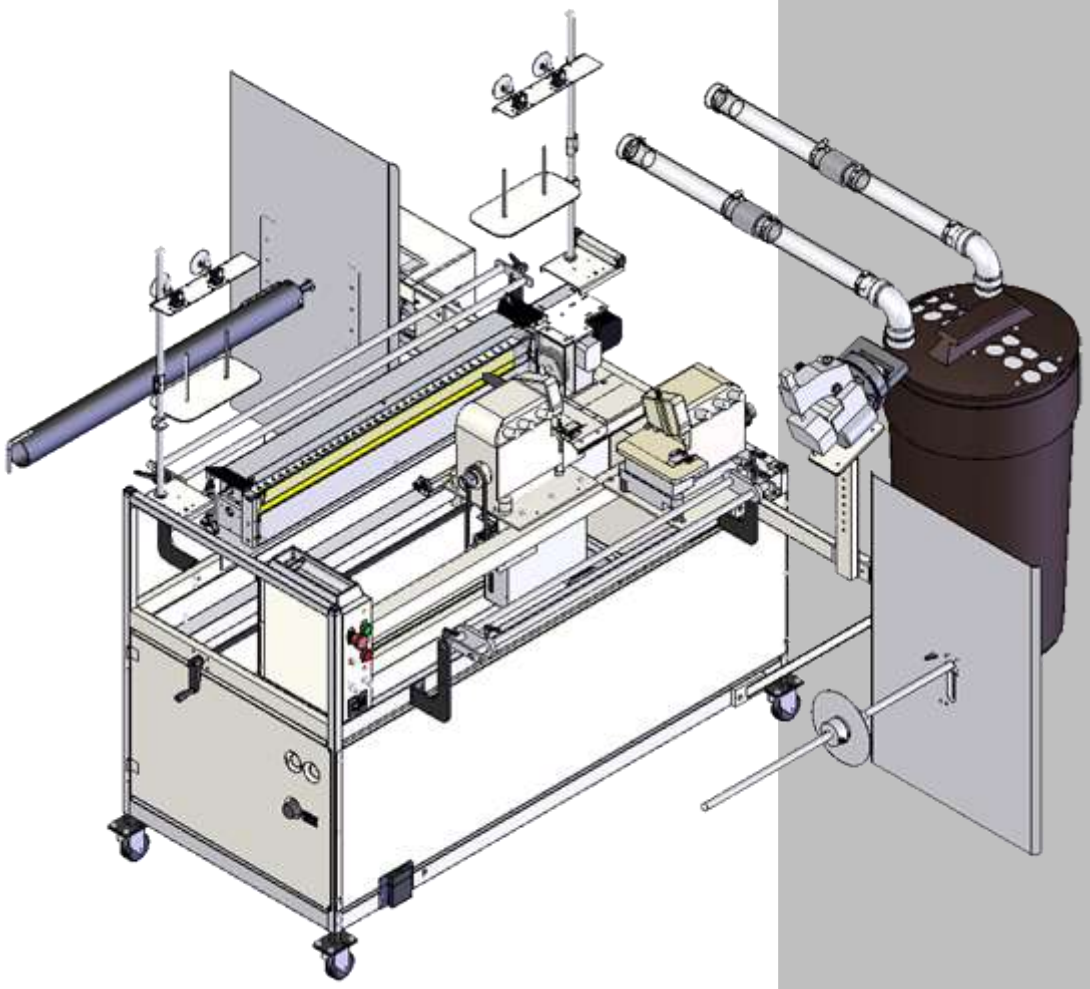
Model **1961**

Revision 9.8 Updated Aug 8, 2017

Technical Manual & Part List



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ATLANTA ATTACHMENT COMPANY, INC.

Confidential and Proprietary Information

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.

Contents

Important Safety Instruction

This part of the Instruction Material is provided for the safe use of your equipment. It contains important information to help work safely with the unit and describes the dangers inherent in machinery. Some of these dangers are obvious, while others are less evident.

Mandatory Information

All persons operating and/or working on the 1961 Automatic Border Workstation should read and understand all parts of the Safety Instructions. This applies, in particular, for persons who only operate and/or work on the unit occasionally (e.g. for maintenance and repair). Persons who have difficulty reading must receive particularly thorough instruction.

Scope of the Instruction Material

- The Instruction Material comprises:
- Safety information
- Operator Instructions
- Electrical and Pneumatic diagrams

And may also include;

- A list of recommended spare parts
- Instruction Manual(s) for components made by other manufacturers
- The layout and installation diagram containing information for installation

Intended Use

Our machines are designed and built in line with the state of the art and the accepted safety rules. However, all machines may endanger the life and limb of their users and/or third parties and be damaged or cause damage to other property, particularly if they are operated incorrectly or used for purposes other than those specified in the Instruction Manual.

Exclusion of Misuse

Non-conforming uses include, for example, using the equipment for something other than it was designed for, as well as operation without duly installed safety equipment. The risk rests exclusively with the end user.

Conforming use of the machine includes compliance with the technical data, information and regulations in all parts of the complete Instruction Material, as well as compliance with the maintenance regulations. All local safety and accident prevention regulations must also be observed.

Liability

The machine should only be operated when in perfect working order, with due regard for safety and the potential dangers, as well as in accordance with the Instruction Material. Faults and malfunctions capable of impairing safety should be remedied immediately. We cannot accept any liability for personal injury or property damage due to operator errors or non-compliance with the safety instructions contained in this booklet. The risk rests exclusively with the end user.

The Instruction Material should always be kept near the machine so that it is accessible to all concerned.

The local, general, statutory and other binding regulations on accident prevention and environmental protection must also be observed in addition to the Instruction Material. The operating staff must be instructed accordingly. This obligation also includes the handling of dangerous substances and provision/use of personal protective equipment.

The Instruction Material should be supplemented by instructions, including supervisory and notification duties with due regard for special operational features, such as the organization of work, work sequences, the personnel deployed, etc.

The personnel's awareness of the dangers and compliance with the safety regulations should be checked at irregular intervals.

Choice and Qualification of Personnel

Ensure that work on the machine is only carried out by reliable persons who have been appropriately trained for such work - either within the company, by our field staff or at our office - and who have not only been duly appointed and authorized, but are also fully familiar with the local regulations. Work on the machine should only be carried out by skilled personnel, under the management and supervision of a duly qualified engineer.

This not only applies when the machine is used for production, but also for special work associated with its operation (start-up and maintenance), especially when it concerns work on the hydraulic or electrical systems, as well as on the software/serial bus system.

Training

Everyone working on or with the machine should be duly trained and informed with regard to correct use of the safety equipment, the foreseeable dangers which may arise during operation of the machine and the safety precautions to be taken. In addition, the personnel should be instructed to check all safety mechanisms at regular intervals.

Responsibilities

Clearly define exactly who is responsible for operating, setting-up, servicing and repairing the machine. Define the responsibilities of the machine operator and authorize him to refuse any instructions by third parties if they run contrary to the machine's safety. This applies in particular for the operators of machines linked to other equipment. Persons receiving training of any kind may only work on or with the machine under the constant supervision of an experienced operator. Note the minimum age limits permitted by law.

A Word to the Operator

The greatest danger inherent in our machines:
is that of fingers, hands or loose clothing being drawn into a machine by live, coasting or rotating tools or assemblies or of being cut by sharp tools or burned by hot elements.

ALWAYS BE CONSCIOUS OF THESE DANGERS!

Safety Equipment on the Machines

All machines are delivered with safety equipment, which shall not be removed or bypassed during operation.

The correct functioning of safety equipment on machines and systems should be checked every day and before every new shift starts, after maintenance and repair work, when starting up for the first time and when restarting (e.g. after prolonged shutdowns).

If safety equipment has to be dismantled for setting-up, maintenance or repair work, such safety equipment shall be replaced and checked immediately upon completing the maintenance or repair work. All protective mechanisms shall be fitted and fully operational whenever the machine is at a standstill or if it has been shut down for a longer period of time.

Damage

If any changes capable of impairing safety are observed in the machine or its mode of operation, such as malfunctions, faults or changes in the machine or tools, appropriate steps must be taken immediately, the machine switched off and a proper lockout tagout procedure followed. The machine should be examined for obvious damage and defects at least once per shift. Damage found shall be immediately remedied by a duly authorized person before resuming operation of machine.

The machine should only be operated when in perfect working order and when all protective mechanisms and safety equipment, such as detachable protective mechanisms, emergency STOP systems, etc. are in place and operational.

Faults or Errors

The machine must be switched off and all moving or rotating parts allowed to come to a standstill and secured against accidental restart before starting to remedy any faults or errors.

Signs on the Machine

Safety and danger signs on the machine should be observed and checked at regular intervals to ensure that they are complete and undamaged. They should be clearly visible and legible at all times.
Clothing, Jewelry, Protective Equipment
Long loose hair, loose-fitting clothes, gloves and jewelry, including rings, should be avoided in order to avoid injuries due to being caught, drawn in and wound up inside the machine.

Protective Eyewear

Protective eyewear that has been tested by the local authorities should be worn whenever there is a possibility of loose or flying objects or particles such as when cleaning the machine with compressed air.

Tools

Always count the number of tools in your possession before starting work on the machine. This will allow you to check that no tools have been left behind inside the machine. Never leave a tool in the machine while working.

Oils, Lubricants, Chemicals

Note the applicable safety regulations for the product used.

No Smoking, Fire, Explosion Hazard

Smoking and open flame (e.g. welding work) should be prohibited in the production area due to the risk of fire and explosions.

Workplace

A clear working area without any obstructions whatsoever is essential for safe operation of the machine. The floor should be level and clean, without any waste.
The workplace should be well lit, either by the general lighting or by local lights.

Emergency STOP

The emergency STOP buttons bring all machine movements to a standstill. Make sure you know exactly where they are located and how they work. Try them out. Always ensure easy access to the nearest emergency STOP button while working on the machine.

First Aid

1. Keep calm even when injured.
2. Clear the operator from the danger zone. The decision of what to do and whether to seek additional assistance rests entirely with you, particularly if someone has been trapped.
3. Give First Aid. Special courses are offered by such organizations as the employers' liability insurance association. Your colleagues should be able to rely on you and vice versa.
4. Call an ambulance. Do you know the telephone numbers for the ambulance service, police and fire service?

Important Notices

Reporting and Fighting Fires

Read the instructions posted in the factory with regard to reporting fires and the emergency exits. Make sure you know exactly where the fire extinguishers and sprinkler systems are located and how they are operated. Pass on the corresponding information to the firemen when they arrive. Ensure there are enough signs to avoid fire hazards.

The following fire extinguishers may be used:
- Dry powder extinguishers, ABC fire-extinguishing powder.
- Carbon dioxide fire extinguishers to DIN 14461 for electronic components. Great care must be exercised when using carbon dioxide fire extinguishers in confined, badly ventilated rooms (see DIN 14406 and 14270).

Isolate the machine from the power supply if a fire breaks out. Do not use water on burning electrical parts until it is absolutely certain that they have been completely disconnected from the power supply. Burning oils, lubricants, plastics and coatings on the machine can give off gases and vapors that may be harmful to your health.
A qualified person should be consulted to repair the damage after a fire.

Electrical Power Supply

Before undertaking any maintenance or repair work on the machine, switch off the electrical power to the machine at the main source and secure it with a padlock so that it cannot be switched on again without authorization.
In practice, this may mean that the technician, electrician and operator all attach their own padlock to the master switch simultaneously so that they can carry out their work safely. Locking extension plates should be available for multiple locks if required. The primary purpose for a lockout/tagout procedure is to protect workers from injury caused by unexpected energizing or start-up of equipment.

Energy sources (electrical/pneumatic/hydraulic, etc.) for the equipment shall be turned off or disconnected and the switches locked or labeled with a warning tag. It is the responsibility of the employer to establish control procedures. Follow lockout/tagout procedures before, setup and/or any service or maintenance work is performed, including lubrication, cleaning or clearance of jams.

Caution: The machine is still not completely de-energized even when the master switch is off.

- Electricity - The machine is always isolated from the electrical power supply whenever the master switch has been switched off. However, this does not apply for the power supply in the control cabinet, nor for equipment that does not draw its power via the master switch.

- Pneumatic / hydraulic energy - Almost all our machines carry compressed air. In addition to switching off the master switch, the air supply must also be disconnected and the machine checked to ensure it is depressurized before starting any work on the machine; otherwise the machine may execute uncontrolled movements.

- Kinetic energy - Note that some motors or spindles, for example, may continue to run or coast run on after being switched off.

- Potential energy - Individual assemblies may need to be secured if necessary for repair work.

Delivery of the Machine/Packaging

Note any markings on the packaging, such as weights, lifting points and special information. Avoid temperature fluctuations. Condensation may damage the machine.

Transport Damage

The packaging and machine must immediately be examined for signs of damage in transit. Such damage must be reported to the shipper/transporter within the applicable time limits. Contact Atlanta Attachment Company and/or your transport insurer immediately, if signs of damage are visible. Never operate a damaged machine.

Interim Storage

If the machine has to be stored temporarily, it must be oiled or greased and stored in a dry place where it is protected from the weather in order to avoid damage. A corrosion-inhibiting coating should be applied if the machine has to be stored for a longer period of time and additional precautions taken to avoid corrosion.

Transporting the Machine

Disconnect the machine from all external connections and secure any loose assemblies or parts. Never step under a suspended load. When transporting the machine or assemblies in a crate, ensure that the ropes or arms of a forklift truck are positioned as close to the edge of the crate as possible. The center of gravity is not necessarily in the middle of the crate. Note the accident prevention regulations, safety instructions and local regulations governing transport of the machine and its assemblies.

Only use suitable transport vehicles, hoisting gear and load suspension devices that are in perfect working order and of adequate carrying capacity. Transport should only be entrusted to duly qualified personnel.

Never allow the straps to rest against the machine enclosure and never push or pull sensitive parts of the machine. Ensure that the load is always properly secured. Before or immediately after loading the machine, secure it properly and affix corresponding warnings.
All transport guards and lifting devices must be removed before the machine is started up again. Any parts that are to be removed for transport must be carefully refitted and secured before the machine is started up again.

Workplace Environment

Our machines are designed for use in enclosed rooms: Permissible ambient temperature approx. 5 - 40 °C (40 - 104 °F). Malfunctions of the control systems and uncontrolled machine movements may occur at temperatures outside this range.
Protect against climatic influences, such as electrostatic charges, lightning strikes, hail, storm damage, high humidity, salinity of the air in coastal regions.

Protect against influences from the surroundings: no structure-borne vibrations, no grinding dust, or chemical vapors.
Protect against unauthorized access.
Ensure that the machine and accessories are set up in a stable position.
Ensure easy access for operation and maintenance (Instruction Manual and layout diagram); also verify that the floor is strong enough to carry the weight of the machine.

Local Regulations

Particular attention must be paid to local and statutory regulations, etc. when installing machines and the plant (e.g. with regard to the specified escape routes). Note the safety zones in relation to adjacent machines.

Maintenance

General Safety Instructions

The machine shall be switched off, come to a standstill and be secured so that it cannot be switched on again inadvertently before starting any maintenance work whatsoever. Use proper lockout/tagout procedures to secure the machine against inadvertent startup.
Remove any oil, grease, dirt and waste from the machine, particularly from the connections and screws, when starting the maintenance and/or repair work. Do not use any corrosive-cleaning agents. Use lint-free rags.
Retighten all screw connections that have to be loosened for the maintenance and repair work. Any safety mechanisms that have to be dismantled for setting-up, maintenance or repair purposes must be refitted and checked immediately after completing the work.

Maintenance, Care, Adjustment

The activities and intervals specified in the Instruction Manual for carrying out adjustments, maintenance and inspections must be observed and parts replaced as specified.

All hydraulic and pneumatic lines should be examined for leaks, loose connections, rubbing and damage whenever the machine is serviced. Any defects found must be remedied immediately.

Waste, Disassembly, Disposal

Waste products should be cleared from the machine as soon as possible as not to create a fire hazard. Ensure that fuels and operating lubricants, as well as replacement parts are disposed of in a safe and ecologically acceptable manner. Note the local regulations on pollution control.

When scrapping (disassembling) the machine and its assemblies, ensure that these materials are disposed of safely. Either commission a specialist company familiar with the local regulations or note the local regulations when disposing of these materials yourself. Materials should be sorted properly.

Repair

Replacement Parts

We cannot accept any liability whatsoever for damage due to the use of parts made by other manufacturers or due to unqualified repair or modification of the machine.

Repair, Electrical

The power supply must be switched off (master switch off) and secured so that it cannot be switched on again inadvertently before starting any work on live parts.

Those parts of the machine and plant on which inspection, maintenance or repair work is to be carried out must be isolated from the power supply, if specified. The isolated parts must first be checked to determine that they are truly de-energized before being grounded and short-circuited. Adjacent live parts must also be isolated.

The protective measures implemented (e.g. grounding resistance) must be tested before restarting the machine after all assembly or repair work on electric parts.

Signal generators (limit switches) and other electrical parts on the safety mechanisms must not be removed or bypassed. Only use original fuses or circuit overloads with the specified current rating. The machine must be switched off immediately if a fault develops in the electrical power supply.

The electrical equipment of our machines must be checked at regular intervals and any defects found must be remedied immediately.

If it is necessary to carry out work on live parts, a second person should be on hand to operate the emergency OFF switch or master switch with voltage release in the event of an emergency. The working area should be cordoned off and marked by a warning sign. Only use electrically insulated tools.

Ventilation/Hazardous Gases

It is the end users responsibility to ensure adequate ventilation is provided to exhaust any and all noxious or hazardous gases that may be present in the working environment.

Hydraulic and Pneumatic Systems

Work on hydraulic or pneumatic equipment shall only be carried out by persons with training, knowledge and experience of hydraulic systems. Pressure lines shall be depressurized before starting any repair work.

General Liability

Liability for machine damage and personal injury is extinguished completely if any unauthorized conversions or modifications are undertaken. The machine must not be modified, enlarged or converted in any way capable of affecting safety without the manufacturer's prior approval.

Starting Machine Movements

Read the Instruction Manual carefully to establish which keys and functions start machine movements.

A Word to the End User

The end user has sole responsibility to enforce the use of safety procedures and guards on the machine. Any other safety devices or procedures due to local regulations should be should be retrofitted in accordance to these regulations and/or the EC Directive on the safety of machines.

Operator's position must always be readily accessible. Escape routes must always be kept clear and safety areas should be identified.

Safety Precautions

Safety should be a constant concern for everyone. Always be careful when working with this equipment. While normal safety precautions were taken in the design and manufacture of this equipment, there are some potential safety hazards.
Everyone involved with the operation and maintenance of this equipment should read and follow the instructions in this manual.
Operate the equipment only as stated in this manual. Incorrect use could cause damage to the equipment or personal injury.
It is the owner's responsibility to make certain that the operator reads and understands this manual before operating this equipment. It is also the owner's responsibility to make certain that the operator is a qualified and physically able individual, properly trained in the operation of this equipment.
Specific safety warning decals are located on the equipment near the immediate areas of potential hazards. These decals should not be removed or obliterated. Replace them if they become non-readable.

- ALWAYS keep safety shields and covers in place, except for servicing.
- ALWAYS operate equipment in daylight or with adequate working lights.
- Follow daily and weekly checklists, making sure hoses are tightly secured and bolts are tightened.
- ALWAYS watch and avoid holes or deep depressions.
- ALWAYS wear adequate eye protection when servicing the hydraulic system and battery.
- NEVER operate a poorly maintained machine.
- NEVER allow persons to operate this machine without proper instruction.
- NEVER put hands or feet under any part of the machine while it is running.
- NEVER attempt to make any adjustments or repairs to the machine while running. Repairs or maintenance should be performed by trained personnel only.
- NEVER work under the machine unless it is safely supported with stands, blocks or a hoist and blocks.
- NEVER touch hot parts of machine.

	General Information (Read)
	Hazard warning sign: Electrical hazard, electrical hazard
	Hazard warning sign: Beware of damage to hands.
	Hazard warning sign: General Hazard
	General Information Symbol

The 1961 unit is an automatic workstation for serging both sides of a band of rolled or festooned material. This unit incorporates a variable torque winder on the rear of the machine to roll the material after surging.

