Innovative Technology For The Sewn Products Industry World Wide

ATLANTA ATTACHMENT COMPANY

AT112

Cap & Visor Workstation

TECHNICAL MANUAL

362 Industrial Park Dr.
Lawrenceville, GA 30045
www.atlatt.com

Revision 1
Updated: May 7, 2007

Atlanta Attachment Company, Inc.

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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.

I M P O R T A N T

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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Table Of Contents

Safety Precautions

It is important that the machine operator read this manual and is familiar with all the functions and safety concerns of the unit before operating.

General

The safety guidelines mentioned in this manual cover the entire product line of Atlanta Attachment Company. Some warnings and/or instructions may not apply to this particular unit.

All maintenance should be performed by a qualified service technician.

Electrical

- Electrical connection requires 220vAC, 5 Amp, 50/60 Hz Single Phase
- Disconnect the power source before threading or replacing the needles.
- Disconnect the power source before leaving the machine unattended.
- Disconnect the power source before removing or replacing parts or making adjustments and/or performing maintenance.
- Disconnect the power source before opening electrical control panels.

Pneumatics

Air supply requires 70-80 PSI, 2 SCFM avg.

Air Cylinders

- Keep hands away from pneumatic cylinders at all times.
- Disconnect air supply before servicing air cylinders.

Knives

- This machine may utilize knives and/or thread cutters that may activate automatically.
- Keep hands away from knife blades at all times.
- Disconnect power source and air supply before replacing damaged blades.

Conveyors

- This unit may include material conveyors.
- Keep hands away from belts.
- Keep hands away from motors and pulleys used to power the conveyors.

Pullers

- This unit may include pullers used to pull material into a sewing head, knife, etc.
- Keep hands away from pullers.

Sewing Heads

- Keep hands and all other objects away from needles.
- Disconnect power source and air supply before making adjustments to the sewing head, replacing needles, threads, bobbins, etc.

Cutter Blade Replacement

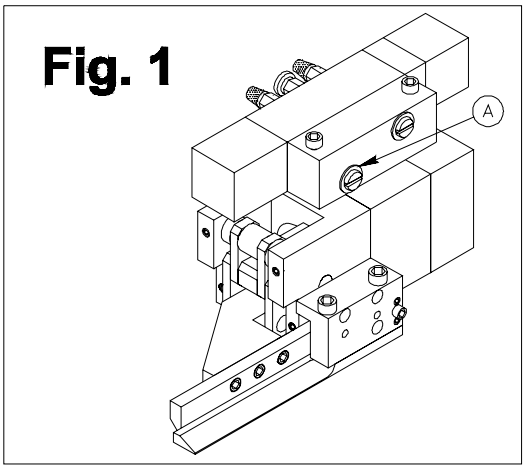
CAUTION! DISCONNECT POWER & AIR BEFORE PERFORMING ANY MAINTENANCE OR ADJUSTMENTS TO THIS UNIT.

Step 1
Disconnect power and air.

Step 2
Remove the optic eye bracket and Cutter guard.

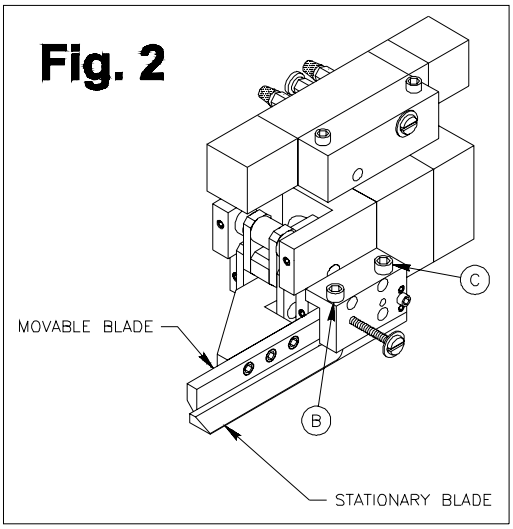
Step 3
Disconnect Cutter plug from control box and remove Cutter from sewing head.

Step 4
Remove screw "A" (Fig. 1) from solenoid assembly. Install into left Cutter guard mounting hole (Fig. 2). Turn screw until Cutter blades separate (Fig. 2).



Step 5
Loosen screw "B" & "C". Remove stationary Cutter (Fig. 3).

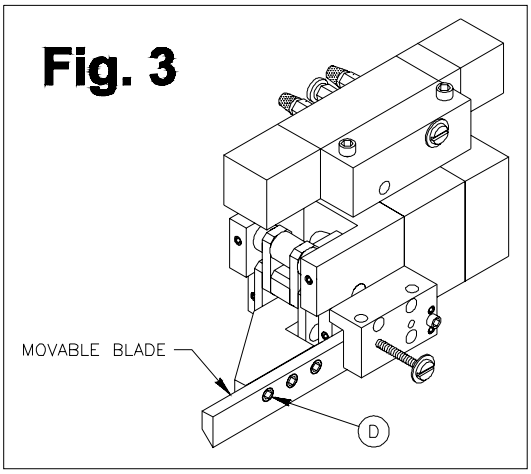
Step 6
Withdraw screw "A" from contact with movable Cutter - remove the 3 screws "D" in movable Cutter blade (Fig. 3). Replace movable Cutter and the 3 screws.



Step 7
Re tighten Screw "A" against movable blade (Fig. 4) - replace stationary blade using screw "B" &"C". Do not tighten screws.

Step 8
Manually close Cutter and withdraw screw "A"- cutting surface should be parallel and in contact.

Step 9
Tighten screws "B" & "C" and replace screw "A" in the solenoid assembly. See "Cutter Blade Replacement.

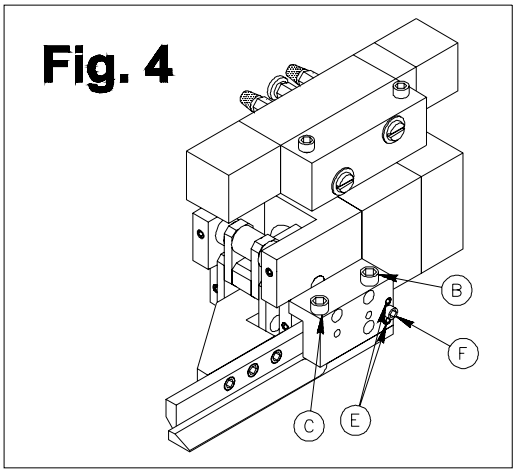


Cutter Blade Adjustment

Follow steps 1 through 3 of "Cutter Blade Replacement" on page 2.

Step 4

Manually close Cutter and loosen screw "B" & "C" (Fig. 4). Loosen set screws "E" and socket screw "F" (Fig. 4).



Step 5

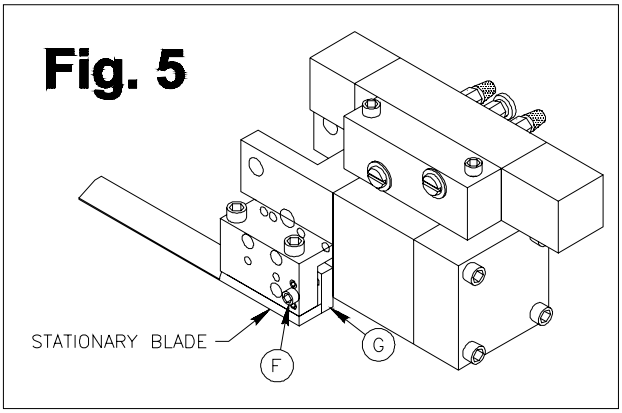
Hold the two blade parallel and in full contact tighten socket screw "F" until adjustment block "G" touches the stationary blade (Fig. 5).

