PantsToppers

Model Ajax DTM

OWNER'S MANUAL

THIS MANUAL MUST BE GIVEN TO THE EQUIPMENT OWNER.

Equipment is subject to manufacturer's standard warranty.
Accuracy of illustration and description of equipment shown herein applies to product as manufactured at time of publication.

(12) August 98 **SFS**

AJ0109

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ILLUSTRATED PARTS

SPECIFICATIONS

Electric Motor.....	1/3 H.P., 115V. or 230V., 60 Cycle, AC, 1 Phase
.....	220V., 50 Cycle, AC, 1 Phase
Operating Steam Pressure.....	100 P.S.I.G. (5.8 Bars) Maximum
Boiler Horsepower (Approx.).....	3/4 (7.3 kw)
Steam Supply Line.....	1/2" Pipe (1.3 cm)
Steam Return Line.....	1/2" Pipe (1.3 cm)
*Air Supply Connection.....	1/8" Pipe (.32 cm)
*Air Supply Requirement.....	80 P.S.I.G., 6 C.F.M. (4.4 Bar, 2 C.M.M.)
Net Weight Model A.....	200 Pounds (100 kg)
Net Weight Model B.....	230 Pounds (104.5 kg)

Note: Specifications are subject to change without prior notice.

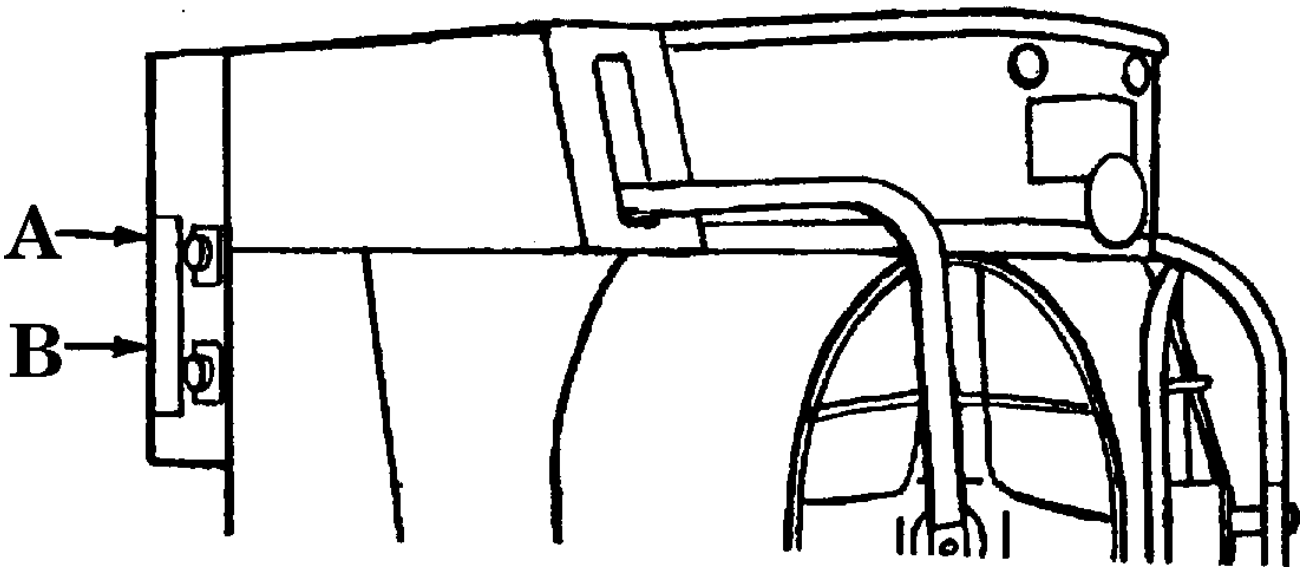
GENERAL INFORMATION

UNCRATING: Set crate upright, remove sides and top. Remove the two rear base bolts and lift from crate.

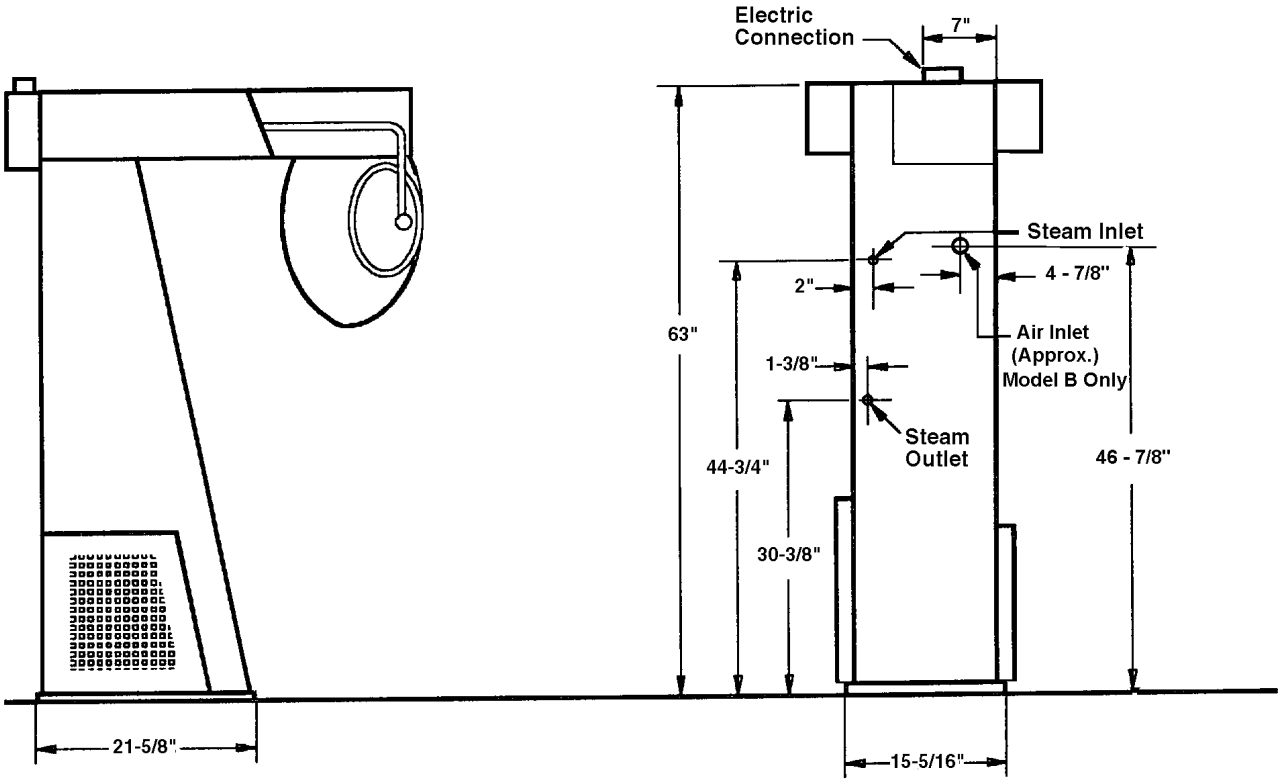
PROTECTIVE PLASTIC COVER: Do not remove plastic cover from the nylon pants topper bag until machine is installed and is ready for operation.

AUTOMATIC STEAM TIMER: The Automatic Steam Timer (A) is adjustable from 0 to 60 seconds, and is set at the factory for 4 seconds normal steaming. Adjust as required.

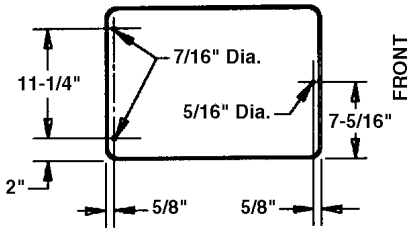
AUTOMATIC AIR TIMER: The Automatic Air Timer (B) is adjustable for 0 to 60 seconds and is factory set for 25 seconds for normal drying. Adjust as required.



PANTS TOPPER - DIMENSION DRAWINGS



BASE MOUNTING HOLES



Dimensions given in inches plus/minus 1/2" and are subject to change without prior notice

STEAM CONNECTIONS

Make Steam Supply and Steam Return connections as shown in Figure 2.

All horizontal runs must drain by gravity to respective Steam Header. Portions that connot drain to Header must drain by gravity to machine, without water pockets.

Each Steam Header must drain, by gravity, to boiler or condensate return tank.

To prevent condensate draining from Steam Headers to machine, make steam connections (to each respective Header) with a 12 inch or more vertical riser. Do not make steam connections to a Header with a horizontal or downwardly facing tee or elbow.

Water pockets, or an improperly drained steam line (or header), will provide wet steam, causing unnecessary wetting-out of buck padding.

Before installing check valve, trap and strainer, connect steam supply to machine from globe valve (A). Open globe valve (A) to flush any foreign matter that may be in castings or pipes; open globe valve (C) to flush foreign matter from return connections, then connect steam return from valve (C) to machine with check valve, trap, and strainer as shown. If steam is gravity returned to boiler, omit trap.

