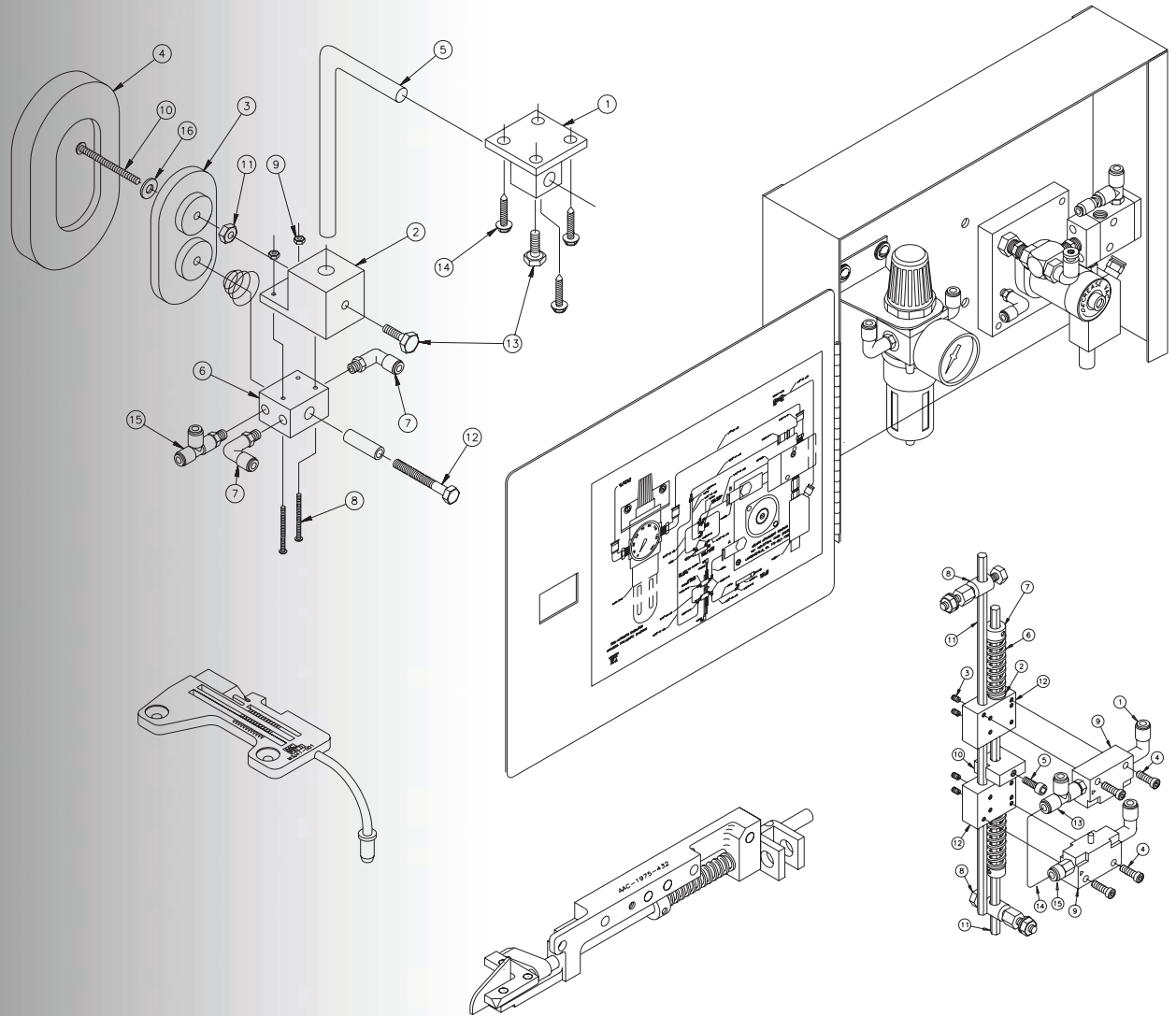


ATLANTA ATTACHMENT COMPANY

AP26SE

Automatic Backlatch System

TECHNICAL MANUAL



401 Industrial Park Dr.
Lawrenceville, GA 30045

www.atlatt.com

**MANUAL NO. ZZAP26SE
SETUP INSTRUCTIONS, LIST OF
PARTS AND PNEUMATIC DIAGRAMS
FOR
AAP26SE**

**Semi Automatic Backlatch
Last Updated 6-20-2002**

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ATLANTA ATTACHMENT CO., INC.

LAWRENCEVILLE, GEORGIA

(770) 963-7369 FAX (770) 963-7641

PRINTED IN U.S.A.

**MANUAL NO. ZZAP26SE
INSTRUCCIONES DE INSTALACIÓN
LISTA DE PARTES, Y DIAGRAMA
NEUMÁTICO PARA LA
AAP26SE**

Remate Semiautomático

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ATLANTA ATTACHMENT CO., INC.

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IMPRESO EN LOS EE.UU.

**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.

**Este equipo es fabricado bajo una o más de las
patentes siguientes:**

En EE.UU.: 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;
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Patentes en el extranjero - 2,084,055; 2,076,379; 2,177,389;
2,210,569; 4-504,742; 8-511,916; 9-520,472; 0,537,323;
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!CAUTION!

