSSC98024	Screw, Socket Cap	4
24	AAPR025IF2B	Shock Absorber	2	51	NNK8-32	Kep Nut	2
25	SSSCM4X10	Screw, Socket Cap	4	52	WWF8	Flat Washer	2
26	CCCL6F	Clamp Collar, 3/8	2	53	SSSC90032	Screw, Socket Cap	2
27	CCCL8F	Clamp Collar, 1/2	3	54	SSFCM5X10	Screw, Flat Allen	2

AAC Drawing Number 192588C Rev. 5

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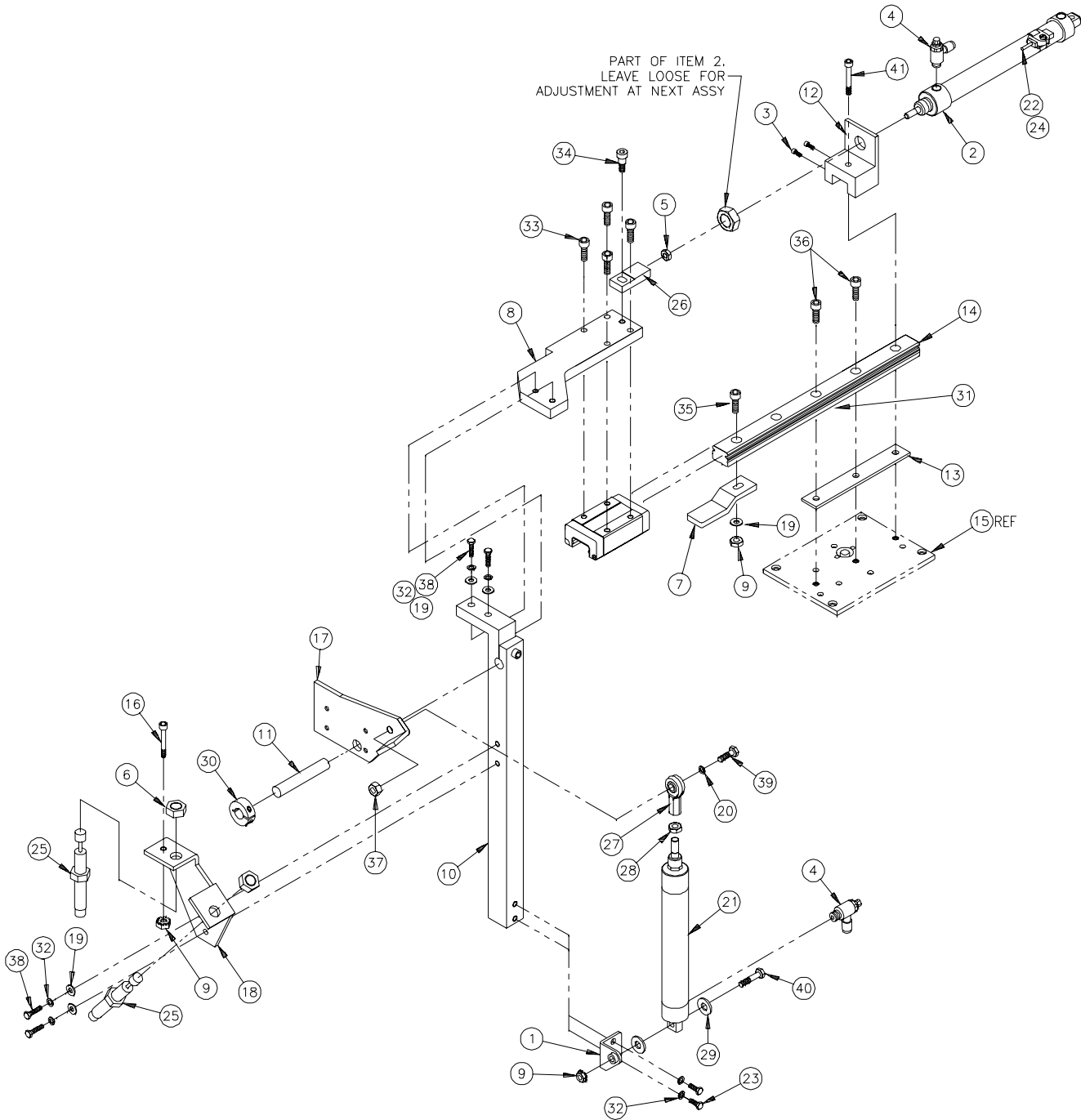


1335SA-300 Folder Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1325-346	Rod Mount	1	21	WWL10	Lock Washer	2
2	1325-3773E	Stripper Blade	1	22	SSSC98032	Screw, Socket Cap	1
3	A-2216D44	Spacer	1	23	SSHC01048	Screw, Hex Cap	6
4	A-2216D53	Spacer	1	24	SSHC01064	Screw, Hex Cap	8
5	1325-4449E	Angle, Folder Mnt.	2	25	SSSC25064	Screw, Socket Cap	1
6	1335A-301	Folder Slide/Pivot Assy	REF.	26	WWFS1/4	Flat Washer	14
7	1335-302D	Pivot Block	1	27	SSBC98064	Screw, Button Cap	2
8	1335-344E	Rod	1	28	SSBC01048	Screw, Button Cap	2
9	1335-317A	Arm, Rod Support	1	29	SSBC98048	Screw, Button Cap	1
10	A-2216D22	T-Nut	1	30	SSFC98032	Screw, Flat Allen	4
11	A-2216D34	Guide	1	31	A-2216C04	Plate, Top Folder	1
12	A-2216C03	Folder Plate	1	32	SSMBK3	Knob	1
13	1335-342	Angle, Folder Mnt	1	33	1335-816B	Tension Rod Pivot	1
14	1335-343C	Plate, Folder Mnt	1	34	1335-319C	Tension Rod Mnt	1
15	33005632	Roller	1	35	1335-803	Rod, 1/2 x 10.75	2
16	WWL1/4	Lock Washer	14	36	SSFC01048	Screw, Flat Allen	3
17	A-2217M	Clamp Plate	1	37	TTH32415	Threaded Handle	1
18	NNW10-32	Wing Nut	2	38	1961-211B	Edge Guide	1
19	CCCL8F	Clamp Collar	2	39	TTH34311	Threaded Handle	1
20	WWFS10	Flat Washer	2	AAC Drawing Number 190241A Rev. 3			

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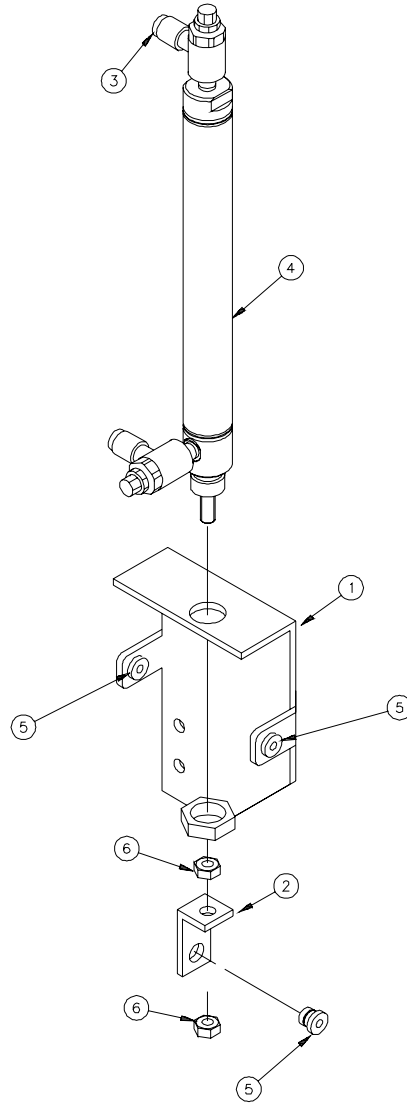


1335SA-301 Folder Slide/Pivot Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1278-6310A	Cylinder Mount	1	22	AAEHSKQ	Switch, Hall Effect	1
2	AACMRS046DXPB	Air Cylinder	1	23	SSHC01032	Screw, Hex Cap	2
3	SSSC98032	Screw, Socket Cap	2	24	AAFD35456-6	Band, Cylinder	1
4	AA198RA508	Flow Control	2	25	AAPR025IF2B	Shock Absorber	2
5	NNJ1/4-28	Jam Nut	1	26	1335-345	Rod Link	1
6	NNJ1/2-20	Jam Nut	2	27	BBAW-5Z	Rod End	1
7	1335-007A	Front Support	1	28	NNJ5/16-24	Jam Nut	1
8	1335-301C	Extension Bracket	1	29	BBTT601	Oillite Washer	2
9	NNK1/4-20	Kep Nut	3	30	CCCL8F	Clamp Collar	1
10	1335-304A	Hinge Bracket	1	31	MMAGH25CA	Bearing Block	1
11	1335-305	Rod	1	32	WWL1/4	Lock Washer	6
12	1335-306A	Stop Block	1	33	SSSCM6X20	Screw, Socket Cap	4
13	1335-307A	Spacer	1	34	SSAS020024	Screw, Allen Shoulder	1
14	MMAGR25303	Rail	1	35	SSSC01064	Screw, Socket Cap	1
15	1335-405	Plate, Modified	1	36	SSSC05064	Screw, Socket Cap	2
16	SSSC01096	Screw, Socket Cap	1	37	NNJ5/16-18	Jam Nut	1
17	1335-311	Pivot Bracket	1	38	SSHC01064	Screw, Hex Cap	4
18	1335-312	Shock Mount Brkt	1	39	SSHC10064	Screw, Hex Cap	1
19	WWFS1/4	Flat Washer, SAE	5	40	SSHC01080	Screw, Hex Cap	1
20	WWL5/16	Lock Washer	1	41	SSSC05128	Screw, Socket Cap	1
21	AACMRS094DXPB	Air Cylinder	1	AAC Drawing Number 190242A Rev. 0			

From the library of: Diamond Needle Corp





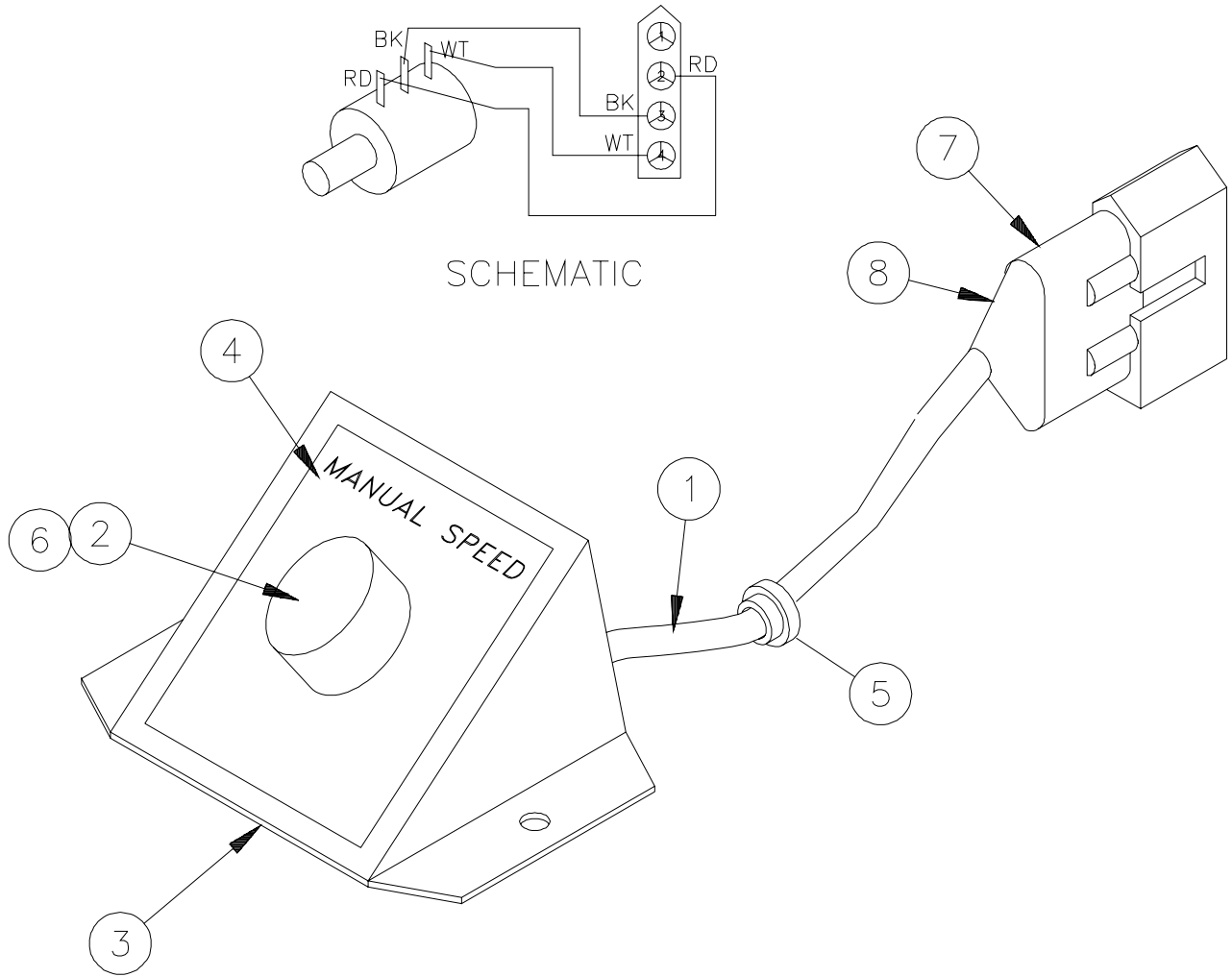
From the library of: Diamond Needle Corp