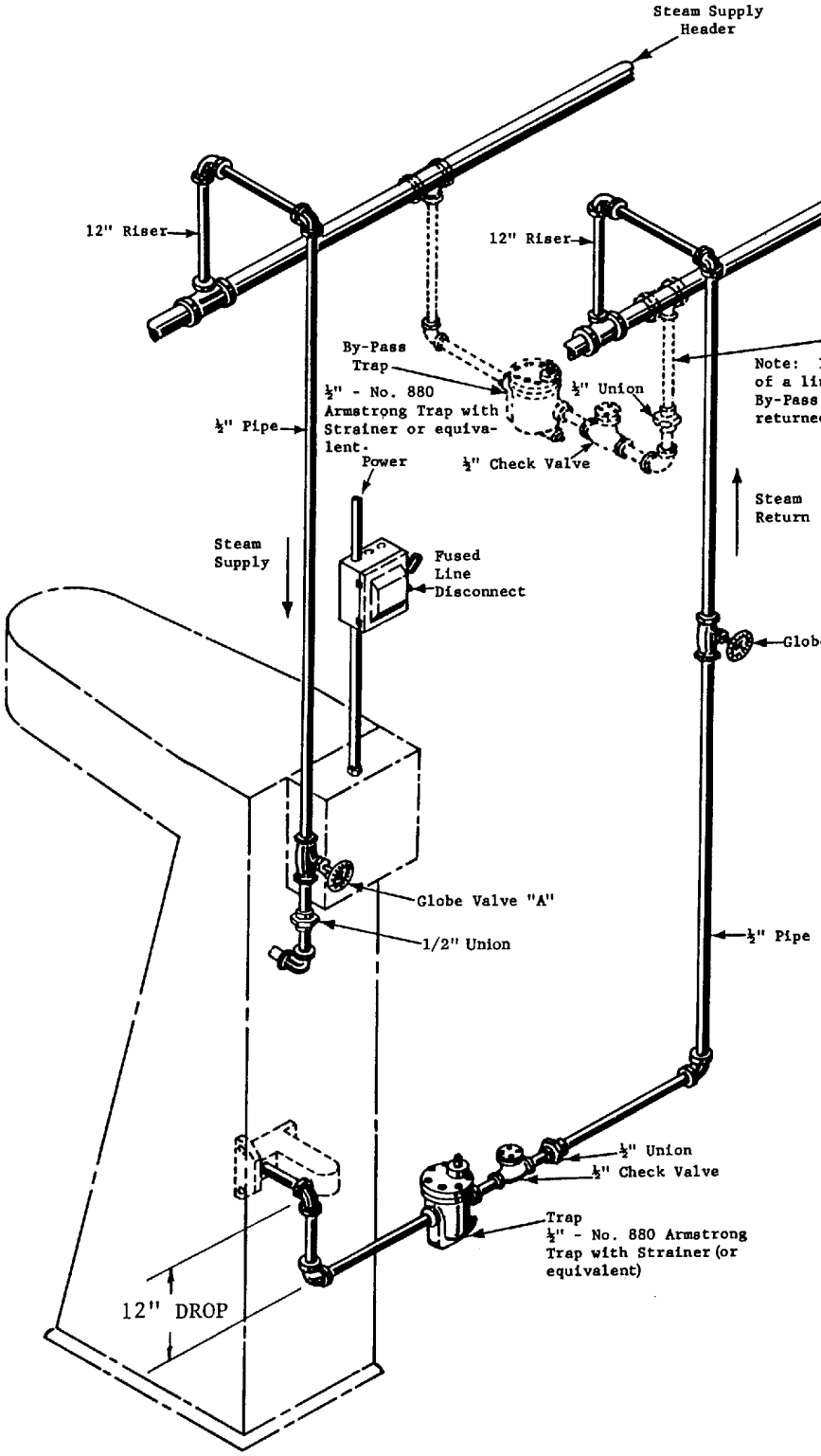
NOTE: For successful operation of machine, install trap as close to floor and as near machine as possible. Inspect trap carefully for inlet and outlet marks and install according to manufacturer's instructions.

IMPORTANT: A separate steam trap must be used with each machine.

CAUTION

BEFORE OPERATING PANTS TOPPER, OPEN GLOBE VALVES IN STEAM LINES. CHECK CAREFULLY FOR STEAM LEAKS, AND SEE THAT TRAP IS OPERATING PROPERLY. UNDER NO CIRCUMSTANCES SHOULD MACHINE BE OPERATED UNTIL HOT. OPERATING THE MACHINE COLD WILL WET THE NYLON BAG AND PADDING.

TO DRY A WET BAG OR PAD, DEPRESS THE "ON" MANUAL AIR SWITCH. AIR WILL OPERATE CONTINOUSLY UNTIL "OFF" AIR SWITCH IS DEPRESSED.



Water line of boiler of a gravity return system must be 1 to 2' ft. below return connection of machine.

ELECTRICAL CONNECTIONS

THE STANDARD Pants Topper has single phase motors. Before installation, check nameplates on motor and control box for rated voltage and current specifications.

MAKE ELECTRICAL CONNECTIONS as indicated on wiring diagram attached to inside cover of electrical junction box on Topper. Voltage and current of power line must be the same as the Electrical Specifications of the motor, timers, relays, and solenoid.

FOR SINGLE PHASE CURRENT, connect power leads, L1 and L2, to an approved fused disconnect switch in power line.

TO CONNECT STANDARD, SINGLE PHASE MACHINE TO THREE PHASE CURRENT, connect power leads, L1 and L2, to any two terminals of an approved fused disconnect switch in the three phase power line.

FOR THREE PHASE CURRENT, connect power leads L1, L2, and L3 to the three terminals of an approved fused disconnect switch in the three phase power line. The motor must rotate clockwise when facing the belt and pulley. If rotation is incorrect, transpose any two leads connecting the power line, and rotation of motor will reverse.

IMPORTANT: Consult your local electrical code before making any electrical connections; be certain that the electrical installation conforms with all local requirements.

Always check wiring before closing the disconnect switch.

MAINTENANCE INSTRUCTIONS

IMPORTANT - Shut-off steam and electric power before performing Maintenance Operations. Compressed air should also be cut off.

ELECTRIC MOTOR LUBRICATION:

SLEEVE BEARINGS: Motors with wool-packed sleeve bearings are oiled at the factory for two years normal operation. After two years normal operation, add annually 1/2 teaspoon electric motor oil or SAE-10 to each bearing. For 24 hours per day operation, add one teaspoon of oil annually.

BALL BEARING: Motors having ball bearings are packed with sufficient grease for approximately TEN YEARS of normal operation. After ten years of normal operation, the bearings and housing should be cleaned thoroughly. Repack each bearing and the cavity back of the bearing 1/3 full with G. E. Ball Bearing grease.

CHECK VOLTAGE AND CURRENT:

Your Topper is wired for a given voltage and current as stamped on name plate. Motor, Timers, Relays and Solenoid are for Single Voltage and Single current only. If machine is to be operated on any voltage and current, other than apecified above, **THE MOTOR, RELAYS, TIMERS AND SOLENOID MUST BE REPLACED WITH UNITS CORRESPONDING TO THE VOLTAGE AND CURRENT ON WHICH THEY ARE TO BE OPERATED.**

GENERAL CLEANING:

Every six months remove top cover, rear panel, front panel, blower and belt guards and clean thoroughly with a vacuum cleaner or air hose.

POSITIONING PANTS ON TOPPER

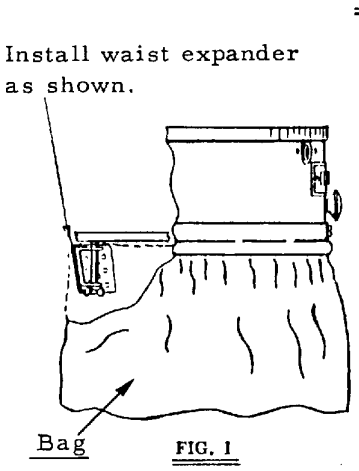


FIG. 1

For small or regular size Pants, position Waist Band, (at rear of pants), at top of Expander

For large pants, (or pants with tight crotch line), lower waist band on Expander to eliminate tightness and wrinkles in crotch area.

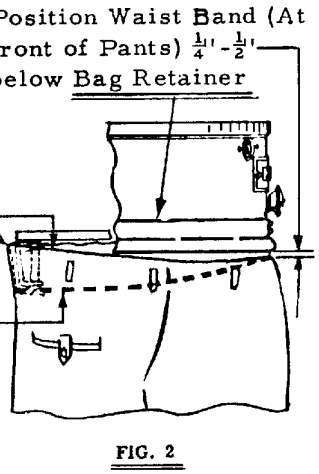
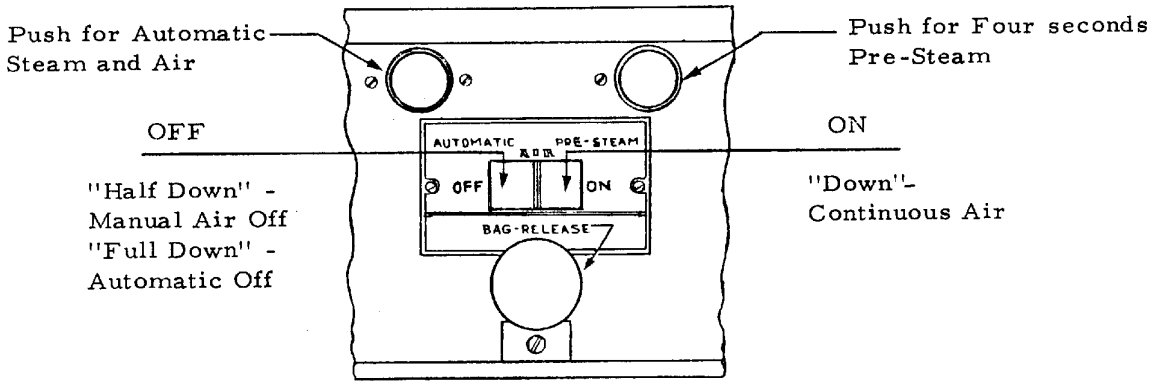


FIG. 2



OPERATING INSTRUCTIONS

(A) At "Start-Up" (or after "Idle Periods" of operation) preheat before operating:
a. Lower pleat clamps onto padded buck; Operate Topper on "Manual Air" continuously for about one (1) minute.