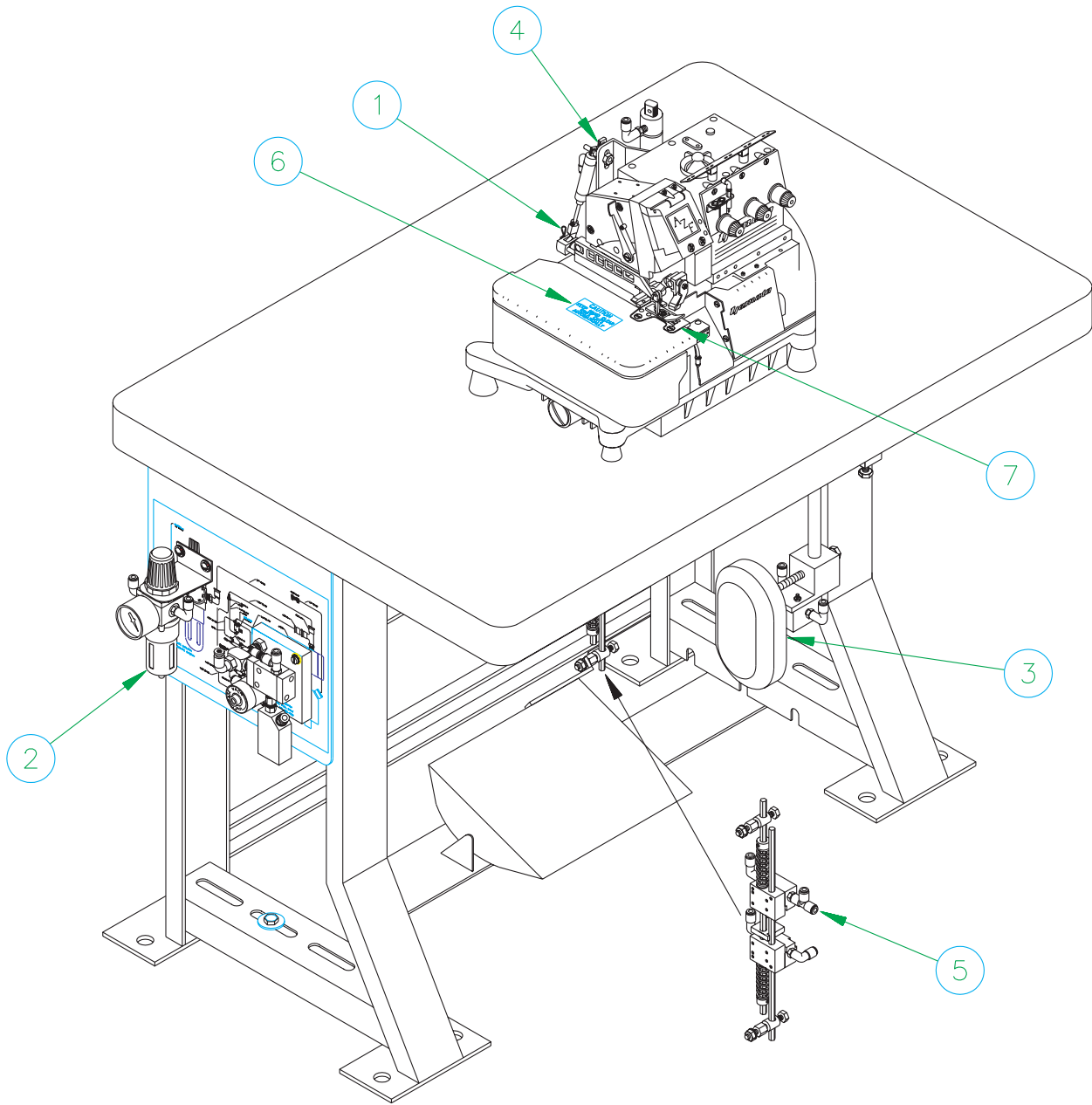
There is a chain cutting knife located behind the presser foot. This knife is operated remotely by a electric Eye or a Push Button. DO NOT put fingers or hands in or around this knife.

All sewing adjustments to the sewing machine head should be made with the power “OFF”.

¡PRECAUCIÓN!

Hay una cuchilla para cortar la cadeneta situada detrás del pie prensatelas. Esta cuchilla es accionada por un Ojo Fotoeléctrico o un botón de hundir. No ponga los dedos o las manos en o alrededor de esta cuchilla.

Todos los ajustes a la cabeza de la máquina de coser deben hacerse con la electricidad “APAGADA”.



AAP26SE Major Components

Part No.	Description	Qty.	Pg.	Part No.	Description	Qty.	Pg.
1	1975-400*	1	2-6	7	Throat Plate & Parts	1	2-8
2	1975E-400A	1	1-6	8	SSZH#10064	4	Δ1
3	1975-400K	1	1-8	9	AATP4-1		10ft Δ1
4	1975-400*	1	2-7	10	AATP5/32		20ft Δ1
5	AA192-56	1	1-9	Δ1 = Not Shown			
6	AT-LABEL-1	1					

* = Last character denotes machine head type. See Section II for complete number.