1335Q-450 Thread Pull-Off Assemblies

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1335-453B	Cylinder Bracket	1	4	AACNR024-D	Air Cylinder	1
2	1335-456	Thread Puller	1	5	MMJ510	Eyelet	3
3	AA198RA510	Flow Control	2	6	NNH10-32	Hex Nut	2

AAC Drawing Number 192596C Rev. 0





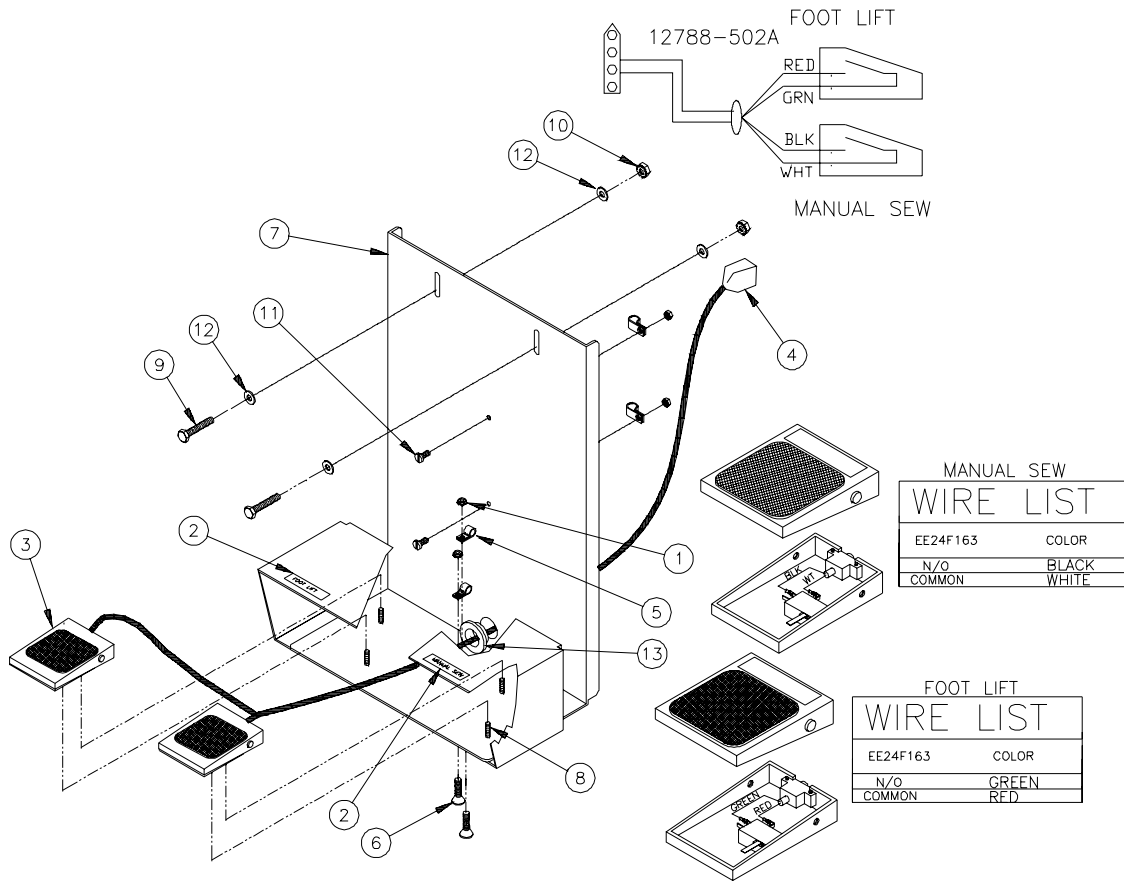
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1278-6335D Speed Control Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	FF36F041WA Cable, 4 Cond, 22GA	5'		5	W17 Cord Clamp	1	
2	FFRPOT203A 20K POT., 10 TRN	1		6	FF274-416 Knob	1	
3	26100 Box	1		7	FF274-224 4 Pin Conn.	1	
4	1278-6335L Label	AR		8	FF274-224A Back Shell	1	

AAC Drawing Number 125773A Rev. 0



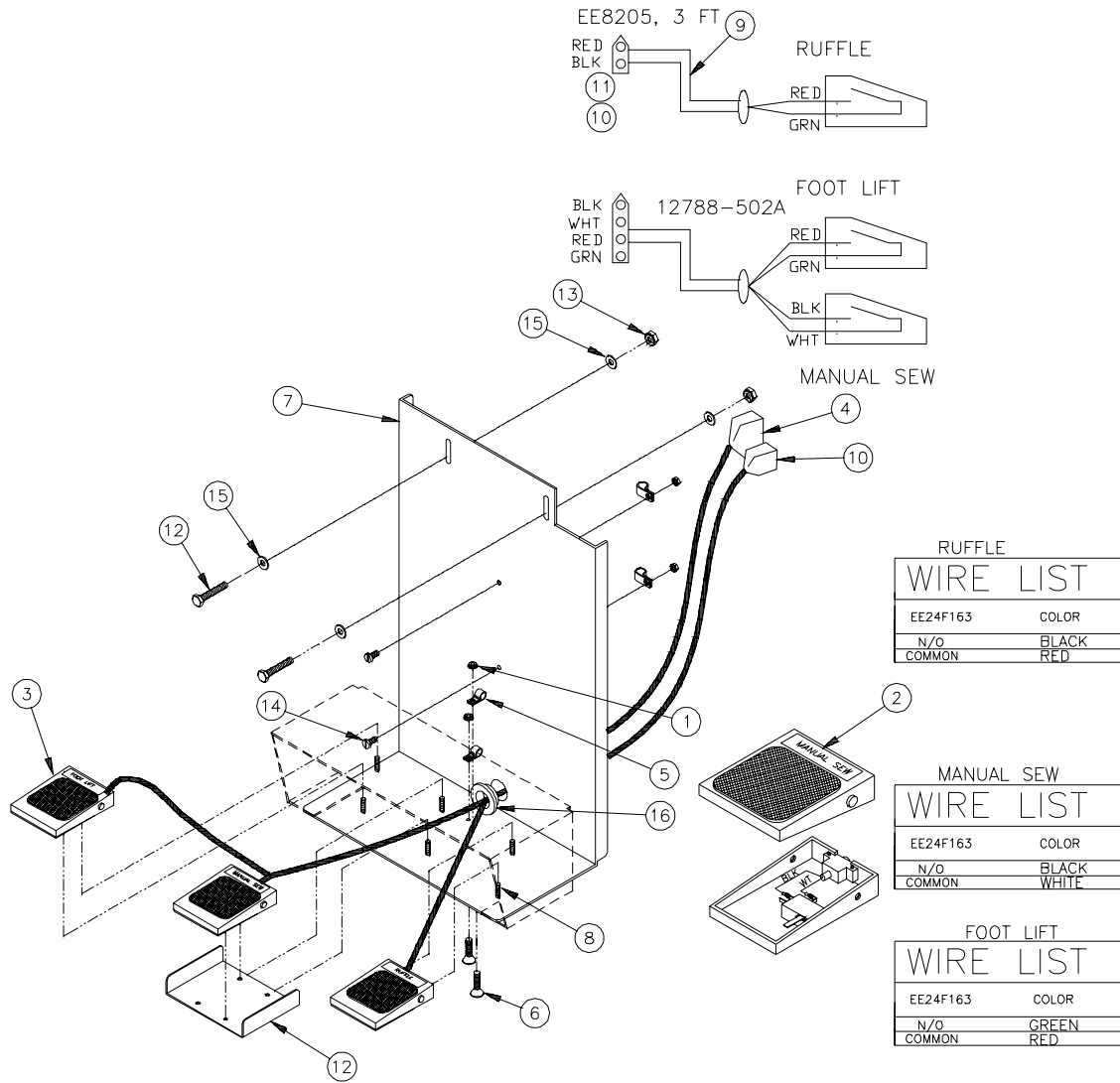


132556-011 Dual Foot Pedal Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	NNK6-32	Kep Nut	4	8	SSFC80016	Screw, Flat Allen	4
2	132556-012L	Label	AR	9	SSHC01096	Screw, Hex Cap	2
3	1278-6161	Foot Switch, Mod.	2	10	NNK1/4-20	Kep Nut	2
4	12788-502A	Cable Assembly	1	11	SSPS80024	Screw, Pan Hd, Slotted	2
5	AAF3/16	Clamp	4	12	WWFS1/4	Flat Washer, SAE	4
6	SSFC80024	Screw, Flat Allen	2	13	MM9600K36	Rubber Grommet	1
7	132556-010	Plate, Foot Pedal	1	AAC Drawing Number 125506B Rev. 3			

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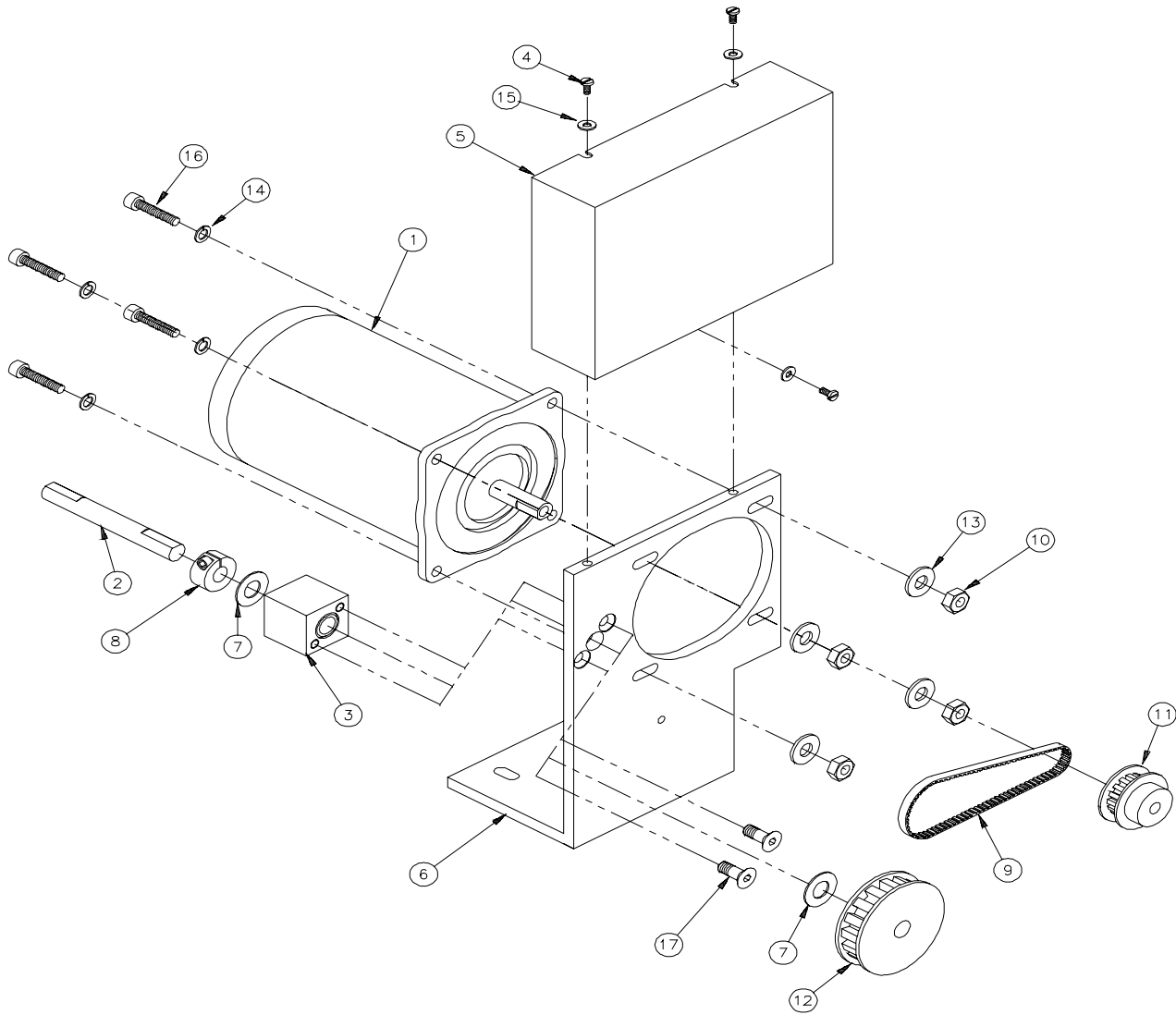