Step 6

Continue to tighten screw "F" until a .003" gap is obtained at the rear of the blades - use a feeler gauge or the thickness of this piece of paper for gap measurement (Fig. 6).

Step 7

Alternately tighten set screws "E" - make sure adjustment block "G" is perpendicular (90°) to stationary blade.

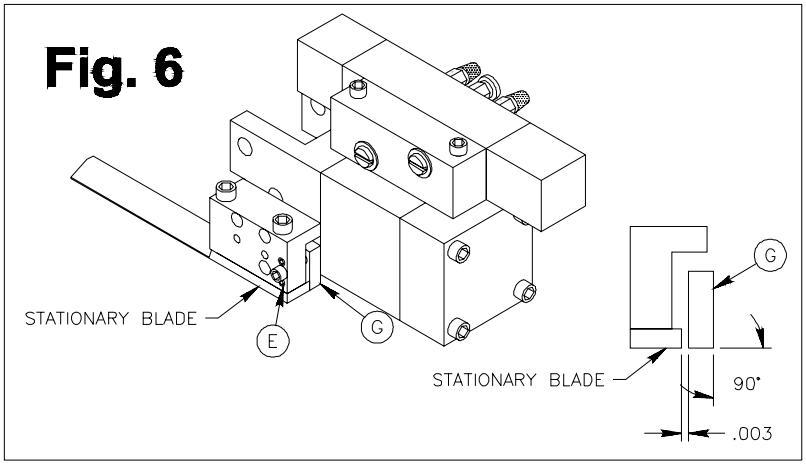


Step 8

Tighten Screws "B" & "C".

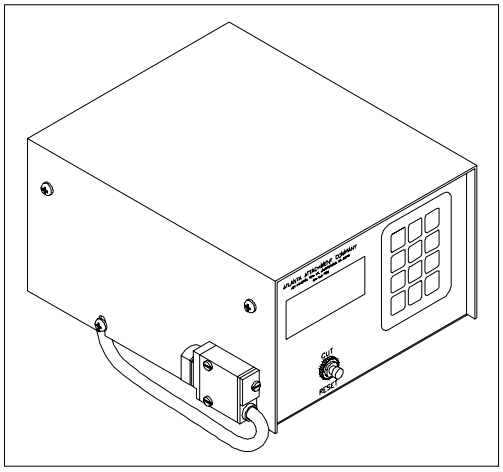
Step 9

Manually operate Cutter to check shearing contact and replace unit on machine.



AT116KK-600 Control Box Operating Instructions

There are 7 functions available:



1. "CUT LE,TE,2 STOPS" cuts leading edge and trailing edge with 2 stop positions for label insertion, etc. Any of these four functions can be turned off by setting its associated counter to zero. The duration of the "stop" time is based on the setting of the "B.S." (binding saver) counter in Function #3, Program #1. The leading edge counter counts stitches from the moment the edge sensing eye goes dark until the cutter cuts. The first stop counts from the cut position. The second stop counts from the first stop position and the trailing edge cut counts from the moment the eye goes light.

2. "LONG TIE STRINGS" makes long tie strings on the leading and trailing edges with one stop for label insertion. After setting the counters and pressing the manual cut button to reset the counters, step on the treadle to run out the leading edge tie string. When the machine stops, insert the garment and sew until it stops again for the label insertion. When you sew off the trailing edge the counter will count and cut the trailing edge tie string and, without stopping, continue to run the next leading edge string. When the machine stops insert the next garment and the cycle is repeated.

3. "CUT & COUNT PIECES" cuts pieces to uniform length and counts them as they are cut. After setting the counters and pressing the manual cut button, step on the treadle and the machine will count and cut pieces to length. When the "QTY" count is reached the machine will stop and no more pieces will be cut until the "manual cut" button is again pressed. The "TOT" (total) counter counts the pieces and cannot be preset. The B.S.(binding saver) timing equals about 1/4 second per count.

4. "BUTT & CUT APART" allows the garments to be sewn with minimum gap between them. It also has one stop for label insertion. When the garment uncovers the eye it will stop after counting the stop count. When the next garment is sewn the cut counter will count and cut the first garment free. The label counter counts from this cut point. When setting the counters, set the cut count first.

5. "APRON WITH NECK" makes long tie strings on aprons and also will make a loop for a neck opening which may be continuous or two pieces. The "NK1" counter sets the length of the first half of the neck opening an terminates with a cut. The "NK2" counter sets the length of the second half of the neck opening and terminates with a stop so you can insert the second shoulder of the apron. For continuous loop neck openings set the "NK1" counter to zero and set "NK2" for the opening length. Stop timing is the same as Function #3, Program #1 B.S. setting.

6. "APRON W/2 STOPS" works the same as Function #2 but has two stops for label insertions. It also uses the same B.S.(binding saver) setting as Function #3, Program #1.

7. "MULTIPLE FUNCTIONS" is Function #7 and is used to sew from two to four different functions sequentially.

KEYBOARD OPERATION FOR THE FIRST SIX FUNCTIONS

To change functions, press the function button (#1) one time and observe that the function digit is blinking. There are two ways to change the function number. The first way is to press the "next" key which is the "#" button until you step to the function you want and the second is to press the numbered key for the function you want. When the desired function number has been selected press the "enter" key which is the "*" button.

Each function can store up to ten sets of preset values. These are stored as "programs". To change programs press the #2 button and observe that the program digit is blinking. Change the program number the same way as the function number.

To change the counter setting press the counter key (#3) and observe that the first counter digit is blinking. Enter the desired numbers into the counter and press "enter" to save the new setting or press "next" to step to the next counter. When all the counters have been set as desired press "enter" to save the settings.

Pressing manual cut while in the middle of a function will reset that function to the beginning of its cycle.

KEYBOARD OPERATION FOR FUNCTION #7:

Select function and program numbers the same as above. Notice that the "1" in "1FP" is blinking. "1FP"stands for "first function/program selection", "2FP" stands for second function/program selection, etc. Each of these labels is followed by another symbol "z/y", where "x" represents the function number and "y" represents the program number. The blinking cursor means that the function selected is ready to sew.

Pressing the manual cut button will cause the cursor to skip to the next selected function. Therefore by pressing the manual cut button you can repeat a previous selection. Load the "x/y" values by pressing the counter button (#3) followed by selecting the digit which represents the function desired. Then press the "next" key to step to the next position. Place a zero in any "x" location not used and that selection will be skipped. You must use the "1FP" selection for the first function.

After all selections are set press "enter". The first function is ready to sew. After each function has completed it's cycle the cursor will skip to the next selection to show you which function is active. Selected function numbers must be from 1 to 6 and selected program numbers must be from 1 to 9.

To edit the counters for a selected function leave function #7 and go to the desired function to edit, change its counters and then return to function #7. Be sure you are in the right "program" number while you are changing the counters.

Parameter Settings For Efka Controller

When replacing or installing a new Efka Controller, perform a master reset of the parameters using the following instructions.

To Perform Master Reset of Parameters:

1. Power on holding down the "P" button till "COD" is displayed.
2. Press ">>" once and enter the number "591"
3. Press "E" twice and "093" is displayed.
4. Press "+" once, "094" is displayed.
5. Press "P" to exit programming mode with all default values.