** = Cut can be accomplished on heel back. Delete Knee Switch and use appropriate Treadle Switch.

1975E-400A Control Panel

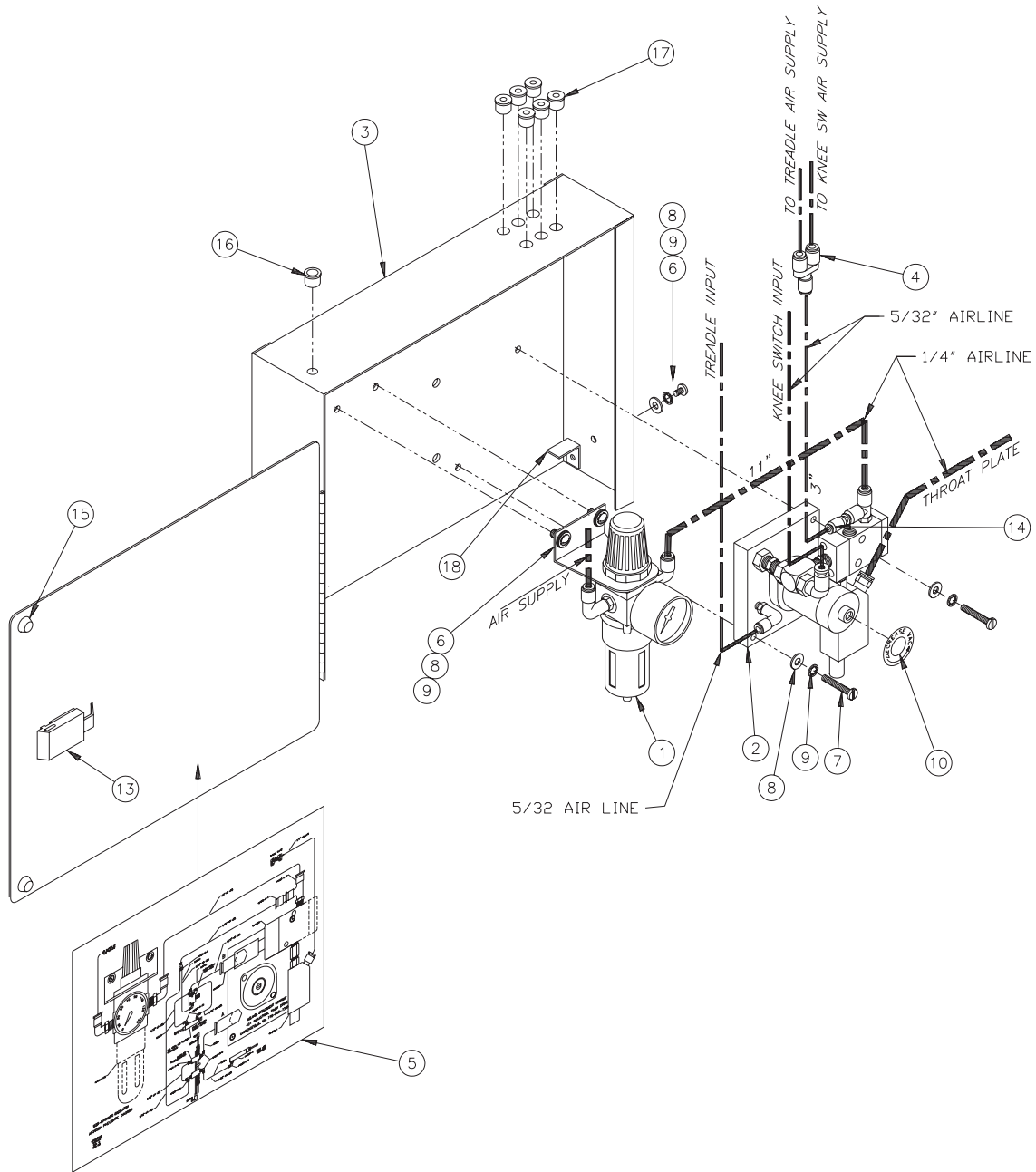
There must be an independent air supply to the Control Panel (no tees or splices) from a main line. This line should be able to maintain 4 CFM of air at 80 PSI. If the Backlatch is not operating correctly:

- (A) Turn off the air supply.
- (B) Disconnect air line from the throat plate at the vacuum valve.
- (C) Clean any thread or trash from inside the vacuum generator.