(B) Either PRE-STEAM or AUTOMATIC Steam-Air cycle may be cancelled by pushing "OFF" Air Switch fully down.

(C) For Suede, Chamois or leather trimmed trousers, use manual air switch to provide air "while steaming", as full air pressure is required to hold pants taut during steaming cycle.

(D) Tops Trousers, slacks, shorts (Lightweight or Heavyweight) sizes 28 to 50.

NOTE: Top small sizes, (including boys pants and small size ladies slacks) on 1M Puff Iron.
Top large sizes on end of utility press.

OPERATING INSTRUCTIONS

CAUTION: Timer Adjustments

STEAM: Must not be greater than 6 seconds
(Average setting 4-5 Seconds)

AIR: Must not be less than 20 seconds
(Average Setting 25 Seconds)

NOTE: Straighten Pockets; Button Pocket Flaps; Button or Snap front of Waist Band, But Do Not Close Zipper.

1. Grip rear top portion of bag and puff waist expander forward until it locks.

2. Lift trousers onto form, placing back center of waist band high onto waist expander.

   Pull trousers forward; hook, button or snap front of waist band.
   Do not close zipper of pants.

3. Continue to hold forward tension on trousers and push “bag release” knob. Allow automatic tension of waist expander to draw front of trousers onto face of buck.

4. Adjust and center pants to highest position on buck. Align crotch; do not raise pants too high as crotch must remain loose in buck opening to prevent wrinkling of crotch area.

5. To soften pleats (Before making respective pleat lays), push PRE-STEAM BUTTON. Steam Timer controls pre-steaming automatically.

   NOTE: Excessive moisture will de-lusterize Rayon acetates. This may be minimized by using “air” while steaming; or shortening of steam cycle by depressing fully “off” air switch. Do not use the pre-steaming operation on rayon acetates.

6. Smooth out material and lay each pleat separately, working from fly toward pleat being layed. Align pleat with leg crease; close pleat holder. If too much material is encountered during laying of pleats, trousers are too high on the buck and too low on the rear expander. If too little material is available to lay the pleat properly, the trousers may be too low on the buck and too high on the expander.

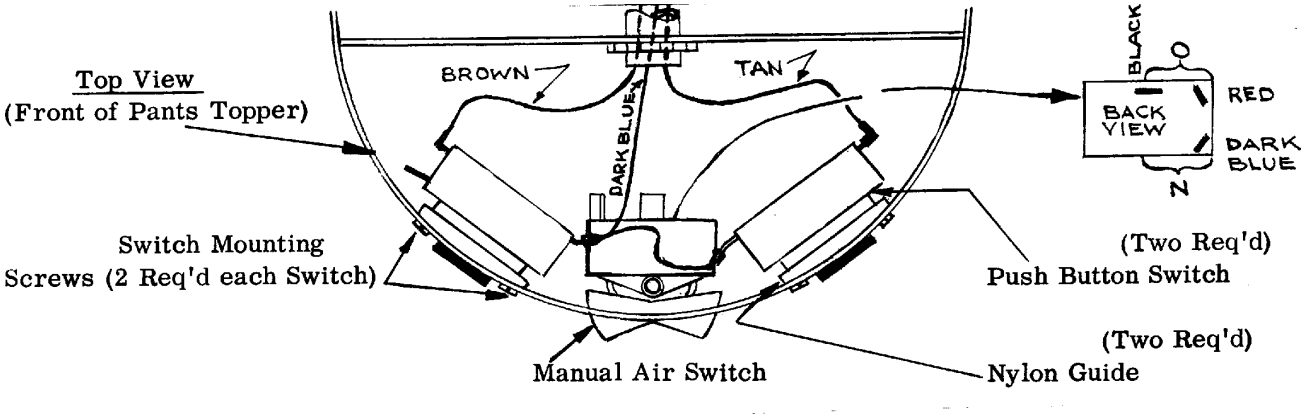
7. Push AUTOMATIC Button. Steam and Air Timers control steam followed by air automatically.

   Leg-out during the final phase of the automatic cycle of the Topper.

8. Place creased trousers on hanger and make necessary touch-ups on Puff Iron before placing pants on finish rail.

REPLACING THE CONTROL SWITCHES

1. Refer to illustration.
2. Cut off steam and electrical supply. Allow machine to cool.
3. Remove top panel.
4. Disconnect switch leads.
5. Remove switch mounting screws.
6. Remove old switches and nylon spacers.
7. Install new switches and spacers in reverse order.



AIR PRESSURE CONTROL OPERATION

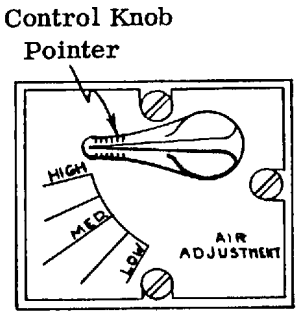


FIG. 1

Normally, set the air pressure control knob horizontally in the position illustrated, (Fig. 1).

For light weight materials (which may be stretched), set the control knob in the LOW position, (or to any intermediate position), to give the desired air pressure. If desired, the topper may be operated continuously with the control knob set in a postion providing the air pressure found most suitable by the operator.

INSTRUCTIONS FOR OPERATING AIR PRESSURE CONTROL

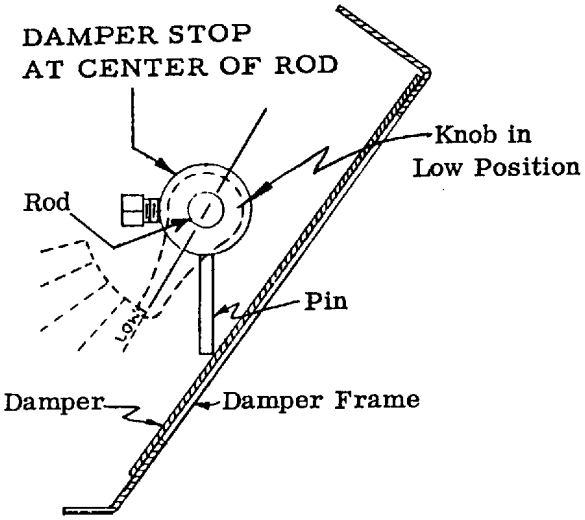


FIG. 2

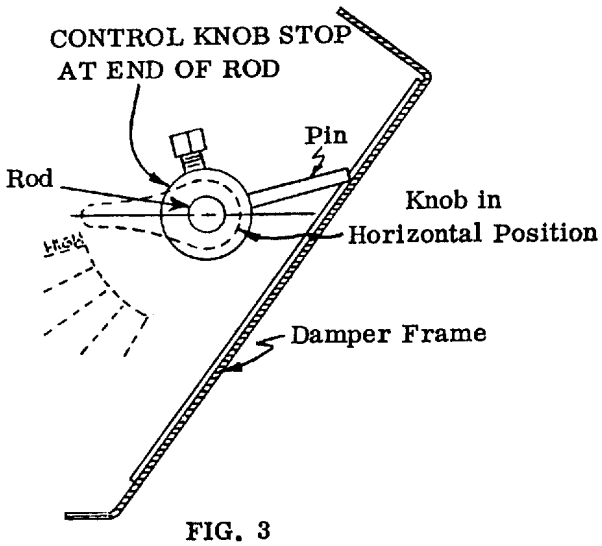


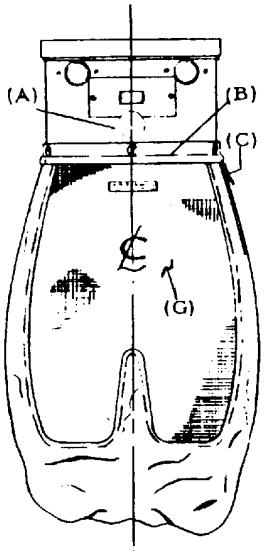
FIG. 3

1. Turn off electric power and remove Top Cover.
   Note: Check to see that the set screw of the Knob is tighten securely against the flat on the end of the rod.

2. Place the pointer of the control knob at the low position (Fig. 2), with damper fully closed, push the pin on the damper stop (in center of rod) down until it hits the damper, tighten set screw securely.

3. Rotate the pointer upward until the knob is in a horizontal position (Fig. 3), push the pin on the control knob stop (on the end of rod) against the damper frame as shown in Fig. 3. Tighten set screw securely.

INSTALLATION OF BAG & BOOTS



OUTSIDE FRONT OF BUCK
Fig. 1

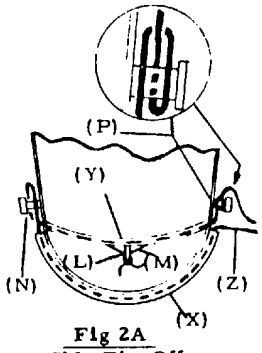


Fig 2A
Side Tie-Off
For SN 1397 & Up

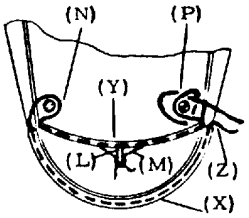
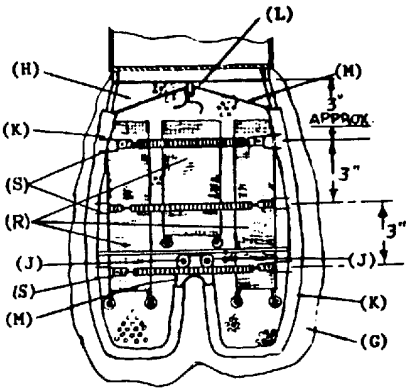


Fig. 2
Bottom Tie-Off
For SN 1396 & Below



INSIDE BAG, VIEW OF BUCK
Fig. 3

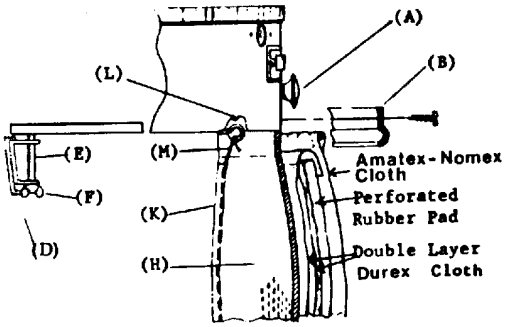


Fig. 4

1. Place bag in position on buck, Fig. 1. Center top edge of Pants Topper bag with center of waist clamp (A). Install retainer (B) over drawstring sheath (X), Fig. 2 or 2A. Tighten three sheet metal screws. Open zipper (C) Fig. 1.