To modify the default parameters according to the table below, use the following instructions.

1. Power on holding down the "P" button till "COD" is displayed.
2. Press ">>" once and enter the number "311"
3. Press "E" once and "2.0.0." is displayed this is a parameter
4. Proceed to the parameter to be changed and press "E"
5. The value now shows in the screen, adjust to desired value.
6. Press "E" to enter value and continue with parameter setting.
7. Repeat for other parameters, press "P" once when complete.
8. Run sewing head to save parameters before powering down

Parameter	Range	Lockstitch	Chainstitch	Description
290		0	4	Mode of operation. MUST SET THIS PARAMETER FIRST!
111	200-9900 rpm	2500	2500	Maximum speed when "129" is 0, 1, or 2.
161	0-1	1	1	Motor rotation, 1 = CCW
240	0-55	7	7	Machine run blocked with closed contact
270	0-5	1	1	External handwheel sensor configuration
271	0-255	180	180	Ref angle for Position 1 (trim) from Position 2
272	020-255	100	100	Drive ratio between motor pulley and handwheel pulley. If handwheel pulley is smaller than motor pulley, increase this value to slow down sewing head until measured speed matches speed set with parameter 111.

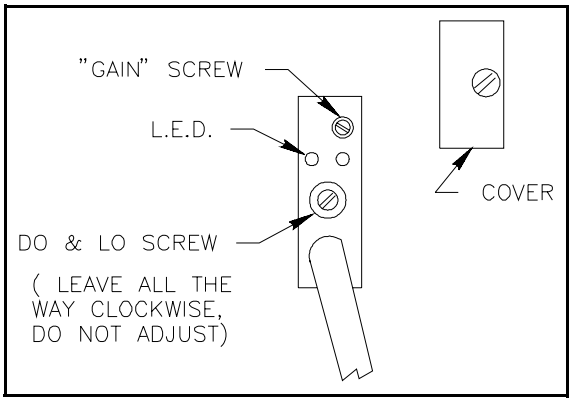
Front panel LED's:

LED 1: Off
LED 2: Off
LED 3: Off
LED 4: Off
LED 5: Off
LED 6: Off
LED 7: On, Stop at needle down
LED 8: Off, Stop at needle up

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.

Maintenance

1. Lightly oil the Cutter assembly pins as needed.
2. Check the pressure regulator for water. The pressure regulator has a glass water trap. It is important to periodically remove any water that has accumulated.
3. Check the regulator for correct pressure. Set the regulator to 70-80 PSI. Make sure the regulator is locked to keep the pressure from changing.
4. Check the reflective tape for wear. If it appears to be worn or damaged, replace it.
5. The entire sewing machine should be air cleaned after each shift.

Troubleshooting

Problem
The control box ON/OFF switch is ON but the unit does not function.
Solution
A. Check fuse in rear of the control box. Replace if necessary.
B. Check for power at switch box.
C. Check for proper wiring.
D. Be sure sewing machine is ON.

Problem
The Cutter does not cut when the MANUAL CUT button is pressed.
Solution
A. Make sure the Cutter ON/OFF switch is ON.
B. Make sure the control box power indicator lamp is lit.
C. Make sure the Cutter is getting air from the regulator. Also verify that the regulator is set to 70-80 PSI.
D. Make sure the Cutter is plugged into the "Cutter SOLENOID" socket on the back of the control box.

Problem
The Cutter cuts manually but not automatically.
Solution
A. Check the reflective tape for wear or damage. Replace if necessary. You may need to re-adjust the sensitivity. See "Electric Eye Sensor Adjustment" on page 7.
B. Check the optic units for dust or lint. Clean if necessary.
C. Make sure both optic are pointing at the reflective tape. Also, check that sensitivity adjustments for both Cutter and the stitch counter is correct.
D. Check the optic units for damage. Also check the cable connecting the optic units to the control box for cuts, bends, or other damage. Replace optic unit if necessary.

Problem
The Binding Saver does not function.
Solution
A. Make sure the binding saver solenoid is getting air.
B. Make sure the electrical connector from the solenoid assembly is plugged into the "BINDING SAVER" socket on the back of the control box.
C. Make sure the treadle assembly is installed and adjusted correctly.
D. The Binding Saver timing is controlled by the "BS" counter in Function 3, Program #1. Check this counter is not zero.

Problem
The binding saver functions but does not stop the sewing machine fast enough.
Solution
A. Check the mechanical adjustment of the treadle assembly.
B. Check the sewing machine motor clutch for wear. Adjust if necessary.
C. Check the sewing machine belt tension. Adjust if necessary.