- (D) Check all fittings and air lines for tightness and air leaks.
- (E) Check Throat Plate for holes in the tube or burrs on the chaining finger.

Panel De Control 1975E-400A

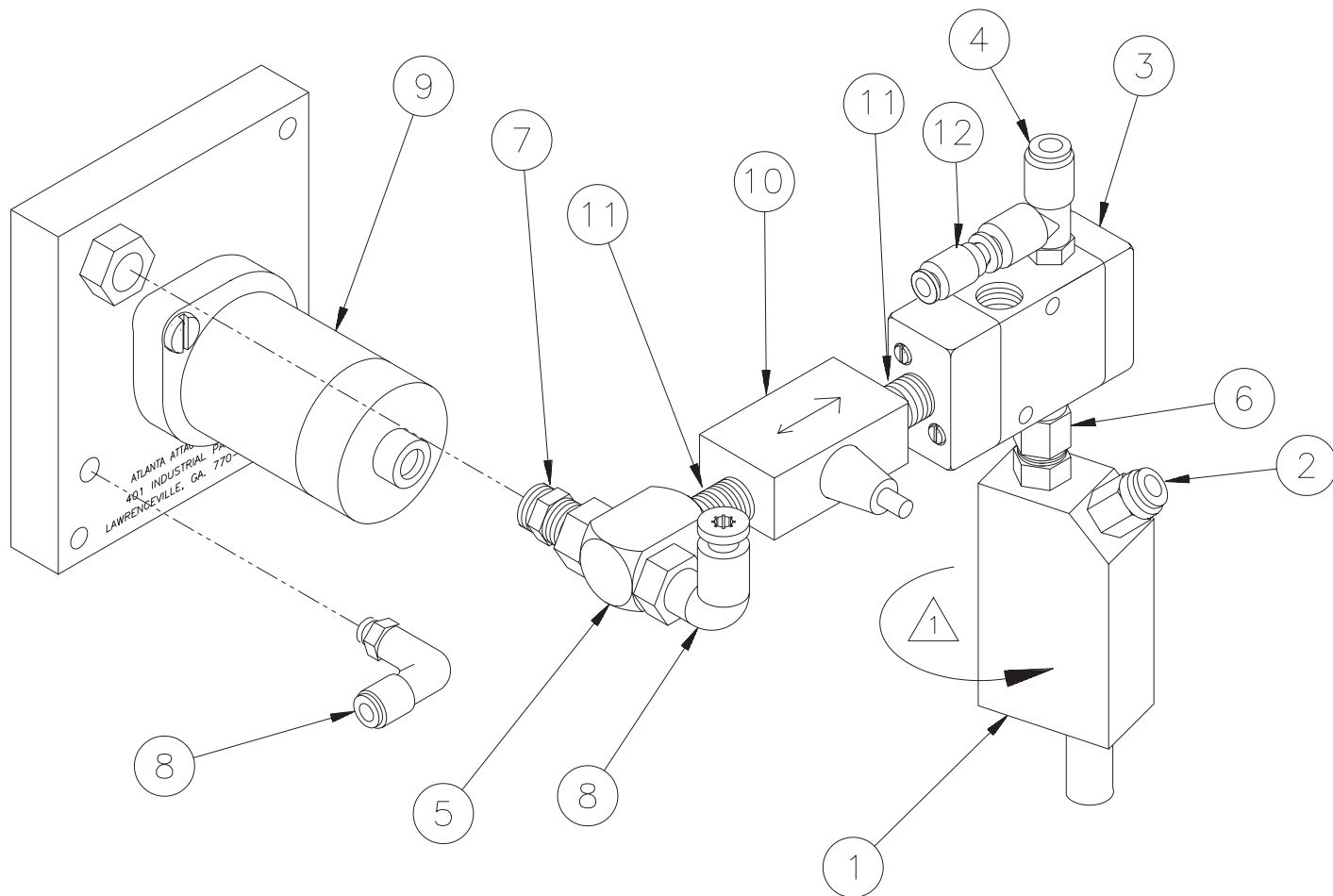
Tiene que haber un surtidor independiente de presión de aire desde una línea principal al panel de Control (no "T" o empalmes). Esta línea debe poder mantener 4 Pies Cúbicos por Minuto (CFM) de presión de aire a 80 PSI. Si el Remate Automático no está operando correctamente:

- (A) Apague la presión de aire.
- (B) Desconecte la manguera de presión de aire de la plancha de la aguja a la válvula de succión.
- (C) Limpie cualquier hilo o basura de dentro del generador de vacío.
- (D) Verifique que todos los accesorios y las mangueras estén bien apretados y chequee por escapes de aire.
- (E) Chequee por orificios en el tubo de la Plancha de la Aguja y por esquirlas en el dedo de encadenado.



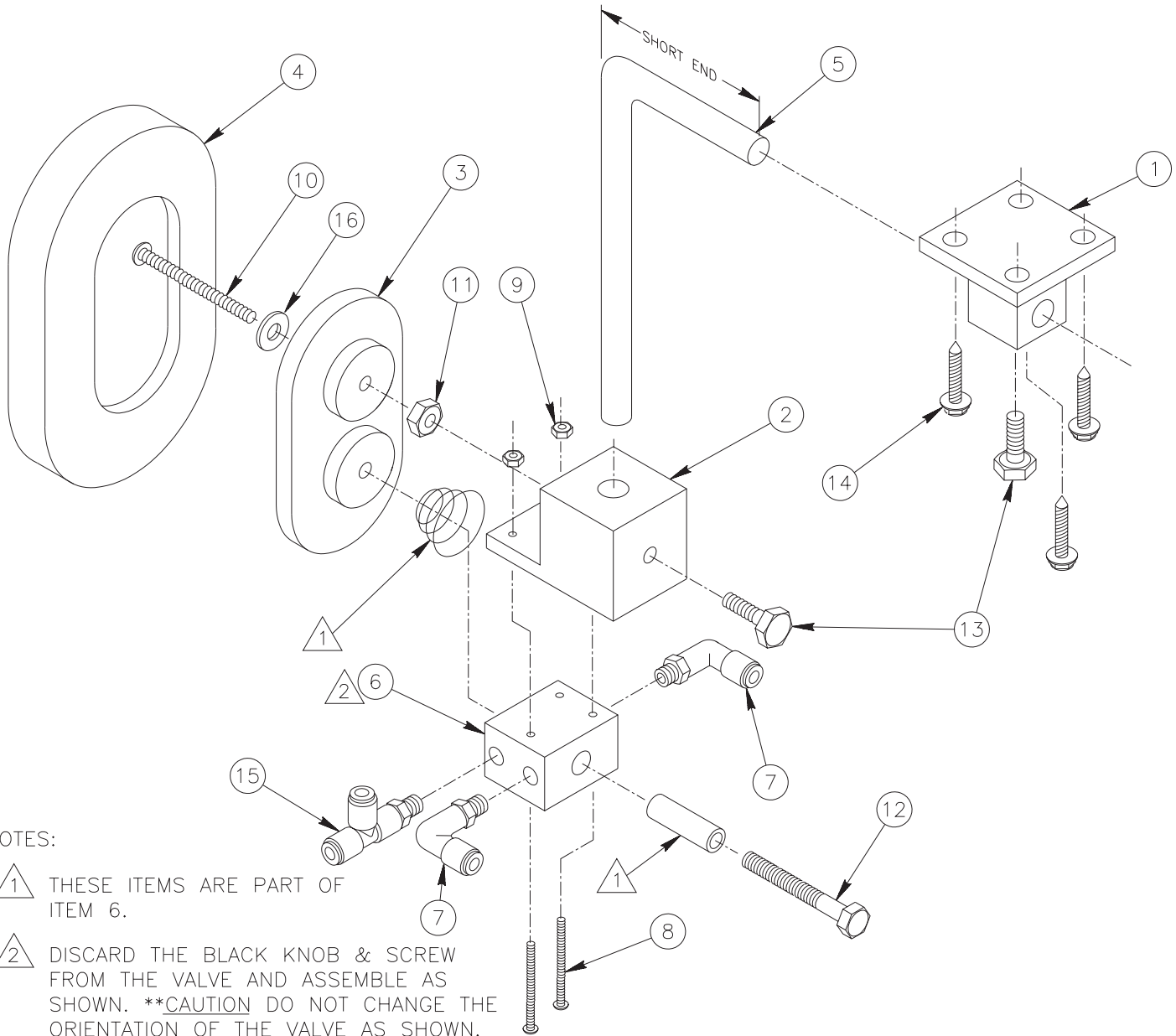
1975E-400A Control Panel

Part No.	Description	Qty.	Pg.	Part No.	Description	Qty.	Pg.
1	AA198-5102	Reg. w/ gauge & nut	1	11	1975C-407	Reg. Label	AR Δ1
2	1976-408D	Backlatch Acrylic SubA.	1	12	LABEL-PAT	Patent Label	AR Δ1
3	1975D-401	Control Box	1	13	MM40450010	Latch	1
4	AAQUY-5-5	Quick Union Y	1	14	AAQPR-5-4	Quick Reducer	1
5	AAP26SEPD2	Pneumatic Diagram	AR	15	MMSLD-ECH	Rubber Bumper	2
6	SSPS90024	Scr, Pn Sl 8-32x3/8	3	16	EESB-375-4	Heyco Bushing 1/4"	1
7	SSPS90064	Scr, Pn Sl.8-32x1	2	17	EESB-375-3	Heyco Bushing 3/16"	6
8	WWF8	Flat Washer	5	18	1275C-411	Support	1
9	WWSI8	Internal Star Washer	5	AAC Drawing Number = 191786C Rev. 8			
10	1975C-405A	Label, Decrease Vacuum.	AR				



1976-408D Backlatch Acrylic Sub Assembly

Part No.	Description	Qty.	Pg.	Part No.	Description	Qty.	Pg.
1	AAV#33-4	Vaccum Generator	1	8	AAQME-5-8	Quick Male Elbow	AR
2	AAQMC-4-8	Quick Male Connect	AR	9	AAVR333	Delay In Timer Valve	AR
3	AAV125B	Pilot Valve	AR	10	AAF207P-2	Coupling, 1/8	AR
4	AQMT-4-8	Quick MAle T	AR	11	273-4-504	Colse Nipple	AR
5	AAVS125	Shuttle Valve	AR	12	AAQPR-5-4	Reducer	AR
6	AAQPR-5-4	5/32 1/4 Reducer	AR	AAC Drawing Number = 190403A Rev. 4			
7	AAF122A-A	Hex Close Nipple	AR				