Features

- Automatically surges both edges of a band of material and winds onto a roll
- 125 feet of material sewn per minute
- Electrical lock out / tag out capability
- Variable speed puller with urethane rollers
- Electronic thread break detection
- Electronic motor driven left and right sergers.
- Turn off left head for single edge serging
- Foot pedal operation for manual sewing
- Variable torque winding
- Stops automatically when material runs out
- Adjustable tensioning of material as it is fed into the system
- Minimum material capacity 5". Maximum depends on model number (18” or 36”).

General Machine Data

Electrical:	220 VAC, 10A, 50/60 Hz Single Phase
Pneumatic:	70-80 PSI, 14 SCFM avg.
Sew Head (RH):	Pegasus EX5203-M0C3-333-W5
Sew Head (LH):	Pegasus E52L-130/503-353W5
Needle:	SNB27140
Stitch Density:	4 SPI
Speed:	6000 RPM
Weight:	Approx. 1500 lbs.
Dimensions:	4’ x 11’

Operating Procedure

- Load roll of fabric onto roll rod in front of machine.
- Using the Left Head Adjustment Crank, set the Left head to the desired finished width.
- Feed fabric through guide assembly: over first bar, under second.
- Turn on Machine power. Turn off the left sewing head.
- Place the leading edge of the fabric under the foot of the right sewing head. Turn the head over by hand and check for interference problems and make sure machine is forming a stitch.
- Using the foot pedal, run the right head and gently pull the fabric until the leading edge of the fabric is at the foot of the left head.
- Place the leading edge of the fabric under the foot of the left sewing head. Turn the head over by hand and check for interference problems and make sure machine is forming a stitch.
- Turn on the left head. Power should now be on to both heads.
- Using the feed roller switch, lift the feed roller.
- Using the foot pedal, run both heads and gently pull the fabric until the leading edge of the fabric is between the feed rollers.
- Lower the feed roller.
- Using the foot pedal run about five to six feet of fabric through the machine.
- Place the fabric through the rods that form the winding mandrel.

- Press the Start button until the Sensor LED goes dark. The machine is now sewing in automatic mode.
- When all the fabric has been sewn the fabric sensor will stop the machine.
- Load a new roll of fabric onto the roll rod.
- Using the stapler provided in the spare parts kit, staple the leading edge of the new roll to the trailing edge of the previous roll.
- Using the foot pedal run the new fabric through the machine and around the winder. (If necessary, adjust the position of the left head)
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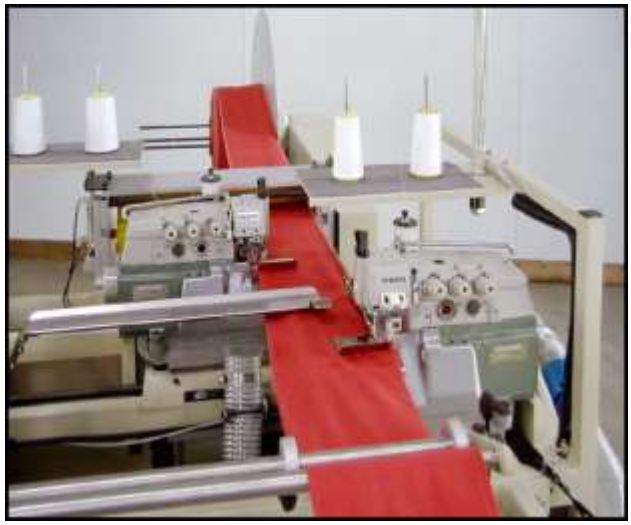


(Note: Better size transitions between rolls will be achieved if the left sew head is run with the foot pedal while being moved in/out with the adjustment crank.)

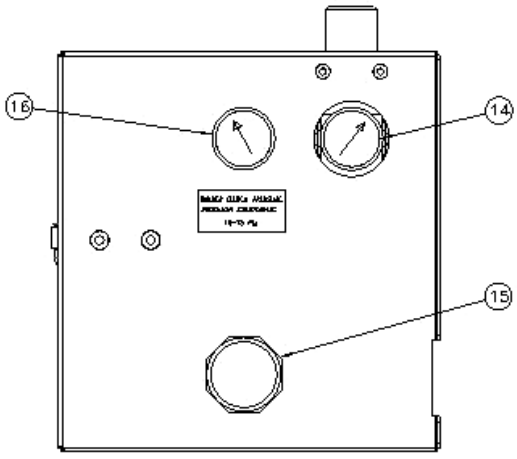
- Cut the two rolls apart, remove the previous roll, and load the leading edge of the new roll through the rods that form the winding mandrel.
- (Repeat)

Adjustments / Controls

- **Control Box (front)-** The front of the control box allows the operator to start and stop the automatic function of the machine, shut off power to the machine in the event of an emergency, view the hours of run time on the sewing heads, turn off power to the left sewing head, change the winding direction of the rewind motor, and to raise and lower the upper puller roller.

- **Control Box (rear)-** The rear of the control box allows the operator to turn the power on and off and to lock out power for servicing.

- **Left Head Adjustment Crank-** The left head adjustment crank is located on the left side of the machine. It allows the operator to move the Left head to sew various widths of fabric ranging from 0 to 18 inches wide.



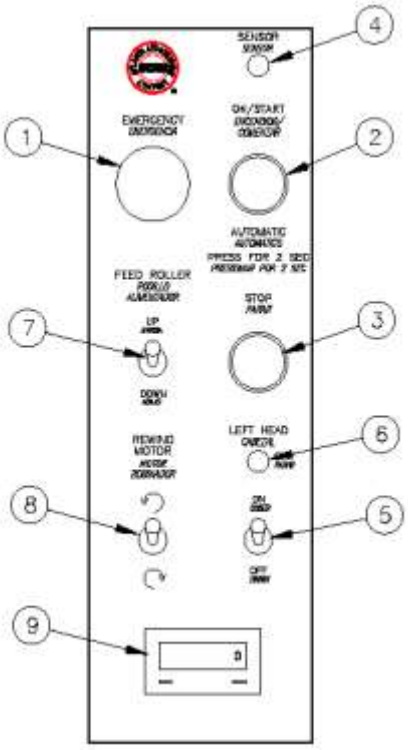
- **Winder Clutch Regulator-** The winder clutch pressure gauge (16) is located on the left side of the machine, behind the door. There are two regulators behind the door; the winder clutch regulator (15) is the one on the left. The main regulator (14) is on the right. The winder clutch regulator controls the amount of winding tension used to wind the fabric after being sewn. Increasing the air pressure supplied by the winder clutch regulator results in a more tightly wound roll of fabric.

Control Box Functions

Front of Control Box

(See Figure 1)

Figure 1



1. Emergency Stop Button- Pressing this button will turn off power to the machine. This button will lock when pressed. Twisting the button will cause it to unlock and return to its normal position.

2. Start Button- This button, pressed once, causes the power contactor to engage and the Sensor LED (4) to light. When this button is pressed again and held until the LED goes off, the automatic cycle is started.

3. Stop Button- This button causes the automatic cycle to stop.

4. Sensor LED- This LED is on when the contactor is engaged and the machine is ready for automatic operation. It is turned on by the thread break sensors and material out detectors.

5. Left Head Off Switch- This switch turns off the left sewing head.

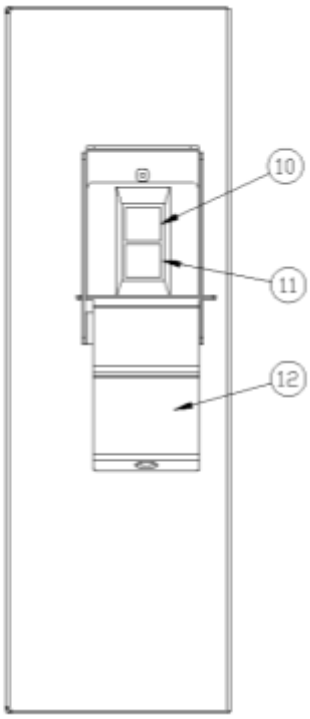
6. Left Head Off LED- This LED is on only when the left head is off.

7. Feed Roller Switch- Raises and lowers the Feed Roller for loading border. The Feed Rollers must be down during operation.

8. Rewind Direction Switch- Changes the winding direction of the rewind motor.

9. Head Timer- This timer shows how much actual run time (hours) there is on the heads (this timer only runs when the heads are sewing).

Figure 2



Rear of Control Box

(See Figure 2)

10. Power On Button- This button turns on power to the machine but the contactor is not engaged. This allows the operator to use the needle light without fear of the sewing heads running.

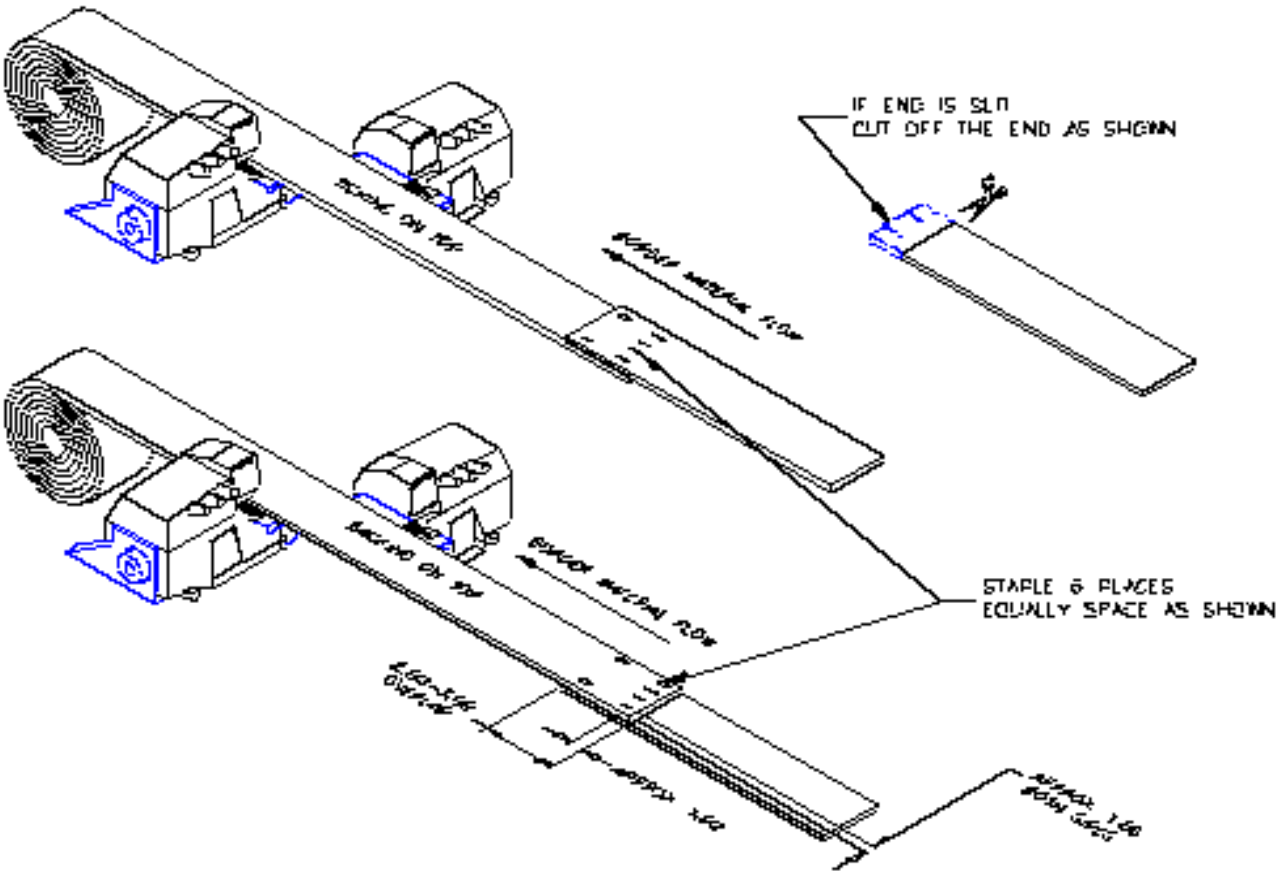
11. Power Off Button- This button turns off power to the machine and causes all functioning of the machine to stop.

12. Lock-Out Cover- Raise and lock to Tag-out, Lock-out the machine for servicing.

Manual Foot Pedal

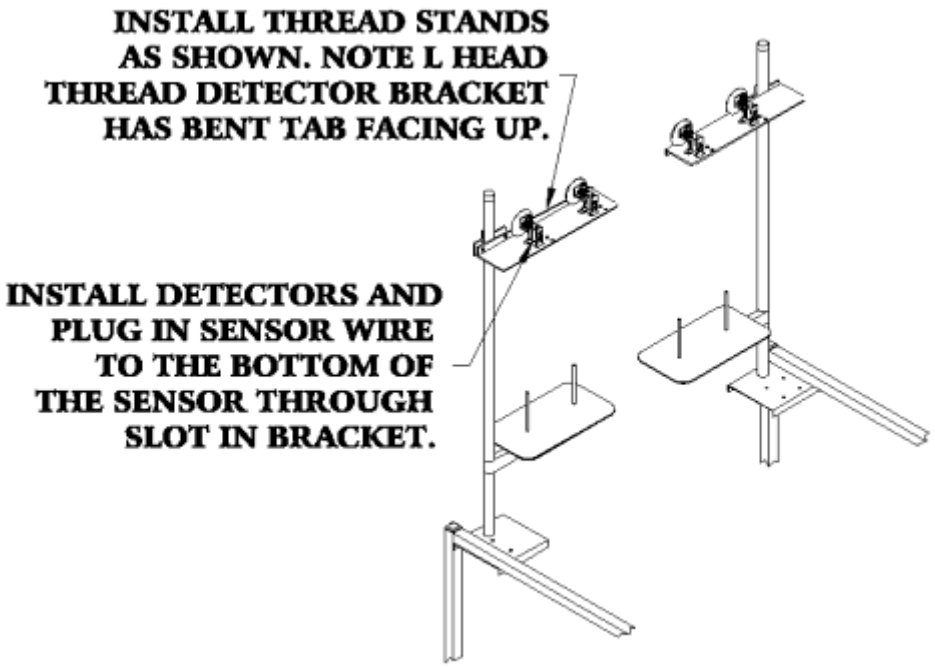
The manual foot pedal runs the machine at a reduced speed and does not monitor either thread breaks or material out sensors. CAUTION: After main power on, always quickly tap the manual foot pedal to make one slow stitch. This enables the electronic motors to "sync" to their needle up sensors and reduces chance of needle breakage during automatic s ENTRE LOS DISCOS DE TENSIONtart.

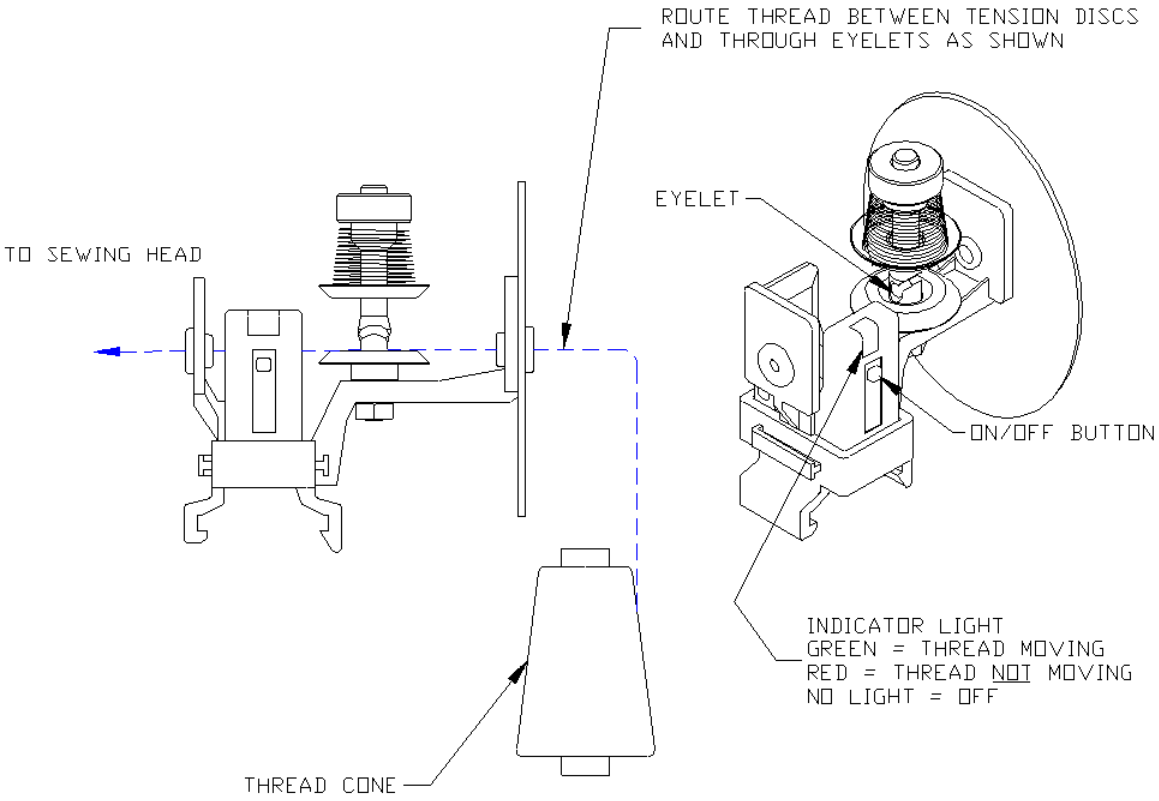
Border Splicing Methods



Note: The above illustration shows the two acceptable methods of border splicing for proper operation.

Thread Sensor Instructions





Clutch-Brake Installation & Maintenance

Installation

Shaft Mounting (See Figure 1)

1) Insert the Key (Item 21) into the keyway of the mounting shaft.
2) Slide the BW Clutch onto the mounting shaft until the Key (Item 21) is seated in the BW Clutch.
3) Insert and tighten the two set screws (Item 20).

Coupling Mounting (See Figure 2)

1) Insert the Key (Item 21) into the keyway of the mounting shaft.
2) Slide the Pilot Mount BW Clutch onto the mounting shaft until the Key (Item 21) is seated in the Pilot Mount BW Clutch.
3) Insert and tighten the two set screws (Item 20).
4) Insert the customer supplied key into the coupling shaft.
5) Slide the Coupling Adapter onto the coupling shaft.
6) Using the cap screws provided with the Coupling Adapter, secure the Coupling Adapter to the Pilot Mount BW Clutch.
7) Insert and tighten the set screws provided with the Coupling Adapter.

Brake Mounting (See Figure 3)

1) Using the cap screws provided with the Brake Adapter, secure the Brake Adapter to the Pilot Mount BW Clutch.
2) Insert the Key (Item 21) into the keyway of the mounting shaft.
3) Slide the Pilot Mount BW Clutch with the Brake Adapter onto the mounting shaft and key.
4) Align the notch in the Brake Adapter with a torque pin or stop on the machine.
5) Insert and tighten the two set screws (Item 20).