Assembly Drawings & Parts Lists

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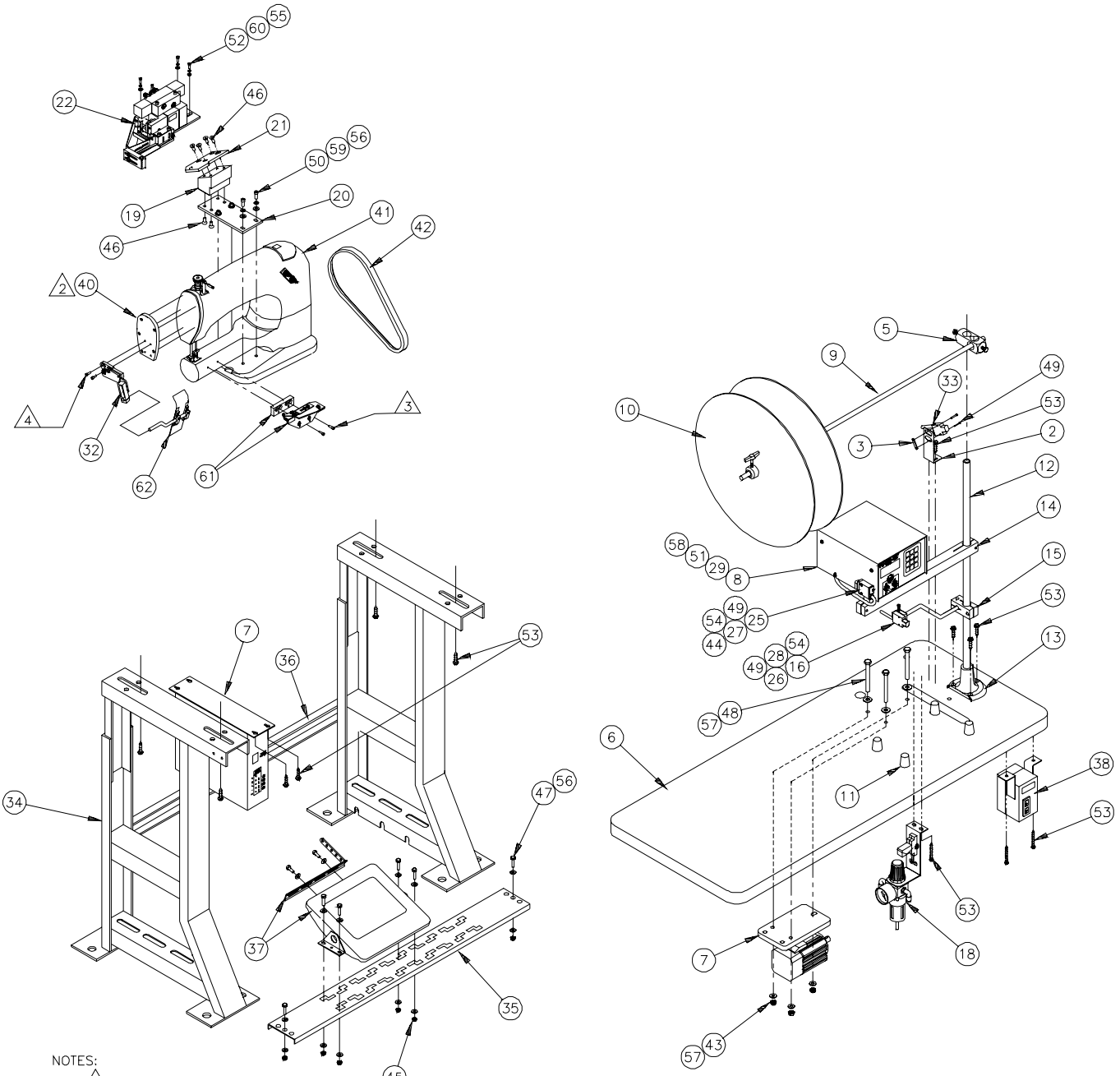
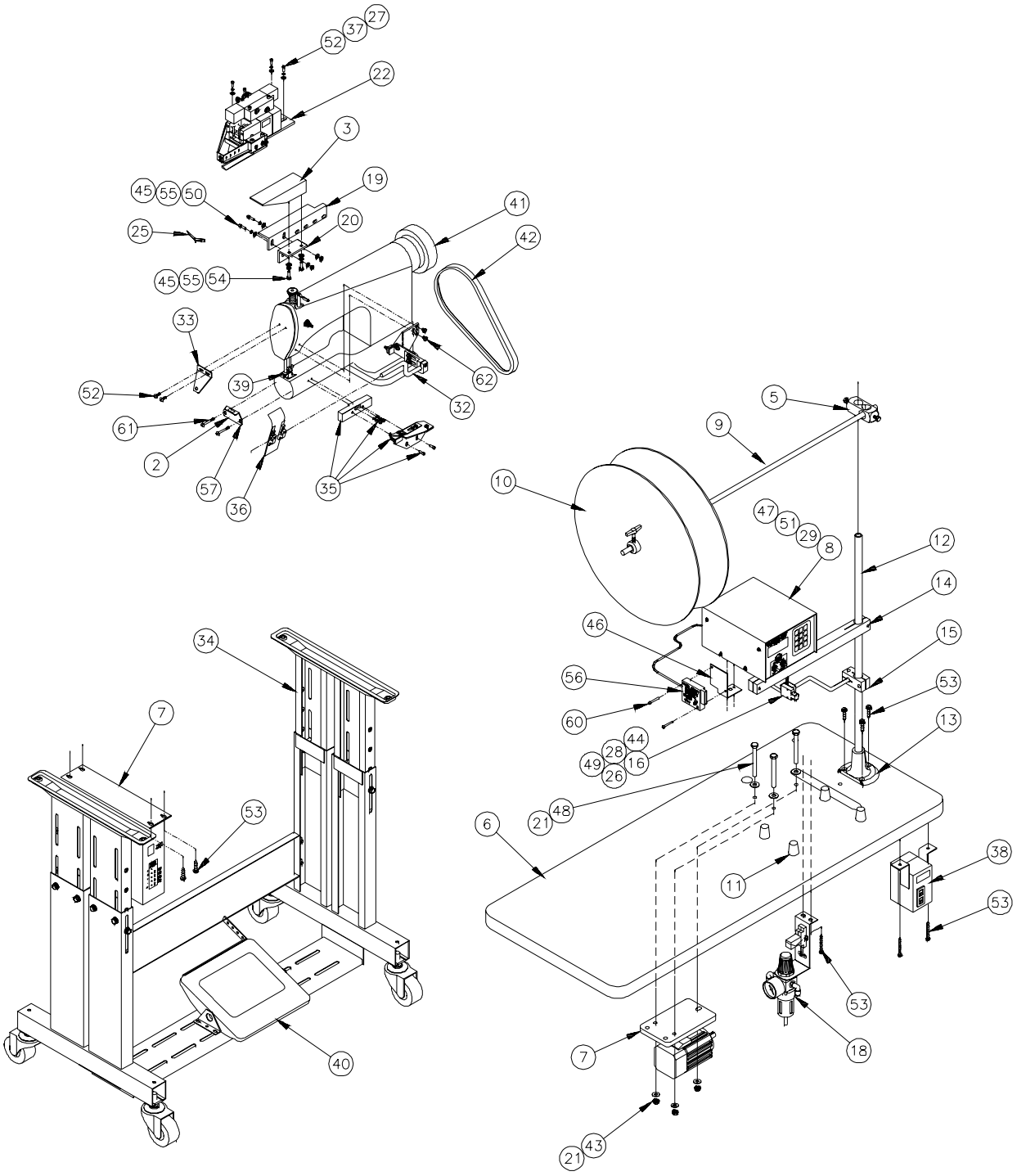

NOTES:
1 NOT SHOWN
2 SCREWS INCLUDED WITH SEW HEAD
3 SCREWS (SM22514A) INCLUDED WITH ITEM 61
4 SCREWS (SM22514) INCLUDED WITH ITEM 32

AAT112U11W Cap & Visor Workstation

#	Part #	Description	Qty	Pg
1	0211-702A	Cable	1	
2	1278-6689B	Eye Mount Brkt	1	
3	1975-412A	Nut Plate	1	
4	200029A	Drill Extension Instructions	AR	
5	28201	Cross Block	1	
6	4048-33500A	Table Top	1	
7	4059-DC1500	Motor & Controller	1	
8	4060-0206	Mount Brkt	1	
9	780-100	Rod	1	
10	785-A95-18	18” Disc	2	
11	51295B	Isolator	4	
12	97-1711	Tube, 3/4 x 30	1	
13	AP-1721	Base Stand	1	
14	AT110-301	Support Arm	1	
15	AT110-302	Cross Block	1	
16	AT110-303B	Bent Rod	1	
17	AT110-33	Drill Extension	AR	
18	AT110-400E	Binder Saver Assy	1	18
19	AT112-01	Angle Block	1	
20	AT112-02	Base Plate	1	
21	AT112-03	Mount Plate	1	
22	AT115-12V	Cutter Assy	1	15
23	AT115-1B	Instructions	AR	
24	AT115VIDEO	Instructional Video	AR	
25	AT116-505	Electric Eye	1	
26	AT116-506	Electric Eye	1	
27	AT116-507	Mount Brkt	1	
28	AT116-508	Mount Brkt	1	
29	AT116KK-600	Control Box	1	
30	AT-LABEL-1	Label	AR	
31	EE37F3311	Power Cord	1	
32	F29481R	Brkt	1	
33	FFSM312LVQ	Electric Eye	1	
34	K	Stand	1	
35	K-100-48	Bottom Brace	1	
36	K-101-48	Back Brace	1	
37	K-340	Treadle	1	
38	K-CB600	Motor Starter	1	
39	M1U11-001	Foot	1	
40	M33782	Cover	1	
41	SUS33500A	Sew Head	1	
42	ZX3838	Belt	1	
43	NNH3/8-16	Hex Nut	3	
44	NNH4-40	Hex Nut	2	
45	NNK1/4-20	Kep Nut	8	
46	SSFC01040	Screw, Flat Allen	8	
47	SSHC01048	Screw, Hex Cap	8	
48	SSHC25144	Screw, Hex Cap	3	
49	SSPS70048	Screw, Pan Head	6	
50	SSSC01040	Screw, Socket Cap	4	
51	SSSC80016	Screw, Socket Cap	4	
52	SSSC90032	Screw, Socket Cap	4	
53	SSZH#10064	Screw, Sheet Metal	17	
54	WWF4	Flat Washer	6	
55	WWF8	Flat Washer	4	
56	WWFS1/4	Flat Washer	20	
57	WWFS3/8	Flat Washer	6	
58	WWFS6	Flat Washer	4	
59	WWL1/4	Lock Washer	4	
60	WWL8	Lock Washer	4	
61	659	Edge Guide	1	
62	661-C	Edge Guide	REF.	