2. Loop drawstring over spool (N) Fig. 2 or 2A. Place drawstring sheath in groove (Y). Loop drawstring around spool (P) as shown; pull loose ends of drawstring tightly and tie-off at (Z).

3. Place expander assembly (D) Fig. 4 inside of bag on slide stud (E) and fasten securely with wing nut (F).

4. Align Pants Topper Bag (G) on buck (Fig. 1). Slip drawstring (M) over spool (J)Fig. 3. Pull drawstrings tight toward top of buck so that drawstring sheath (K) is equally distributed around outer edges of perforated metal buck (H). Holding strings tight, tie-off to eyelet (L).

5. Install Buck springs (S) by placing hooks over drawstring through sheath (K) as illustrated in Fig. 3.

INSTALLATION OF BOOTS

Pull boots (R) Fig. 3 up for removal. To install new boots, pull down over frames. See that boot frames are tight against buck.

PANTS TOPPER BAG

KEEP BAG CLEAN. In operation, bag collects dust, lint, etc., greatly reducing its efficiency. Launder bag at frequent intervals as determined by its soiled condition.

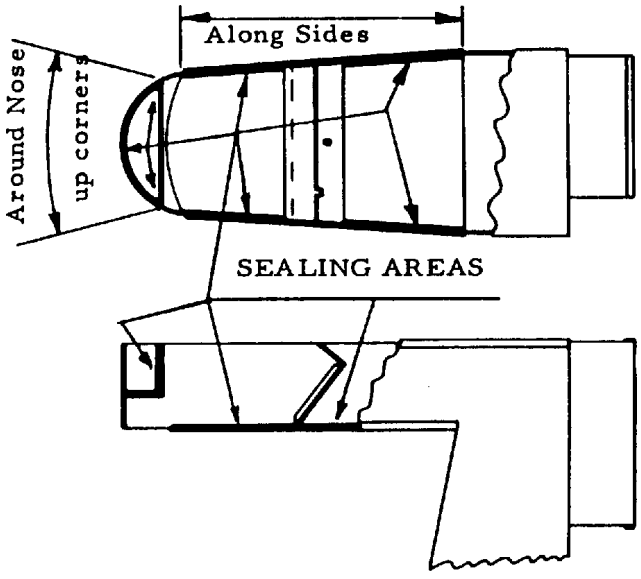
The Ajax Pants Topper bag has a double liner to extend pad life and to distribute steam uniformily.

REPAIR HOLES OR WORN SPOTS in bag to extend its useful life: REPLACE when worn beyond repair. A defective or worn bag will cause topper to operate unsatisfactorily. KEEP A SPARE BAG IN STOCK.

CAUTION

Use only genuine Ajax bags. The fabric for the Ajax Bag is especially woven (and cut to an exact pattern) to give the correct porosity and shape for proper steaming and drying.

Correct padding is necessary to obtain proper finishing. The buck pad is constructed of a high, heat-resisting synthetic air foam, and perforated for rapid steaming and full air flow through entire buck area. Replace a worn-out pad only with an Ajax perforated pad. Keep a spare pad in stock. Do not use more than 1 pad.



Plan & Section

RESEALING EDGES FOR STEAM & CONDENSATE LEAKS

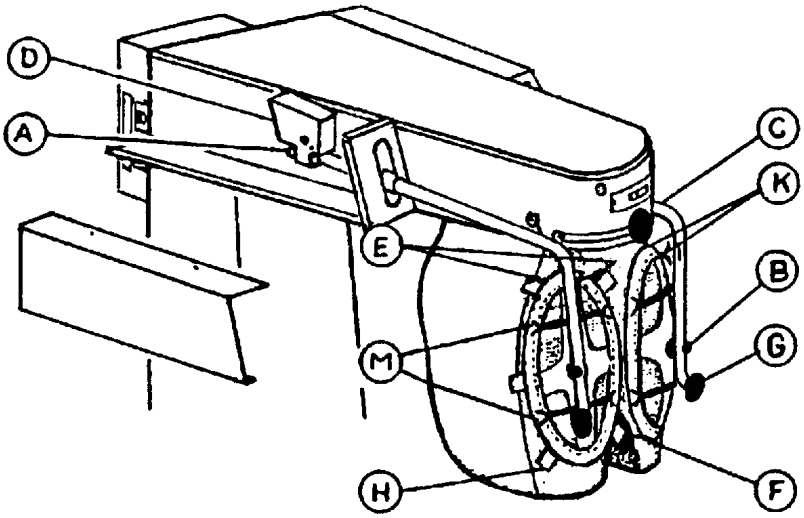
When leak appears:

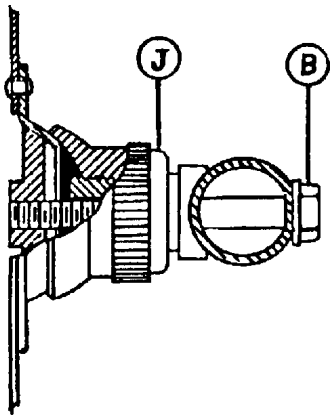
1. Remove top.
2. Using sealing compound Permatex #2 or equivalent; (3 oz. tubes available from factory).
   Generously apply sealing compound evenly along area of "Leak". Allow sealing compound to set and air dry for approx. 2 hours before putting topper back in service. Sealing compound will not harden. If necessary, remove switches from control box in Nose, when fixing leaks in this area.

PLEAT SETTER COVER ASSEMBLY INSTALLATION

1. Place cover over pleat clamp (E), pull draw strings (K) tight and tie. See illustration below.

2. Hook one end of each pleat clamp spring (M) on left side of cover, pull tight and hook on right side.





Adjustable Clamp Support

OVAL PLEAT CLAMP ADJUSTMENT WITH ADJUSTABLE CLAMP SUPPORT

REFER TO ILLUSTRATION ABOVE.

1. Remove cover from side of unit. Loosen cap screw (A) in arm expander and cap screw (B) in adjustable support.

2. Rotate and slide arm (C) in counterweight (D) to position pleat clamp (E) on buck. Place pleat clamp in vertical position and align inside edge of pleat clamp with edge of buck crotch (F).

3. Apply pressure on arm knob (G) to provide pressure between pleat clamp (E) and buck. Hold pressure and retighten cap screw (A) of arm expander.

4. With a thin card (H) check uniformity of pressure between edges of pleat clamp (E) and buck. If unequal, rotate pleat clamp slightly to obtain a uniform pressure around all edges.

5. Re-tighten nut (B) of adjustable support. Note: Whenever tightening nut (B), do not apply pressure to knob (G) or arm (C), as this will distrub the pleat clamp setting.

6. Top a pair of trousers.

    A. If pleat clamp (E) makes an impression (too tight), loosen cap screw (B) and rotate adjustment nut (J) counter-clockwise to reduce pressure. Retighten cap screw (B).

    B. If pleat clamp does not hold pleat (too loose), loosen cap screw (B) and rotate adjustment nut (J) clockwise to increase pressure. Retighten cap screw (B).

NOTE: Each pleat clamp must engage the padded buck uniformily with a slight pressure. Heavy pressure may produce a hard finish and show seam imprinting. A very light pressure may allow pleat lay to shift during the air cycle, and show wrinkles with an improperly shaped pleat. Adequate holding of the pleat lay during the air cycle is aided by the surface texture of the pleat clamp and the buck cover.