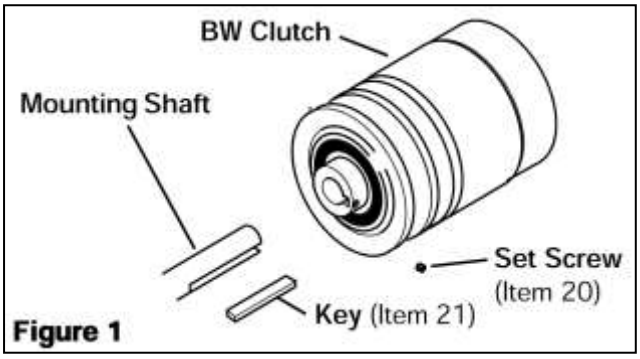


Figure 1

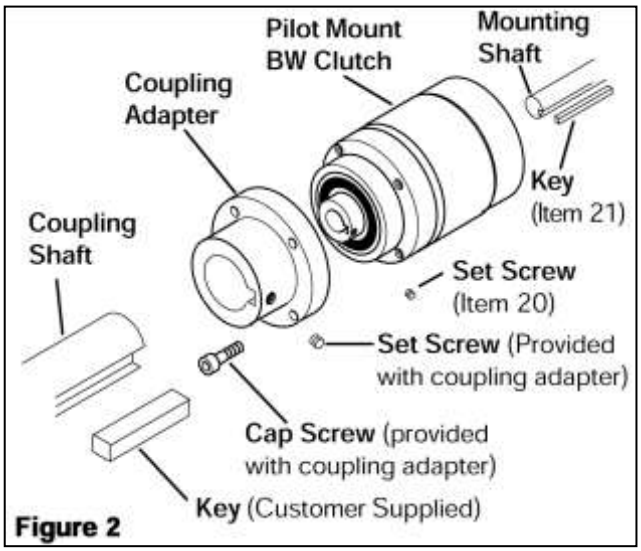


Figure 2

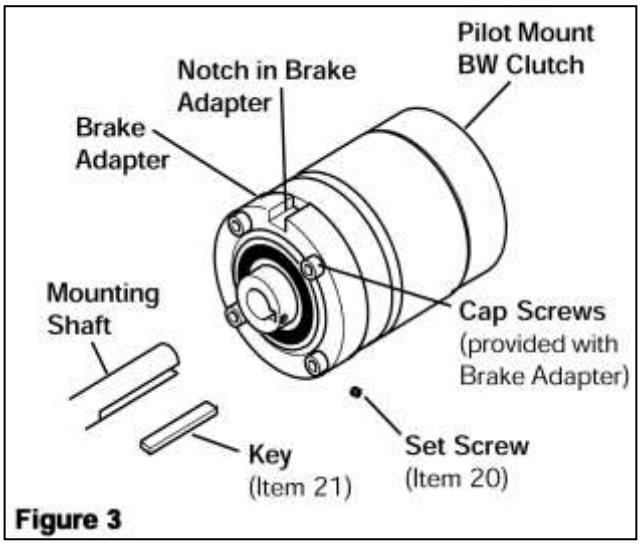


Figure 3

Airline Connections

See Figure 4 on page 19 for all references on this page

A 1/8 NPT female air inlet fitting is provided in the piston (Item 13) for the airline connection. The Air Hose Assembly (Item 19) must be used so that no side forces are introduced to the air chamber-piston assembly.

Bearing drag on the hose during operation may be relieved by securing the hose to a support.

Caution: The use of rigid pipe or tubing when connected directly to the BW Clutch will prevent proper actuation of the BW Clutch.

Lubrication

Nexen BW Clutches are factory lubricated and ready to install. The thrust bearings (Item 8) are packed with a lubricant specially selected for the BW Clutch. If it becomes necessary to lubricate the thrust bearings, use Nexen H-130 (Product No. 853900). Frequency of lubrication of the thrust bearings will depend on the speed of operation, temperature, and severity of application. The radial bearing (Item 3) is pre-lubricated, sealed, and requires no further lubrication. To disassemble the BW Clutch for lubrication, refer to Parts Replacement on page 19.

Note: Pneumatically actuated devices require clean, pressure regulated, and lubricated air for maximum performance and long life. The most effective and economical way to lubricate Nexen Clutches is with and airline lubricator, which injects oil into the pressurized air, forcing an oil mist into the air chamber.

Locate the lubricator above and within ten feet of the Clutch, and use a low viscosity oil such as SAE-10.

Synthetic lubricants are not recommended.

Lubricator Drip Rate Settings

Note: These settings are for Nexen supplied lubricators. If you are not using a Nexen lubricator, calibration must replicate the following procedure.

1) Close and disconnect the air line from the unit.
2) Turn the Lubricator Adjustment Knob clockwise three complete turns.
3) Open the airline.
4) Close the airline to the unit when a drop of oil forms in the Lubricator Sight Gage.
5) Connect the airline to the unit.
6) Turn the Lubricator Adjustment Knob counterclockwise until closed.
7) Turn the Lubricator Adjustment Knob clockwise 1/3 turn.
8) Open the airline to the unit.

Parts Replacement

See Figure 4 on page 19 for all references on this page

1) Remove the Retaining Ring (Item 2)
2) Depending on which version of the BW Clutch is being used, remove the Pilot Mount Disc (Item 15) or the Sheave (Item 4).
3) Press the old Bearing (Item 3) out of the Sheave or Pilot Mount Disc.
4) Clean the bearing bore of the Sheave (Item 4) or Pilot Mount Disc (Item 15) with fresh solvent making sure all old Loctite® residue is removed.
5) Apply and adequate amount of Loctite® RC609 to evenly coat the outer race of the new Bearing (Item 3).
6) Carefully align the outer race of the new Bearing (Item 3) with the bore of the Sheave or Pilot Mount Disc and press the new Bearing (Item 3) into place.
7) Remove the first old Spring Retaining Washer (Item 23), old Return Spring (Item 5), and the second old Spring Retaining Washer (Item 23) from the Hub (Item 1).
8) Slide the old Friction Disc Assembly (Item 7) off of the Hub (Item 1).
9) Remove the old Disc Key (Item 6).
10) Slide the Hub (Item 1) out of the Air Chamber (Item 9) and Piston (Item 13).
11) Separate the Piston (Item 13) from the Air Chamber (Item 9).
12) Remove the old O-ring Seal (Item 11) form the Air Chamber (Item 9).
13) Press the old Thrust Bearing (Item 8) out of the Air Chamber (Item 9).
14) Carefully align the outer race of the new Thrust Bearing (Item 8) with the bore of the Air Chamber (Item 9) and press the new Thrust Bearing (Item 8) into place.
15) Remove the old O-ring Seal (Item 10) form the Piston (Item 13).
16) Press the old Thrust Bearing (Item 8) out of the Piston (Item 13).
17) Carefully align the outer race of the new Thrust Bearing (Item 8) with the bore of the Piston (Item 13) and press the new Thrust Bearing (Item 8) into place.
18) Clean the O-ring contact surfaces of the Air Chamber and Piston with fresh safety solvent.
19) Coat the O-ring contact surfaces of the Air Chamber and Piston with fresh O-ring lubricant and wipe off any excess lubricant.
20) Coat the new O-ring Seals (Items 10 and 11) with fresh O-ring Lubricant.
21) Install the new O-ring Seals (Items 10 and 11).
22) Slide the Piston (Item 13) into the Air Chamber (Item 9).
23) Slide the Air Chamber and Piston onto the Hub (Item 1).
24) Install the new Disc Key (Item 6) into the Hub.
25) Slide the new Friction Disc Assembly (Item 7 onto the Hub (Item 1) and Disc Key (Item 6).

Note: The closed end of the Return Spring (Item 5) must face toward the Retaining Ring (Item 2).

26) Install the new Return Spring (Item 5) and Spring Retaining Washers (Item 23).
27) Press the Pilot Mount Disc (Item 15) and Bearing (Item 3) or the Sheave (Item 4) and Bearing (Item 3) onto the Hub (Item 1).
28) Reinstall the Retaining Ring (Item 2).

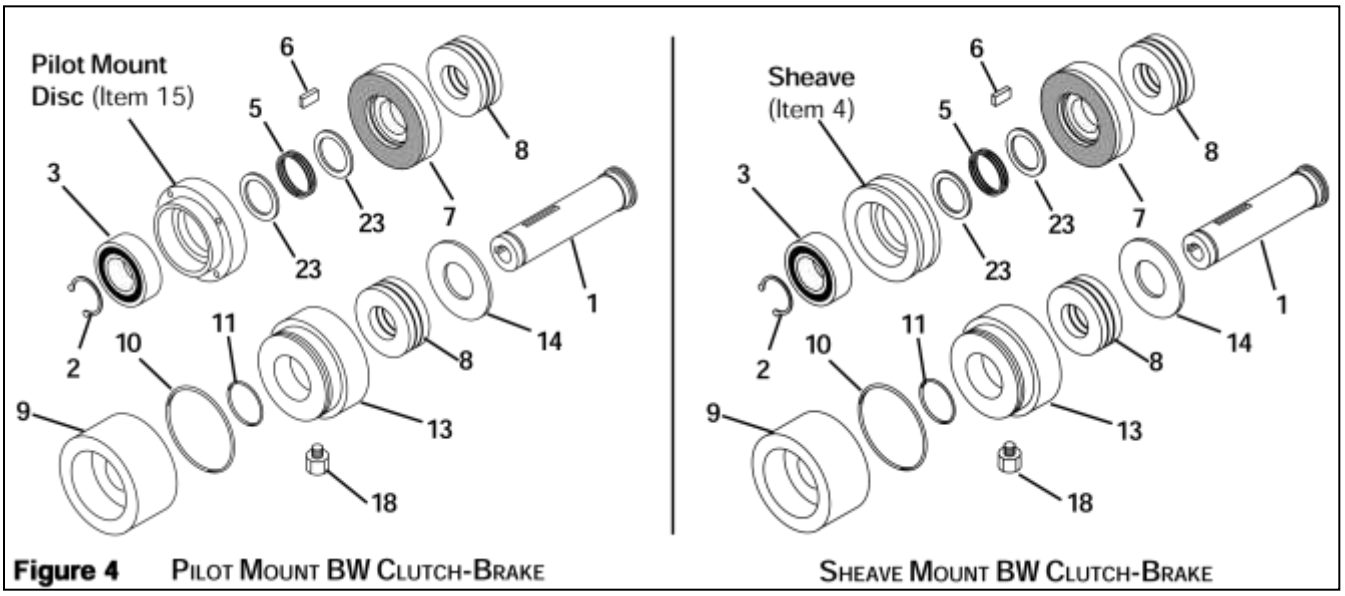


Figure 4 PILOT MOUNT BW CLUTCH-BRAKE SHEAVE MOUNT BW CLUTCH-BRAKE

[1]

ITEM	DESCRIPTION	QTY
1	Hub	1
2	Retaining Ring (Ext.)	1
3	Bearing	1
4	Sheave	1
5[1]	Return Spring	1
6[1]	Disc Key	1
7[1]	Friction Disc Assembly	1
8[1]	Thrust Bearing	2
9	Air Chamber	1
10[1]	O-Ring Seal (Large)	1
11[1]	O-Ring Seal (Small)	1
13	Piston	1
14	Washer	1
15	Pilot Disc Mount	1
18	Air Inlet Fitting	1
19	Air Hose Assembly (Not Shown)	1
20	Set Screw (Not Shown)	2
21	Key (Not Shown)	1
23[1]	Spring Retaining Washer	2

[1] Denotes Repair Kit Item (Repair Kit No. 846800)

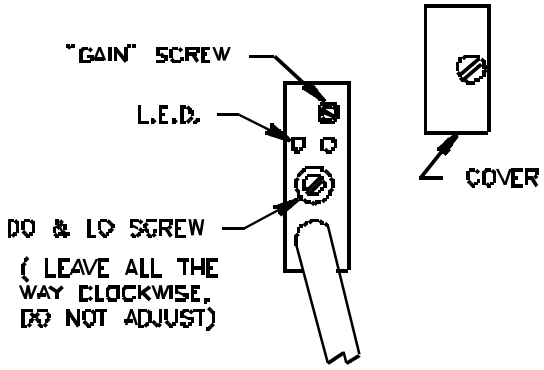
Troubleshooting

Machine doesn't continue to run after the start button is pressed for the second time (after the power on LED is lit).	
	1. The thread break detectors are threaded wrong or damaged. (See thread sensor instructions on page 15). 2. The fabric sensor is not properly aligned (not looking through the slot) or damaged. 3. Left hand head is turned off, but the left hand head thread break sensors are turned on.
Machine will not stop after fabric runs out	
	1. The fabric sensor is not properly aligned (not looking through the slot) or damaged. 2. Reflective tape on handwheel is worn or is not at least 1 inch long. 3. Motor speed has been decreased and is running slower than 5000 rpm. If this has occurred, call Atlanta Attachment Company for necessary adjustments to correct this problem.
Sewing heads will not turn on	
	1. Check Left head on/off switch on rear of control box. 2. Check that all plugs on motor are plugged in securely.
Heads sewing, but feed rollers not turning	
	1. Step motor control box should be turned on (see power light on front of step motor control box). 2. Check fuse in stepper motor control box. 3. Check belt going from step motor to feed roller. 4. Check pulleys on step motor and feed roller (set screws should be tight). 5. Thumbwheels on front of step motor control box should have a number value from 150-220.
Heads sewing, feed rollers turning, but cloth not being pulled through	
	1. Check air pressure, should be 30-40 psi. Higher pressures may cause feed rollers to stall. 2. Check that feed roller switch is set for feed roller down. 3. Check that threads on edge of cloth are not wrapped around roll rod. 4. Thumbwheels on front of step motor control box should have a number value from 150-220.
Cloth runs out from under foot.	
	1. Check that foot pressure on both heads is minimal - just enough to keep foot from vibrating. (Note: feed dogs are not used to feed the cloth on the 1961, the feed roller feeds the cloth and both feet just "float" on top of the cloth). 2. Check fabric threading through guide assembly: over first bar, under second.

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.

General Machine Maintenance

- Maintenance should only be performed by trained, qualified personnel. Before performing any maintenance or repair work, switch off the electrical, pneumatic, etc. power to the machine at the main source and secure it with a padlock so that it cannot be switched on again without authorization.
- Always wear proper safety equipment when operating or performing maintenance on any equipment.
- All recommended maintenance is for a single shift schedule, adjust as necessary for a multi-shift operation.
- Equipment should not be used for purposes other than designed or specified.

Daily (8 -10 hrs. of operation)

- Follow manufacturer’s recommendations and guidelines for operation, maintenance, and lubrication of the sewing head.
- Check for proper oil level and/or flow in the sewing head and other oil filled or lubed equipment, fill as needed. Oil all points as indicated.
- Clean the machine at the end of every shift or as excess materials accumulate.
- Clean lint, waste, etc. from the sewing, looper(s) and needle(s), area as it accumulates, remove or open covers as necessary for access.
- Remove any threads or other material(s) wrapped around or between any moving parts.
- Wipe all photocell lenses with a clean non-abrasive dry cloth.
- Open or remove doors and/or covers and inspect belt(s) for debris or wear and clean or replace as necessary.
- Monitor the air pressure filter/regulator and empty as necessary.
- Investigate and report any unusual noises to the proper personnel.

Weekly (40 hrs. of operation)

- Sharp Cloth/Edge trimming knives are essential and should be sharpened as often as needed, check sharpness once a week and sharpen as necessary.
- Check the sewing head drive belt for proper tightness and wear. Adjust and replace as necessary.
- Inspect photocell reflective tape, i.e. (machine hand wheel, etc.) and replace if dirty or worn.
- Inspect pillow blocks and other bearings (conveyors and rotating shafts) and remove thread and debris.
- Inspect all moving parts to ensure smooth operation, lube or clean as necessary.

Monthly (160 hrs. of operation)

- Inspect pillow blocks and other non-sealed bearings (conveyors and rotating shafts) and apply one shot of recommended grease to each bearing/fitting.
- Refer to the manufacturer's guidelines for oil and oil filter changes and other maintenance pertaining to the sewing head and other OEM equipment.
- Monitor the air pressure filter/regulator and replace the filter as necessary.

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 # SP1961EG24 Spare Parts Kit (Standard Cutter)

NO.	QTY	PART #	DESCRIPTION	NO.	QTY	PART #	DESCRIPTION
1	1	541	Timing Gauge	12	1	2775045R50M	Throat Plate, RH
2	1	000593-91	Timing Gauge	13	1	FFT18FF100Q	Electric Eye
3	4	201121A	Upper Cutter	14	1	MM742-27BN	Bulb, 12V
4	6	202295	Lower Cutter	15	100	SNB27140	Needle
5	4	205607	Upper Cutter	16	1	UM68D	Stone
6	6	205609	Lower Cutter	17	1	UM-68KH10	Cutter Holder
7	2	211161	Lower Looper	18	1	UM-SKS10	Portable Sharpener
8	2	211156	Upper Spreader	19	3	ZZZSR-202	Staples
9	1	211726M	Throat Plate, LH	20	1	ZZZSR-20W	Scizzors
10	2	277014A	Spreader	21	1	ZZZSR-220	Plier
11	2	277034	Lower Looper				

AAC Part # SP1961EG24HD1 Spare Parts Kit (Wide 10mm Cutter)

NO.	QTY	PART #	DESCRIPTION	NO.	QTY	PART #	DESCRIPTION
1	1	000541	Timing Gauge	17	6	277009	Lower Cutter, Wide
2	1	000593-91	Timing Gauge	18	2	277014A	Spreader
3	6	1961-002	Lower Cutter, LH, Wide	19	2	277034	Lower Looper
4	4	1961-003	Upper Cutter, LH, Wide	20	1	277378A25-G	Feed Dog, Main
5	1	201230CM	Shoe, RH, Mod	21	1	27738025-G	Feed Dog, Diff
6	2	211146	Needle Guard, Front	22	1	277511S70M	Throat Plate, Wide Cutter
7	2	211161	Lower Looper	23	1	FFT18FF100Q	Electric Eye
8	2	211156	Upper Spreader	24	1	MM742-27BN	Bulb, 12V
9	2	211621	Needle Guard, Rear	25	100	SNB27140	Needle
10	1	211726M1	Needle Plate, LH	26	1	UM-68D10	Stone
11	1	211735	Feed Dog, Main	27	1	UM-68KH10	Cutter Holder
12	1	211738	Feed Dog, Diff.	28	1	UM-SKS10	Portable Sharpener
13	1	211744M	Shoe, LH, Mod	29	3	ZZZSR-202	Staples
14	4	277000	Upper Cutter, Wide	30	1	ZZZSR-20W	Scizzors
15	2	277004	Needle Guard	31	1	ZZZSR-220	Plier
16	2	277005	Needle Guard, Front				

1961-LPAR4 Parameter Settings

Before Programming, Perform a Master Reset of Parameters (See Below)

PARAMETER	RANGE	VALUE	DESCRIPTION
290		0	Mode of operation. MUST SET THIS PARAMETER FIRST!
026	0-5	0	F-026=0 to disable the EB401 selection after power on.
111	400-9900 rpm	5000/6000	Maximum speed when "129" is 0, 1, or 2.
119	1-3	1	Linear acceleration
161	0-1	1=CCW	Motor rotation
240	0-31	6	Machine run blockage with open contact
270	0-5	1	External handwheel sensor configuration.
272	015-9999	1000	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. (For Yamato and Pegasus, setting should be 1000; for Rimoldi, setting should be 1240)
436		0	Use code "5913". This disables an input that was causing box to reset itself.
401	0	1	Change 401 from 0 to 1 to save all parameters

Front panel LED's:

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

Programming Instructions:

1. Power on holding down the "P" button till "COD" is displayed.
2. Press ">>" once and enter the number "3112"
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

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 "5913"
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.

NOTE: Set sewing speed at 5000 and puller speed to 800 for first 90 days of operation and then increase to 6000 and 1000 if desired.

1961-PPAR4 Parameter Settings

Before Programming, Perform a Master Reset of Parameters (See Below)

1961 PARAMETER SETTINGS FOR PULLER MOTOR

PARAMETER	RANGE	VALUE	DESCRIPTION
290		0	Mode of operation. MUST SET THIS PARAMETER FIRST!
026	0-5	0	F-026=0 to disable the EB401 selection after power on.
111	400-9900	800/1000*	Maximum speed when "129" is 0, 1, or 2. **
119	1-3	1	Linear acceleration
153	0-50	35	Braking power at standstill
161	0-1	1-CCW	Motor rotation
161	0-1	0-CW	Motor rotation for worm drive pullers
220	1-55	5	Acceleration
270	0-5	5	No handwheel sensor
272	015-9999	240	Drive ratio for worm drive pullers. (current model) (Older belt drive pullers should be set on 1000) The smaller the number the higher the speed
436		0	Use code "5913". This disables an input that was causing box to reset itself.
401	0	1	Change 401 from 0 to 1 to save all parameters

Front panel LED's:

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

Programming Instructions:

1. Power on holding down the "P" button till "COD" is displayed.
2. Press ">>" once and enter the number "3112"
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

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 "5913"
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.