AAC Drawing Number 192107A Rev. 0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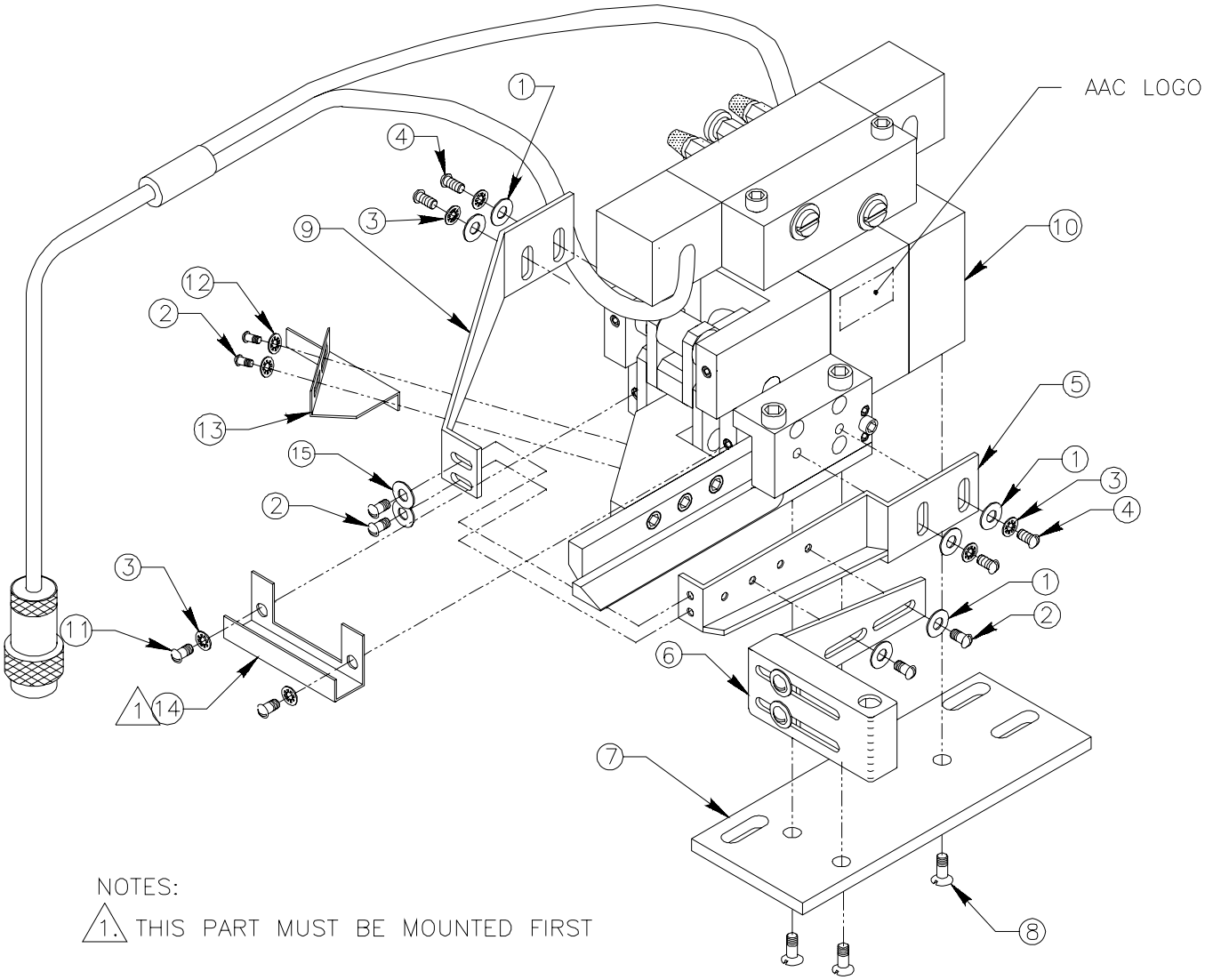
AAT112KKJ20TSM Cap & Visor Workstation

#	Part #	Description	Qty	Pg
1	0211-702A	Cable	1	
2	AT112-18	Visor Plt Support	1	
3	AT112-19	Cutter Spacer	1	
4	200029A	Drill Extension Instructions	AR	
5	28201	Cross Block	1	
6	4048-LS321	Table Top	1	
7	4059-DC1500	Motor & Controller	1	
8	4060-0206	Mount Brkt	1	
9	780-100	Rod	1	
10	785-A95-18	18” Disc	2	
11	51295B	Isolator	4	
12	97-1711	Tube, 3/4 x 30	1	
13	AP-1721	Base Stand	1	
14	AT110-301	Support Arm	1	
15	AT110-302	Cross Block	1	
16	AT110-303B	Bent Rod	1	
17	AT110-33	Drill Extension	AR	
18	AT110-400E	Binder Saver Assy	1	18
19	AT112-20	Mounting Arm	1	
20	AT112-21	Base Plate	1	
21	WWFS3/8	Flat Washer	6	
22	AT115-12VK	Cutter Assy	1	17
23	AT115-1B	Instructions	AR	
24	AT115VIDEO	Instructional Video	AR	
25	AT112-22	Rear Cutter Guide	1	
26	AT116-506	Electric Eye	1	
27	WWF8	Flat Washer	3	
28	AT116-508	Mount Brkt	1	
29	AT116KK-600	Control Box	1	
30	AT-LABEL-1	Label	AR	
31	EE37F3311	Power Cord	1	

#	Part #	Description	Qty	Pg
32	F440-202	Brkt	1	
33	AT112-04	Elec Eye Brtk	1	
34	K-4D	Stand	1	
35	659-J20	Edge Guide	1	
36	661-C	Edge Guide	1	
37	WWL8	Lock Washer	3	
38	K-CB600	Motor Starter	1	
39	M1J20-002	Foot	1	
40	K-340	Treadle‘	1	
41	SJUKI-LS321	Sew Head	1	
42	ZX3851	Belt	1	
43	NNH3/8-16	Hex Nut	3	
44	WWF4	Flat Washer	2	
45	WWL1/4	Lock Washer	4	
46	AT112-06	Mount Brkt	8	
47	WWFS6	Flat Washer	4	
48	SSHC25144	Screw, Hex Cap	3	
49	SSPS70048	Screw, Pan Head	2	
50	SSSC01040	Screw, Socket Cap	2	
51	SSSC80016	Screw, Socket Cap	4	
52	SSSC90032	Screw, Socket Cap	5	
53	SSZH#10064	Screw, Sheet Metal	7	
54	SSHC01040	Screw, Hex Cap	2	
55	WWFS1/4	Flat Washer	4	
56	AT112K-01	Scanner	1	
57	AT112-18	Support Plate	4	
58	FFBT13S	Fiber Assy	1	
59	FFL9	Lens	1	
60	SSSC98048	Screw, Socket Cap	2	
61	SSBC98096	Screw, Button Cap	2	
62	SSM7111410	Screw, Fillister Head	2	