PLASTIC SLEEVE, BEARING ADJUSTMENT

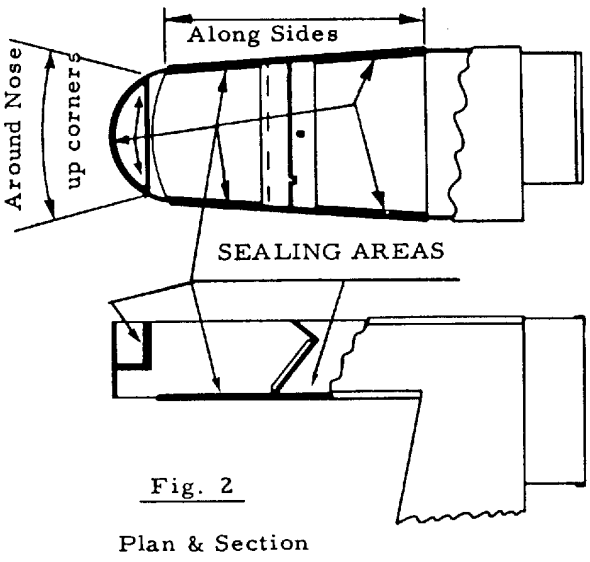


Fig. 2

Plan & Section

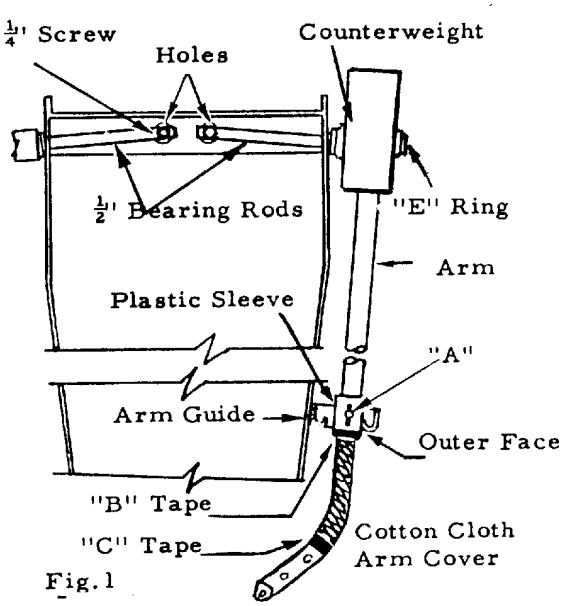


Fig. 1

PLASTIC SLEEVE POSITION AND TAPING FIG. 1

1. Position plastic sleeve on arm in center of arm guide, and align slot with hole in arm. Fasten plastic sleeve securely with #8 Tap Tight Screw at "A" (Fig. 1).
2. Position end of cloth arm cover in contact with end of plastic sleeve.
3. Using Scotch Brand pressure sensitive Tape #471 or equivalent;
   (Tape available from Factory)
   Tape Plastic Sleeve at "B" securely attaching end of Sleeve to cloth arm cover.
   (Minimum 2-3 wraps)
   Pull end of cloth arm cover at "C" to remove slack.
   Tape cloth arm cover at "C" securely attaching end of cover to arm.

BEARING ADJUSTMENT FIG. 1

To Adjust Bearing:

1. Remove Top
2. Loosen 1/4" machine screw holding the bearing rod to the metal bracket.
3. Slide screw in hole of bracket to bring the plastic sleeve into contact with the outer face of the arm guide.
4. Hold the "E" Ring on the Bearing Rod against outer face of counterweight and retighten 1/4" screw.
5. Re-install top on machine.

RESEALING EDGES FOR STEAM & CONDENSATE LEAKS FIG. 2

When Leak Appears:

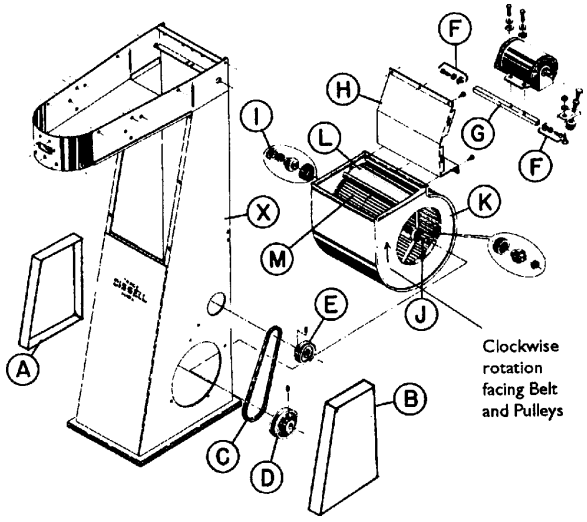
1. Remove Top
2. Using sealing compound Permatex #2 or equivalent:
   (3 oz. tubes available from factory)
   Generously apply sealing compound evenly along of "Leak".
   Allow sealing compound to set and air dry for approx. 2 hours before putting Topper back in service.
   Sealing compound will not harden.
   If necessary, remove switches from control box in Nose, when fixing leaks in this area.

MOTOR AND BLOWER ASSEMBLY REMOVAL

IMPORTANT: Before performing service, turn off power, close steam lines and allow machine to cool.

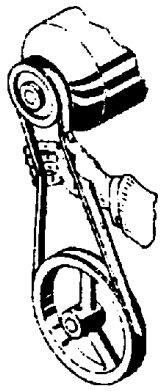
1. Remove Blower Guard (A) and Belt Guard (B).
2. Remove Belt (C) and Sheaves (D) & (E).
3. Remove wires from motor.
4. Remove Screw, Lockwasher, and Washer (F) from both ends of Motor Support (G). Remove Motor and Support from Housing (X).
5. Remove Rear Access Panel (H).
6. Remove Thrust Collar (I) from Blower Shaft (J).
7. Remove Blower Housing (K).
8. Remove Cut-Off Panel (L) and lift Blower Wheel (M).

NOTE: To re-install, reverse procedure. When placing Blower Wheel in Housing, be sure blades are cupped towards rectangular opening. Be sure that the two sheaves have the set screws facing the outside.



BELT TENSION ADJUSTMENT AND PULLY ALIGNMENT

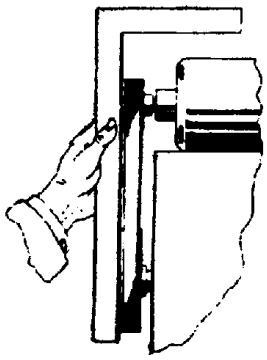
Improper belt tension or misalignment of pulleys may cause bearing and/or belt failures



The illustration at the right indicates recommended belt tension, determined by grasping the belt as shown and when normal pressure is applied, a deflection of approximately one inch will occur.

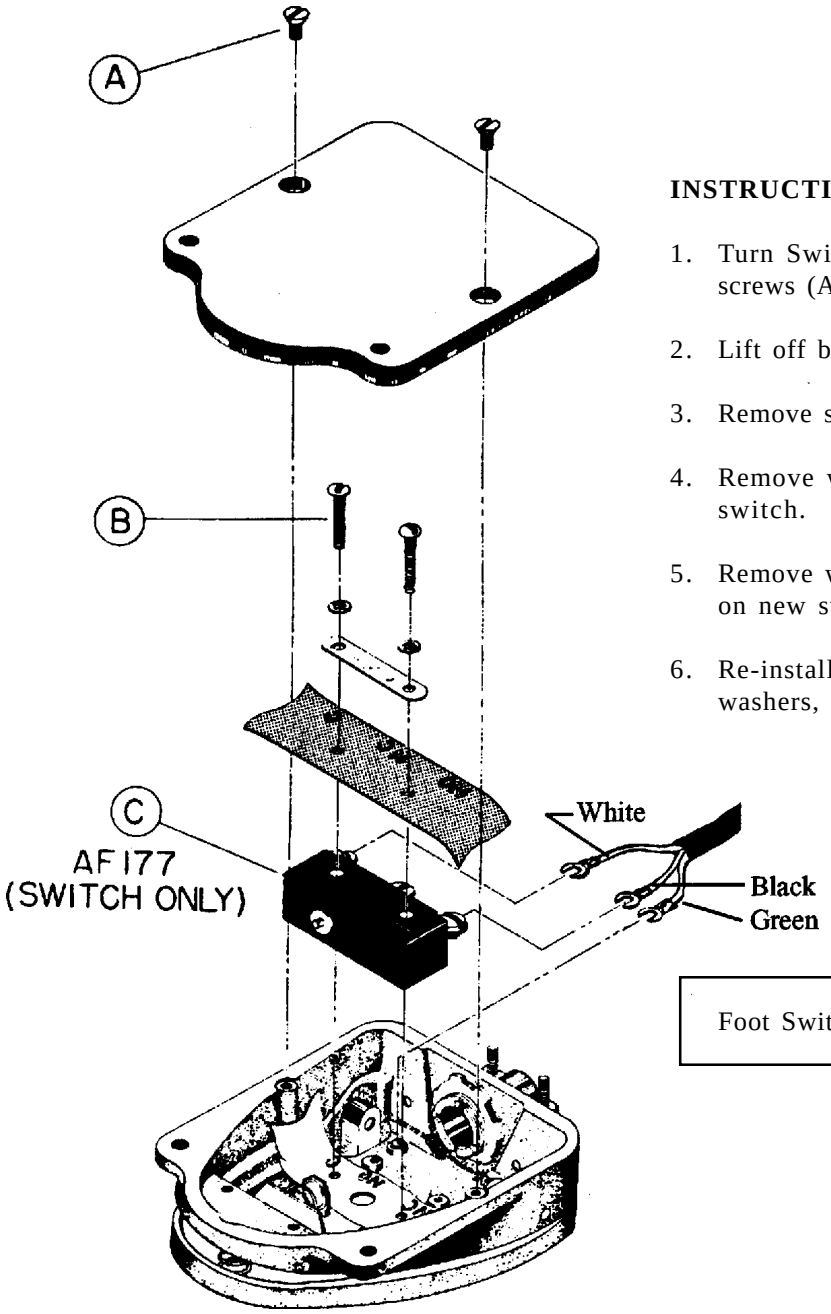
If the deflection is much more than indicated, slippage may occur and wear out the belt.

If deflection is less than indicated, the belt is too tight and will shorten the life of the bearings. Excessive tension will actually pull the shaft through the oil film and allow metal to metal contact. Noisy blower operation will also occur.



The illustration at the right shows the preferred method for checking correct alignment of the pulleys. Excessive misalignment produces increased belt wear and can produce lateral motion of the wheel and shaft to the point that considerable noise can develop.