***Set sewing speed at 5000 and puller speed to 800 for first 90 days of operation and then increase to 6000 and 1000 if desired.**

1961-RPAR4 Parameter Settings

Before Programming, Perform a Master Reset of Parameters (See Below)

PARAMETER	RANGE	VALUE	DESCRIPTION
290		0	Mode of operation. MUST SET THIS PARAMETER FIRST!
026	0-5	0	F-026=0 to disable the EB401 selection after power on.
111	200-9900 rpm	5000/6000	Maximum speed when "129" is 0, 1, or 2.
119	1-3	1	Linear acceleration
161	0-1	0=CW	Motor rotation
270	0-5	1	External handwheel sensor configuration.
272	015-9999	1000	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. (For Yamato and Pegasus, setting should be 1000; for Rimoldi, setting should be 1240)
436		0	Use code "5913". This disables an input that was causing box to reset itself.
401	0	1	Change 401 from 0 to 1 to save all parameters

Front panel LED's:

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

Programming Instructions:

1. Power on holding down the "P" button till "COD" is displayed.
2. Press ">>" once and enter the number "3121"
3. Press "E" once and "4.0.0." 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

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 "5913"
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.

NOTE: Set sewing speed at 5000 and puller speed to 800 for first 90 days of operation and then increase to 6000 and 1000 if desired.

Assembly Drawings & Parts Lists

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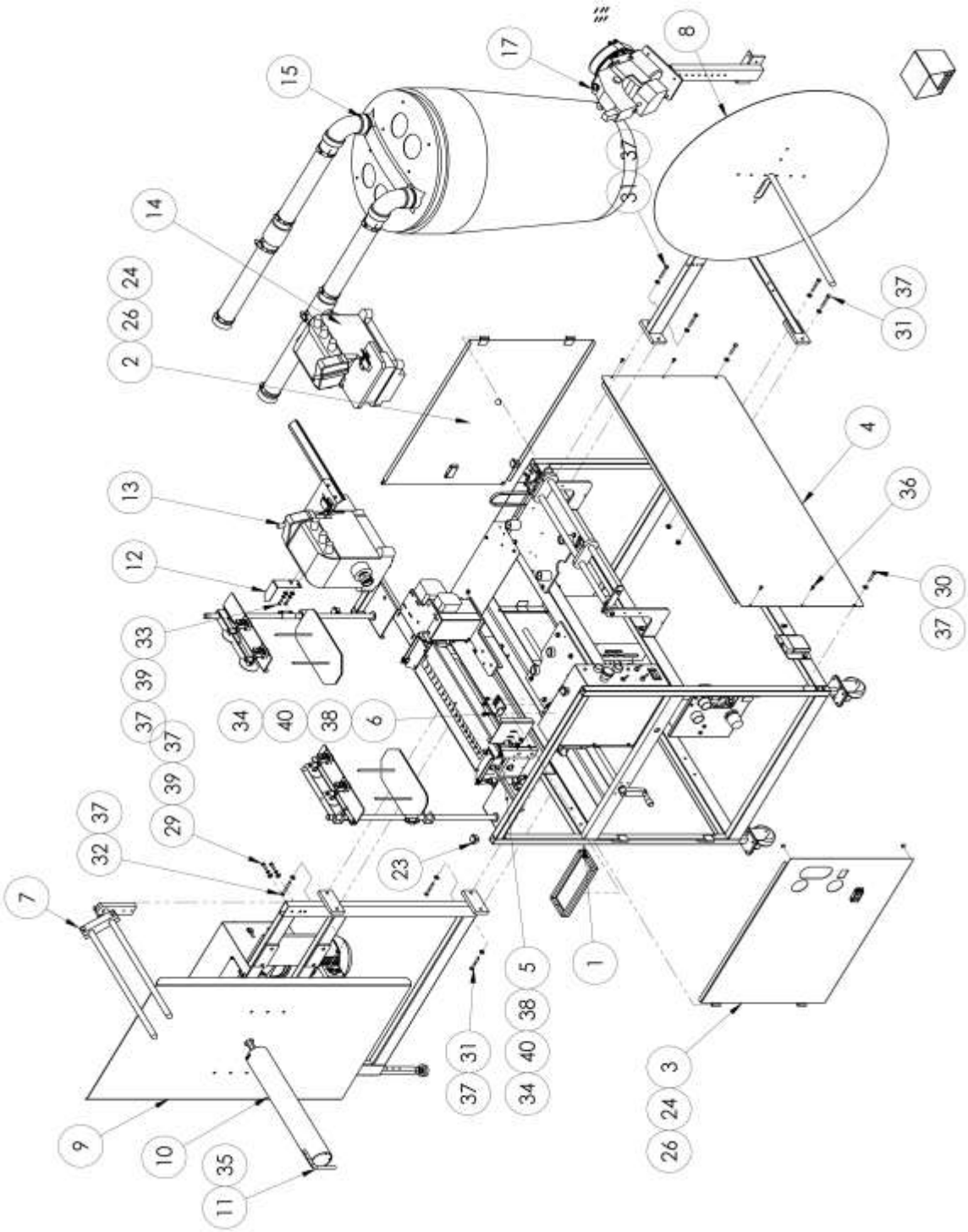
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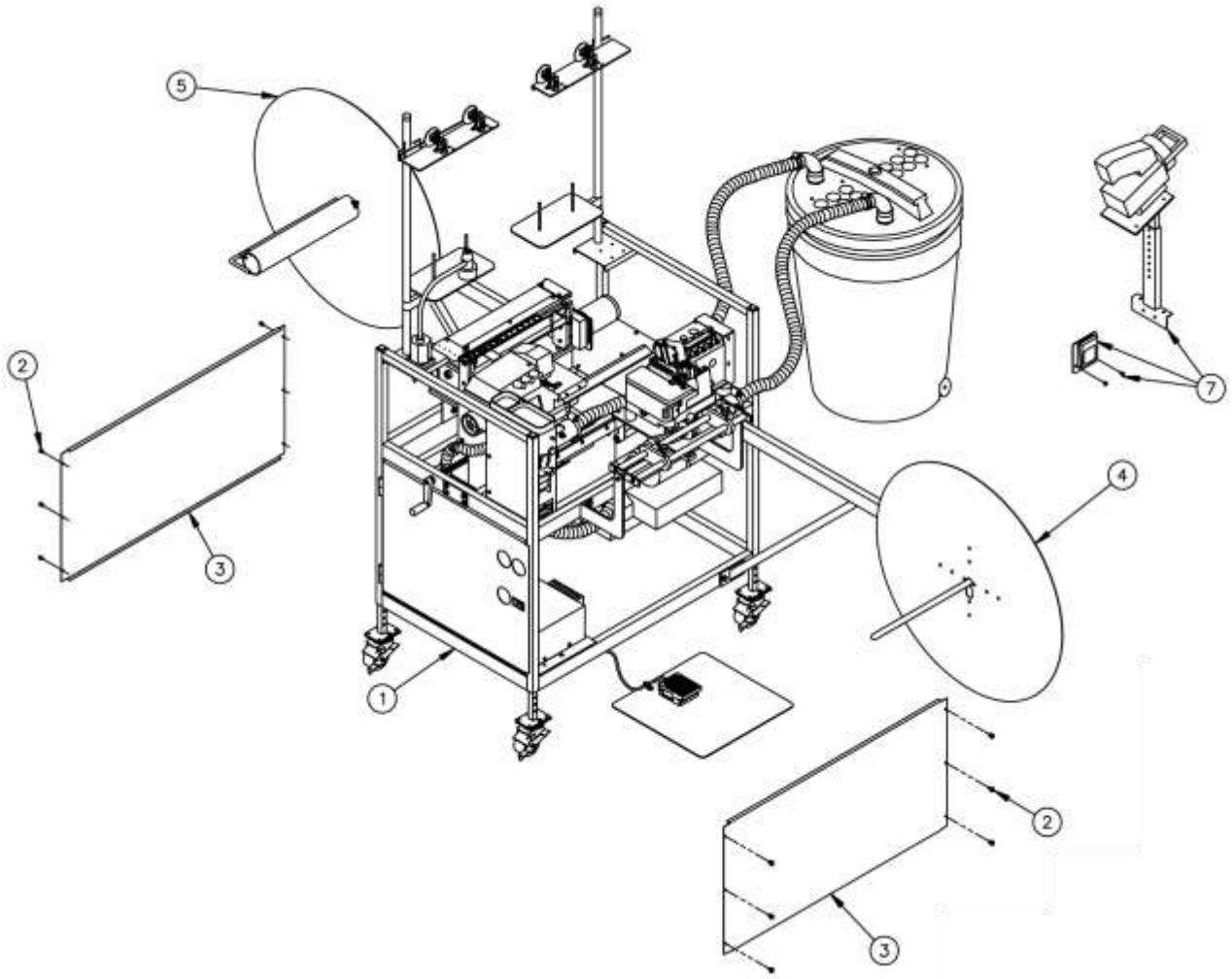
1961EG24CH Auto Border Sew, L&R Head

AAC Drawing Number 9001810 Rev 12

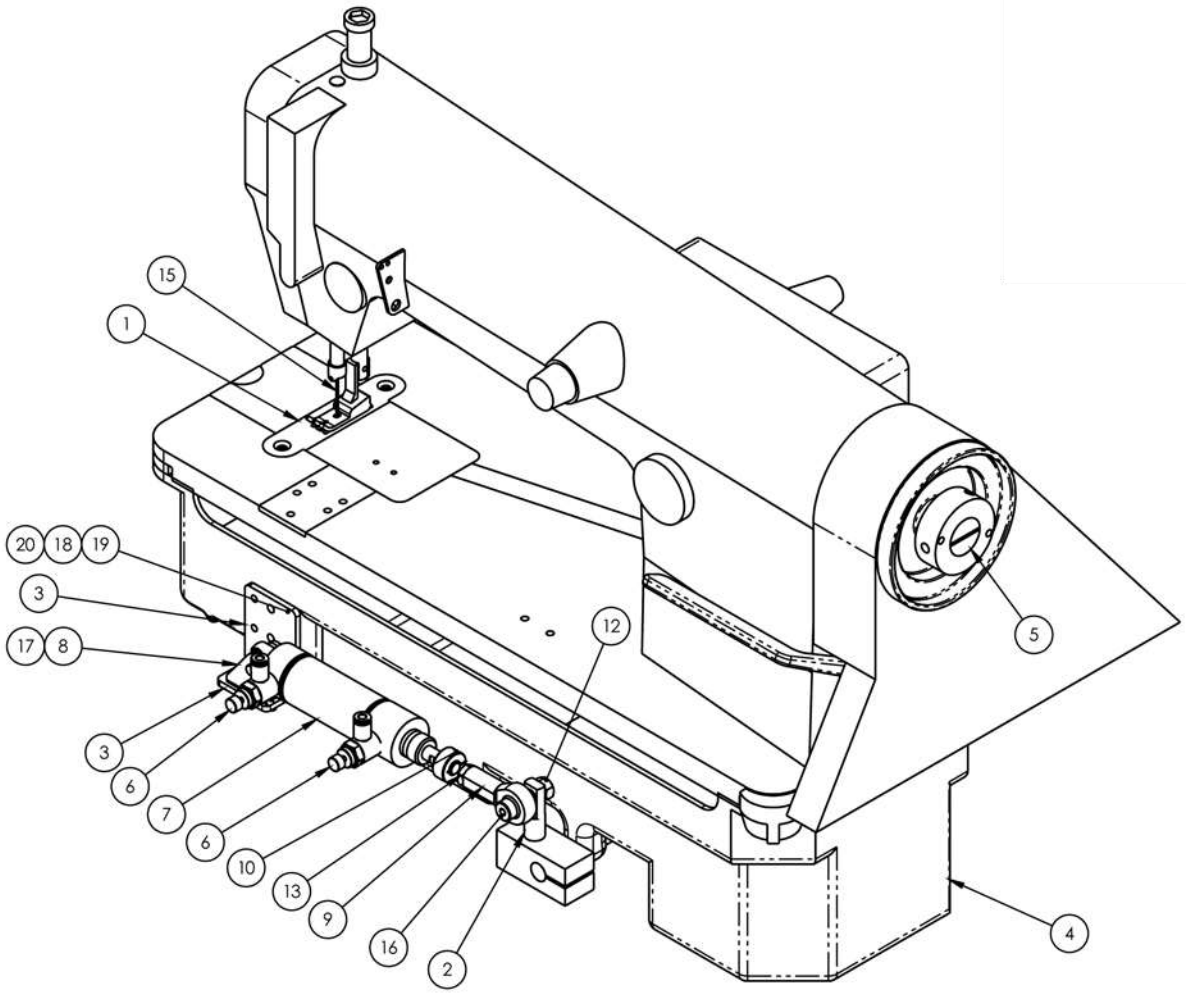
NO	QTY	PART #	DESCRIPTION
1	1	1961-001H	MAIN ASSY,HEAVY DUTY
2	1	1961-151B	DOOR
3	1	1961-151C	DOOR
4	2	1961-152C	COVER, REAR
5	1	1961-155A	COVER,BELT
6	1	1961-161A	BRKT,BELT GUARD
7	1	1961-210G	TENSION RACK, PULLER, 18"
8	1	1961-250C	PREFEED ASSY
9	1	1961-320M	REWIND ASSY W/0 SLEEVE
10	1	1961-372	SLEEVE, REWIND, 18" CAP
11	1	1961-374A	HANDLE, SLEEVE
12	1	1961-410A	POINTER,SERGE WIDTH
13	1	1961-500E	SEWING HEAD ASSY,LH
14	1	1961-500F	SEWING HEAD ASSEM. RH
15	1	1961-800D	WASTE ASSY, DUAL,
16	*AR	1961-900WD3	DIAGRAM, WIRING
17	1	1961-KIT10	BORDER SPLICING ASSY
18	*AR	1961-LPAR	PARAMETER SETTINGS,L
19	*AR	1961-PPAR	PARAMETER SETTINGS,PL
20	*AR	1961-RPAR	PARAMETER SETTINGS,R
21	1	26151	TRAY,SMALL TOOL,3X9
22	*5'	AATPWL1	LOOM,WIRE,1"
23	5	MM132-1202	END CAP,SQUARE,BLACK
24	2	MM40450010	FASTENER,SLIDE LOCK
25	1	MMSJ5017	BUMPER,3M SJ5017
26	4	MMSLD-ECH	1/2" DIA RUBBER BUMPER
27	8	NNK1/4-20	NUT,HEX,KEP,1/4-20,W/LOCK
28	*10	SNB27140	NEEDLE,SIZE 140
29	2	SSHC01048	1/4-20 X 3/4 HEX CAP
30	4	SSHC01096	1/4-20 X 1-1/2 HHCS
31	6	SSHC01128	1/4-20 X 2 HEX CAP
32	2	SSHC01144	HEX HEAD BOLTS
33	2	SSM3236136	1/4-40 X 9/16" SOC CAP
34	4	SSSC98024	10-32 X 3/8 SOC CAP
35	2	SSSC98032	10-32X1/2, SOC CAP
36	8	SSZS93032	SCREW, SHT.METAL 10 ZIP
37	24	WWFS1/4	WASHER,FLAT,SAE,1/4
38	4	WWFS10	WASHER, FLAT, #10, SAE
39	4	WWL1/4	WASHER,LOCK,1/4
40	4	WWL10	WASHER,LOCK,#10
41	*AR	ZZ11961E	TECHNICAL MANUAL



1961EG24D Auto Border Sew, L&R Head

AAC Drawing Number 192508C Rev 2

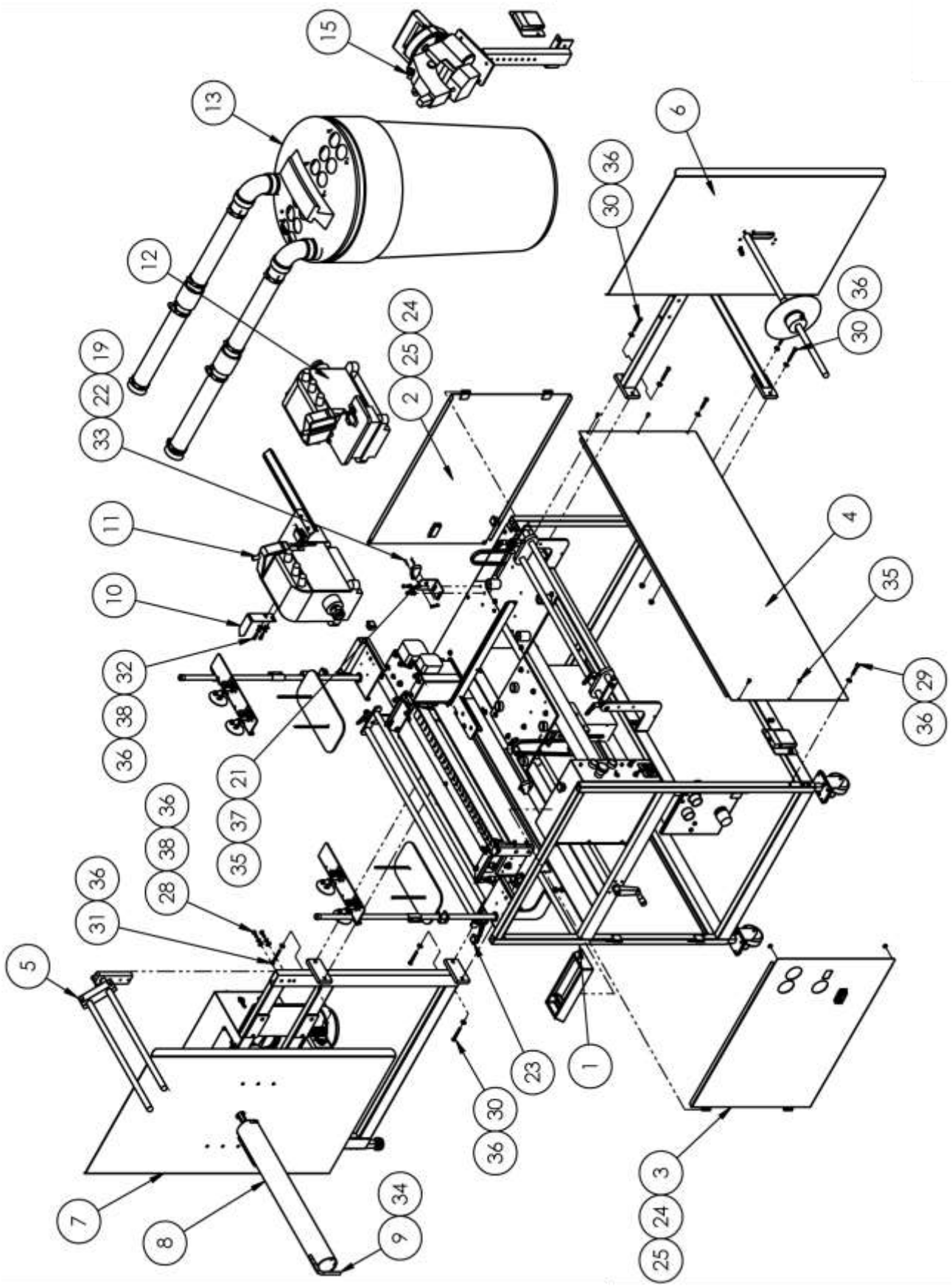
NO.	QTY	PART #	DESCRIPTION
1	1	1961-GED	GENERIC WORKSTATION
2	12	SSZS93032	SHEET METAL SCREW
3	2	1961-152D	REAR COVER
4	1	1961-250D	PREFEED ASSY.
5	1	1961-320D	REWINDER ASSY.
6	AR	ZZ11961E	TECHNICAL MANUAL
7	1	1961-KIT10	BAG CLOSER