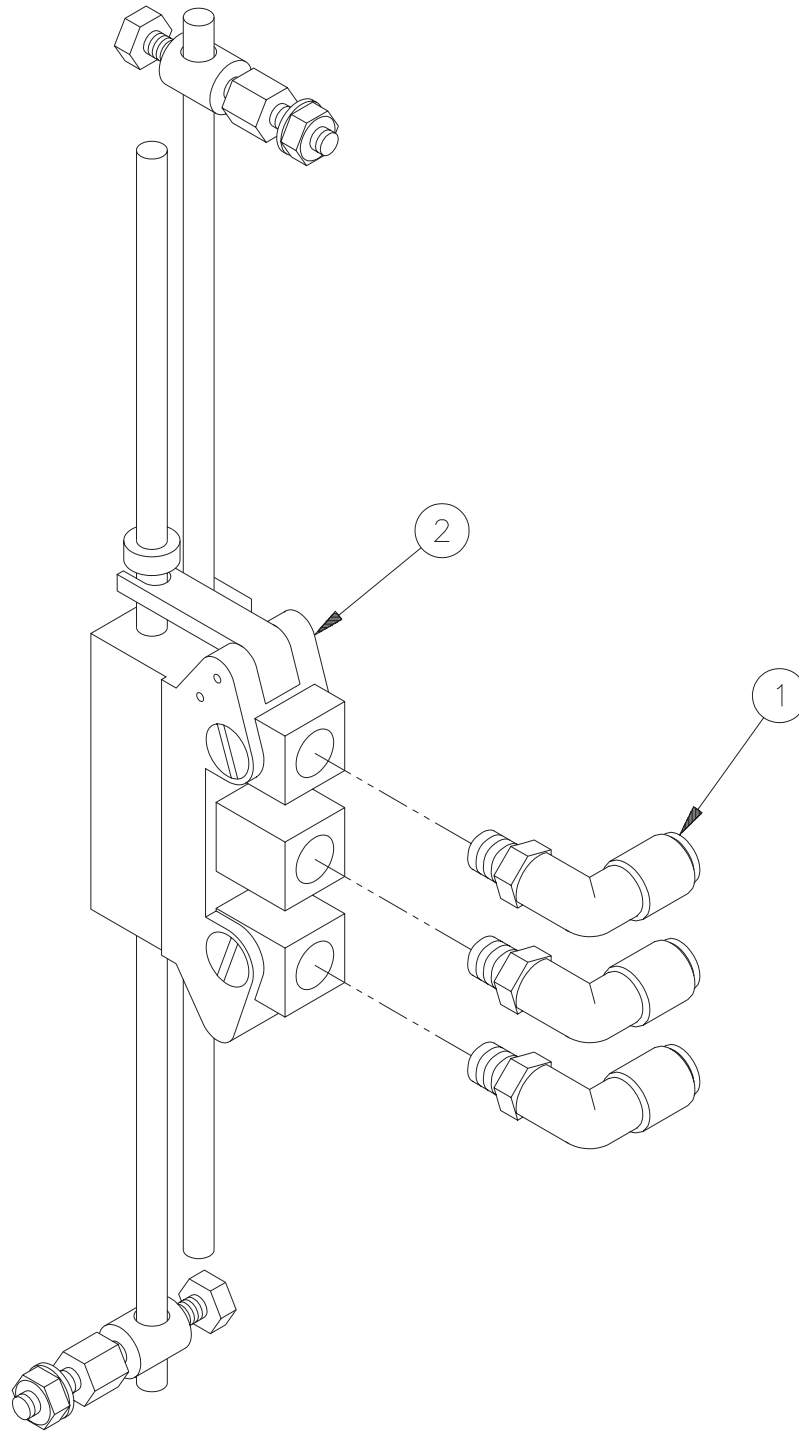


NOTES:

- △ 1 THESE ITEMS ARE PART OF ITEM 6.
- △ 2 DISCARD THE BLACK KNOB & SCREW FROM THE VALVE AND ASSEMBLE AS SHOWN. ****CAUTION**** DO NOT CHANGE THE ORIENTATION OF THE VALVE AS SHOWN.
- 3. ITEMS 1-13 TOGETHER MAKE UP A AA192-6-1 KNEE SWITCH.

1975-400K Knee Switch

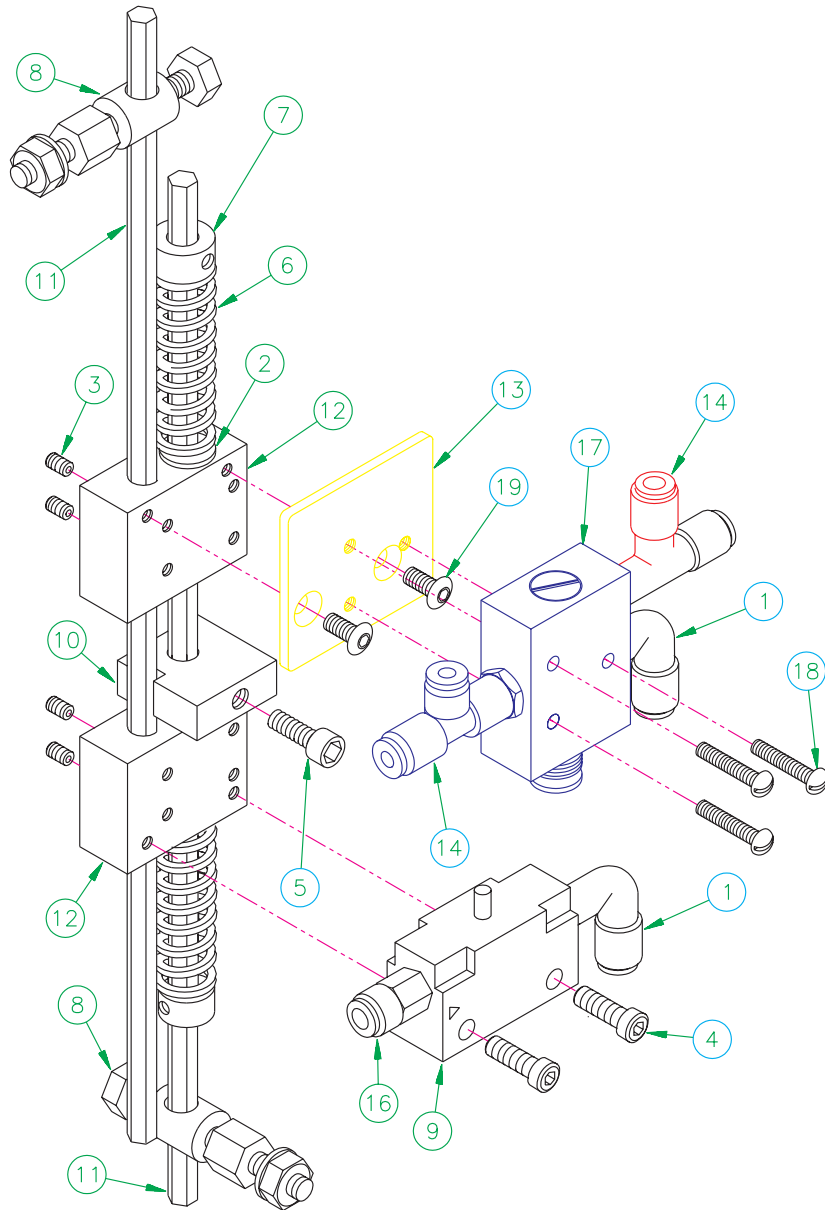
Part No.	Description	Qty.	Pg.	Part No.	Description	Qty.	Pg.
1	AA192-6A1	1		10	SSRS98160	1	
2	AA192-6A2	1		11	NNH10-32	1	
3	AA192-6A3	1		12	SSHCO1128	1	
4	AA192-6A5	1		13	SSHCO10048	2	
5	273-4-407	1		14	SSZH#10064	4	
6	AAVMB43	1		15	AAQMT-5-8	1	
7	AAQME-5-8	2		16	WWF10	1	
8	SSRS80096	2		AAC Drawing Number = 190106B Rev. 2			
9	NNH6-32	2					



AA192-56 Double Action Treadle Switch

Part No.	Description	Qty.	Pg.	Part No.	Description	Qty.	Pg.
1	AAQME-5-8	Quick Male Elbow	3	2	AA25768	Treadle	1

AAC Drawing Number = 190123B Rev. 7



NOTES:

 NOT SHOWN.