FOOT SWITCH REPLACEMENT (Part No. AF177)

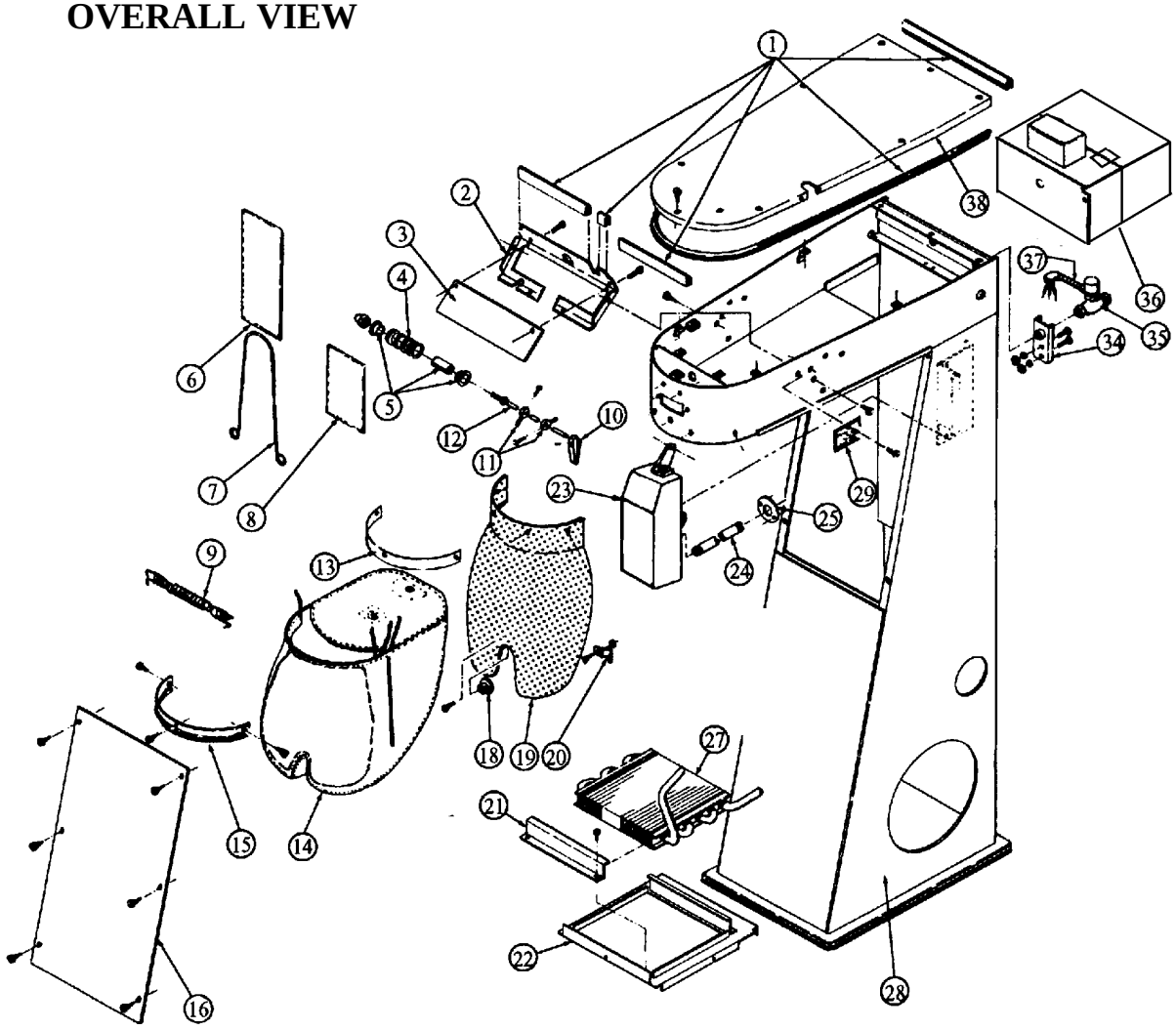


INSTRUCTIONS - Refer to illustration.

1. Turn Switch upside down and remove screws (A).
2. Lift off base plate pad.
3. Remove screws (B).
4. Remove washers, plate, insulation, and switch.
5. Remove wires from old switch and install on new switch.
6. Re-install switch, insulation, plate, washers, screws, base plate, screws.