132556-012 Triple Foot Pedal Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	NNK6-32	4		10	FF59F1802	1	
2	132556-012L	AR		11	FF31F1022	2	
3	1278-6161	3		12	132556-010E	1	
4	12788-502A	1		13	NNK1/4-20	2	
5	AAF3/16	4		14	SSPS80024	2	
6	SSFC80024	2		15	WWFS1/4	4	
7	132556-010A	1		16	MM9600K36	1	
8	SSFC80016	6		17	SSHC01096	2	
9	EE8205	3'		AAC Drawing Number 125832A Rev. 1			

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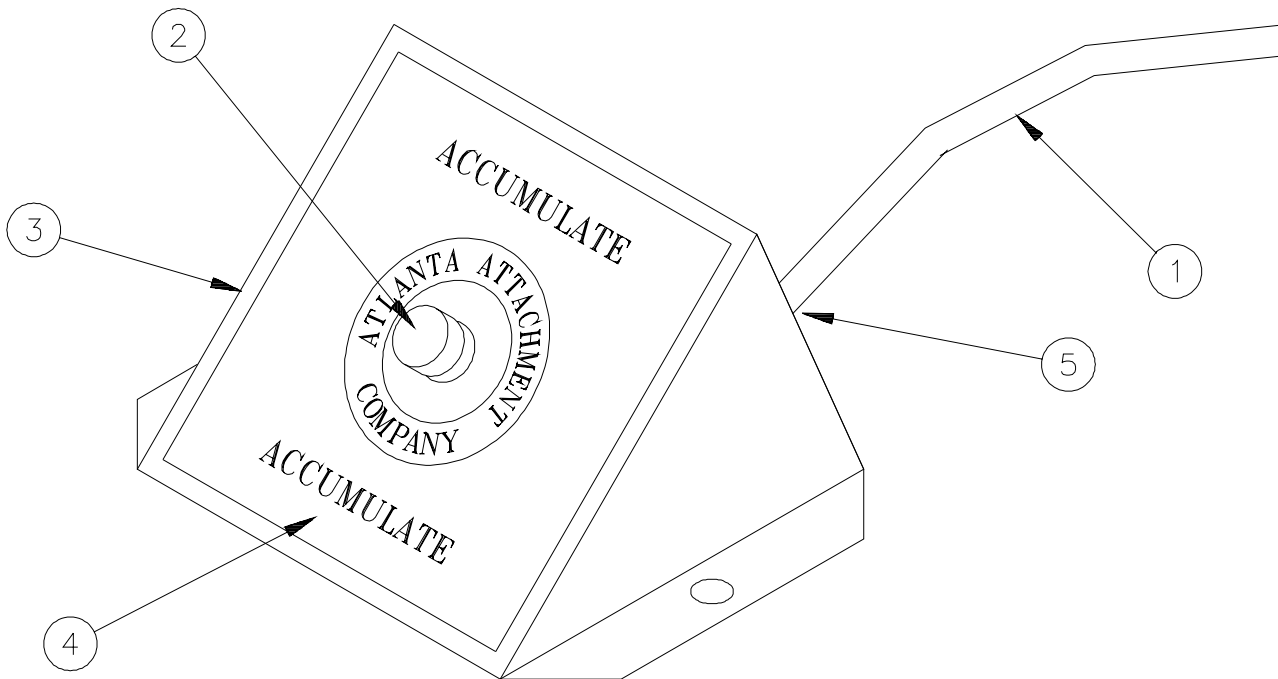


1335-120 Puller Drive Assy

From the library of: Diamond Needle Corp

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	011-020	Step Motor	1	10	NNH10-32	Hex Nut	4
2	1335-116	Shaft	1	11	3554	Gear Pulley	1
3	1335-119	Bearing Block	1	12	PP32AXL037M	Gear Pulley	1
4	SSPS80024	Screw, Pan Head	3	13	WWFS10	Flat Washer	4
5	1335-124	Guard	1	14	WWL10	Lock Washer	4
6	1335-125	Motor Mount	1	15	WWFS6	Flat Washer	3
7	3517	Thrust Washer	2	16	SSSC98048	Screw, Socket Cap	4
8	CCCL6F	Clamp Collar	1	17	SSFC98032	Screw, Flat Allen	2
9	GG100XL037	Gear Belt	1	AAC Drawing Number 192446C Rev. 1			



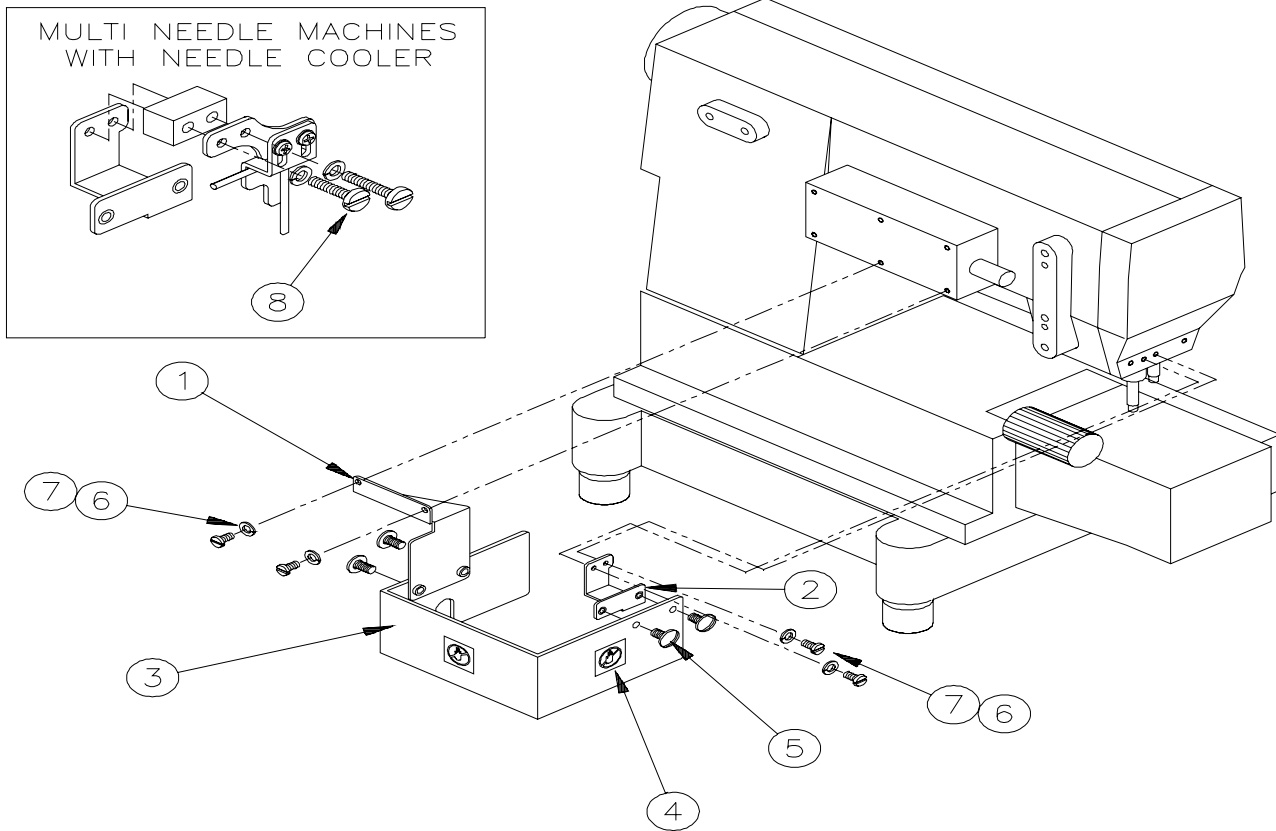


1335-925 Accumulator Push Button

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	EE8442	Cable	5'	4	1335-925L	Label	AR
2	FF23F118	Push Button	1	5	W17	Cord Clamp	1
3	26100F	Mount	1	AAC Drawing Number 125833A Rev. 1			

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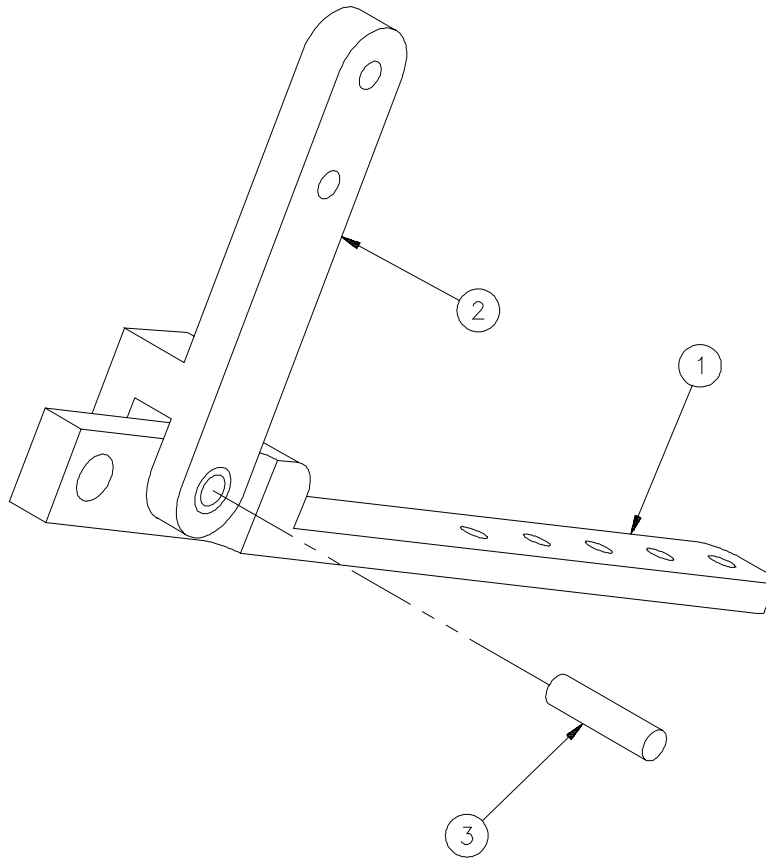
1959-412 Guard Assy

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1959-413	Guard Brkt	1	5	SSTS98020	Screw, Truss Slotted	4
2	1959-414	Guard Brkt	1	6	SSPSM4X10	Screw, Pan Slotted	4
3	1959-415	Lexan, Guard	1	7	WWL8	Lock Washer	4
4	26276E1	Caution Label	AR	8	SSPSM4X25	Screw, Pan Slotted	2

AAC Drawing Number 192050A Rev. 1

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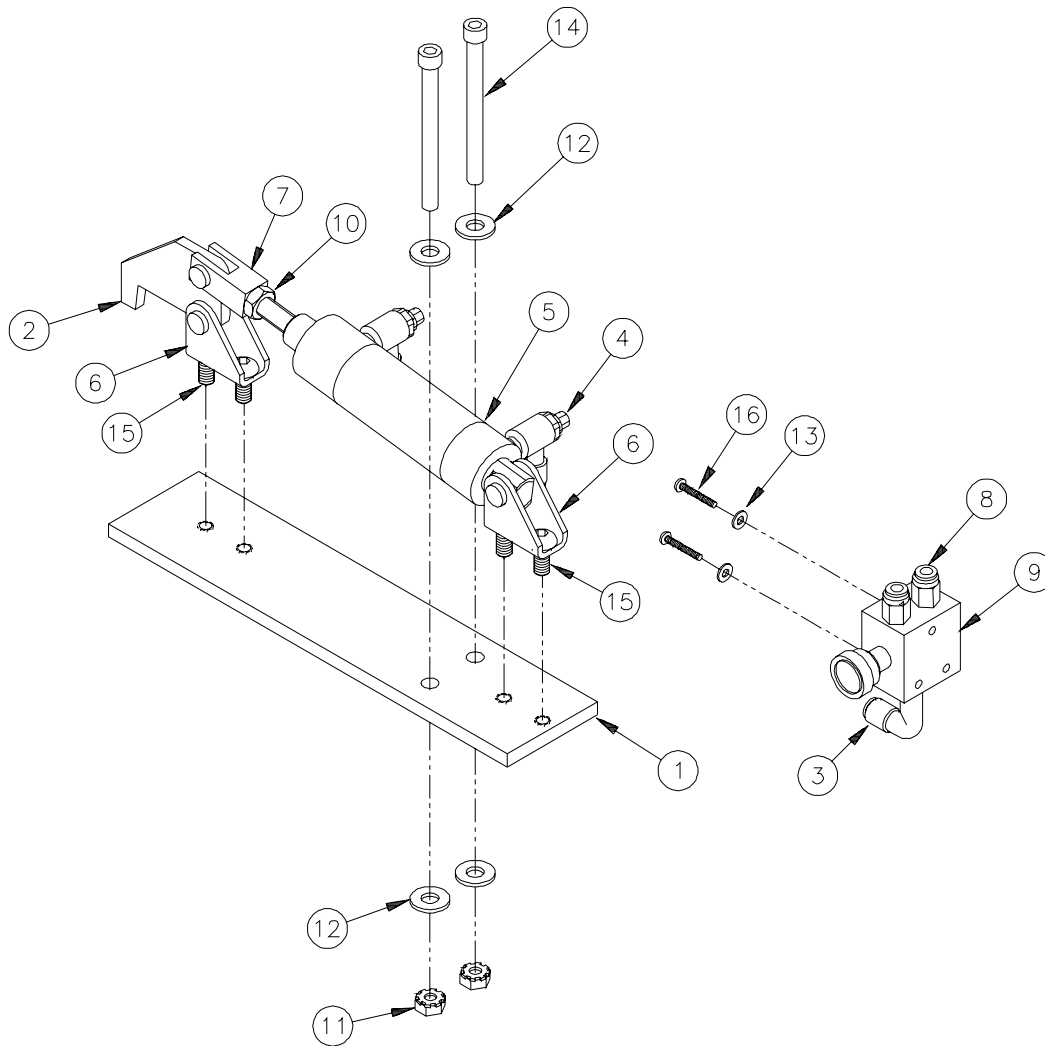