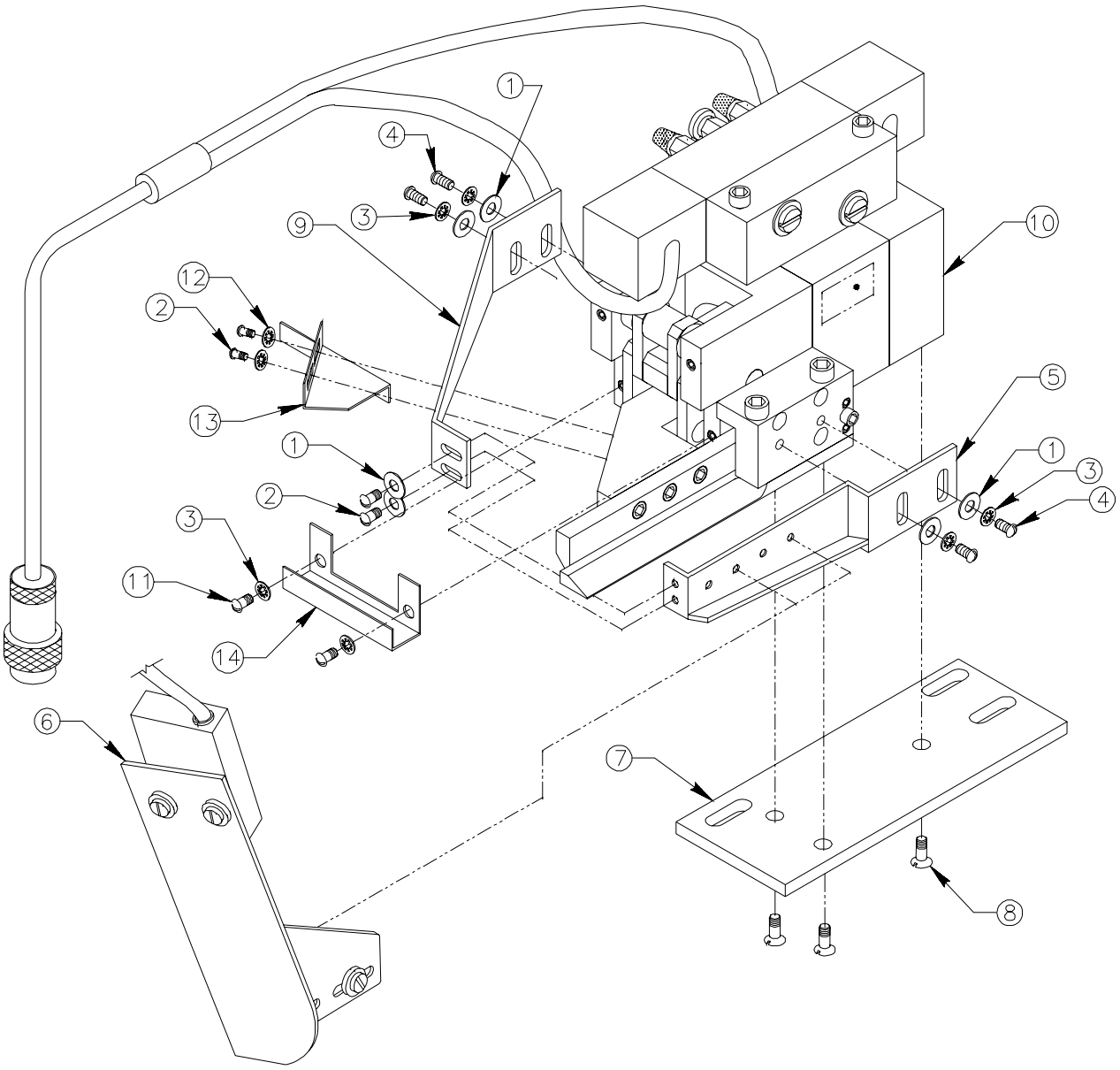
AAC Drawing Number 192146A Rev. 0


AAC LOGO
NOTES:
1. THIS PART MUST BE MOUNTED FIRST

AT115-12V Cutter & Manifold Assembly

#	Part #	Description	Qty	Pg
1	WWB5/32ID	Brass Washer	6	
2	SSTS85012	Screw, Truss Head	6	
3	WWSI8	Internal Tooth Washer	6	
4	SSPS90024	Screw, Pan Head	4	
5	AT113-22A	Cutter Guard Brkt	1	
6	AT110-35	Electric Eye Holder	1	
7	AT110-04A	Base Plate	1	
8	SSFC90032	Screw, Flat Allen	3	
9	AT110-36	Guard Brace	1	
10	AT116-02	Cutter & Valve Assy	1	19
11	SSPS90016	Screw, Pan Head	2	
12	WWSI6	Internal Tooth Washer	2	
13	AT110-30	Upper Guard	1	
14	AT110-31	Lower Guard	1	
15	WWB6S	Brass Washer	2	