1975-400T1 Treadle Switch, Double Action

Part No.	Description	Qty.	Pg.	Part No.	Description	Qty.	Pg.
1	AAQME-5-8	Quick Male Elbow	2	11	AA192-552	Treadle Rod	1
2	WWF5/16S	Washer SAE No. 5/16	2	12	AA192-554	Mount Block	2
3	SSSS90012	Scr,So St 8-32x3/16	4	13	AA192-555	Bracket Valve	1
4	SSSC90064	Scr,So Cp 8-32x1	2	14	AAQMT-5-8	Quick Male Tee	2
5	SSSC01064	Scr,So Cp 1/4-20x1	1	15	AATP5/32	Airline, 5/32	.37'
6	RRLC026E12	Spring	2	16	AAQMC-5-8	Quick Male Conn	1
7	CCSC9/32	9/32 ID Set Collar	2	17	AAV41-P	Air Valve	1
8	AA192-7DC1	Rod End	2	18	SSPS80048	Scr. Pn Hd Sl 332x3/4	3
9	AAVNVM130	Air Valve	2	19	SSFC90024	Scr. Fl Al Cp 3-32x3/8	2
10	AA192-591	Activator Bracket	1	AAC Drawing Number = 192007B Rev. 1			

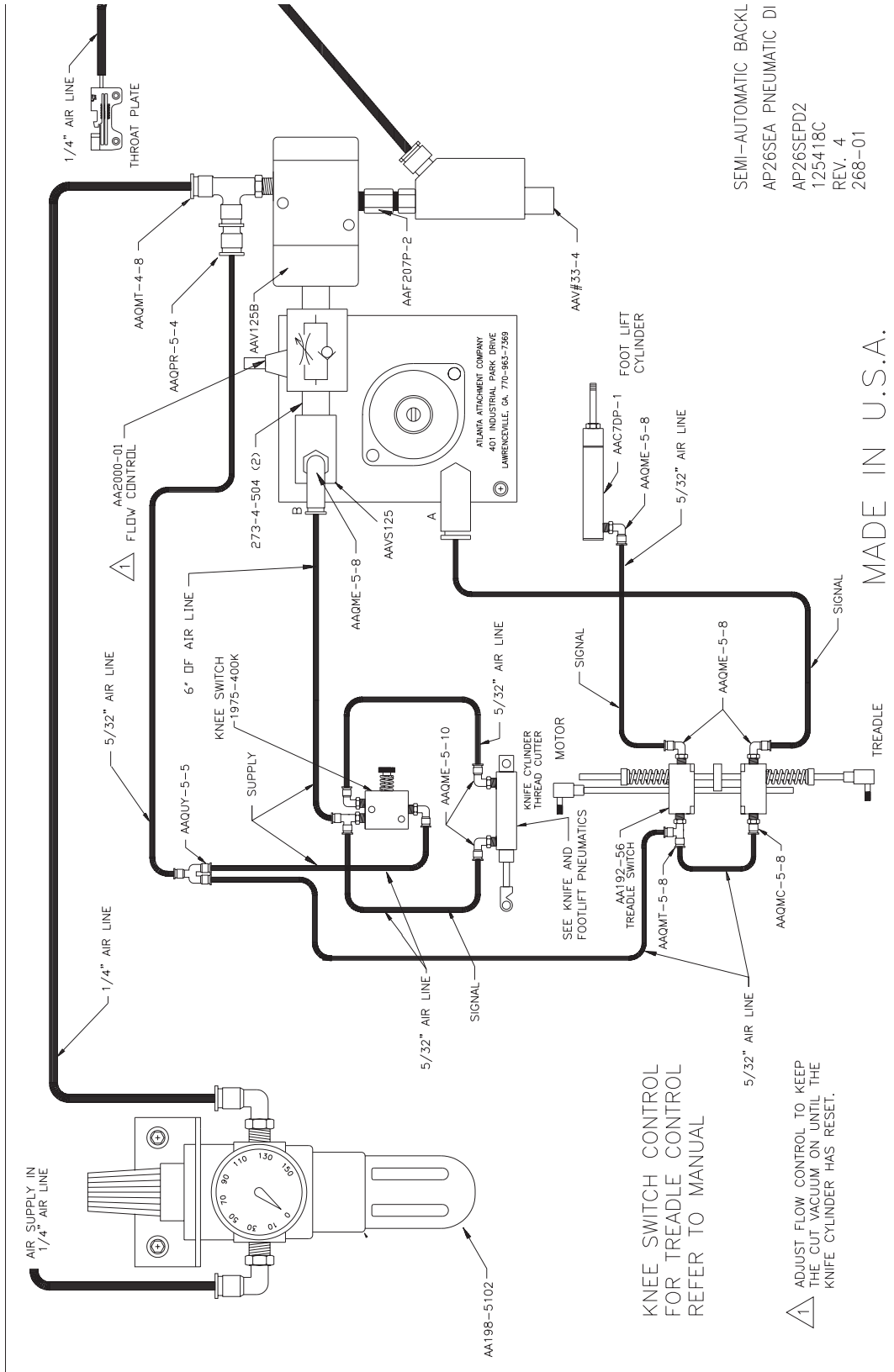
AAP26SE Sew Off

1. Heel the treadle to lift the foot.
2. Insert the garment under the presser foot as close to the needle as possible.
3. Release and depress the sew treadle.
 - A. Vacuum comes on.
 - B. Stitching begins.
 - C. Vacuum shuts off. The time interval of the vacuum "on" is only long enough to capture the stitch chain and sew past the vacuum tube at the rear of the throat plate. To change this time interval, rotate screw on timing valve as indicated.
4. As sewing is complete, release the treadle and gently pull the chain to the rear and actuate the chain cutting knife by depressing the knee switch, or heel back to cut if the heel back to cut option was selected. The stitch chain must be completely pulled off the stitch tongue.
5. The knee switch or optional heel switch will operate the chain cutting knife and open the vacuum to the chaining tongue for a predetermined amount of time.
6. Ideally the chain will be drawn into the tube by the vacuum from the cut signal.
7. Another garment can now be sewn. Placement of the garment to the edge trimming knife and needle position are of little concern.