1325-5B-6 Ruffler Arm Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1325-5B	Blade Holder	1	3	IID008X032	Dowel Pin	1
2	1325-6	Blade Drive Arm	1	AAC Drawing Number 121017B Rev. 0			

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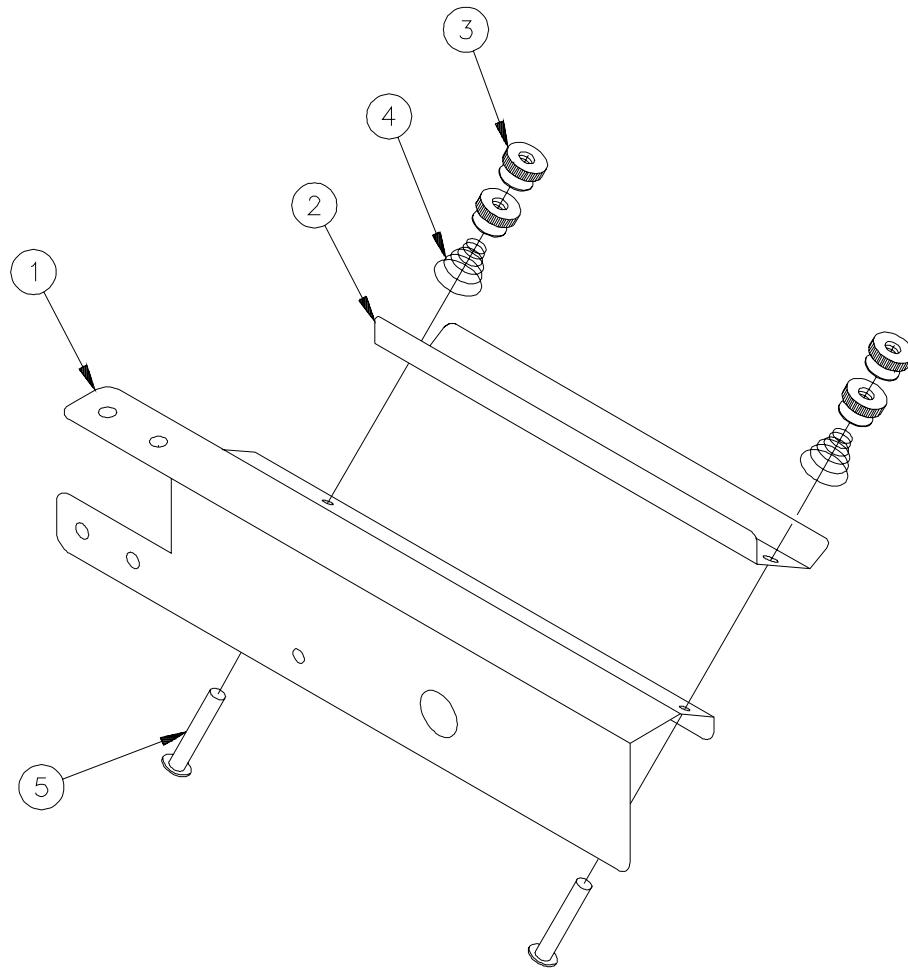
1335-139 Clamp & Switch Assembly

From the library of: Diamond Needle Corp

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1335-131	Plate	1	9	AAVMB43	Valve	1
2	1335-133	Latch, Air Lock	1	10	NNJ5/16-24	Jam Nut	1
3	AAQME-5-8	Quick Male Elbow	1	11	NNK1/4-20	Kep Nut	2
4	AA198RA508	Flow Control	2	12	WWFS1/4	Flat Washer	4
5	AAC6DP-1	Air Cylinder	1	13	WWFS6	Flat Washer	2
6	AAFBP-11C	Pivot Brkt	2	14	SSSC01176	Screw, Socket Cap	2
7	AAFCT-11	Clevis	1	15	SSBC01032	Screw, Button Cap	4
8	AAQMC-5-8	Quick Male Conn.	2	16	SSPS80080	Screw, Pan Head	2

AAC Drawing Number 192468C Rev. 0



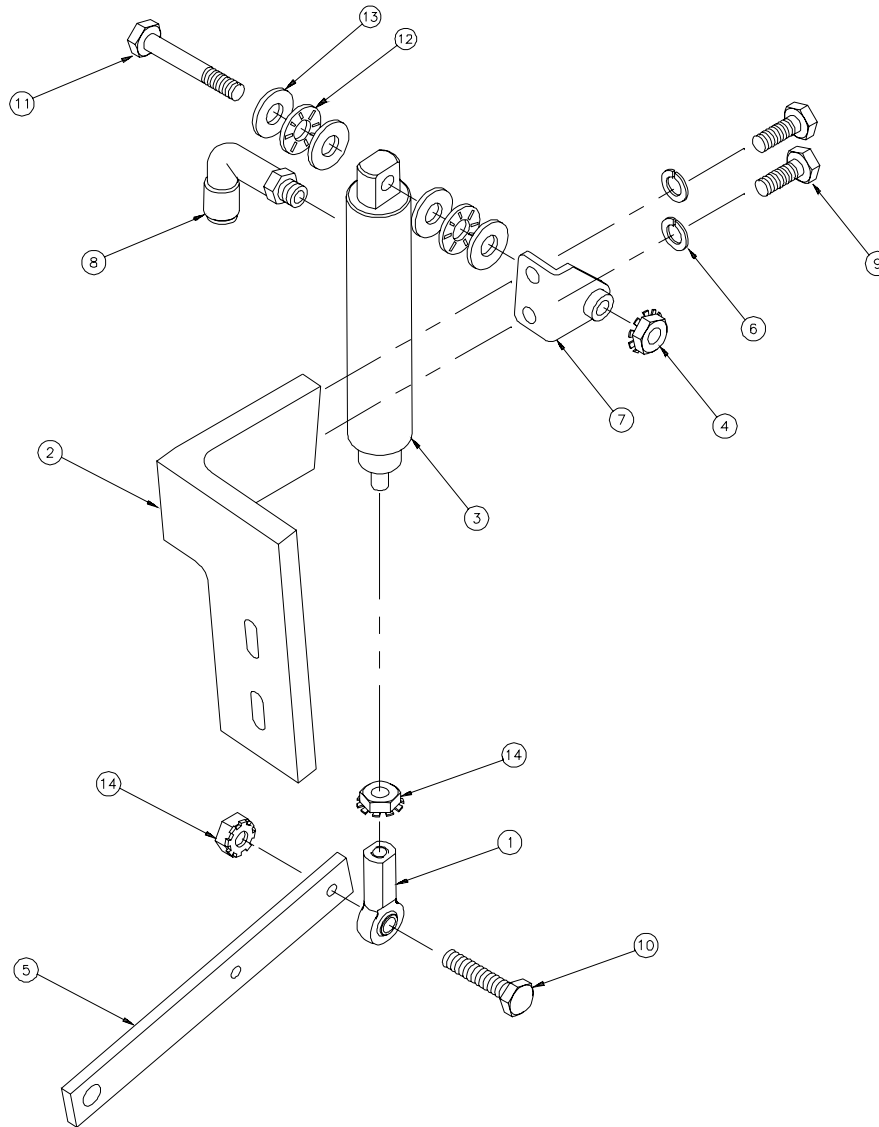


1334-2501 Tension Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1334-2005	Flange Guide	1	4	RRBEEHIVEL	Spring	2
2	1334-2015	Tension Strip	1	5	SSPS98096	Screw, Pan Head	2
3	NNT032	Thumb Screw	4	AAC Drawing Number 190227B Rev. 0			

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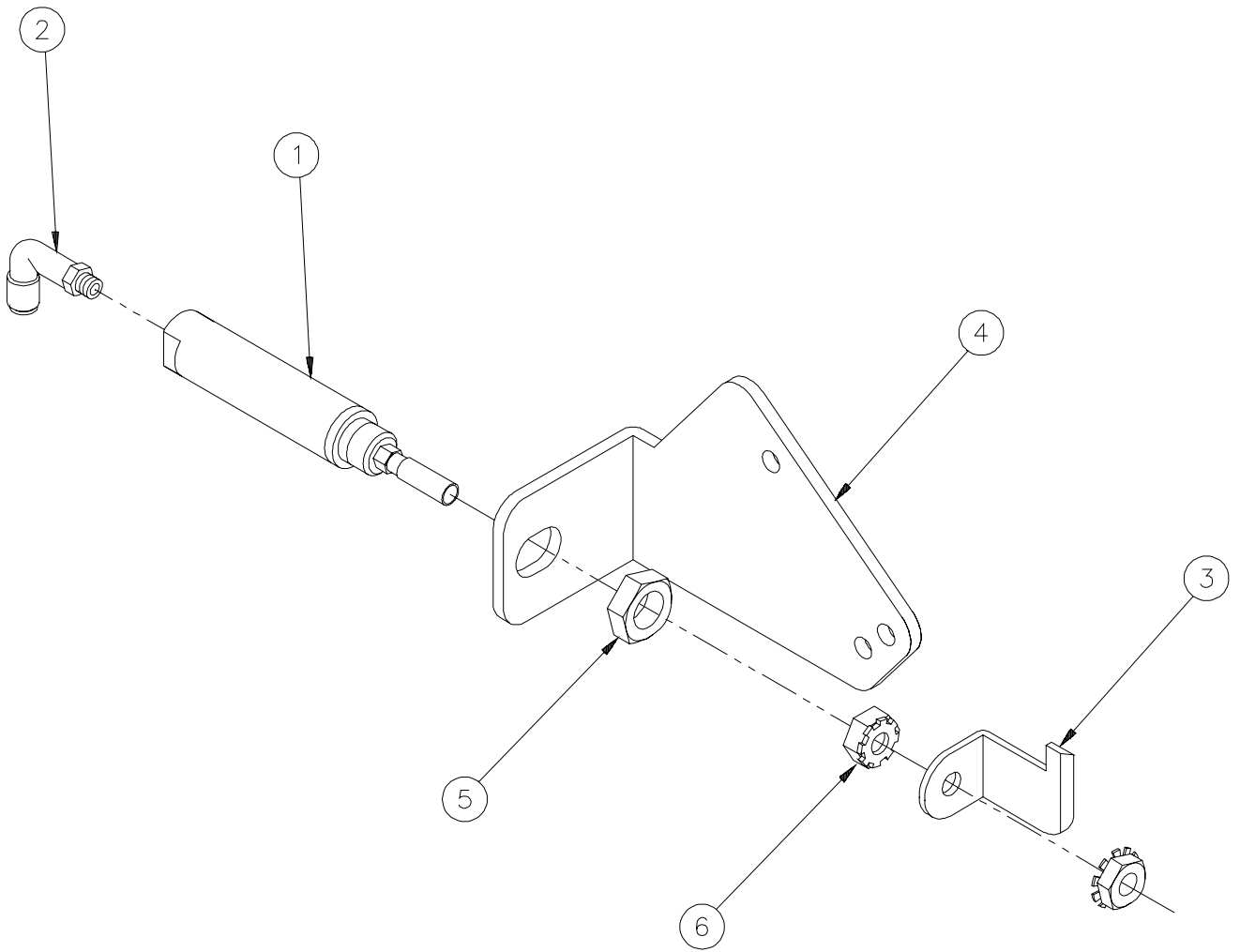
1335Q-110 Footlift Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	BBAW-5Z	Rod End Bearing	1	8	AAQME-5-8	Quick Male Elbow	1
2	1335-413	Footlift Bracket	1	9	SSHCO1032	Screw, Hex Cap	2
3	AAC6DP-2	Air Cylinder	1	10	SSHCO1064	Screw, Hex Cap	1
4	NNK1/4-20	Kep Nut	1	11	SSHCO1080	Screw, Hex Cap	1
5	1335-409	Footlift Lever	1	12	BBNTA411	Thrust Bearing	2
6	WWL1/4	Lock Washer	2	13	BBTRA411	Thrust Washer	4
7	1278-6310	Puller Mount	1	14	NNK5/16-18	Kep Nut	2