1961-720 Sewing Head Assembly

AAC Drawing Number 9000710 Rev 3

NO.	QTY	PART #	DESCRIPTION	NO.	QTY	PART #	DESCRIPTION
1	1	1347072	THROAT PLATE, SJUKI-481U	11	1"	EEFE-RR2	TAPE, REFLECTIVE, 1" WIDE
2	1	1918-073	FOOTLIFT LINK	12	1	NNH1/4-20	NUT,HEX,1/4-20
3	1	1961-737	BRACKET, FOOT LIFT CYL.	13	1	NNJ1/4-20	NUT, HEX, JAM, 1/4-20
4	1	1961-748	OIL PAN, MODIFIED	14	1	SJUKI-481U	SEWING HEAD, MH481U JUKI
5	1	22100-019	ADAPTER, SYNCHRONIZER	15	10	SNTVX722-140GB	NEEDLE,SIZE 140/22
6	2	AA198RA508	FLOW CONTROL,5/32 X 1/8"	16	1	ssas020040	SHULDER BOLT 5/16 X 5/8L,
7	1	AAC6DP-1	CYLINDER,AIR,DA	17	2	SSPP98024	10-32 X 3/8 PAN HD PHILIP
8	1	AAFBP-11C	BRKT,PIVOT,1/4 BORE	18	2	SSSC98024	10-32 X 3/8 SOC CAP
9	1	BBAW-5Z	BEARING,ROD END,FEMALE	19	2	WWFS10	WASHER, FLAT, #10, SAE
10	1	CCCL5F	CLAMP COLLAR,5/16" BORE	20	2	WWL10	WASHER,LOCK,#10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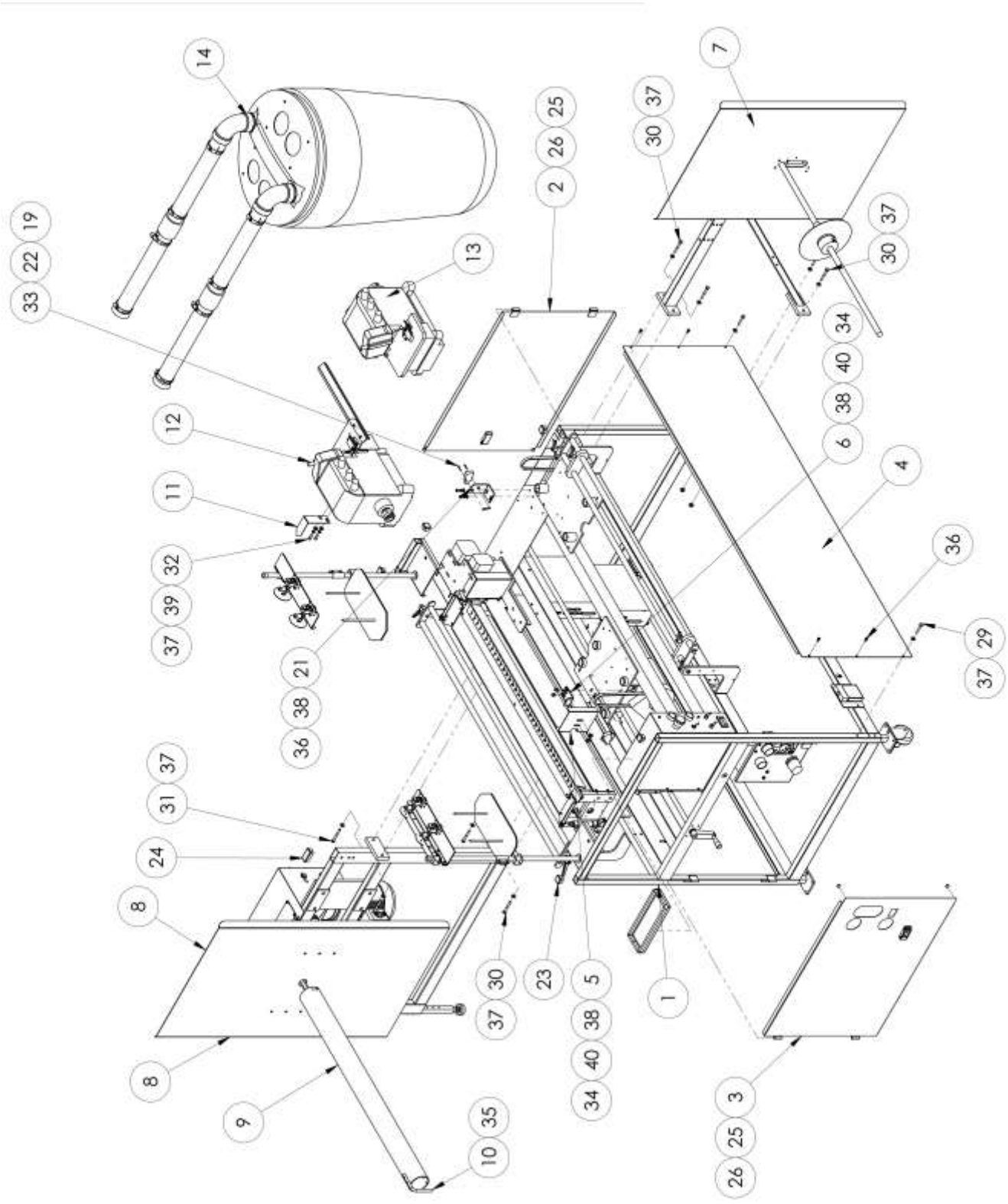
1961EG24DH Auto Border Sew, 24” Cap, H

AAC Drawing Number 9001910 Rev 5

NO.	QTY	PART #	DESCRIPTION
1	1	1961-001F	MAIN ASSY,HVY DTY 24" CAP
2	1	1961-151B	DOOR
3	1	1961-151C	DOOR
4	2	1961-152D	COVER,REAR
5	1	1961-210G	TENSION RACK, PULLER, 18"
6	1	1961-250G	PREFEED ASSEMBLY, 24" CAP
7	1	1961-320M	REWIND ASSY,W/O SLEEVE
8	1	1961-372D	SLEEVE, REWIND, 24" CAP
9	1	1961-374A	HANDLE, SLEEVE
10	1	1961-410A	POINTER,SERGE WIDTH
11	1	1961-500E	SEWING HEAD ASSY,LH
12	1	1961-500F	SEWING HEAD ASSEM. RH
13	1	1961-800D	WASTE ASSEMBLY
14	*AR	1961-900WD3	DIAGRAM, WIRING
15	1	1961-KIT10	BORDER SPLICING ASSY.
16	*AR	1961-LPAR	PARAMETER SETTINGS,L
17	*AR	1961-PPAR	PARAMETER SETTINGS,PL
18	*AR	1961-RPAR	PARAMETER SETTINGS,R
19	1	1975-412A	PLATE,NUT,4-40,.95CTC
20	1	98205010	BRKT,SENSOR,982A
21	1	FFSM312LVQ	EYE,ELECTRIC,10-30VDC
22	5	MM132-1202	END CAP,SQUARE,BLACK
23	2	MM40450010	FASTENER,SLIDE LOCK
24	4	MMSLD-ECH	1/2" DIA RUBBER BUMPER
25	*10	SNB27140	NEELE,SIZE 140
26	4	SSHC01096	1/4-20 X 1-1/2 HHCS
27	2	SSM3236136	1/4-40 X 9/16" SOC CAP
28	2	SSPS70048	4-40 X 3/4 PAN HD SLOTTED
29	2	SSSC98032	10-32X1/2, SOC CAP
30	10	SSZS93032	SCREW, SHT.METAL 10 ZIP
31	24	WWFS1/4	WASHER,FLAT,SAE,1/4
32	2	WWFS10	WASHER, FLAT, #10, SAE
33	4	WWL1/4	WASHER,LOCK,1/4
34	2	WWL10	WASHER,LOCK,#10
35	*AR	ZZ11961E	TECHNICAL MANUAL
36	8	NNK1/4-20	NUT,HEX,KEP,1/4-20,W/LOCK
37	6	SSHC01128	1/4-20 X 2 HEX CAP
38	2	SSHC01144	HEX HEAD BOLTS
39	2	SSHC01048	1/4-20 X 3/4 HEX CAP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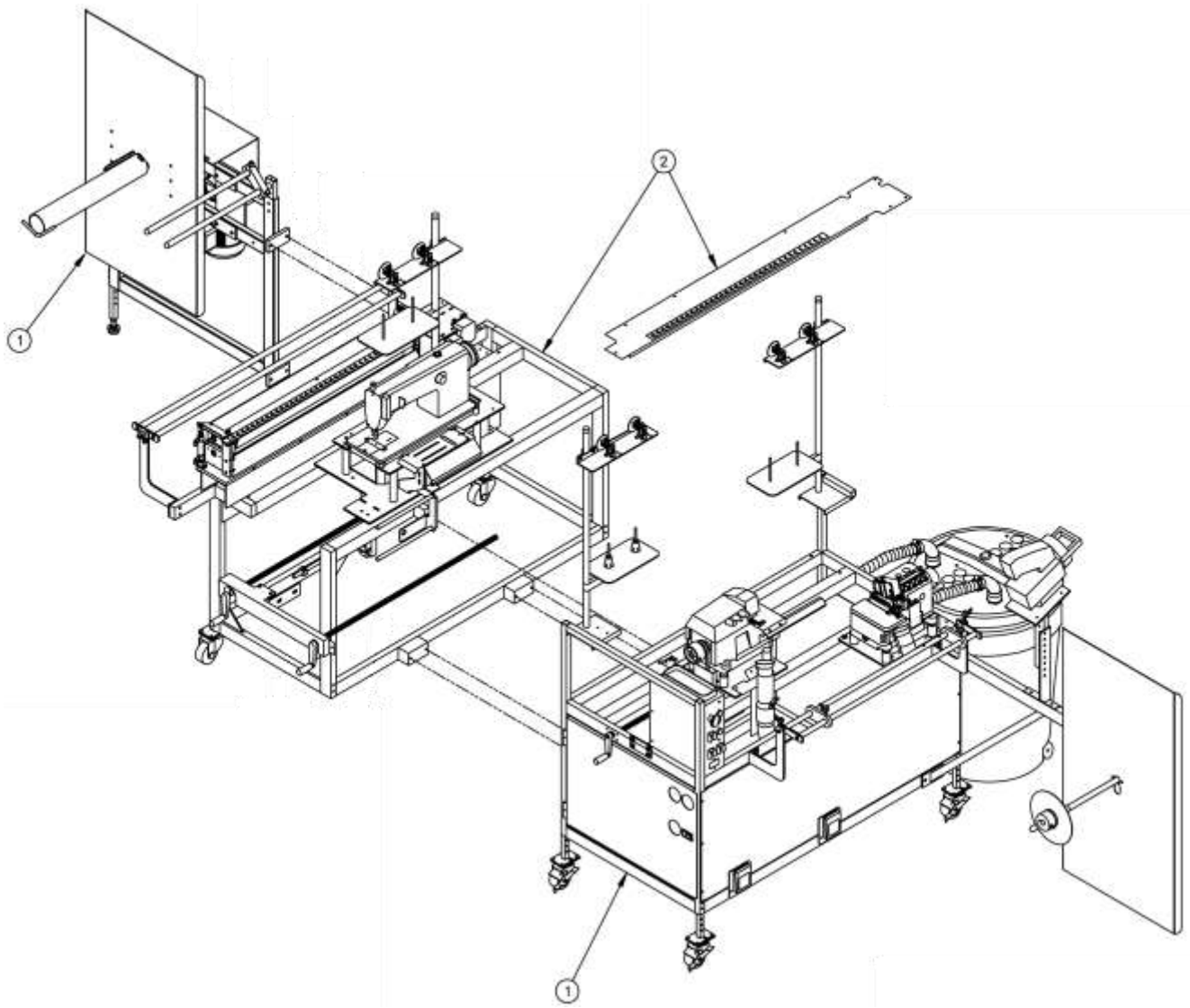
1961EG24EH Auto Border Sew, 36” Cap, H

AAC Drawing Number 9001951 Rev 3

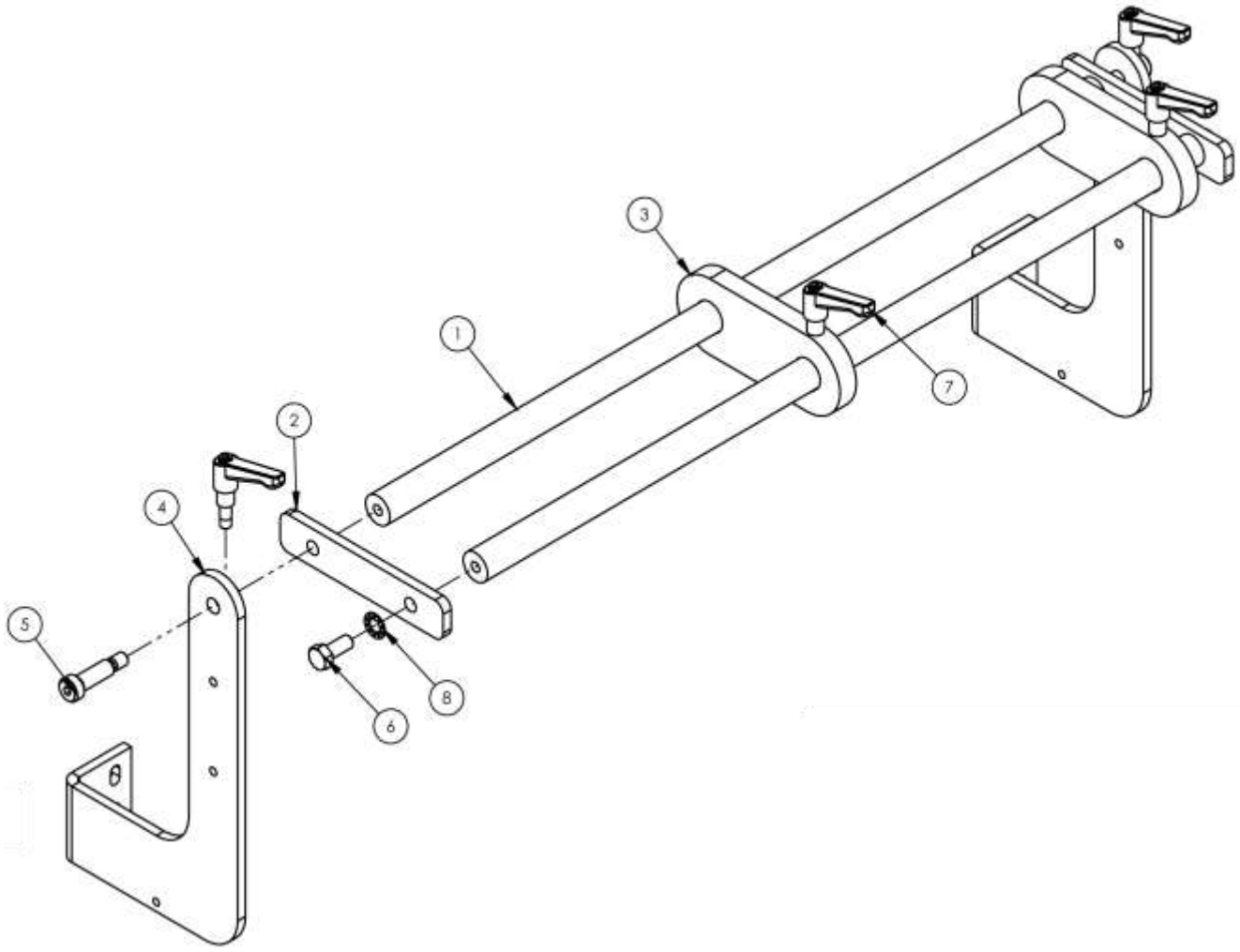
NO	QTY	PART #	DESCRIPTION
1	1	1961-001J	MAIN ASSY,HEAVY DUTY 36"
2	1	1961-151B	DOOR
3	1	1961-151C	DOOR
4	2	1961-152F	COVER,REAR
5	1	1961-155A	COVER,BELT
6	1	1961-161A	BRKT,BELT GUARD
7	1	1961-250H	PREFEED ASSEMBLY, 36" CAP
8	1	1961-320M	REWIND ASSY W/0 SLEEVE
9	1	1961-372E	SLEEVE, REWIND, 36" CAP
10	1	1961-374A	HANDLE, SLEEVE
11	1	1961-410A	POINTER,SERGE WIDTH
12	1	1961-500E	SEWING HEAD ASSY,LH
13	1	1961-500F	SEWING HEAD ASSEM. RH
14	1	1961-800D	WASTE ASSY, DUAL,
15	*AR	1961-900WD3	DIAGRAM, WIRING
16	*AR	1961-LPAR	PARAMETER SETTINGS,L
17	*AR	1961-PPAR	PARAMETER SETTINGS,PL
18	*AR	1961-RPAR	PARAMETER SETTINGS,R
19	1	1975-412A	PLATE,NUT,4-40@.96 CTC
20	1	26151	TRAY,SMALL TOOL,3X9
21	1	98205010	BRKT,SENSOR,982A
22	1	FFSM312LVQ	BANNER MINI-BEAM
23	5	MM132-1202	END CAP,SQUARE,BLACK
24	1	MM132-1496	PLUG 1 X 2
25	2	MM40450010	FASTENER,SLIDE LOCK
26	4	MMSLD-ECH	1/2" DIA RUBBER BUMPER
27	8	NNK1/4-20	NUT,HEX,KEP,1/4-20,W/LOCK
28	*10	SNB27140	NEELE,SIZE 140
29	4	SSHC01096	1/4-20 X 1-1/2 HHCS
30	6	SSHC01128	1/4-20 X 2 HEX CAP
31	2	SSHC01144	HEX HEAD BOLTS
32	2	SSM3236136	1/4-40 X 9/16" SOC CAP
33	2	SSPS70048	4-40 X 3/4 PAN HD SLOTTED
34	4	SSSC98024	10-32 X 3/8 SOC CAP
35	2	SSSC98032	10-32X1/2, SOC CAP
36	10	SSZS93032	SCREW, SHT.METAL 10 ZIP
37	22	WWFS1/4	WASHER,FLAT,SAE,1/4
38	6	WWFS10	WASHER, FLAT, #10, SAE
39	2	WWL1/4	WASHER,LOCK,1/4
40	6	WWL10	WASHER,LOCK,#10
41	*AR	ZZ11961E	TECHNICAL MANUAL



1961EGH-34 Auto Border 0-36, L&R Heads

AAC Drawing Number 190308C Rev 1

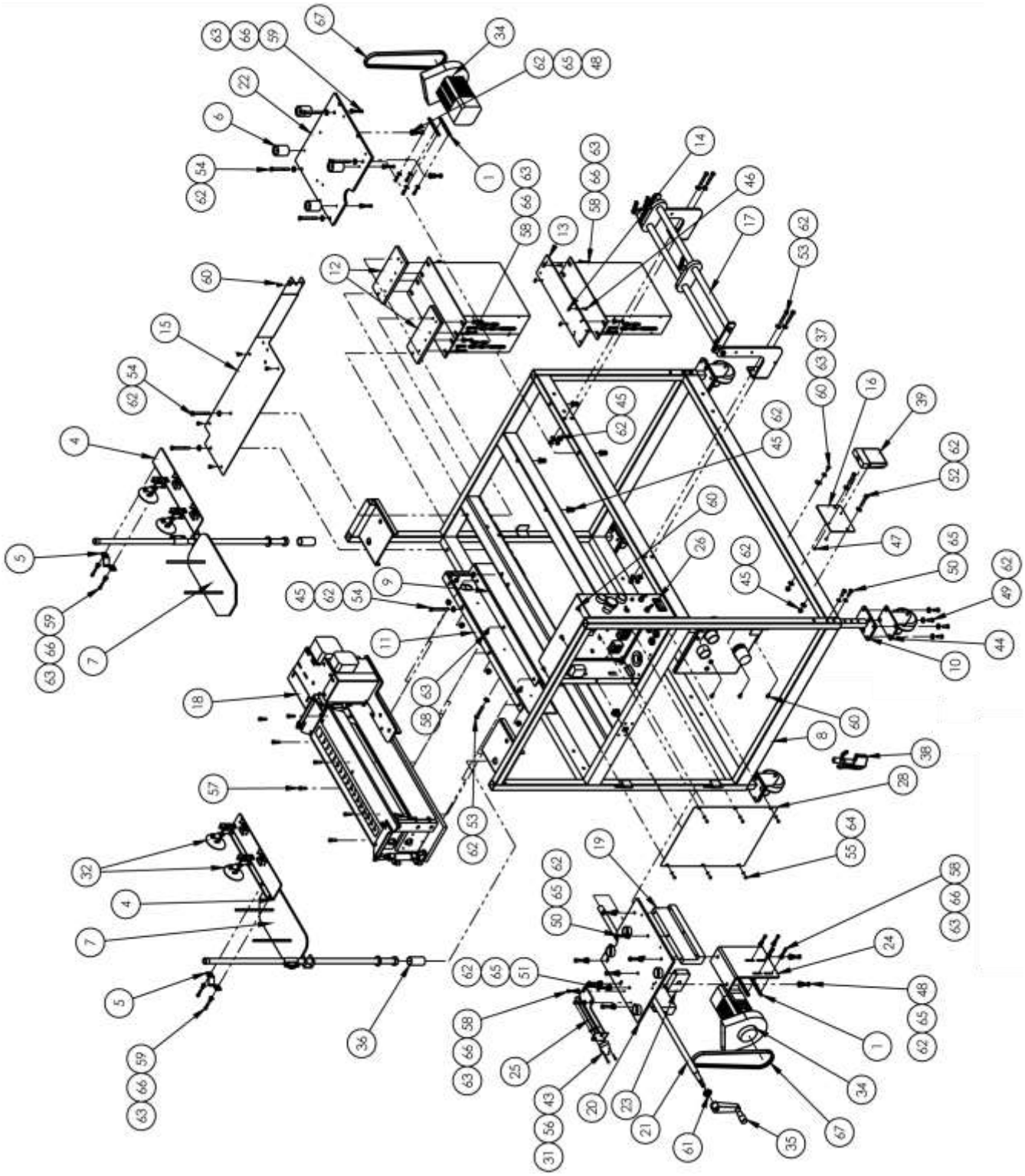
NO.	QTY	PART #	DESCRIPTION
1	1	11961EG24EH	AUTO BORDER SEW
2	1	1961-700B	FLANGER ASSY.
3	1	1961-E34PD	PNEUMATIC DIAGRAM
4	1	1961E-34WD	WIRING DIAGRAM