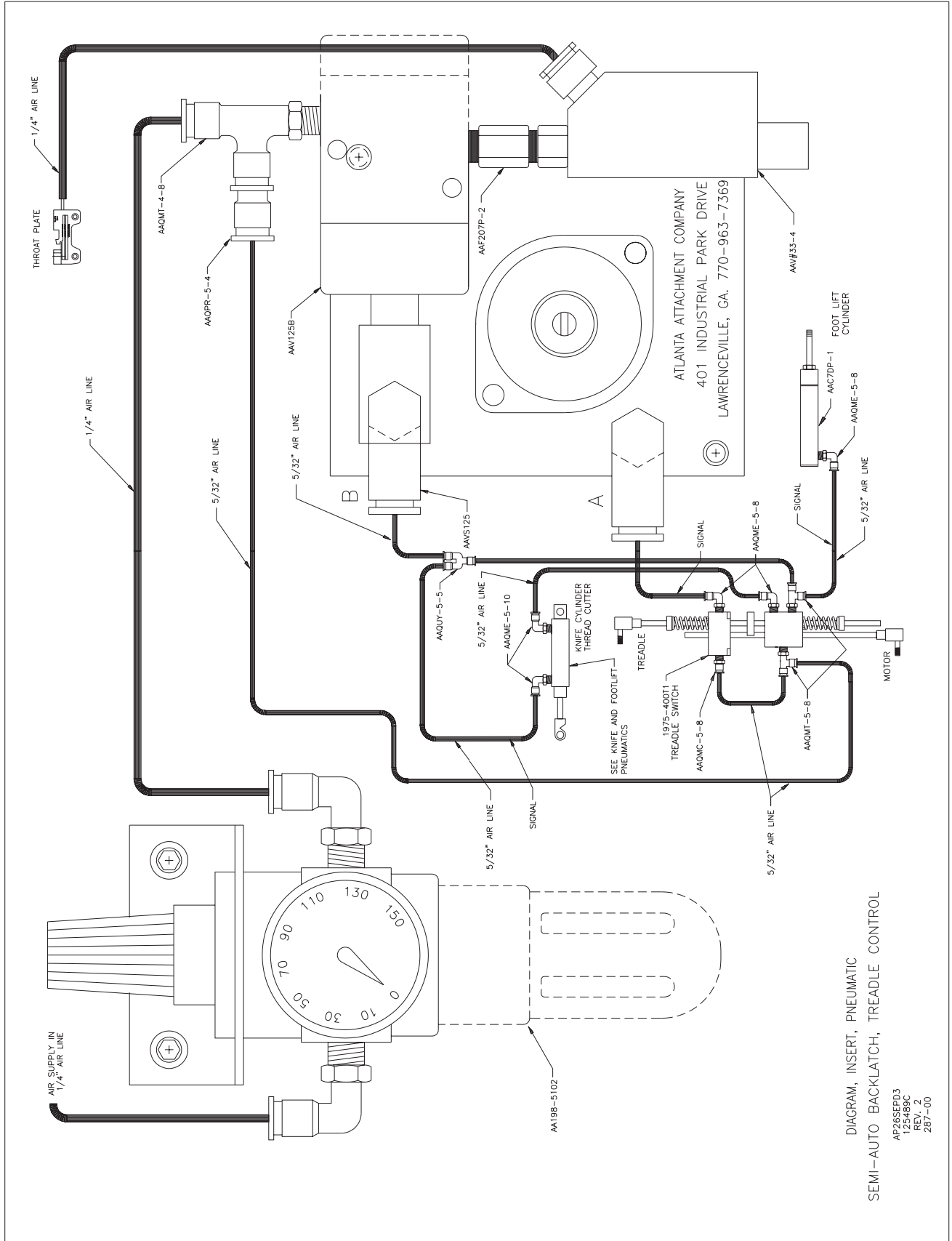
Para Coser Con La AAP26SE

1. Taconee el pedal para levantar el prensatelas.
2. Inserte la prenda debajo del prensatelas tan cerca de la aguja como sea posible.
3. Suelte y hunda el pedal para coser.
 - A. La succión se enciende.
 - B. La costura comienza.
 - C. La succión se apaga. El tiempo que la succión se enciende es sólo suficiente para capturar la cadeneta y coser más allá del tubo de succión en la parte posterior de la plancha de la aguja. Para cambiar este intervalo de tiempo, rote el tornillo en la válvula de tiempo como es indicado.
4. Al terminar la costura, suelte el pedal y suavemente tire de la cadeneta hacia atrás y active el cortacadeneta con el interruptor de rodilla, o taconee para cortar si se escogió la opción de cortar con el tacón. La cadeneta tiene que ser completamente halada de la lengua de la puntada.
5. El interruptor de rodilla o el interruptor opcional del talón operará el cortacadeneta y encenderá la succión a la lengua de encadenado por un tiempo predeterminado.
6. La cadena debe introducirse dentro del tubo de succión a la señal de corte.
7. Otra prenda puede ser cosida ahora. La colocación de la prenda hasta la recortadora de borde y la posición de la aguja no son importantes.

AP26SEPD2 Pneumatic Diagram



AP26SEPD3 Pneumatic Diagram



Notes