AAC Drawing Number 192590C Rev. 1

From the library of: Diamond Needle Corp





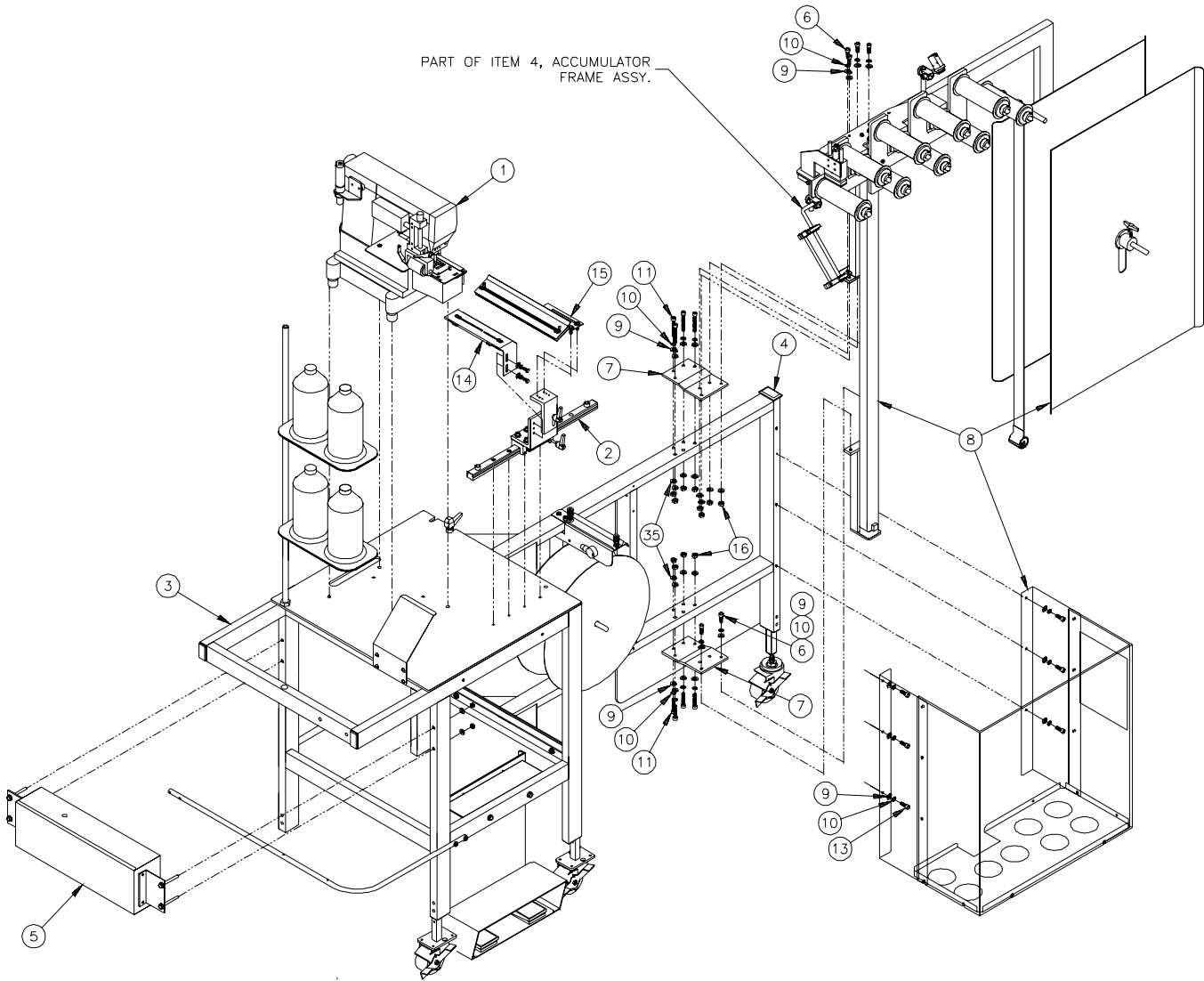
From the library of: Diamond Needle Corp

1335Q-460 Tension Opener Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	AAC8SH-.5 Air Cylinder	1		4	1325-4441 Mount	1	
2	AAQME-5-10 Quick Male Elbow	1		5	NNJ3/8-24 Jam Nut	1	
3	1325-4440 Tension Release Finger	1		6	NNK10-32 Kep Nut	2	

AAC Drawing Number 192597C Rev. 0





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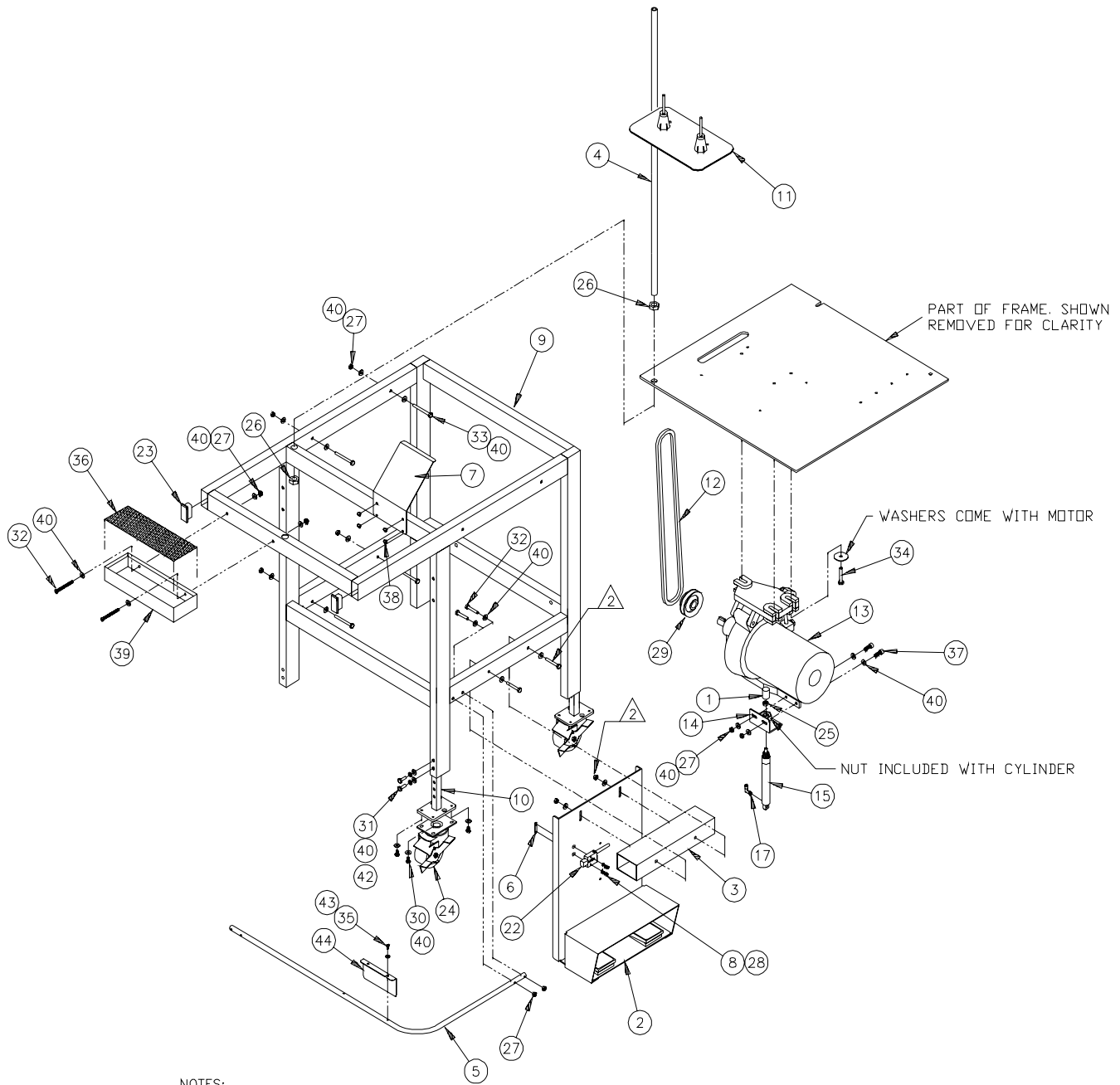
11334AQY28A Semi-Auto Flanging Unit

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1334-1000A Sewing Head Assy	1	43	9	WWFS1/4 Flat Washer	26	
2	1334-1100C Folder Mount Assy	1	42	10	WWL1/4 Lock Washer	14	
3	1334-2000 Frame Assy	1	39	11	SSSC01128 Screw, Socket Cap	8	
4	1334-2500 Accumulator Frame Assy	1	41	12	1334A-WD Wiring Diagram	AR	48
5	1334A-3000 Electrical Panel	1		13	SSSC98064 Screw, Socket Cap	6	
6	SSSC01064 Screw, Socket Cap	6		14	661-A19 Guide, Adj Flange	1	
7	1335-808A Brkt, Accum Mount	2		15	661-A18-5/16 Guide, Adj	1	
8	1335Q-800A Accumulator Assy	1	17	16	NNH1/4-20 Hex Nut	12	

AAC Drawing Number 190243A Rev. 1

From the library of: Diamond Needle Corp





- NOTES:
- △ NOT SHOWN
 - △ STRUCTURED ON SUB-ASSY (ITEM 2)

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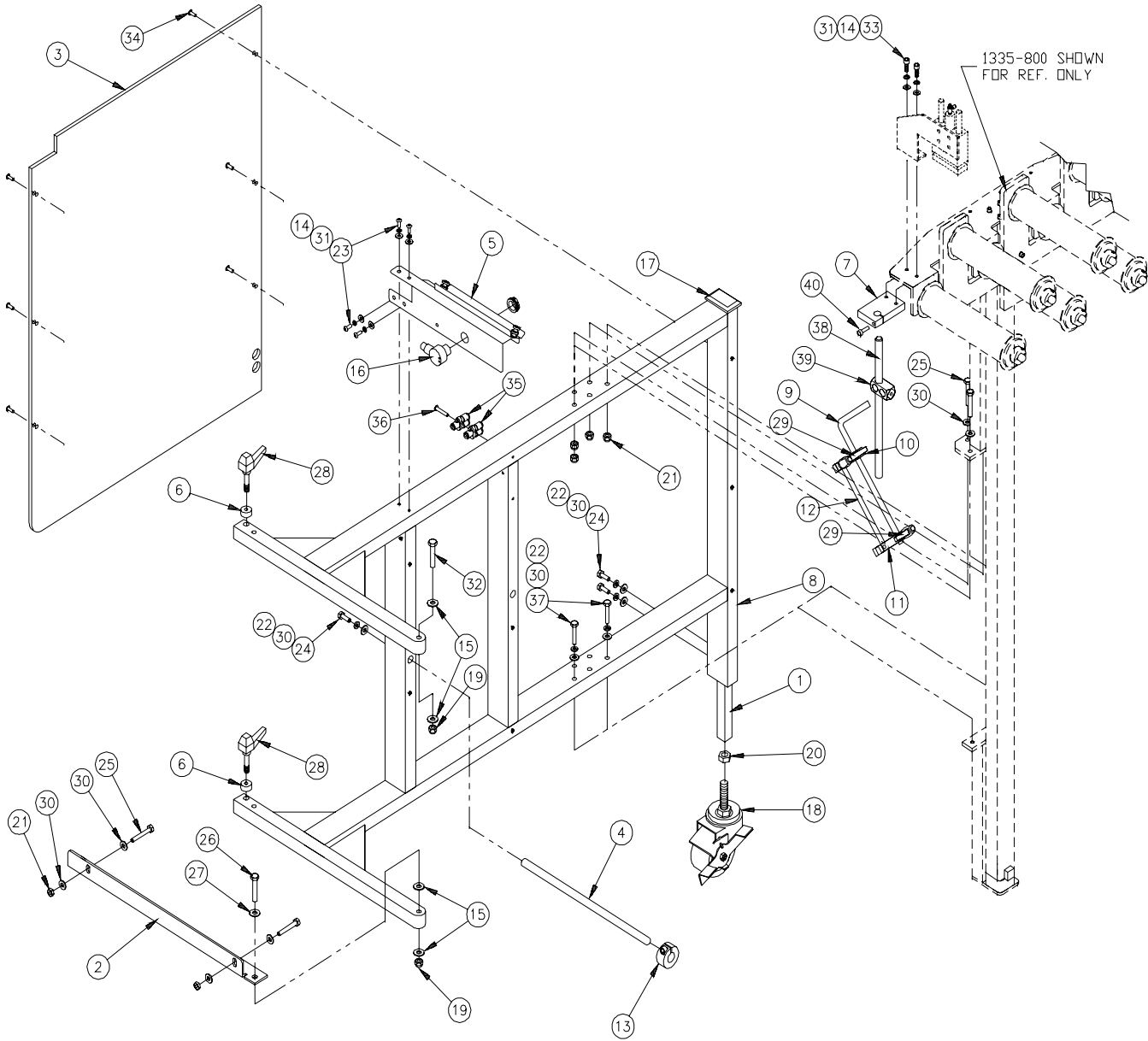
1334-2000 Frame Assembly