AAC Drawing Number 122205B Rev. 7

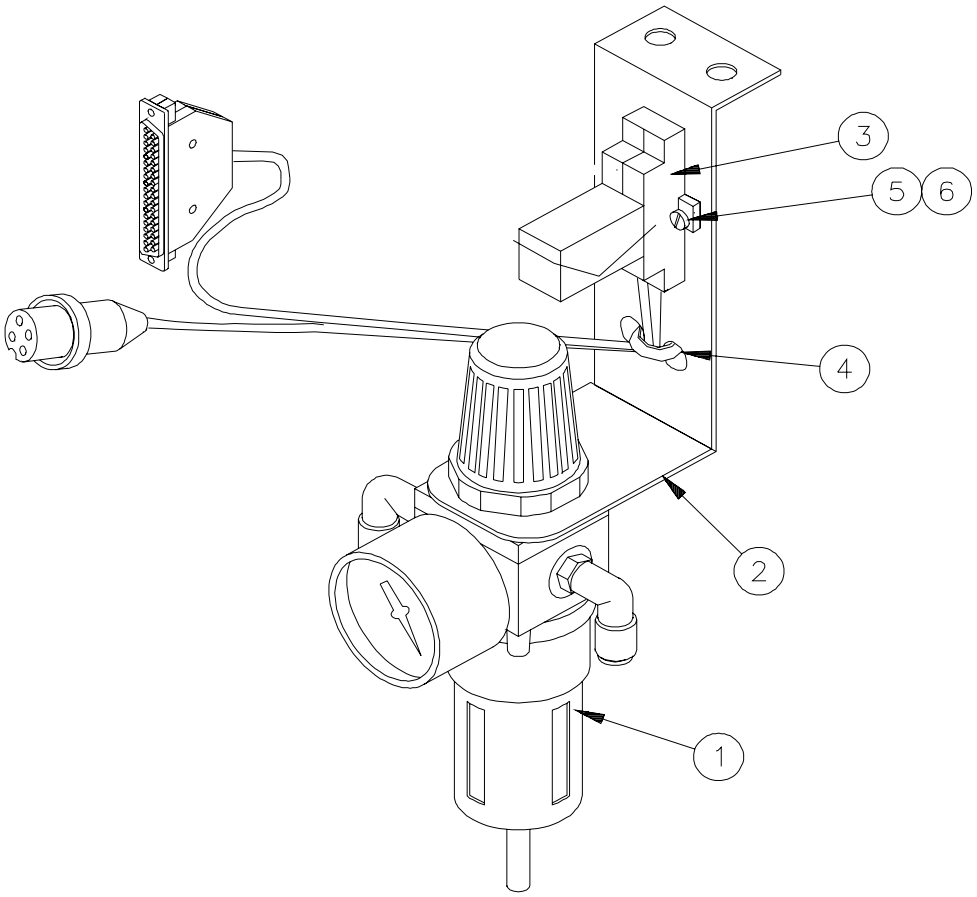

1
4
3
9
12
2
13
1
2
3
11
14
6
10
5
1
3
4
7
8

AT115-12VK Cutter & Manifold Assembly

#	Part #	Description	Qty	Pg
1	WWB5/32ID	Brass Washer	6	
2	SSTS85012	Screw, Truss Head	4	
3	WWSI8	Internal Tooth Washer	6	
4	SSPS90024	Screw, Pan Head	4	
5	AT113-22A	Cutter Guard Brkt	1	
6	AT116-06	Electric Eye Holder	1	
7	AT110-04A	Base Plate	1	
8	SSFC90032	Screw, Flat Allen	3	
9	AT110-36	Guard Brace	1	
10	AT116-02	Cutter & Valve Assy	1	19
11	SSPS90016	Screw, Pan Head	2	
12	WWSI6	Internal Tooth Washer	2	
13	AT110-30	Upper Guard	1	
14	AT110-31	Lower Guard	1	

AAC Drawing Number 190335B Rev 1

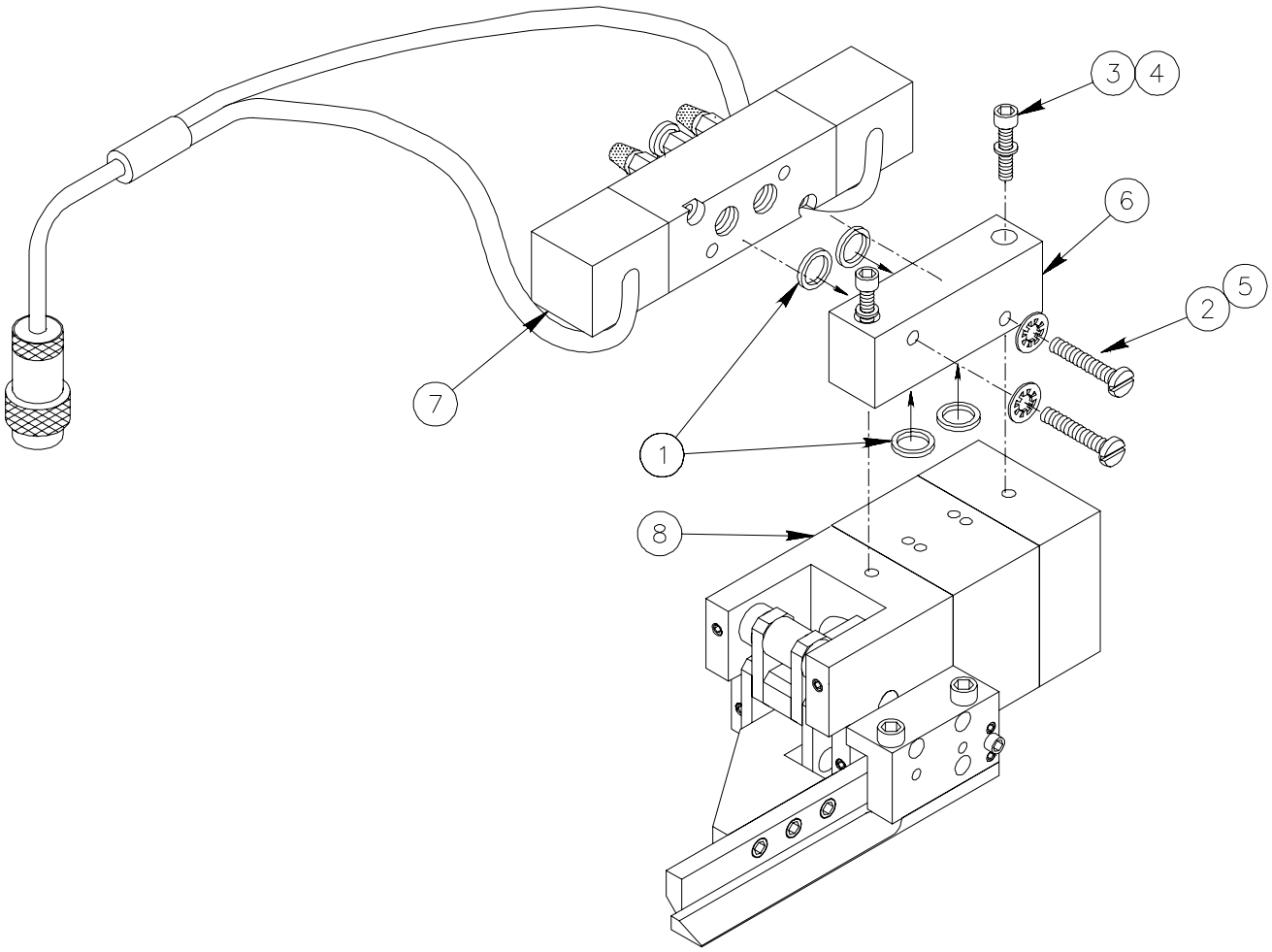
AT110-400E Binding Saver Assembly



#	Part #	Description	Qty	Pg
1	AA198-5102	Regulator	1	
2	AT116-05	Brkt	1	
3	AT116-08E	Cable	1	
4	EE6X753	Cable Tie	1	
5	SSPS80032	Screw, Pan Head	2	
6	NNK6-32	Kep Nut	2	