1961-210B Tension Rack Assembly, Aux, 18”

AAC Drawing Number 9001739 Rev 1

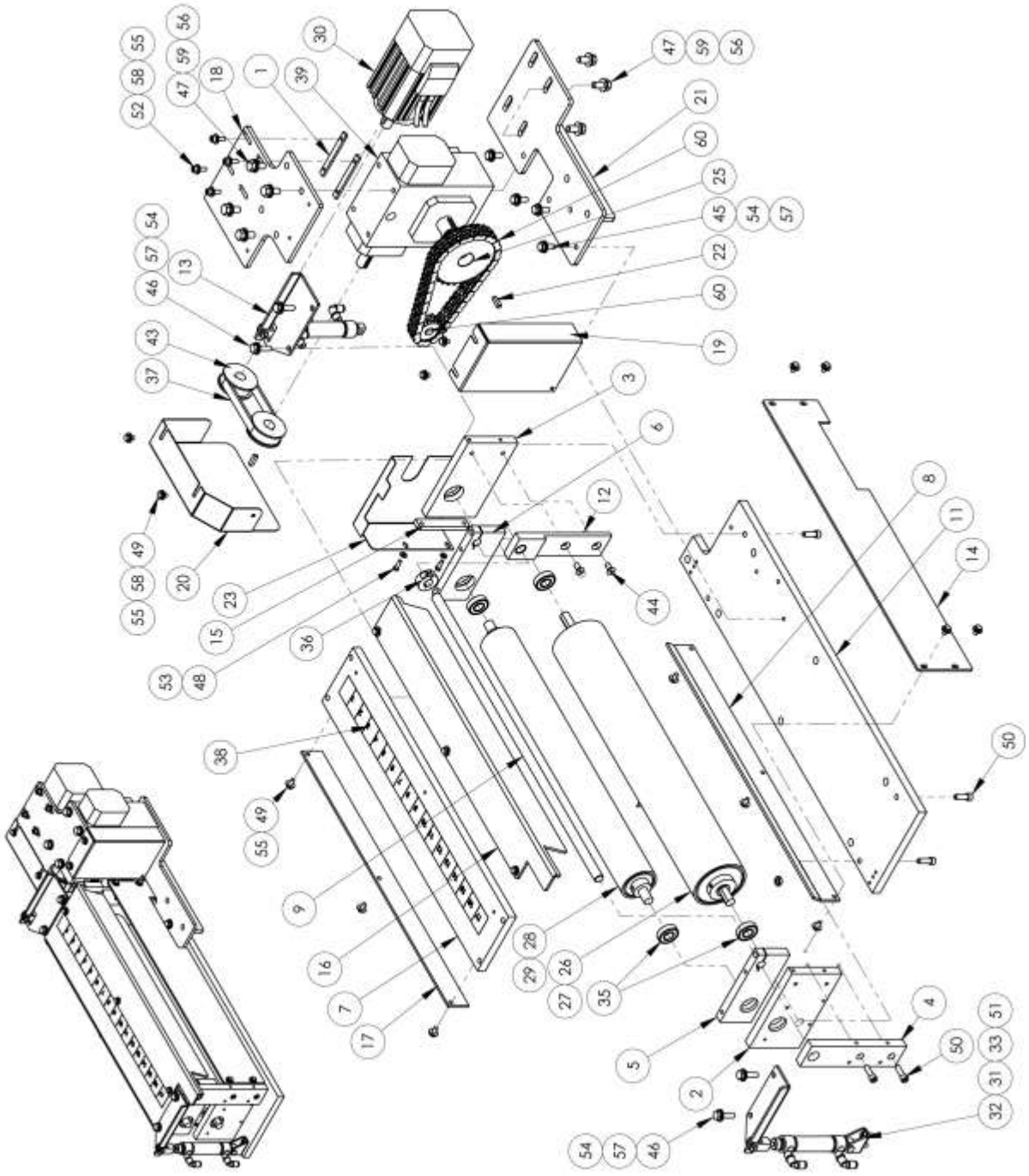
NO.	QTY	PART #	DESCRIPTION
1	2	1961-206A	ROD, MATERIAL TENSION
2	2	1961-207	PLATE, END
3	2	1961-211	PLATE, EDGE GUIDE
4	2	1961-403A	SUPPORT, GUIDE
5	2	SSAS024064	3/8 X 1 X 5/16-18 SHLD, BOLT
6	2	SSHC10048	5/16-18 X 3/4 HHCS
7	4	TTH32415	HANDLE,THREADED,1/4-20X7/
8	2	WWSI5/16	WASHER,INTERNAL TOOTH,5/16



1961-001H Main Assembly, Heavy Duty

AAC Drawing Number 9001806 Rev 13

NO.	QTY	PART #	DESCRIPTION	NO.	QTY	PART #	DESCRIPTION
1	2	97-2250A	SPACER, THREAD STAND	36	1	4059-EXT1	CABLE,18", 6 COND
2	4	0211-209	PLATE,NUT,10-32@2.25 CTC	37	1	4059-EXT2	CABLE,18", 4 COND
3	2	0211-702A	CABLE,POS. SENSOR,6'	38	4	1100321B	MOUNT,ISOLATOR
4	1	0211-705S	CABLE, TREADLE EXTENSION	39	1	AAF3/16	CLAMP, BLACK PLASTIC
5	2	0411-069B	BRKT, THREAD BREAK DETECT	40	1	AAVBG35C	BLOW GUN ASSY WITH HOSE
6	2	0411-070	CLAMP, SENSOR BRACKET	41	1	EE24F163	FOOTSWITCH, TREADLITE
7	1	951A-0844	CRANK HANDLE, MODIFIED	42	*2	EEDC15X15	DUCT,WIRE COVER,1.5
8	2	1959-112	2 POS THREAD PLATE ASSY	43	*2	EEDE15X15	DUCT,WIRE,1.5X1.5
9	1	1961-100B	FRAME,AUTO BORDER,18" CAP	44	1	FFRK44T-4	CABLE,EYE,12',NO END
10	1	1961-111A	SUPPORT, CUTTER	45	1	FFSM312LVQ	EYE,ELECTRIC,10-30VDC
11	4	1961-115	LEG WELDMENT	46	4	MM427-3RB	CASTER,SWIVEL,3"RUBBER
12	1	1961-121A	SUPPORT, PULLER	47	19	NNK1/4-20	NUT,HEX,KEP,1/4-20,W/LOCK
13	2	1961-122	MT, DUAL MOTOR CONTROL	48	4	SSFC80040	SCREW, SOC HD, 6-32 X 5/8
14	1	1961-125	BRKT,EFKA BOX HANG MOUNT	49	2	SSFS80016	6-32 X 1/4, FLAT SLOT
15	4	1961-126	PLATE, NUT, 6-32, 1PL	50	4	SSHC01032	1/4-20 X 1/2 HHCS
16	1	1961-154B	COVER,BELT,RH	51	16	SSHC01040	1/4-20 X 5/8 HHCS
17	1	1961-159	PLATE, MOUNT, FOOT PEDAL	52	14	SSHC01048	1/4-20 X 3/4 HEX CAP
18	1	1961-210B	TENSION RACK ASS,AUX,18"	53	2	SSHC01056	1/4-20 X 7/8 HEX CAP
19	1	1961-300EB	PULLER ASSY,18",WORM GEAR	54	2	SSHC01096	1/4-20 X 1-1/2 HHCS
20	2	1961-401	RAIL,GUIDE	55	6	SSHC01112	HEX HEAD BOLT 1/4-20X1.75
21	1	1961-405C	PLATE,LEFT HEAD W/MOTOR	56	8	SSHC01160	1/4-20 X 2-1/2 HHCS
22	1	1961-406A	ROD, HEAD LOCATION, ADJ.	57	6	SSPP80016	#6-32X1/4 PAN PHILLIPS
23	1	1961-409B	PLATE, MOUNT, RIGHT HEAD	58	2	SSPS70048	4-40 X 3/4 PAN HD SLOTTED
24	1	1961-412A	BLOCK,INDEX,LEFT HEAD	59	7	SSSC01048	1/4-20 X 3/4" SOC CAP SC
25	2	1961-421	MT,MOTOR,EFKA	60	25	SSSC98032	10-32X1/2, SOC CAP
26	1	1961-424	MOUNT, POSITION EYE	61	8	SSSC98048	10-32 X 3/4 SOC CAP
27	1	1961-900D	CONTROL BOX	62	13	SSZS93032	SCREW, SHT.METAL 10 ZIP
28	*AR	1961-900WD3	DIAGRAM, WIRING	63	2	UUFF723-05	BEARING,BRONZE,.505ID
29	1	1961-903A	COVER, ELECTRICAL PANEL	64	63	WWFS1/4	WASHER,FLAT,SAE,1/4
30	*AR	1961LAB3	LABEL	65	6	WWFS6	WASHER, FLAT, #6
31	*AR	1961PD1	DIAGRAM, PNEUMATIC	66	34	WWFS10	WASHER, FLAT, #10, SAE
32	1	1975-412A	PLATE,NUT,4-40,.95CTC	67	20	WWL1/4	WASHER,LOCK,1/4
33	4	4003-IS3WT2	SENSOR,THREAD BREAK	68	30	WWL10	WASHER,LOCK,#10
34	2	4003-MA3/FE	CABLE,8 FT,3 FEM	69	2	ZX3827	V-BELT,3/8 X 27"
35	2	4059-DC1500	MOTOR,DC WITH CONTROLLER				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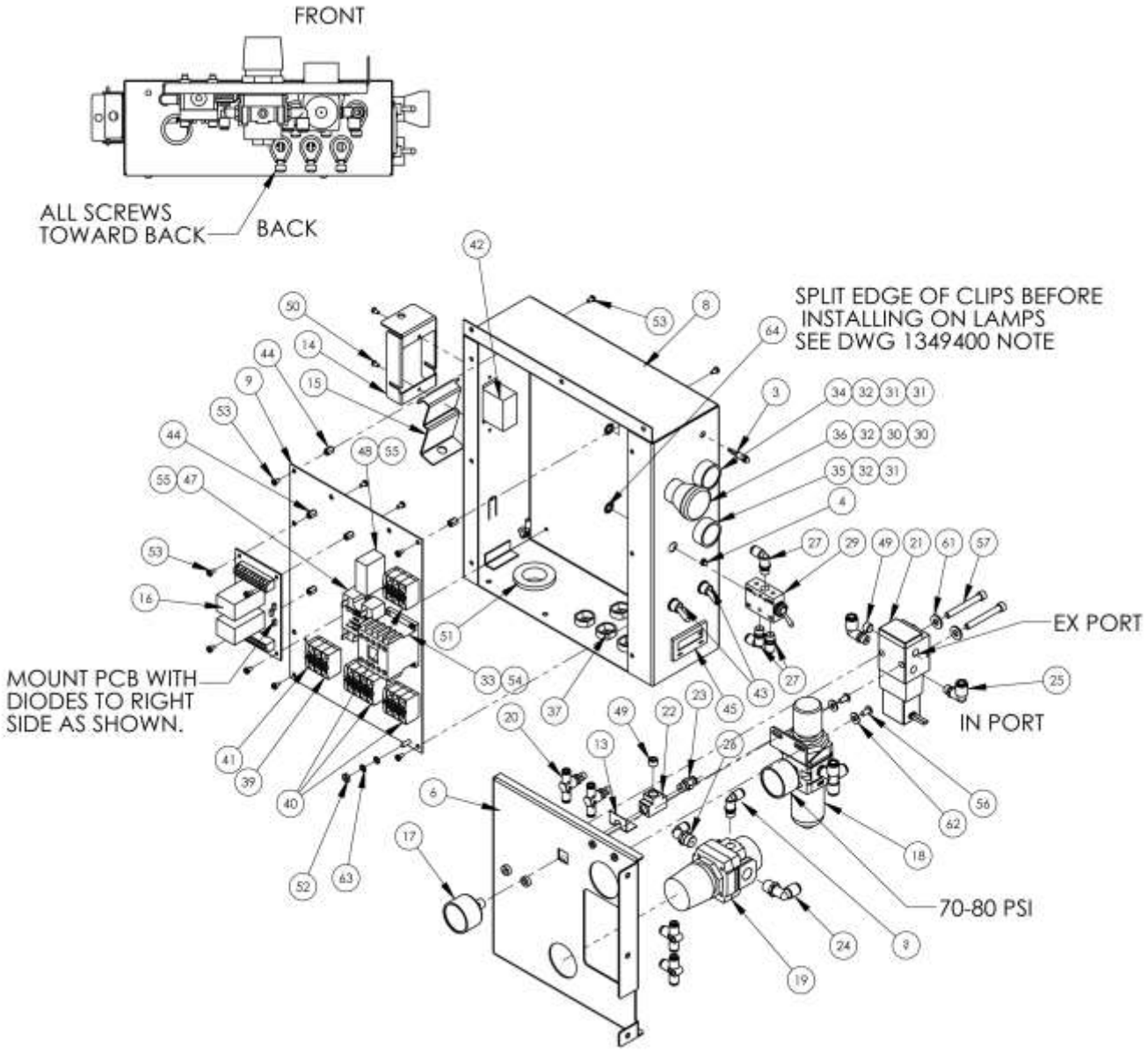
1961-300EB Puller Assembly, 18" , Worm Gear

AAC Drawing Number 9000847 Rev 7

NO	QTY	PART #	DESCRIPTION	NO	QTY	PART #	DESCRIPTION
1	2	0211-209	PLATE,NUT,10-32@2.25 CTC	31	2	AAC7DP-1	CYL.,AIR,DA 3/4 BORE,1STR
2	1	1961-302	LEFT SIDE PLATE	32	2	AAFBP-11C	BRKT,PIVOT,1/4 BORE
3	1	1961-303	PLATE,RIGHT SIDE,PULLER	33	2	AAFCT-7	HUMPHREY CLEVIS
4	1	1961-304	HINGE PLATE,PULLER	34	4	AAQME-5-8	QUICK MALE ELBOW
5	1	1961-305	TOP,LEFT SIDE,PULLER	35	4	BB1L005	BEARING,BALL,.500D
6	1	1961-306	TOP,RIGHT SIDE,PULLER	36	1	CCCL8F	CLAMP COLLAR- 1/2
7	1	1961-307A	PLATE,TOP,PULLER	37	1	GG124L050	BELT, 3/8P,, 1/2W
8	1	1961-309A	GUARD,ROLLER	38	1	MM1910A22M	RULER,SILVER MYLAR 18"
9	1	1961-311A	ROD,STRIAIGHT,CRS,1/2X21	39	1	MM20U1-30M1	WORM, REDUCE,30:1,RH
10	1	1961-312A	BRKT,LIFT,LEFT	40	1	MMD35CL	MASTER LINK,DBL,#35
11	1	1961-313A	PLATE,BASE,PULLER	41	2	NNJ1/4-28	NUT, HEX, JAM, 1/4-28
12	1	1961-314	PLATE,HINGE,PULLER	42	1	PP14LF050M1	PULLEY,3/8P,14T,5/8 BORE
13	1	1961-315A	BRKT,LIFT	43	1	PP14LF050M2	PULLEY,3/8P,14T,5/8 BORE
14	1	1961-316A	GUARD,BOTTOM	44	2	SSFC01032	1/4-20 X 1/2 FLAT ALN CAP
15	1	1961-323	SPACER, ALUM, 1/4	45	4	SSHC01048	1/4-20 X 3/4 HEX CAP
16	1	1961-363A	GUARD,TOP	46	4	SSHC01064	1/4-20 X 1 HHCS
17	1	1961-371A	GUARD,ROLLER	47	8	SSHC10048	5/16-18 X 3/4 HHCS
18	1	1961022	MTG. PLT, EFKA MOTOR	48	2	SSHC90032	#8-32 X 1/2 HEX CAP
19	1	1961024	GUARD, WORM DRIVE	49	17	SSHC98024	10-32 X 3/8 HEX CAP
20	1	1961025	GUARD, EFKA MOTOR	50	6	SSSC01048	1/4-20 X 3/4" SOC CAP SC
21	1	1961027	PLATE,MNT,WORM DRIVE	51	4	SSSC98032	10-32X1/2, SOC CAP
22	2	1961028	KEY, 3/16 SQ X 11/16 LG	52	4	SSSC98040	10-32 X 5/8 SOC CAP
23	1	1961058	COVER, ROLLER DRIVE BELT	53	2	WWF8	WASHER, FLAT, #8
24	1	1961100	SPROCKET, 12T, 35, DBL, M	54	8	WWFS1/4	WASHER,FLAT,SAE,1/4
25	1	1961101	SPROCKET, 30T, 35, DBL,	55	21	WWFS10	WASHER, FLAT, #10, SAE
26	1	33005603D4	PULLER,ROLLER,18" CAP	56	8	WWFS5/16	WASHER,FLAT,SAE,5/16
27	1	33005603D5	SHAFT,PREFEED DRIVE,18"	57	8	WWL1/4	WASHER,LOCK,1/4
28	1	33005652D4	ROLLER,IDLER,18" CAP	58	15	WWL10	WASHER,LOCK,#10
29	1	33005652D5	SHAFT,PREFEED IDLER,18"	59	8	WWL5/16	WASHER,LOCK, 5/16
30	1	4059-DC1500	MOTOR & CONTROLLER	60	10.5	AAC7DP-2	CYL.,AIR,DA 3/4 BORE,1STR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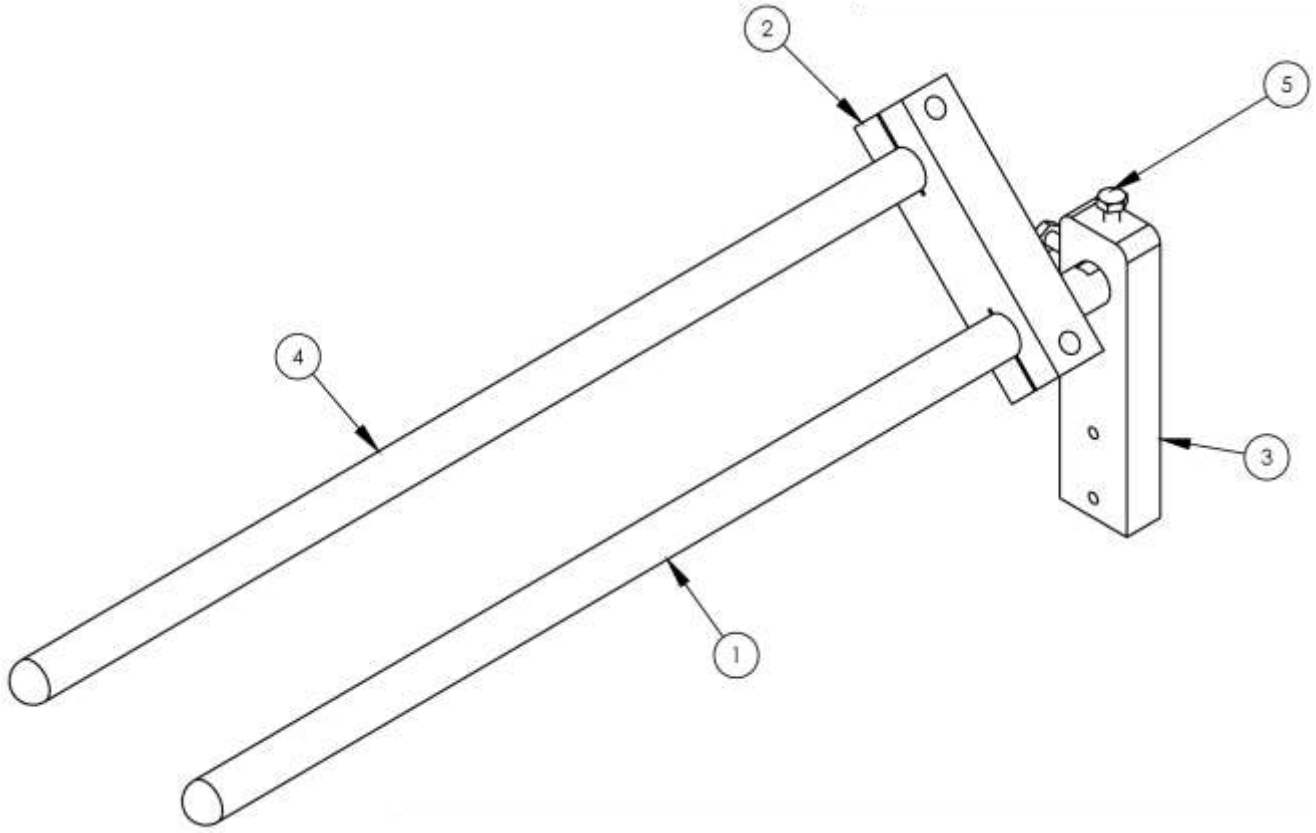
1961-900D Control Box