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	11200	Bumper	1	23	MM132-1496	End Cap	2
2	132556-011	Foot Pedal Assembly	1	26	MM427-3RB	Caster	2
3	132556-013	Spacer	1	25	NNJ1/4-28	Jam Nut	1
4	1334-1004	Thread Stand Support	1	26	NNJ5/8-18	Jam Nut	2
5	1334-2008	Slack Guard	1	27	NNK1/4-20	Kep Nut	10
6	1975-412A	Nut Plate	1	28	WWF4	Flat Washer	2
7	1334-2012	Guide	1	29	PPM622	Pulley	1
8	SSPS70048	Screw, Pan Head	2	30	SSHC01040	Screw, Hex Cap	8
9	1334-2100	Frame Assembly	1	31	SSHC01048	Screw, Hex Cap	4
10	1961-115	Leg Weldment	4	32	SSHC01096	Screw, Hex Cap	4
11	1959-112	Thread Plate	1	33	SSHC01160	Screw, Hex Cap	4
12	ZX3831	V Belt	1	34	SSHC10112	Screw, Hex Cap	3
13	4058-2	Clutch Motor	1	35	SSHC98024	Screw, Hex Cap	1
14	97-2602	Clutch Cylinder Brkt	1	36	1335-191	Non-Slip Pad	1
15	AAC7DP-2	Air Cylinder	1	37	SSSC01064	Screw, Socket Cap	2
16	AAF1/8	Plastic Clamp	8	38	SSTS98016	Screw, Truss Head	4
17	AAQME-5-8	Quick Male Elbow	1	39	1335-190	Tool Tray	1
18	FFHBL4570C	Plug, 3 Pole	1	40	WWFS1/4	Flat Washer, SAE	30
19	EE6X750	Cable Tie	25	41	FFRK44T3PD	Cable	1
20	FF19510	Cable, 3 Cond.	9'	42	WWL1/4	Lock Washer	4
21	FFHBL4579C	Connector, 3 Pole	1	43	WWFS10	Flat Washer	1
22	FFSM312LVQ	Electric Eye	1	44	1335-2025	Eye Brkt	1

AAC Drawing Number 192536C Rev. 8

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1334-2500 Accumulator Frame Assembly

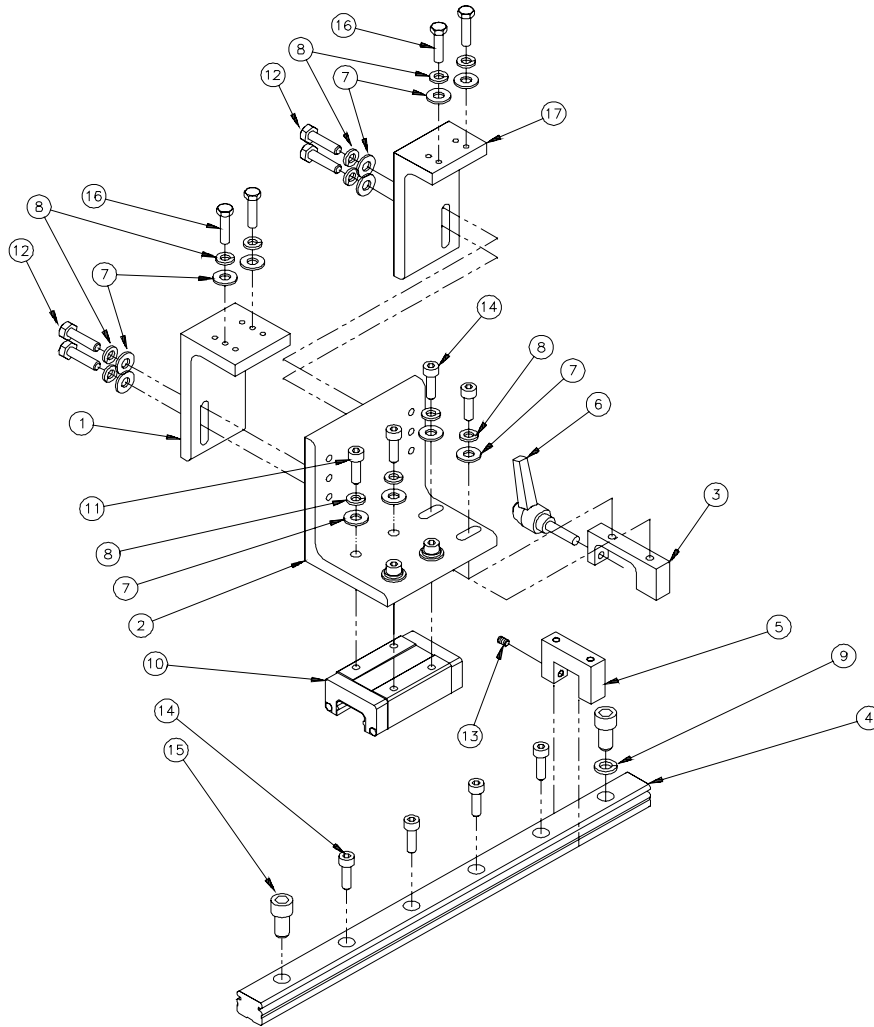
PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG	
1	26127	Leg	1	23	SSBC98032	Screw, Button Cap	4	
2	1334-2002	Accumulator Frame Sup.	1	24	SSHC01048	Screw, Hex Cap	3	
3	1334-2003	Cover	1	25	SSHC01112	Screw, Hex Cap	6	
4	1334-2004	Rod	1	26	SSHC10112	Screw, Hex Cap	1	
5	1334-2501	Tension Assy	1	33	27	WWFS5/16	Flat Washer, SAE	1
6	1334-2007	Spacer	2	28	TTH32429	Threaded Handle	2	
7	1334-2011	Angle, Guide Mnt	1	29	TTH34311	Threaded Handle	2	
8	1334-2200	Frame Weldment	1	30	WWFS1/4	Flat Washer, SAE	13	
9	1335-316B	Bent Rod	1	31	WWFS10	Flat Washer, SAE	6	
10	1335-318	Rod Slide Arm	1	32	SSHC10128	Screw, Hex Cap	1	
11	1335-319	Rod Clamp Arm	1	33	SSSC98048	Screw, Socket Cap	2	
12	1335-320B	Straight Rod	1	34	SSPP90032	Screw, Pan Head	6	
13	CCCL8F	Clamp Collar	1	35	AAQUY-5-5	Quick Union, Y	2	
14	WWL10	Lock Washer	6	36	SSPS90064	Screw, Pan Head	1	
15	BBTT602	Bronze Thrust Washer	4	37	SSHC01096	Screw, Hex Cap	2	
16	FFT18FF100Q	Fixed Field Eye	1	38	8732-0896	Rod	1	
17	MM132-1496	End Cap	1	39	A-U1	Cross Block	1	
18	MM503022LB	Rubber Caster	1	40	SSSC98064	Screw, Socket Cap	1	
19	NNE5/16-18	Elastic Lock Nut	2	41	4080-4207	Cable, 2 Pin Female	1	
20	NNH1/2-13	Hex Nut	1	42	4080-4208	Cable, 3 Pin Female	1	
21	NNK1/4-20	Kep Nut	6	43	AACR25813R1	Switch w/ Plug	1	
22	WWL1/4	Lock Washer	5	44	FFRK44T3PM	Eye Cable	1	

AAC Drawing Number 192537C Rev. 7

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1334-1100 Folder Assembly



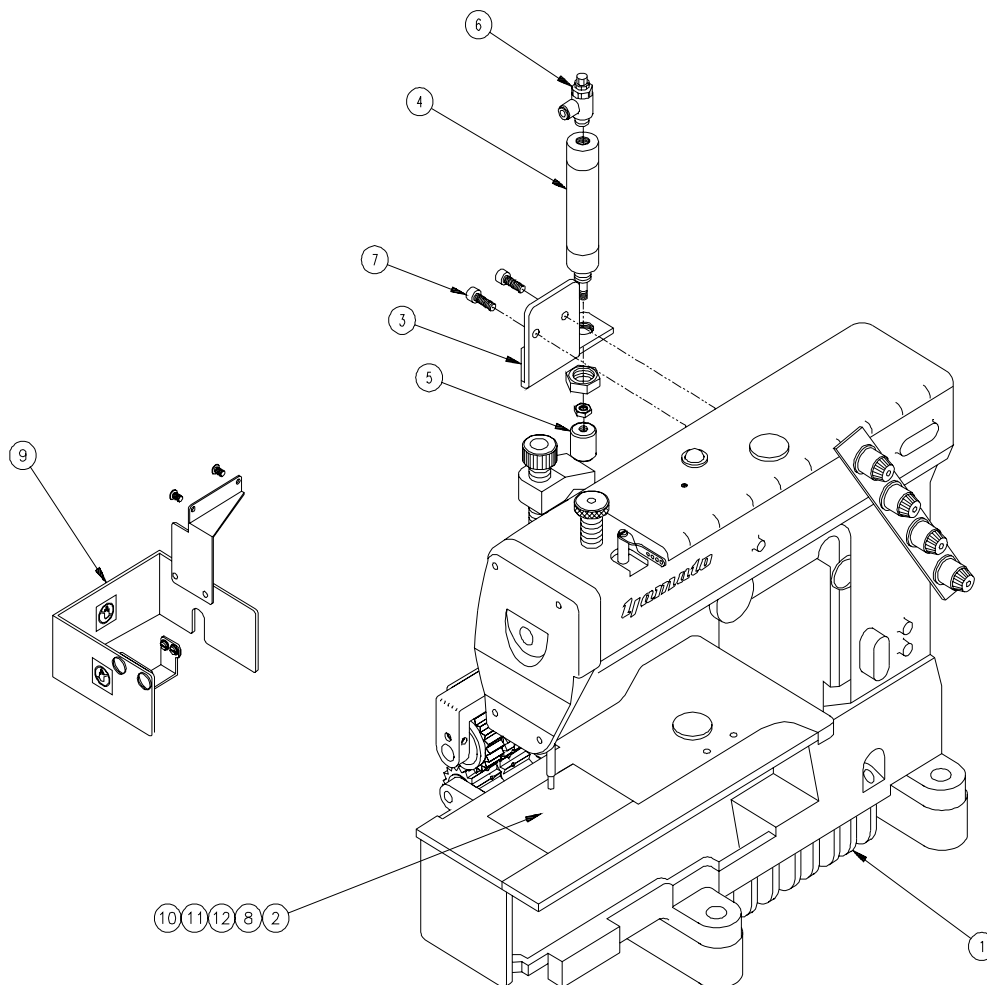
From the library of: Diamond Needle Corp

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	1334-1003	Adj Mount	1	10	MMAGH25CA	Bearing Block	1
2	1334-1005	Lower Angle Mnt	1	11	SSSCM6X20	Screw, Socket Cap	4
3	1334-1006	Lock Handle Mnt	1	12	1334-1002	Upper Angle Mount	1
4	MMAGR25360M	Rail	1	13	SSSS98032	Screw, Socket Set	1
5	1335-310	Stop Block	1	14	SSSC01048	Screw, Socket Cap	6
6	TTH32416	Threaded Handle	1	15	SSSC25048	Screw, Socket Cap	2
7	WWFS1/4	Flat Washer, SAE	11	16	SSHC01040	Screw, Hex Cap	2
8	WWL1/4	Lock Washer	10				
9	WWL3/8	Lock Washer	1				