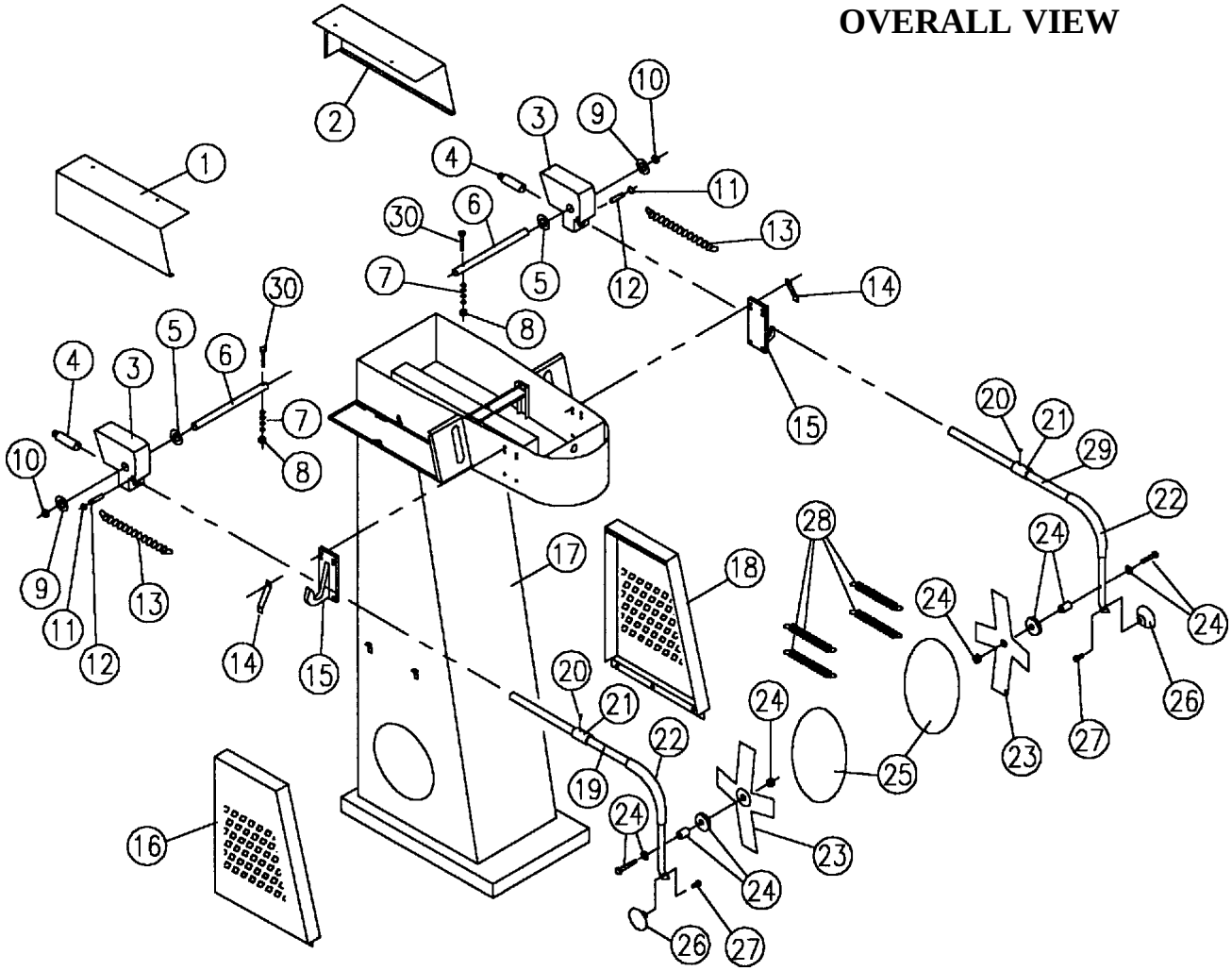
Foot Switch Assembly - Part No. PT527

OVERALL VIEW



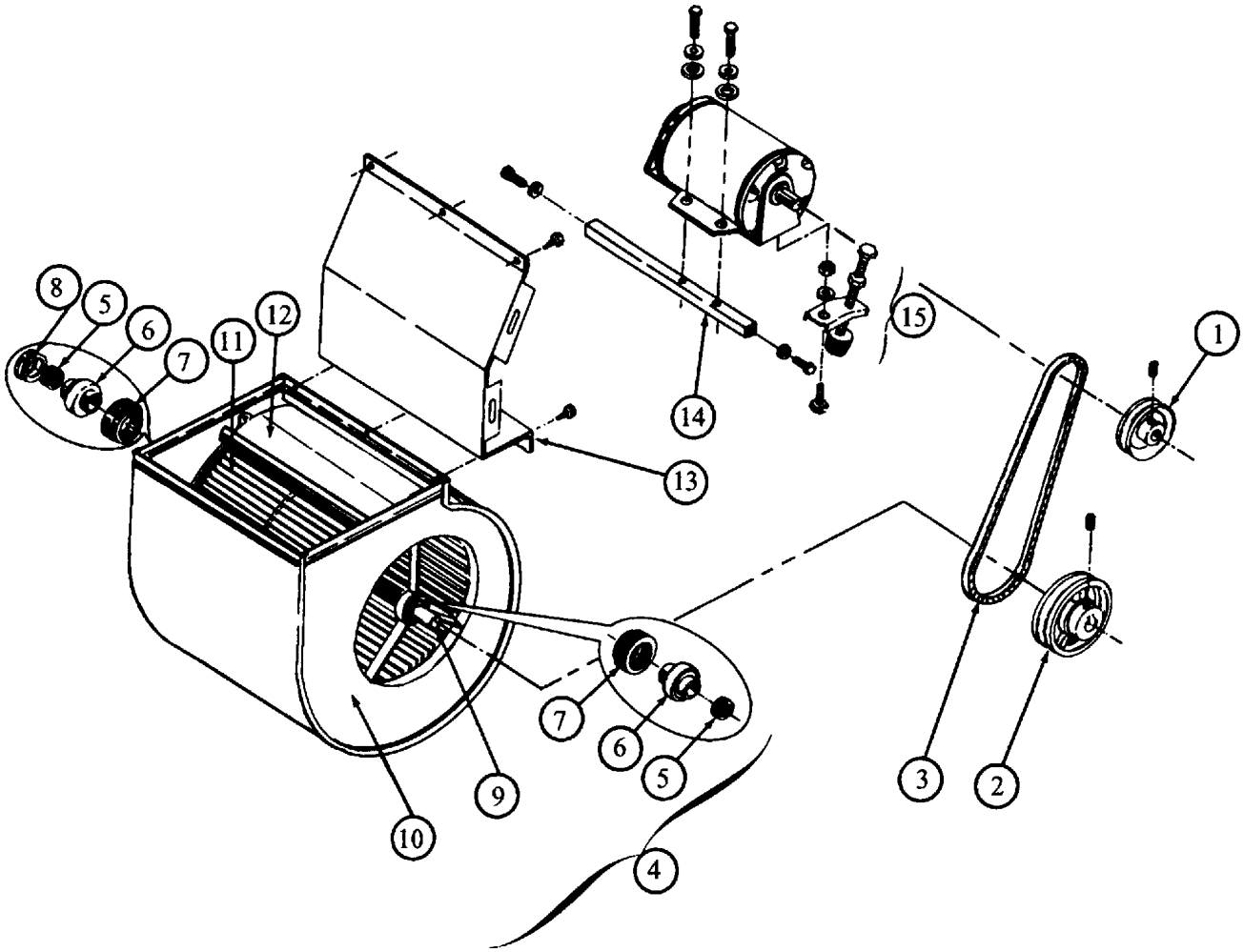
Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	PT143	Steam Seals	22	PT153	Steam Coil Support
2	PT500	Damper Frame	23	PT97	Steam Chamber
3	PT499	Damper	24	F226	Pipe, 1/2" x 7"
(2,3,hdwr)	PT502	Damper Frame Asm	25	F225	Spacer Ring
4	V345	Spring			
5	PT116	Spring Glands & Sleeve	27	PT29	Steam Coil
6	PT22	Large Steam Boot	28	PT596	Housing
7	PT20	Large Boot Rod	29	PT109H	Air Adjustment Plate
8	PT548	Small Steam Boot	34	PT108	Valve Bracket
9	PT52	Spring	35	F1289	Solenoid Valve, 24V
10	PT146	Damper Adjustment Knob	36	PT706	Control Box, 120V
11	PT113	Damper Stop w/screw	37	PT398	3\8" x 5" cable
12	PT144	Damper Adjustment Rod	38	PT2	Housing Top
13	PT127	Steam Shield			
14	PT474	Bag/Pad Assembly			
15	PT75	Bag Retainer			
16	PT3	Front Panel			
18	PT8	Spool Guide			
19	AT348	Buck			
20	PT23	Coil Clamp			

OVERALL VIEW



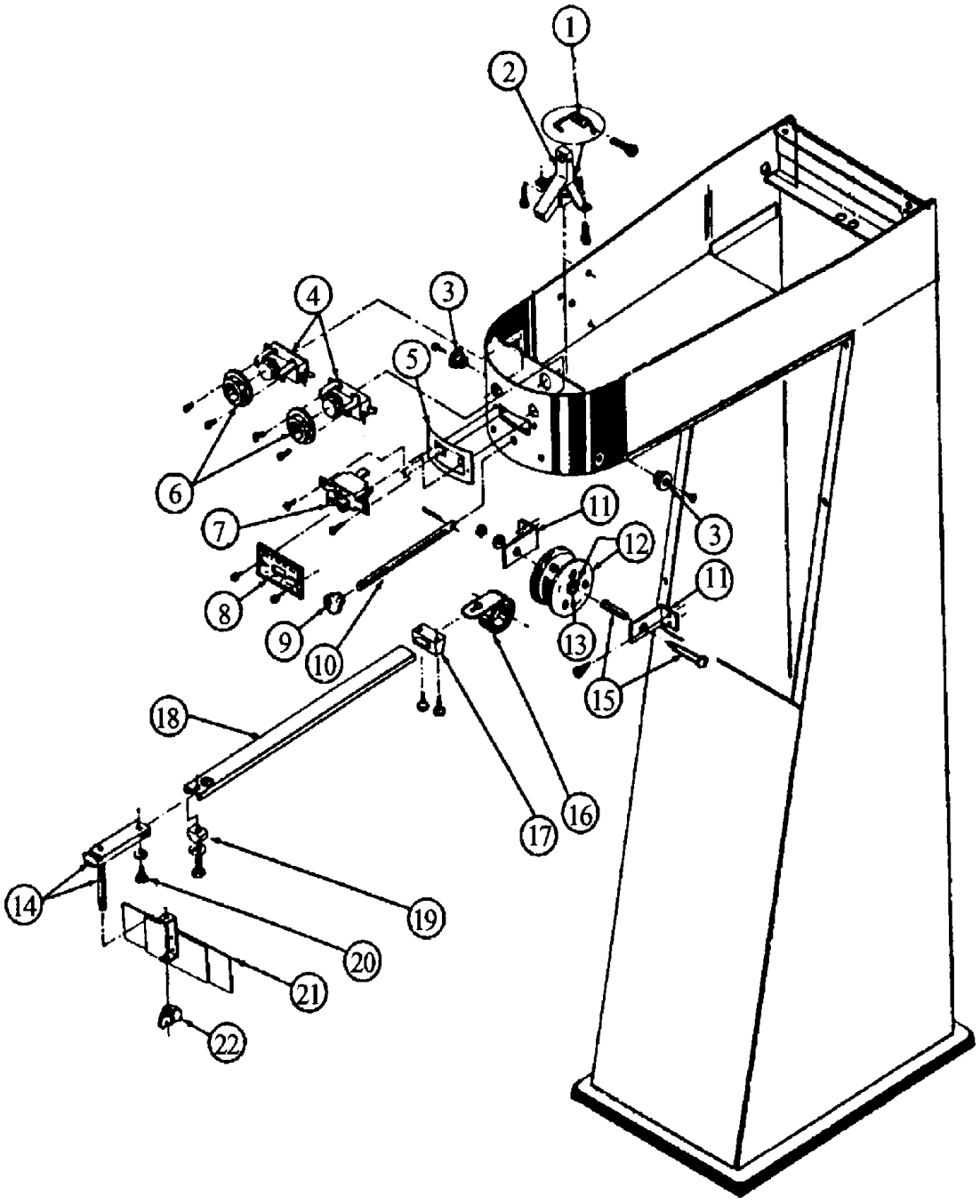
Ref. No.	Part No.	Description
1	PT549	Left Arm Cover
2	PT613	Right Arm Cover
3	PT551	Counterweight
4	PT57	Arm Expander
5	PT563	Pivot Spacer
6	PT552	Shaft
7	P104	Washers
8	TU4934	1/4” Hex Nut
9	IB76	Bearings
10	PT211	“E” Ring
11	SG053	“E” Ring
12	PT595	Pin
13	PT594	Spring
14	TU2105	Activator Spring
15	PT624	Arm Latch
16	PT558	Blower Guard

Ref. No.	Part No.	Description
17	PT596	Housing
18	PT559	Belt Guard
19	PT557	Left Arm
20	TU7733	#8 x 1/2” Screw
21	PT31	Plastic Sleeve
22	PT589	Arm Cover
23	TP165	Long Spider
24	PT166	Support Assembly
25	PT32	Oval Pleat Clamp
26	PT42	Arm Knob
27	601603103	1/4 - 28 x 1/2" Hex Screw
28	PT52	Clamp Spring
29	PT588	Right Arm
30	FG267	1/4 - 20 x 1 1/4" Hex Screw



MOTOR AND BLOWER ASSEMBLY

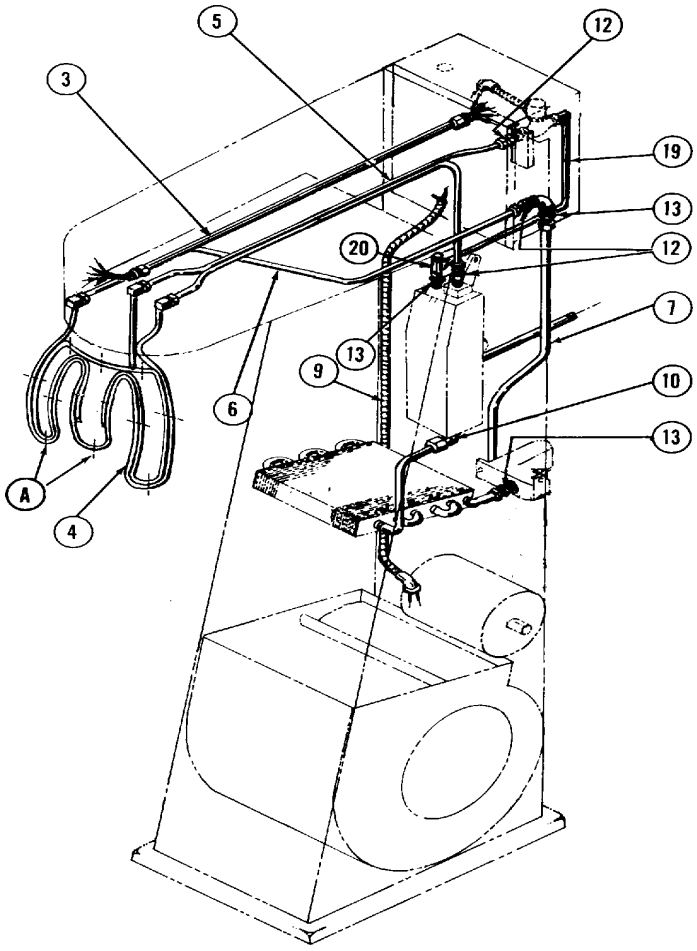
Ref.No.	Part No.	Description
1	TU2318	Motor Sheave (110V)
	F1034	Motor Sheave (220V)
2	F1033	Gear Sheave (60HZ)
	PT219	Gear Sheave (50HZ)
3	PT87	V-Belt (60HZ)
	PT227	V-Belt (50HZ)
4	PT80	Blower Assembly
5	F374	Thrust Washer
6	F371	Bearing Assembly
7	F373	Bearing Insulator Cup z
8	F372	Thrust Collar
9	F366	Shaft, 3/4" x 16 1/2"
10	PT89	Blower Housing
11	F368	Blower Wheel
12	F367	Cut-Off Assembly
13	PT180	Rear Access Panel
14	PTA47	Motor Support
15	F365	Belt Adjustment Assembly
	MTR74	110V/60HZ
	MTR88	220V/50-60HZ