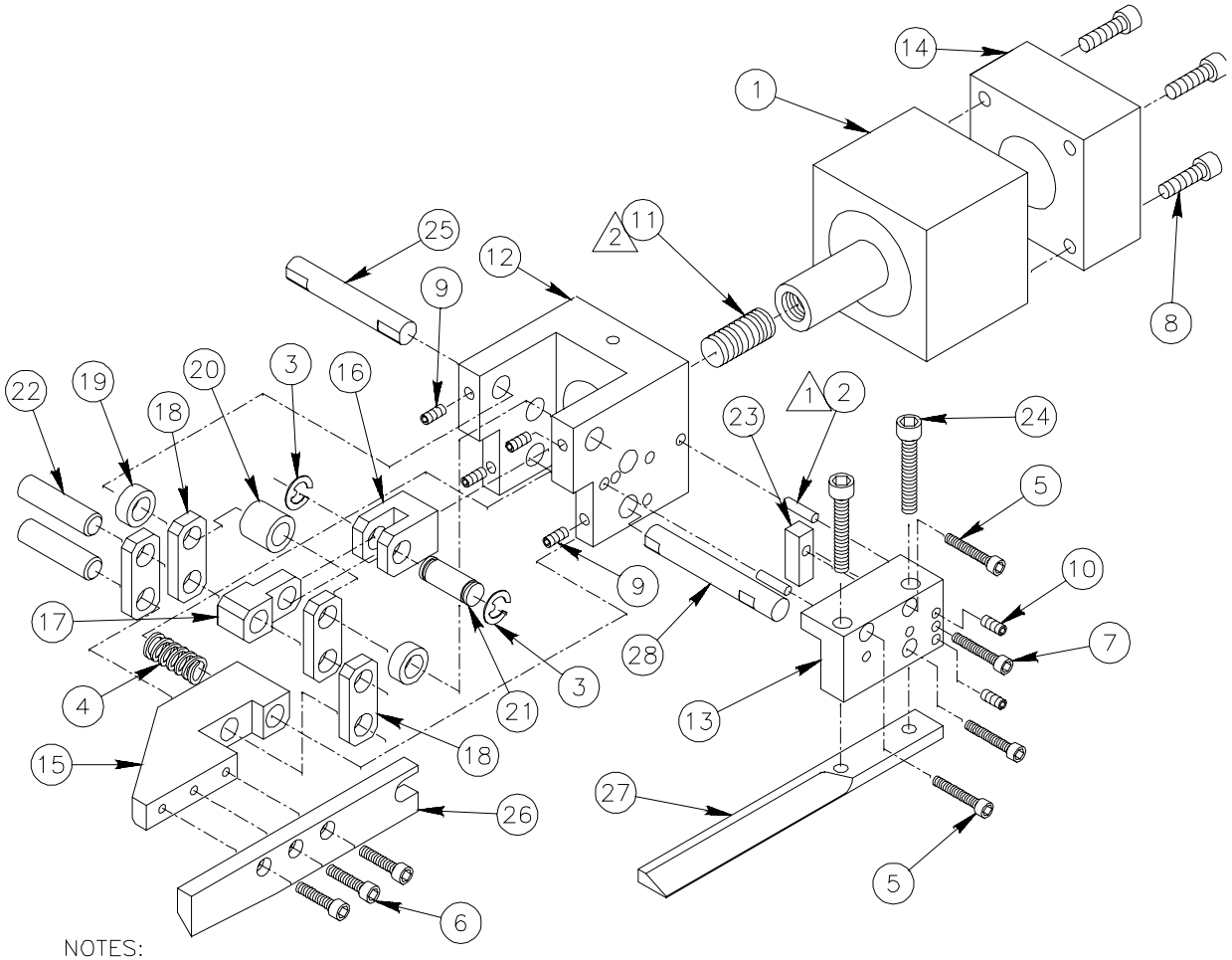
AAC Drawing Number 190148A Rev. 0

AT116-02 Cutter & Valve Sub-Assembly



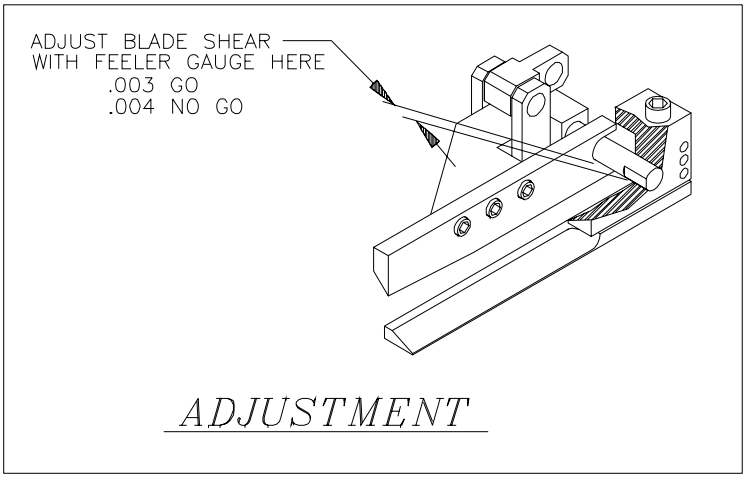
#	Part #	Description	Qty	Pg
1	AA1987012B	O-Ring	4	
2	SSRS90096	Screw, Round Slotted	2	
3	SSSC90064	Screw, Socket Cap	2	
4	WWL8	Lock Washer	2	
5	WWSI8	Internal Tooth Washer	2	
6	AT110-34	Solenoid Manifold	1	
7	AT115-08	Valve Assy	1	
8	AT116-01	Cutter Sub-Assy	1	21

AAC Drawing Number 190098B Rev. 2



NOTES:

1. PRESS DOWEL PINS INTO ITEM #13, LEAVING .25 EXPOSED.
2. USE LOCTITE ON BOTH ENDS BEFORE ASSY. USE #262 RED
3. USE ACCROLUBE TO ALL MOVING LINK PARTS.



ADJUSTMENT

AT116-01 Cutter Sub-Assembly

#	Part #	Description	Qty	Pg
1	AACQ85732A	Air Cylinder	1	
2	IID008X032	Dowel Pin	2	
3	MM8407A132	E-Ring	2	
4	RRLC055G1	Spring	1	
5	SSSC80056	Screw, Socket Cap	3	
6	SSSC85032	Screw, Socket Cap	3	
7	SSSC85048	Screw, Socket Cap	1	
8	SSSC98160	Screw, Socket Cap	4	
9	SSSP90016	Screw, Socket Set	4	
10	SSSP90024	Screw, Socket Set	2	
11	SSSS20048	Screw, Socket Set	1	
12	AT110-01A	Main Block	1	
13	AT110-02	Cutter Support Block	1	
14	AT110-03A	Rear Mount Brkt	1	
15	AT110-06	Cutter Holder	1	
16	AT110-07A	Clevis	1	
17	AT110-10	Connection Link	1	
18	AT110-11	Link	4	
19	AT110-13	Spacer	2	
20	AT110-14	Spacer	1	
21	AT110-17	Clevis Pin	1	
22	AT110-18	Toggle Pin	2	
23	AT110-23	Cutter Adj. Block	1	
24	AT110-25	Screw, Socket Cap	2	
25	AT110-41	Pivot Pin	1	
26	AT113-08	Upper Cutter Blade	1	
27	AT113-09	Lower Cutter Blade	1	
28	AT115-21	Dowel Pin	1	

AAC Drawing Number 190293C Rev. 4

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 Garantia

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 ochociento (800) horas de operación or cien (100) dias 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 Garantia Limitada de AAC entra en efecto el dia de transporte.
- Reclamos de la Garantia deAAC pueden ser realizados por telefono, 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 defectousa con un formulario de reclamo de garantia.
- AAC va, según su criterio, reparar o reemplazar la máquina o pieza defectuoso devuelto para AAC.
- AAC reserva el derecho para tomar la decisión final sobre toda question de garantia.
- Las garantias de AAC tiene un validez de ococientas (800) horas o cien (100) dias cual llega primerlo.
- AAC garantiza operación satisfactoria de sus máquinas en base de las normas aceptadas de la industria contigente en la instalación y mantenimiento adecuada.
- La garantia de AAC no puede ser cambiado o modificado y no está sujeto a cualquier otra garantia 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 ochocientas (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 garantia del fabricante.
- AAC asistirá con el manejo de todo reclamo de garantia bajo la garantia del fabricante.

Lo Que No Está Garantizado

- Falla de repuestos al raiz de uso incorrecto, falta de mantenimiento, lubricación o modificación.
- Daños ocuridos al raiz de mal transporte, accidentes, incendio o cualquier daño al resultado de servicio por personas no autorizados o instalaciones incorrectas de conecciones 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 operacion de este equipo.