AAC Drawing Number 192542C Rev. 9



1334-1000A Sewing Head Assembly



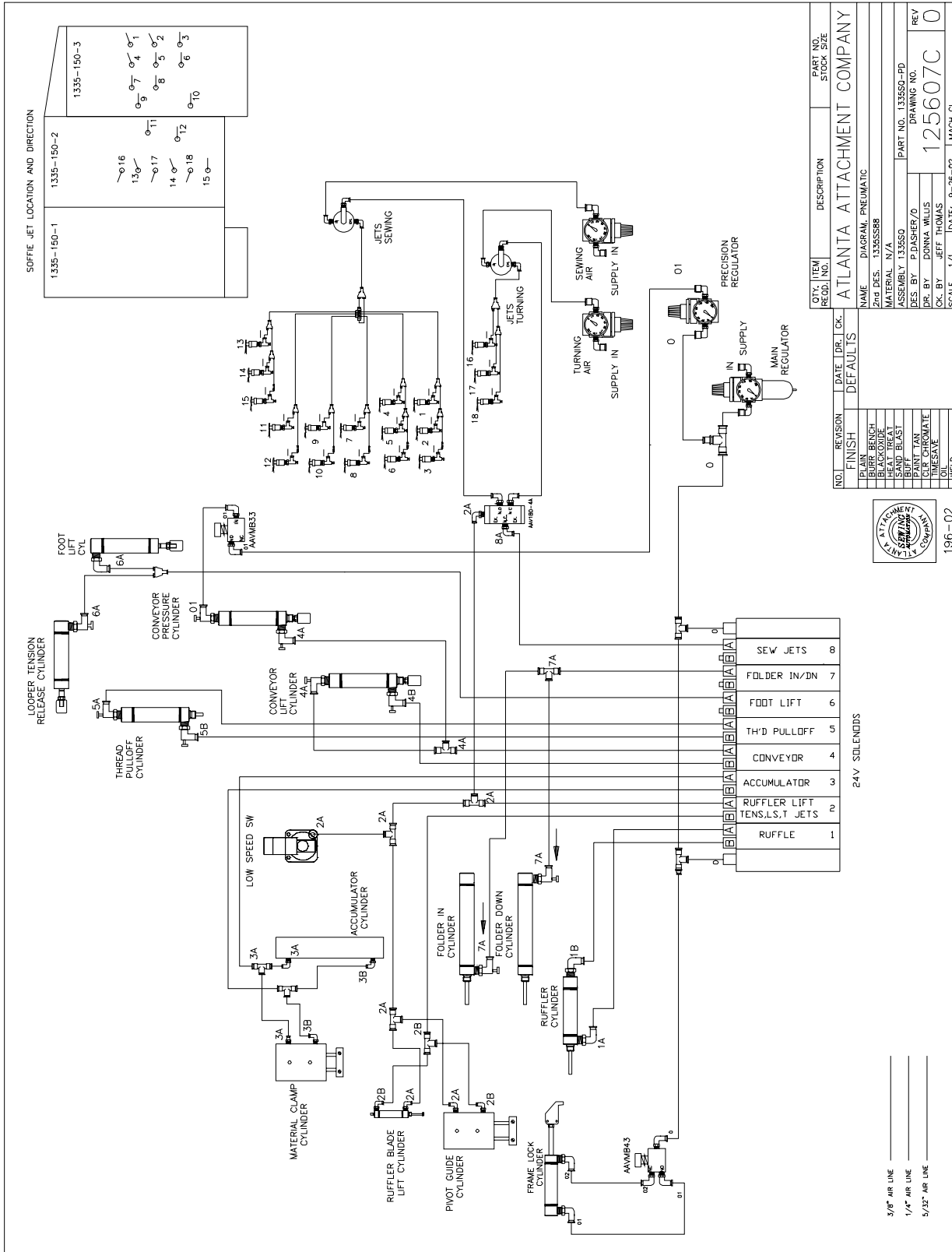
From the library of: Diamond Needle Corp

PART #	DESCRIPTION	QTY	PG	PART #	DESCRIPTION	QTY	PG
1	SYAM-1804A Sew Head, Yamato	1		7	SSSCM6X20 Screw, Socket Cap	2	
2	1862N94016 Needle Holder	1		8	54242B9016 Spreader	1	
3	112013 Bracket	1		9	1959-412 Guard	1	
4	AAC6S-1-H Air Cylinder	1		10	54205A9016 Feed Dog	1	
5	11200A Bumper	1		11	54420X9016 Presser Foot	1	
6	AA198RR508 Flow Control	1		12	54224A9016 Throat Plate	1	