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	PT49	Release Latch Spring	12	PT71	Spring Bobbin w/bearings
2	PT68	Release Latch Assembly	13	TU49	Bearings
3	PT164	Drawstring Tie-off	14	PT28	Slide Assembly
4	TU9028	Push Button Switch	15	PT152	Bearing Spacer
5	PT142	Air Switch Support Plate	16	PT46	Negator Spring
6	PT107	Switch Spacer	17	PT61	Spring Guide
7	PT74	Manual Air Switch	18	PT27	Track
8	PT18	Control Plate	19	PT63	Slide Stop
9	OP182	Control Knob	20	PT62	Spring Lock Pivot Screw
10	PT44	Bag Release Rod	21	AT397	Waist Expander Assy.
11	PT72	Bobbin Mounting Bracket	22	PT34	Wing Nut

PIPING AND TUBING

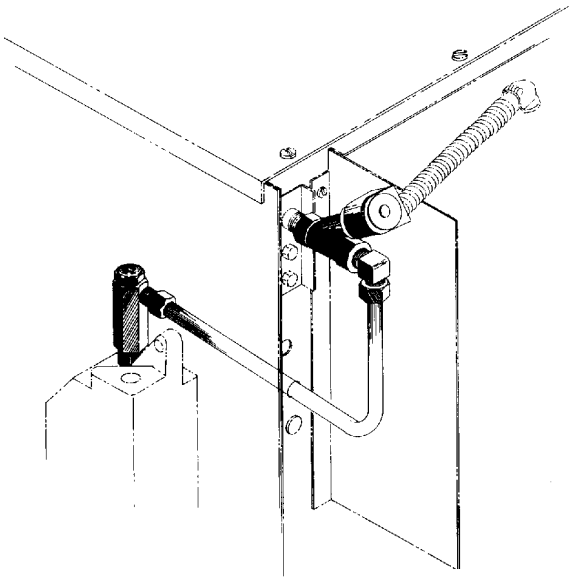
Ref. No.	Part No.	Description
1	PT9	Spray Bin Pipe w/Elbow & Adapter
2	PT17	Spray Gun Manifold
3	PT45	Control Switch Conduit w/Connectors
4	PT91	Buck Steam Coil Assembly
5	PT92	3/8" Upsteam & Preheat Tube
6	PT533	3/8" Pre-Steam Return Tube
7	PT94	1/2" Steam Return Tube
8	PT95	1/4" Water Supply Tube
9	PT98	Motor Cable
10	PT99	1/2 x 1/2 Elbow Fitting
12	SF59	1/4 x 3/8 Straight Conn. (3)
13	FB75	3/8 x 1/2 Straight Conn. (4)
14	J3	Small Hose Clamp
15	OP329	Large Hose Clamp
16	SG37	Water Hose Assembly (5')
17	SG38	Suspension Spring
18	SGP42	Spray Gun-Pistol Type
19	PT923	1/2" Copper Tube
20	PT343	Strainer Assembly
	PT342	Strainer Body
	PT131	Strainer Cap
	PT132	Strainer Gasket
	PT133	Strainer Screen



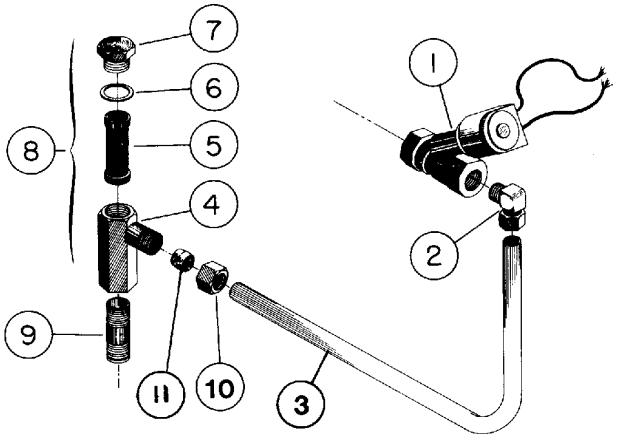
Note : Location of PT-23 coil header, to attach PT-91 coil to inside surface of AT348 Buck.

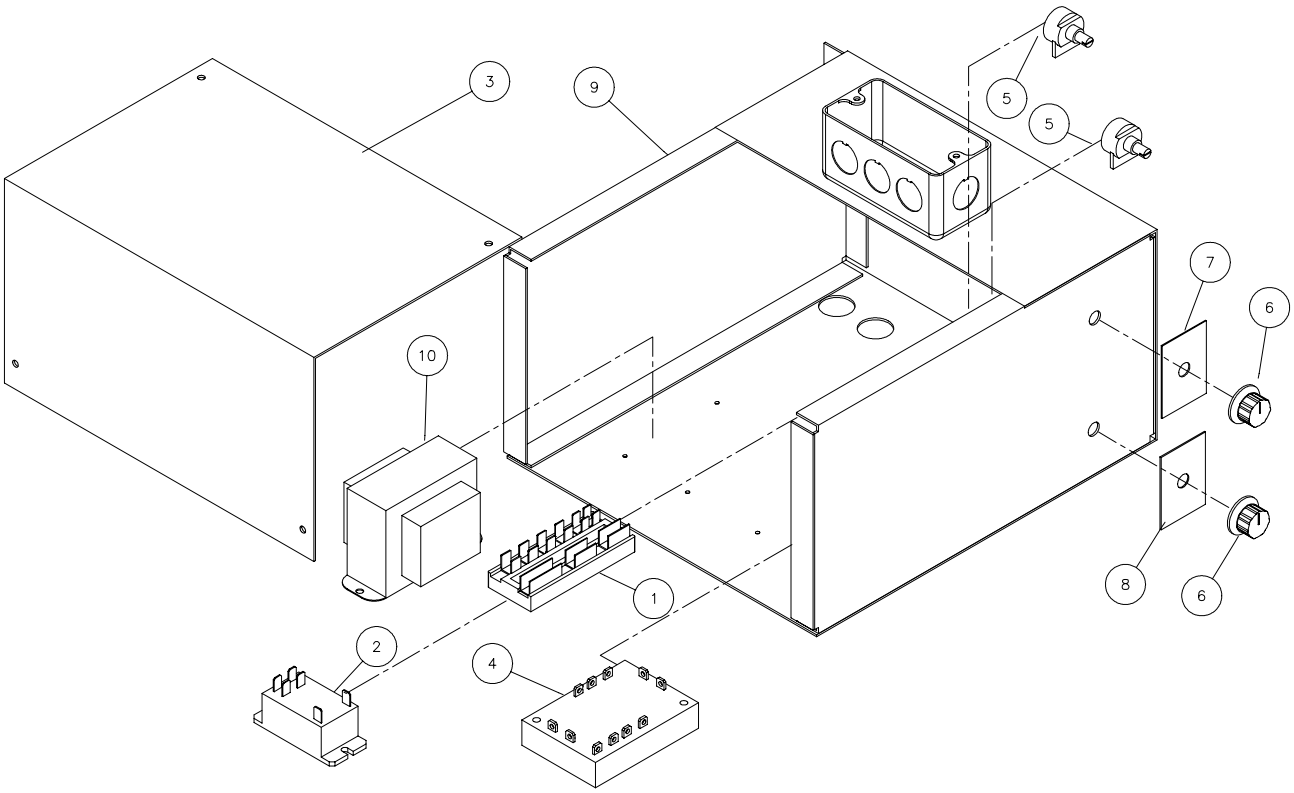
SOLENOID VALVE PARTS

Ref.No.	Part No.	Description
1	F1289	Valve - 24V, 50/60 Hz.
2	PT344	Elbow - 3/8" M.P.T. x 1/2" O.D.T. w/Fittings
3	PT340	1/2" O.D. Tube
4	PT342	Strainer Body
5	PT133	Strainer Screen
6	PT132	Strainer Gasket
7	PT131	Strainer Cap
8	PT343	Strainer (Complete)
9	PT345	Pipe Nipple - 2" x 3/8"
10	P279	1/2" Compression Nut
11	FB145	1/2" Compression Bead



INSTALLATION & LOCATION





PT706 24V CONTROL BOX

Ref.No.	Part No.	Description
1	EA-00606-0	Terminal Board
2	F1300	Motor Relay
3	PT681	Cover
4	PT698	Electronic Controller
5	PT699	Pottentiometer (2 req'd)
6	PT700	Knob (2 req'd)
7	PT701	Layout (Steam)
8	PT702	Layout (Air)
9	PT705	Cover
10	TU15138	Transformer (115/208-240/24V)
	PTH100	Wire Harness (Not Shown)

WIRING DIAGRAM

PTW100

PANTS TOPPER
24 VAC CONTROLS