AAC Drawing Number 9001726 Rev 3

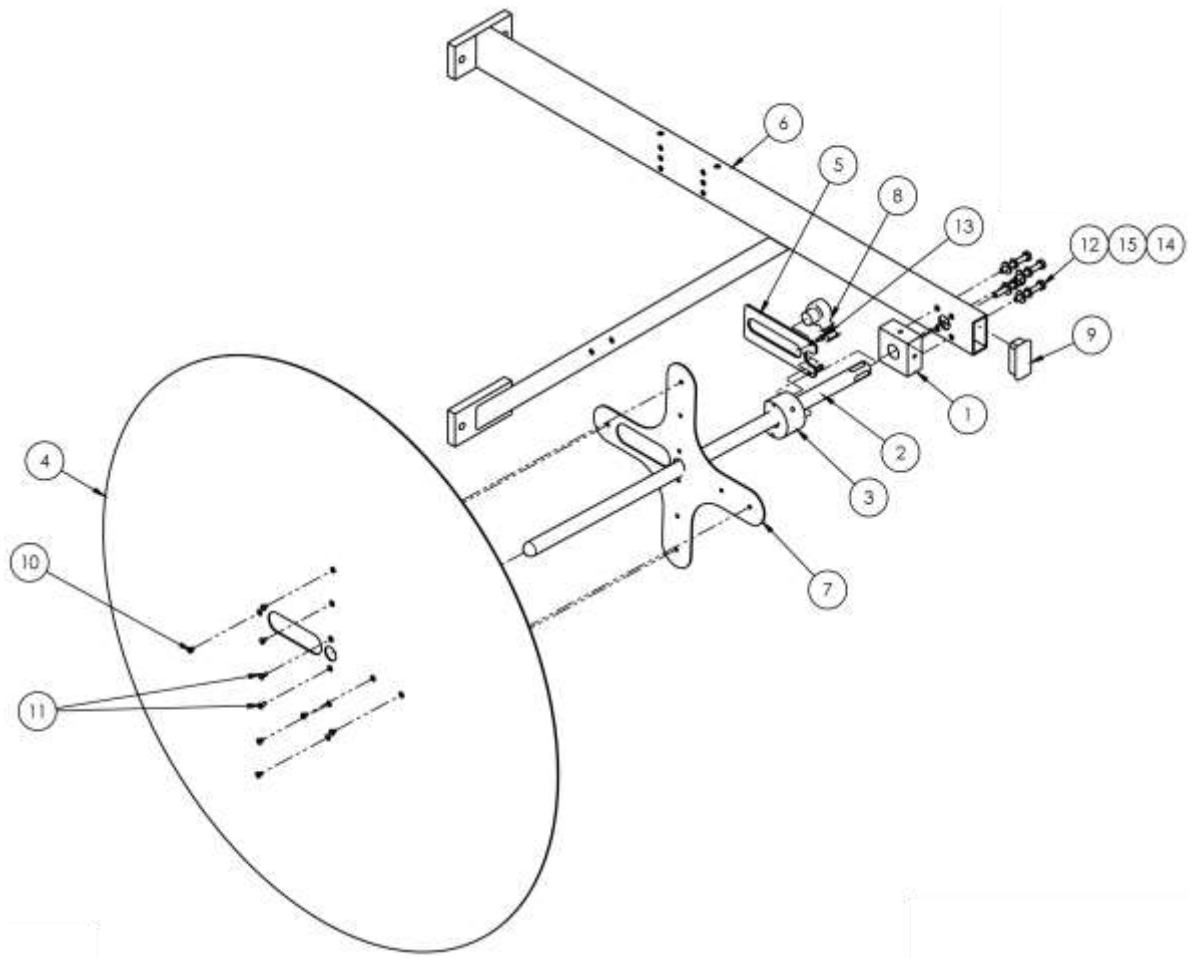
NO	QTY	PART #	DESCRIPTION	NO	QTY	PART #	DESCRIPTION
1	1	0211-703B	CABLE, LEFT CONTROL BOX	33	1	EECA491024	CONTACTOR, MINI, 240V
2	1	0211-705B	CABLE, TREADLE	34	1	EEPF3	BUTTON, PUSH 22MM, GREEN MO
3	1	0411-1950C	CABLE,LED,YELLOW,24VDC	35	1	EEPF4	BUTTON, PUSH 22MM, RED
4	1	0411-1950D	LED,RED,24VDC	36	1	EEPMTS44	E-STOP BUTTON, TWIST REL.
5	AR	1961-900WD3	DIAGRAM, WIRING	37	7	FF1724	STRAIN RELIEF
6	1	1961-904B	MOUNT, REGULATORS	38	1	FF1N4007	DIODE
7	1	1961-909A	CABLE, FOOT PRDAL	39	10	FF264-341	TERMBLK,WAGO,TOP,DUAL,GRY
8	1	1961-912A	CONTROL PANEL	40	3	FF264-347	TERMBLK,WAGO,TOP,DUAL,GRN
9	1	1961-913A	SUB PANEL	41	4	FF264-371	TERMBLK,WAGO,TOP,END
10	1	1961-914A	CABLE, RELAY	42	1	FF3120L420A	CIRCUIT BREAKER, THERMAL
11	AR	1961LAB3	LABEL	43	2	FF34576Q	SW, TOGGLE DPDT 20A
12	AR	1961PD1	DIAGRAM, PNEUMATIC	44	8	FF67F4078	SPACER,THREADED 3/8 L
13	1	31103701	BRKT,PRESSURE GAUGE	45	1	FF79998861	HOUR METER, 8 DIGIT LCD
14	1	40-322	BOTTOM, AC POWER LOCKOUT	46	1	FF81F4591	FASTON,PIGGY BACK,1/4"
15	1	40-323	TOP, AC POWER LOCKOUT	47	1	FFD2425F	RELAY,SSR,24VAC,25A
16	1	4000D-02	PC BOARD, RELAY	48	1	FFRAV781BW	MODULE, TVS, 240 VAC
17	1	AA198-503	0-30PSI AIR GAGE 1/8NPT	49	2	MM4554K11	PLUG, 1/8" PIPE
18	1	AA198-5102	REGULATOR W/GAUGE & NUT	50	2	MM4X641	1/8" RIVET ALUM
19	1	AA198-RP3	REGULATOR,PRECISION AIR	51	1	MM9280K33	GROMMET,FLANGE,1.03 ID
20	2	AA2001F-03	FLOW CONTROL,INLINE,5/32	52	1	NNH8-32	HEX-NUT 8-32 REG.
21	1	AAE711C24D	AIR VALVE	53	16	SSPP80016	#6-32X1/4 PAN PHILLIPS
22	1	AAF10289	T-FITTING 1/4" NPT	54	2	SSPP80024	#6-32X3/8 PAN PHILLIPS
23	1	AAQMC-5-8	QU. MALE CONN 5/32X1/8	55	3	SSPP90024	8-32X3/8 PAN PHLPS
24	1	AAQME-4-4	ELBOW, MALE,1/4X1/4NPT	56	2	SSPP98024	10-32 X 3/8 PAN HD PHILIP
25	2	AAQME-4-8	QUICK MALE ELBOW, 1/4T	57	2	SSSC01128	1/4-20 X 2 SOC CAP
26	1	AAQME-5-4	ELBOW, MALE 5/32X1/4NPT	58	7	TT1825	FEMALE, QUICK SLIDE
27	4	AAQME-5-8	QUICK MALE ELBOW	59	19	TT1825-1	FEMALE, QUICK SLIDE,1/4
28	2	AAQUT-5-5	UNION TEE 5/32	60	1	TT5811	TERMINAL,RING,#10 STUD
29	1	AAV41V	VALVE,TOGGLE	61	2	WWFS1/4	WASHER,FLAT,SAE,1/4
30	2	EE3X01	BLOCK,P.B. CONTACT, N.C.	62	2	WWFS10	WASHER, FLAT, #10, SAE
31	3	EE3X10	BLOCK,P.B. CONTACT, N.O.	63	2	WWSI8	WASHER,INT. TOOTH,8
32	3	EEA3L	LATCH,PUSH BUTTON	64	2	MM98430A120	EXT SELF-LOCKING RET RING



1961-210G Tension Rack, Puller, 18”

AAC Drawing Number 9001663 Rev 2

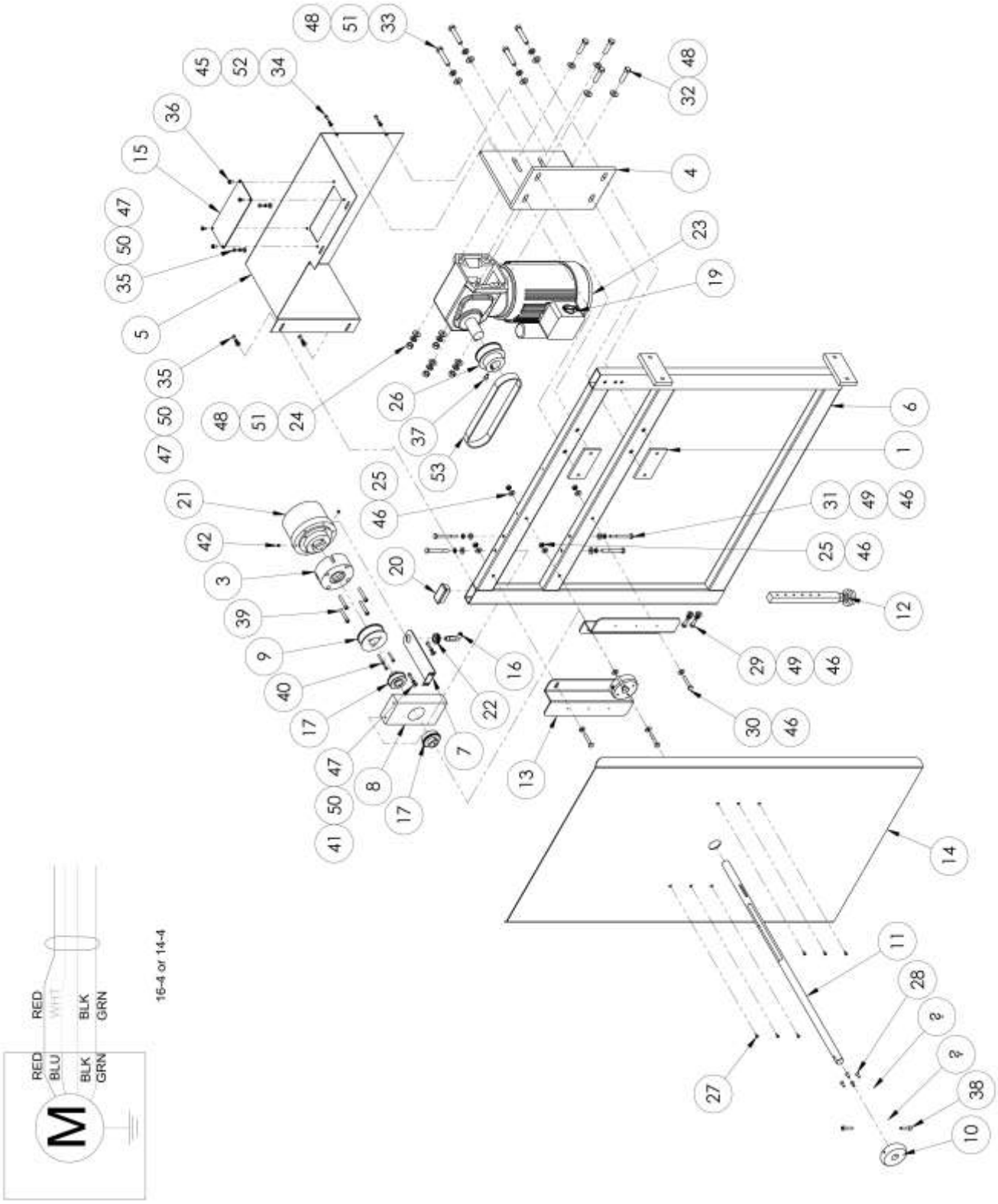
NO.	QTY	PART #	DESCRIPTION
1	1	1961-252	ROD,ROLL,SST,3/4X21 W/RAD
2	1	1962-3201	CLAMP,3/4ROD,3"CTC
3	1	1962-3202A	SUPPORT, TENSION PULLER
4	1	33008202	ROD,ROLL,SST,3/4X21 W/RAD
5	2	SSHC01064	1/4-20 X 1 HHCS



1961-250C Prefeed Assembly

AAC Drawing Number 9001643 Rev 3

NO.	QTY	PART #	DESCRIPTION
1	1	1961-251C	HUB UNWIND SHAFT
2	1	1961-252A	ROD,ROLL,SST,3/4"x24
3	1	1961-253	HUB, UNWIND STAND
4	1	1961-254	DISC 32 DIA.
5	1	1961-255	BRACKET, SENSOR MTG
6	1	1961-256	FRAME, SPINDLE HOLDER
7	1	1961-258	SUPPORT, DISC
8	1	FFT18FF100Q	EYE,FIXED FIELD, 4IN
9	1	MM132-1496	PLUG 1 X 2
10	7	SSFC80016	SCR,FLAT HD,CAP,6-32 X 1/4
11	2	SSFC80024	6-32 X 3/8 FLAT CAP
12	4	SSHC01112	HEX HEAD BOLT 1/4-20X1.75
13	2	SSSC80016	6-32 X 1/4 SOC CAP SC
14	4	WWFS1/4	WASHER,FLAT,SAE,1/4
15	4	WWL1/4	WASHER,LOCK,1/4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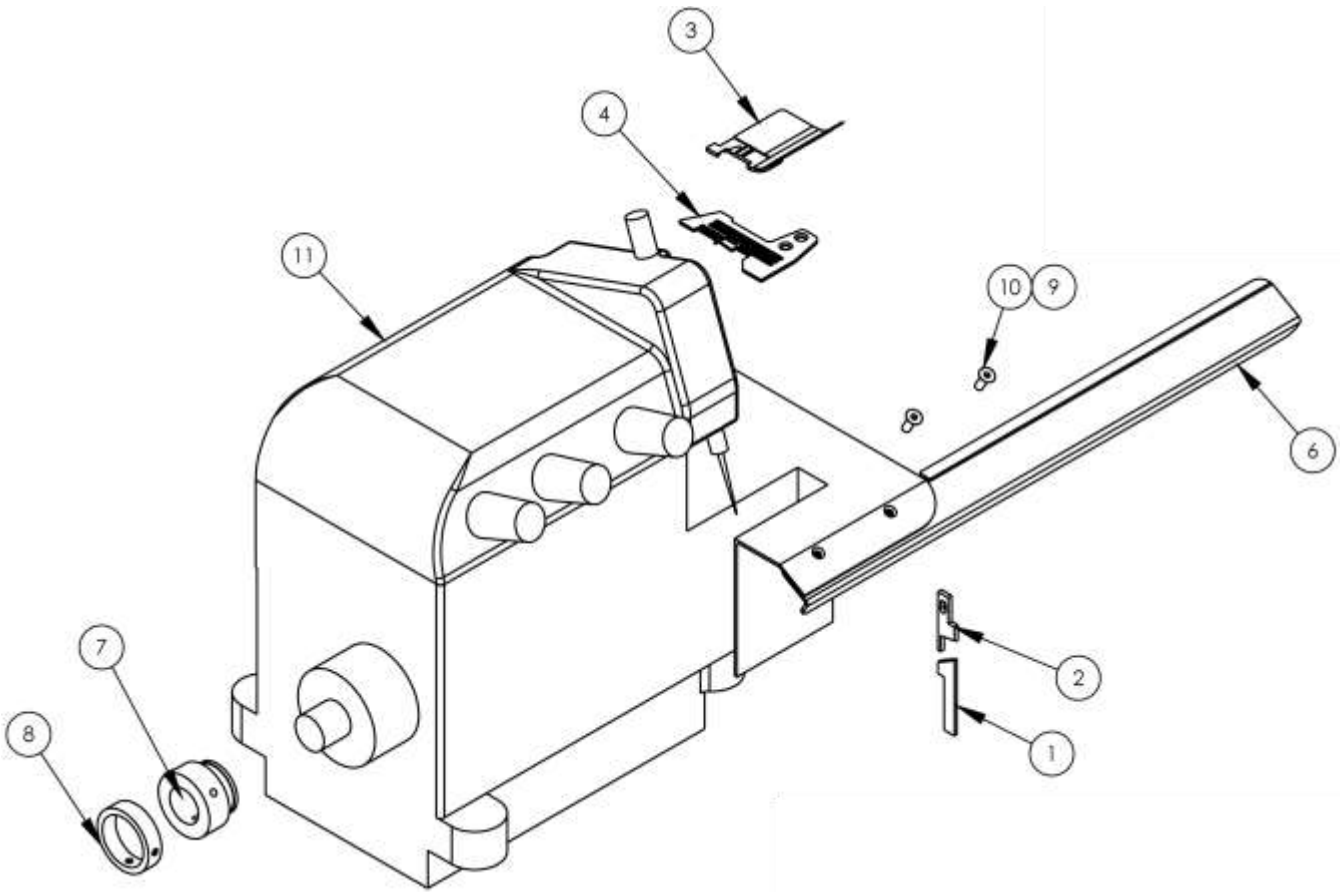
1961-320M Rewind Assembly W/O Sleeve