AAC Drawing Number 192557C Rev. 1



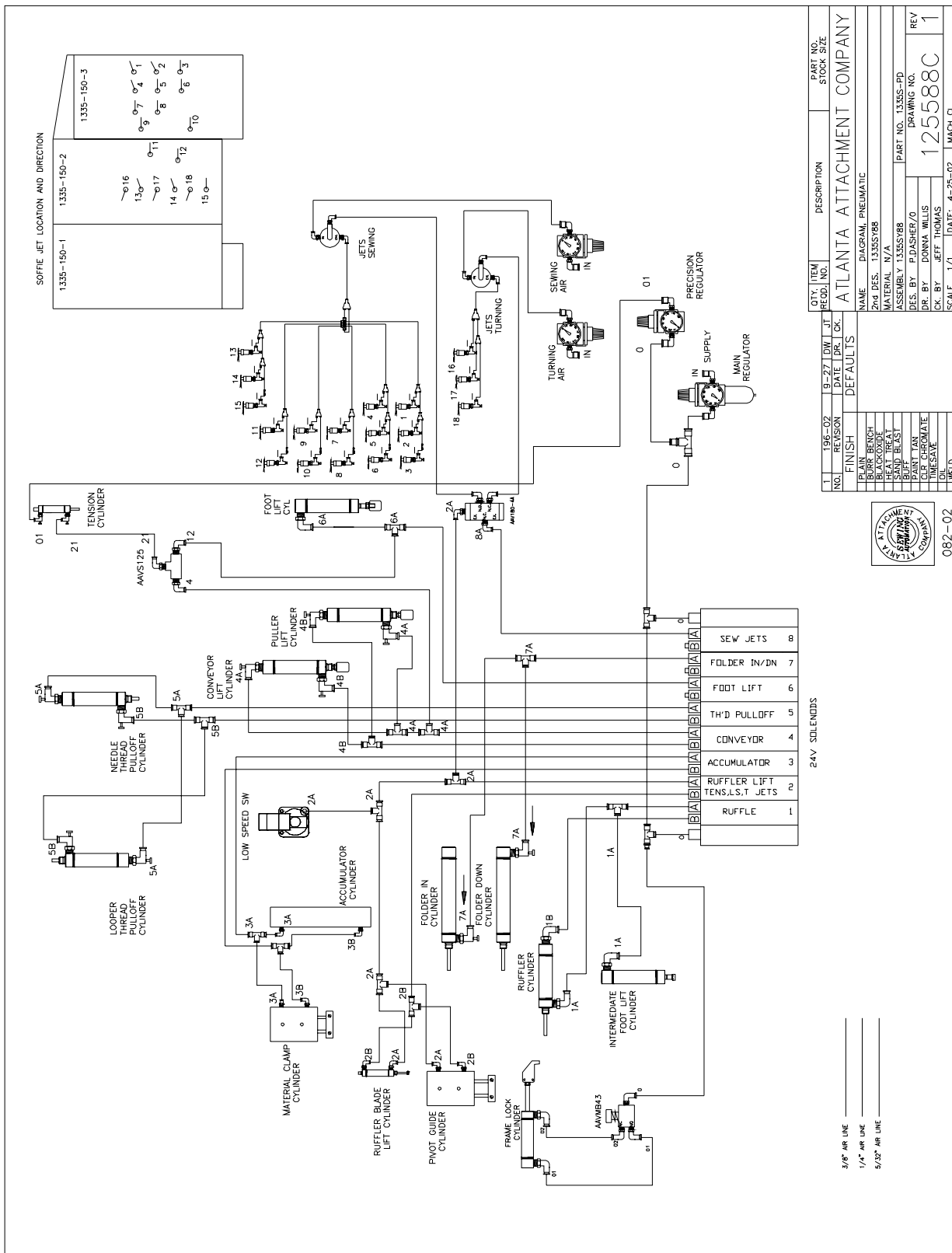
1335SQ-PD Pneumatic Diagram



From the library of: Diamond Needle Corp

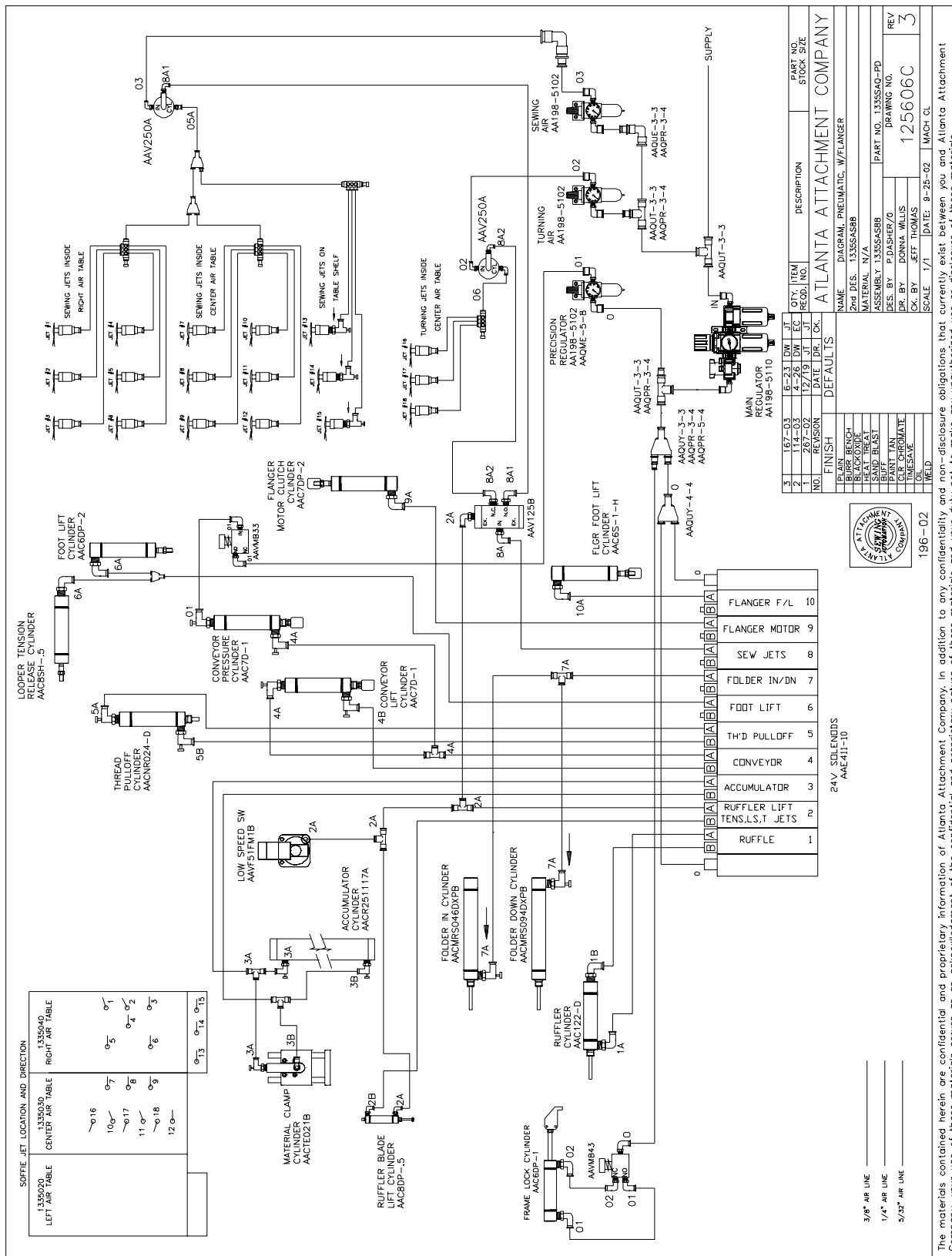


1335S-PD Pneumatic Diagram



From the library of: Diamond Needle Corp

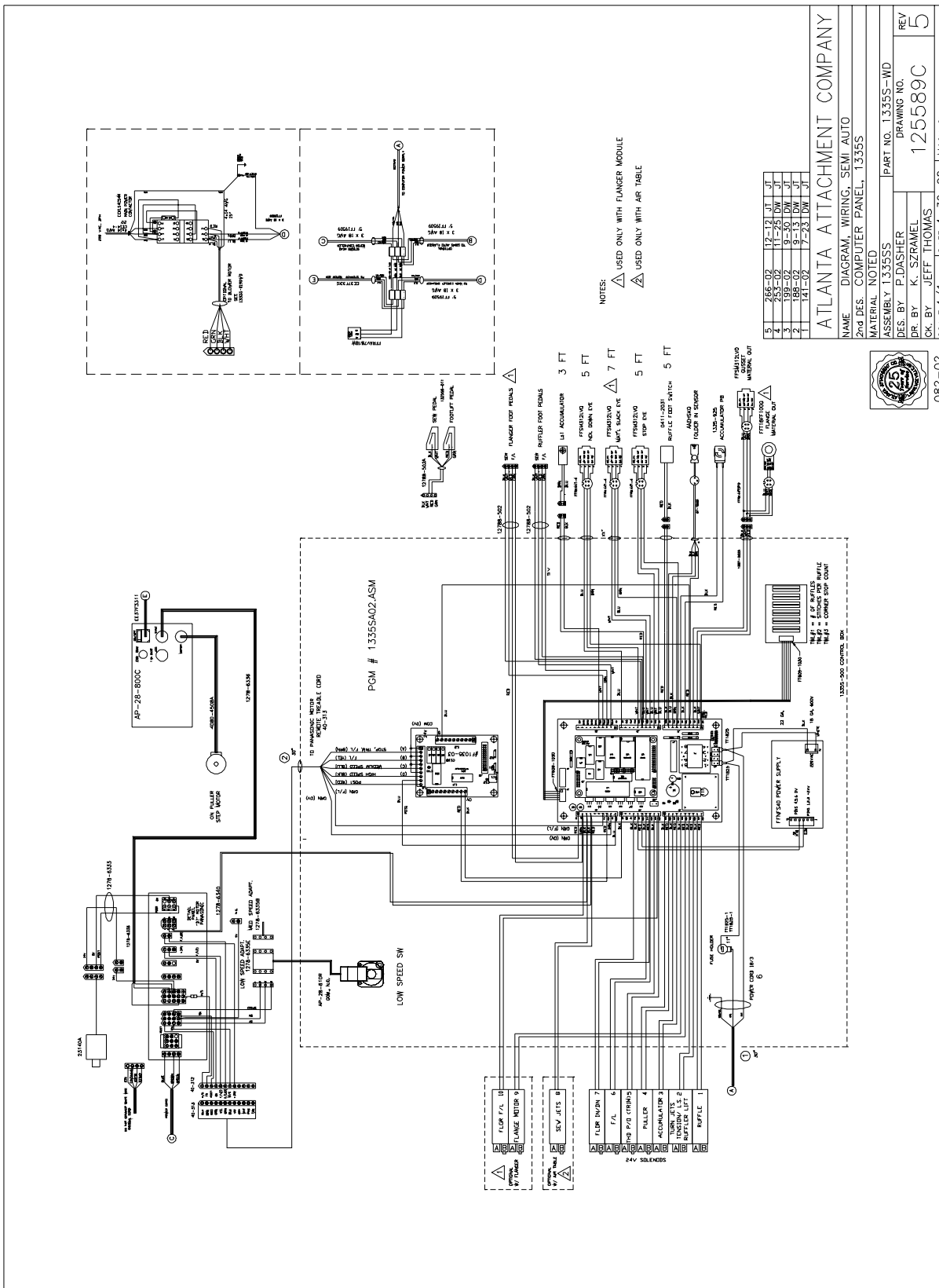
1335SAQ-PD Pneumatic Diagram



From the library of: Diamond Needle Corp



1335S-WD Wiring Diagram



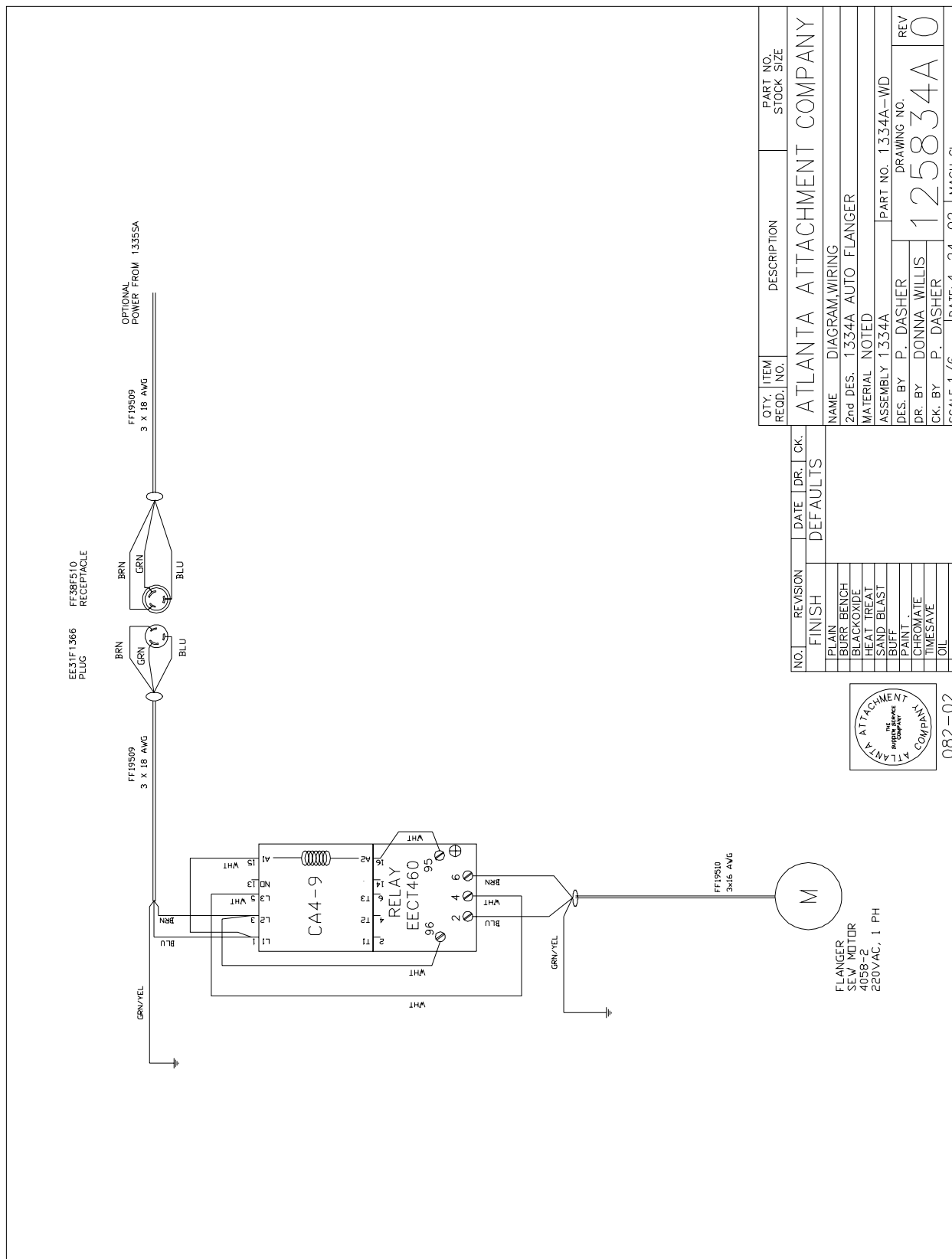
ATLANTA ATTACHMENT COMPANY
 NAME: DIAGRAM - WIRING, SEMI-AUTO
 ZING DES. COMPUTER PANEL, 1335S
 MATERIAL NOTED
 ASSEMBLY 1335SS
 DES. BY P. DASHNER
 DR. BY K. SZPAMEL
 CK. BY JEFF THOMAS
 SCALE: 1/1
 DATE: 4-30-02
 MACH. CL.
 PART NO. 1335S-WD
 DRAWING NO. 125589C
 REV. 5



From the library of: Diamond Needle Corp



1334A-WD



QTY.	ITEM RECD.	NO.	DESCRIPTION	PART NO. STOCK SIZE
			ATLANTA ATTACHMENT COMPANY	
			NAME	DIAGRAM, WIRING
			2nd DES.	1334A AUTO FLANGER
			MATERIAL	NOTED
			ASSEMBLY	1334A
			DES. BY	P. DASHER
			DR. BY	DONNA WILLIS
			CK. BY	P. DASHER
			SCALE	1/8
			DATE	4-24-02
			MACH. CL.	

NO.	REVISION	DATE	DR.	CK.

FINISH	DEFAULTS
PLAIN	
BURR-BENCH	
BLACKOXIDE	
HEAT TREAT	
SAND BLAST	
BUFF	
PAINT	
CHROMATE	
TIMESAVE	
OIL	



082-02



Atlanta Attachment Company (AAC)

Statement of Warranty

Manufactured Products

Atlanta Attachment Company warrants manufactured products to be free from defects in material and workmanship for a period of eight hundred (800) hours of operation or one hundred (100) days which ever comes first. Atlanta Attachment Company warrants all electrical components of the Serial Bus System to be free from defects in material or workmanship for a period of thirty six (36) months.

Terms and Conditions:

- AAC Limited Warranty becomes effective on the date of shipment.
- AAC Warranty claims may be made by telephone, letter, fax or e-mail. All verbal claims must be confirmed in writing.
- AAC reserves the right to require the return of all claimed defective parts with a completed warranty claim form.
- AAC will, at its option, repair or replace the defective machine and parts upon return to AAC.
- AAC reserves the right to make the final decision on all warranty coverage questions.
- AAC warranty periods as stated are for eight hundred (800) hours or one hundred (100) days which ever comes first.
- AAC guarantees satisfactory operation of the machines on the basis of generally accepted industry standards, contingent upon proper application, installation and maintenance.
- AAC Limited Warranty may not be changed or modified and is not subject to any other warranty expressed or implied by any other agent, dealer, or distributor unless approved in writing by AAC in advance of any claim being filed.

What Is Covered

- Electrical components that are not included within the Serial Bus System that fail due to defects in material or workmanship, which are manufactured by AAC are covered for a period of eight hundred (800) hours.
- Mechanical parts or components that fail due to defects in material or workmanship, which are manufactured by AAC.
- Purchased items (sewing heads, motors, etc.) will be covered by the manufacturer's (OEM) warranty.
- AAC will assist in the procurement and handling of the manufacturer's (OEM) claim.

What Is Not Covered

- Parts that fail due to improper usage, lack of proper maintenance, lubrication and/or modification.
- Damages caused by; improper freight handling, accidents, fire and issues resulting from unauthorized service and/or personnel, improper electrical, plumbing connections.
- Normal wear of machine and parts such as Conveyor belts, "O" rings, gauge parts, cutters, needles, etc.
- Machine adjustments related to sewing applications and/or general machine operation.
- Charges for field service.
- Loss of time, potential revenue, and/or profits.
- Personal injury and/or property damage resulting from the operation of this equipment.

Atlanta Attachment Company (AAC) Declaración de Garantía

Productos Manufacturados

Atlanta Attachment Company garantiza que los productos de fabricación son libre de defectos de material y de mano de obra durante un periodo de ochocientos (800) horas de operación o cien (100) días cual llega primero. Atlanta Attachment Company garantiza que todos los componentes del bus serie son libre de defectos de material y de mano de obra durante un periodo de treinta y seis (36) meses.

Términos y Condiciones:

- La Garantía Limitada de AAC entra en efecto el día de transporte.
- Reclamos de la Garantía de AAC pueden ser realizados por teléfono, carta, fax o correo electrónico. Todo reclamo verbal tiene que ser confirmado via escrito.
- AAC reserva el derecho para exigir el retorno de cada pieza defectuosa con un formulario de reclamo de garantía.
- AAC va, según su criterio, reparar o reemplazar la máquina o pieza defectuosa devuelto para AAC.
- AAC reserva el derecho para tomar la decisión final sobre toda cuestión de garantía.
- Las garantías de AAC tiene un validez de ochocientos (800) horas o cien (100) días cual llega primero.
- AAC garantiza operación satisfactoria de sus máquinas en base de las normas aceptadas de la industria contingente en la instalación y mantenimiento adecuada.
- La garantía de AAC no puede ser cambiado o modificado y no está sujeto a cualquier otra garantía implicado por otro agente o distribuidor menos que sea autorizado por AAC antes de cualquier reclamo.

Lo Que Está Garantizado

- Componentes eléctricos que no está incluidos dentro del sistema Bus Serie que han sido manufacturados por AAC son garantizados por un periodo de ochocientos (800) horas.
- Mechanical parts or components that fail due to defects in material or workmanship, which are manufactured by AAC.
- Componentes comprados (Motores, Cabezales,) son protegidos debajo de la garantía del fabricante.
- AAC asistirá con el manejo de todo reclamo de garantía bajo la garantía del fabricante.

Lo Que No Está Garantizado

- Falla de repuestos al raíz de uso incorrecto, falta de mantenimiento, lubricación o modificación.
- Daños ocurridos al raíz de mal transporte, accidentes, incendio o cualquier daño al resultado de servicio por personas no autorizados o instalaciones incorrectas de conexiones eléctricas o neumáticas.
- Desgaste normal de repuestos como correas, anillos de goma, cuchillos, agujas, etc.
- Ajustes de la máquina en relación a las aplicaciones de costura y/o la operación en general de la máquina.
- Gastos de reparaciones en el campo.
- Pérdida de tiempo, ingresos potenciales, y/o ganancias.
- Daños personales y/o daños al propiedad al resultado de la operación de este equipo.

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