AAC Drawing Number 9001619 Rev 5

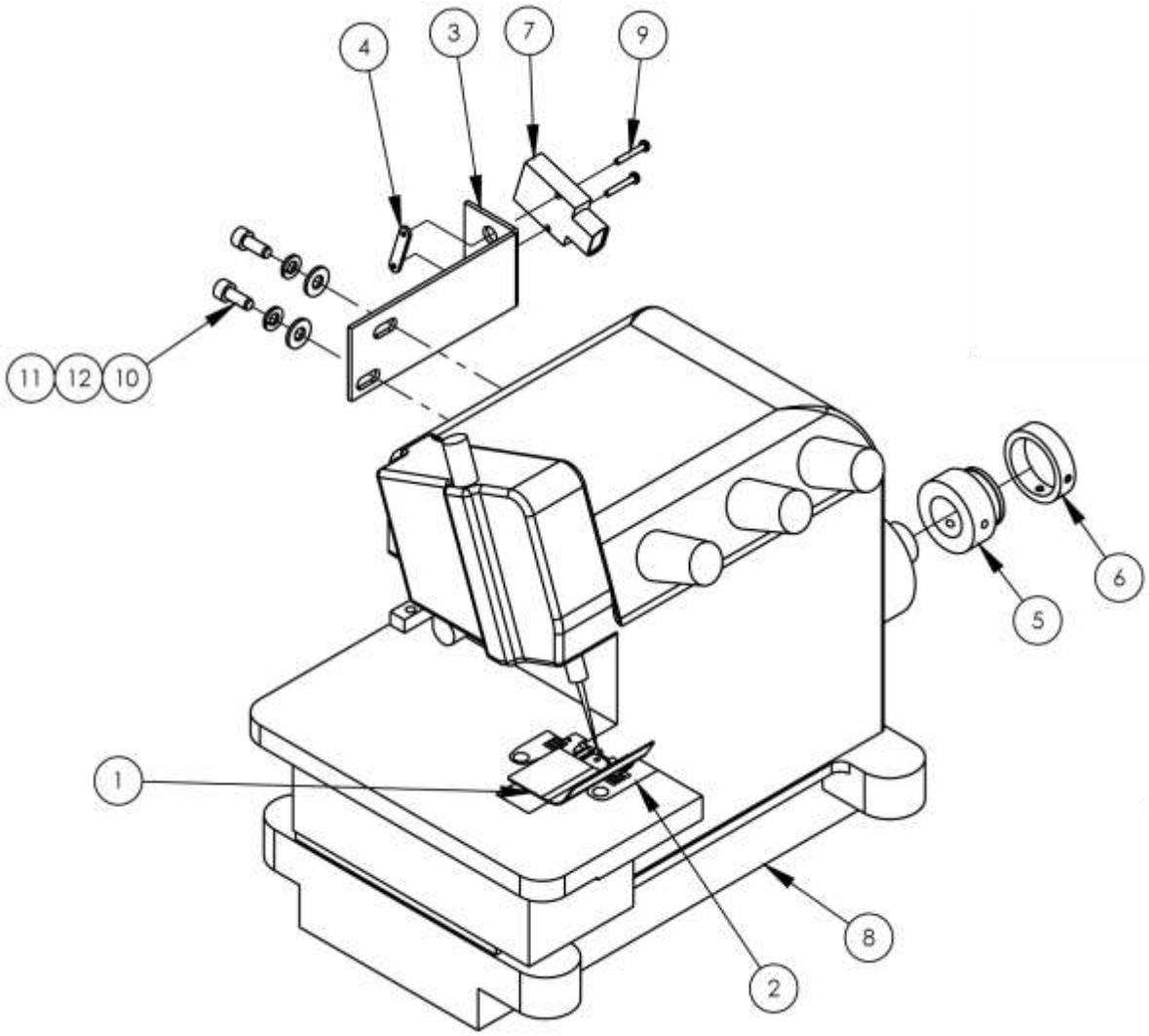
NO	QTY	PART #	DESCRIPTION	NO	QTY	PART #	DESCRIPTION
1	2	1961-319	PLATE,NUT,3/8-16@3.00 CTC	28	4	SSFC98032	10-32 X 1/2 FLAT ALLEN CAP
2	*AR	1961-320SWD	WIRING DIAGRAM,1/2HP MTR	29	2	SSHC01048	1/4-20 X 3/4 HEX CAP
3	1	1961-321	PLATE, ADAPTOR, AIR CLUTC	30	4	SSHC01096	1/4-20 X 1-1/2 HHCS
4	1	1961-331	MOUNT,MOTOR	31	4	SSHC01160	1/4-20 X 2-1/2 HHCS
5	1	1961-332	COVER,MOTOR	32	4	SSHC25096	3/8-16 X 1 1/2 HHCS
6	1	1961-335	FRAME, PREFEED & REWIND A	33	4	SSHC25128	3/8-16 X 2 HEX CAP
7	1	1961-354B	SUPPORT, AIR CLUTCH	34	2	SSPP90024	8-32X3/8 PAN PHLPS
8	1	1961-365B	BLOCK, BEARING MOUNT	35	4	SSPP98032	10-32 X 1/2 PAN PHIL
9	1	1961-366A	PULLEY,CLUTCH,22 TH,3/8 P	36	4	SSPS95024	#10-24 X 1/4 PAN HD SLTD
10	1	1961-379	SUPPORT,REWIND SLEEVE	37	1	SSSC01024	1/4-20 X 3/8 SOC CAP SC
11	1	1962-375	SHAFT, AIR CLUTCH, MM8028	38	2	SSSC01064	1/4-20 X 1 SOC CAP
12	1	26238	LEG SUB-ASSEMBLY	39	4	SSSC01096	1/4-20 X 1-1/2 SOC CAP
13	2	1334326	MOUNT, FLANGE	40	3	SSSC90064	#8-32 X 1 SOC CAP SC
14	1	1334376	PLATE, REWIND,24 X 40	41	2	SSSC98032	10-32X1/2, SOC CAP
15	1	1961104	COVER, INSPECTION	42	2	SSSS01016	1/4-20 X 1/4 KNURL PT
16	1	AAQMEL-5-8	QUICK MALE ELBOW,LONG	43	1	TT5802	TERMINAL RING, #10 STUD
17	2	BBS8703-88	BEARING,BALL,.75IDX1.75OD	44	3	W1061-3	NUT, WIRE
18	*12	EE16-4	CABLE,4 COND,16 AWG, SJO	45	2	WWF8	WASHER, FLAT, #8
19	1	K-235A	CONNECTOR,ROMEX,3/4"	46	14	WWFS1/4	WASHER,FLAT,SAE,1/4
20	1	MM132-1496	PLUG 1 X 2	47	6	WWFS10	WASHER, FLAT, #10, SAE
21	1	MM802860	CLUTCH,AIR,3/4 BORE,4.5"D	48	12	WWFS3/8	WASHER,FLAT,SAE,3/8
22	1	MM9600K21	GROMMET,RUBBER,9/16 ID	49	6	WWL1/4	WASHER,LOCK,1/4
23	1	MMBH2LM22R	MOTOR,GEAR,R/A,220V	50	6	WWL10	WASHER,LOCK,#10
24	4	NNH3/8-16	NUT,HEX,3/8-16	51	8	WWL3/8	WASHER,LOCK, 3/8
25	4	NNK1/4-20	NUT,KEP,1/4-20	52	2	WWL8	WASHER,LOCK,#8
26	1	PP22LB075-1-1/8	PULLEY, GEAR, 3/8P, 22T	53	1	GG225L075	BELT, 3/8P, 60T, 3/4W
27	6	SSFC80024	6-32 X 3/8 FLAT CAP				



1961-500E Sewing Head Assembly

AAC Drawing Number 9001784 Rev 1

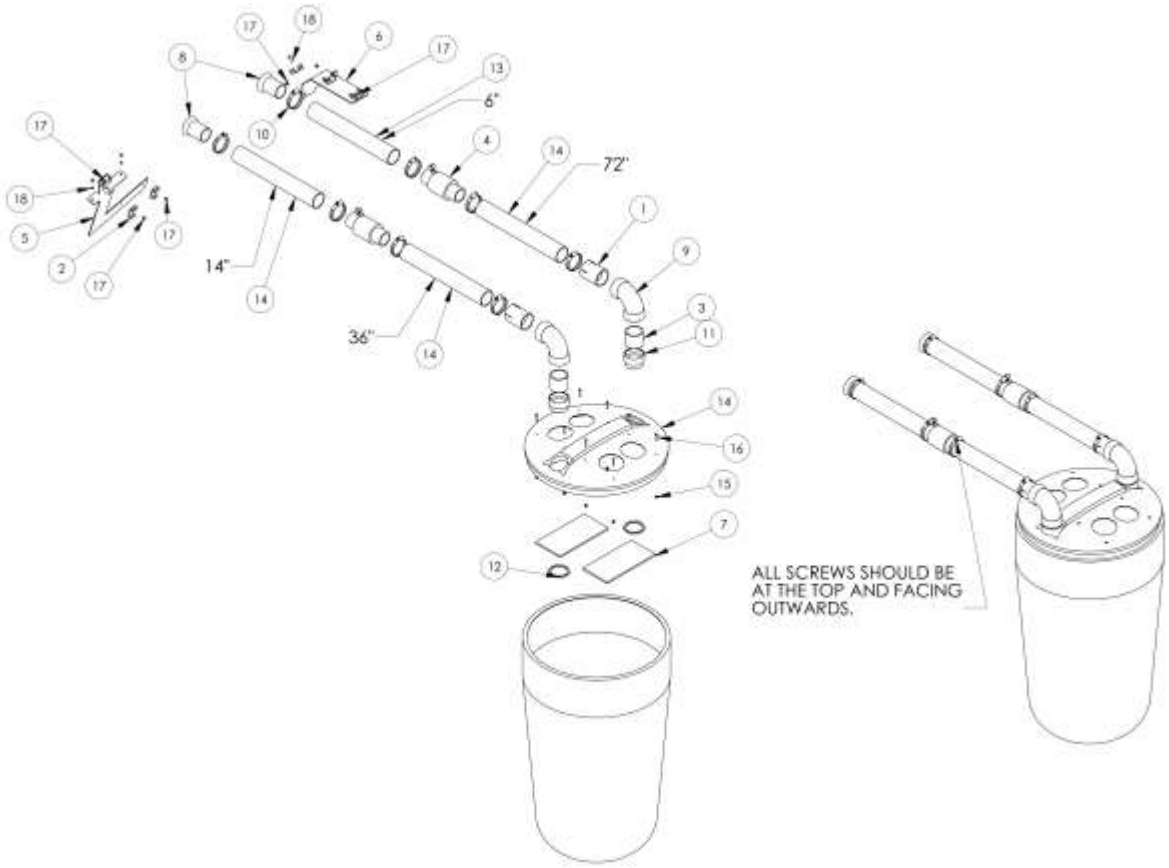
NO.	QTY	PART #	DESCRIPTION
1	2	1961-002	CUTTER,LOWER,LEFT HAND
2	2	1961-003	CUTTER,UPPER,LEFTHAND
3	AR	1961-411L	FOOT, L.H., MODIFIED
4	1	1961-419LHD	PLATE,NEEDLE,MOD,LH,HD
5	AR	1961-420	CLOTH PLATE,MOD.,LH
6	1	1961-523	ARM,CLOTH SUPPORT
7	1	311-128	HUB, HANDWHEEL, TAPE MOUN
8	1	311-129	SLEEVE TAPE MOUNT ADJUST
9	2	NNK10-32	KEP NUT, 10-32
10	2	SSFC98032	10-32 X 1/2 FLAT ALLEN CAP
11	1	SW&G503E52LH	SEWING HEAD, PEG, LH



1961-500F Sewing Head Assembly

AAC Drawing Number 9001620 Rev 2

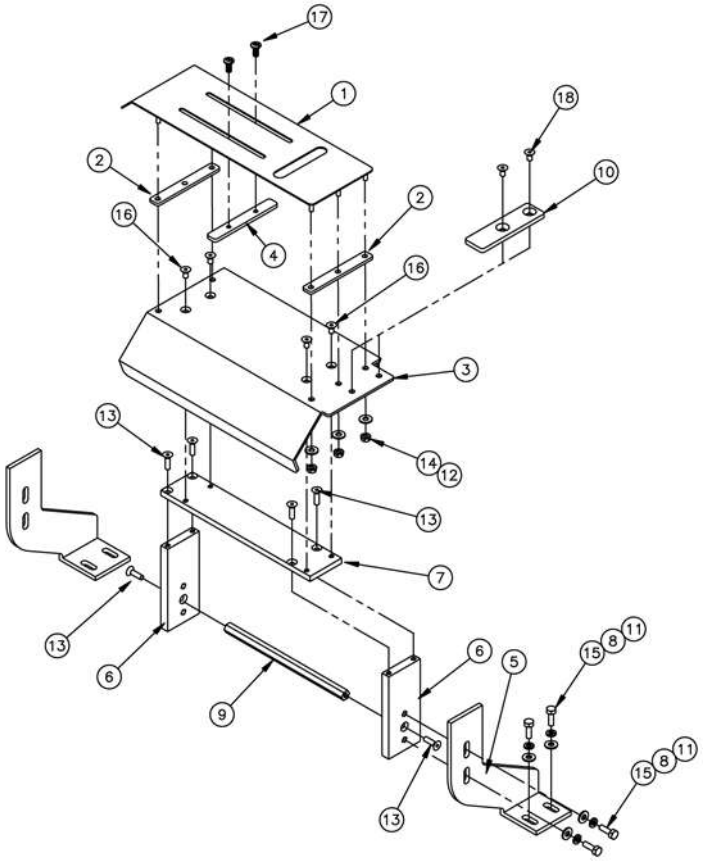
NO.	QTY	PART #	DESCRIPTION
1	AR	1961-411	FOOT, R.H., MODIFIED
2	AR	1961-419HD4	PLATE, NEEDLE, MOD HD 4 R
3	1	1962-424	EYE MOUNT, POS. 1 SENSOR
4	1	1975-412A	PLATE,NUT,4-40,.95CTC
5	1	311-128	HUB, HANDWHEEL, TAPE MOUN
6	1	311-129	SLEEVE TAPE MOUNT ADJUST
7	1	FFSM312LVQ	EYE,ELECTRIC,10-30VDC
8	1	spegex5203h	SEW HEAD,ST,NDL,DIFF,5MM
9	2	SSPS70048	4-40 X 3/4 PAN HD SLOTTED
10	2	SSSCM6X15	M6X15 SOC CAP SCREW
11	2	WWFS1/4	WASHER,FLAT,SAE,1/4
12	2	WWL1/4	WASHER,LOCK,1/4



1961-800D Waste Assembly

AAC Drawing Number 9001786 Rev 5

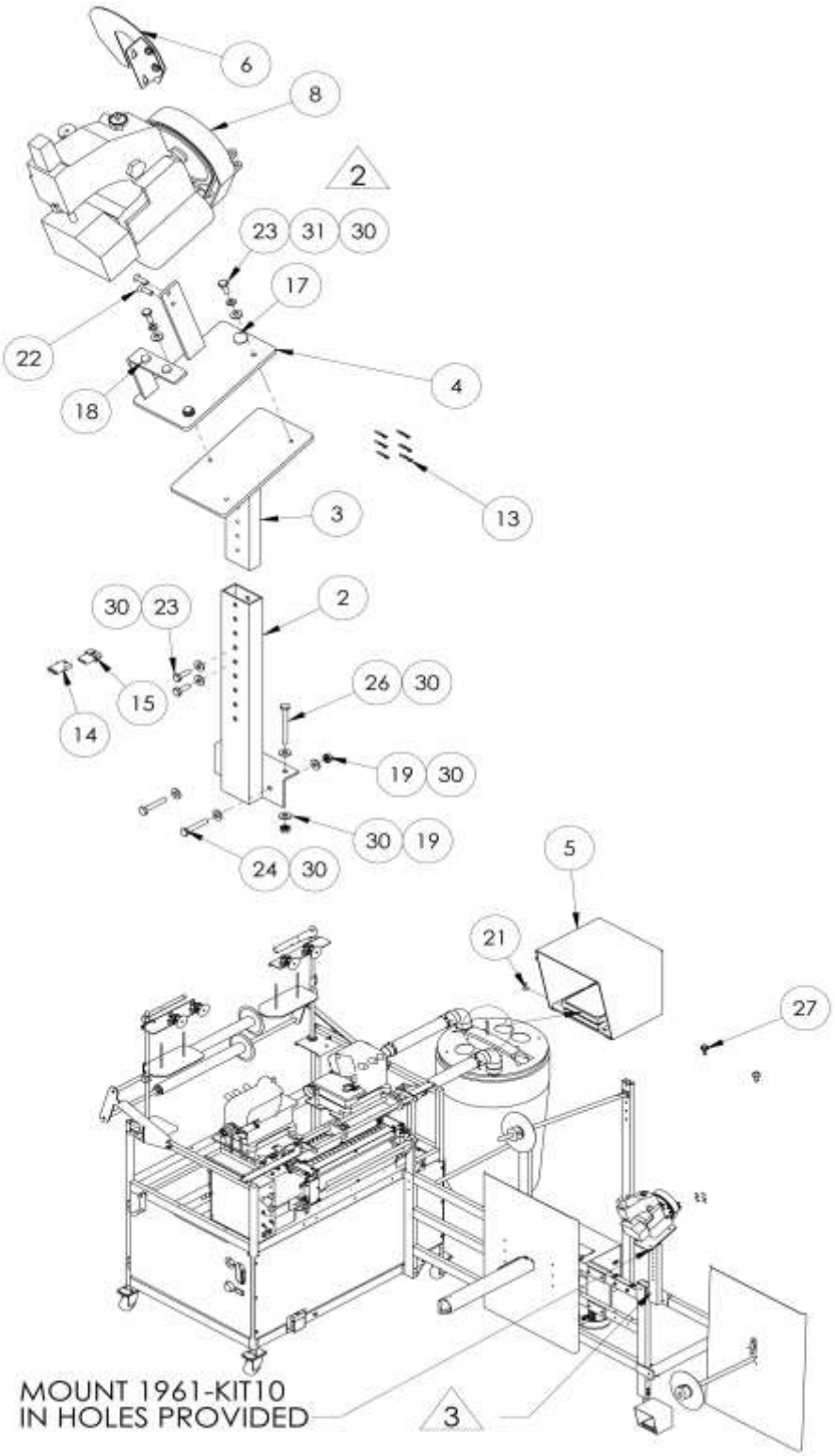
NO	QTY	PART #	DESCRIPTION	NO	QTY	PART #	DESCRIPTION
1	2	1961-802	ADAPTER, 2" PVC TO	10	8	MM5415K19	CLAMP,HOSE,WORM TYPE 1-9/
2	6	1961-803	CHANNEL, TUBE CLAMP	11	2	MM610364	ADAPTOR, 2" PVC THR.M.
3	2	1961-809	PIPE SEGMENT, 2" ID	12	2	MM655462	RING, 2" THREADED LOCK
4	2	1961-817	VENTURI ASSY,2"	13	*10.	MMFH200	HOSE,FLEX 2" ID
5	1	1961-818	BRACKET, MOUNT, RIGHT	14	1	MMTC32GTAN	CONTAINER,WASTE
6	1	1961-819	BRACKET, MOUNT, LEFT	15	8	NNE8-32	NUT,ELASTIC LOCK, 8-32
7	2	26285A	FILTER,WASTE SYSTEM	16	8	SSPS90064	8-32 X 1 PAN HD
8	2	MM00251	FUNNEL,WASTE	17	10	SSPS98016	10-32 X 1/4 PAN HD SLOT
9	2	MM189472	ELBOW, 2" SCH 40 PVC	18	10	WWL10	WASHER,LOCK,#10



1961-730 Guide Assembly

AAC Drawing Number 192112B Rev 3

NO.	QTY	PART #	DESCRIPTION
1	1	1961-751	TOP PLATE
2	2	1337-4302	SPACER
3	1	1337-4303B	BASE PLATE
4	1	1337-4304	ADJ. PLATE
5	2	1961-726	GUIDE MOUNT
6	2	1961-723	PIVOT BLOCK
7	1	1961-739	SUPPORT BAR
8	8	WWFS1/4	FLAT WASHER
9	1	1337-4331	CROSS BRACE
10	1	1961-738	GUIDE SPACER
11	8	WWL1/4	LOCK WASHER
12	5	WWFS10	FLAT WASHER
13	6	SSFC98048	FLAT ALLEN SCREW
14	5	NNK10-32	KEP NUT
15	8	SSHC01064	HEX CAP SCREW
16	4	SSFC98024	FLAT ALLEN SCREW
17	2	SSPS98012	PAN HD SLOTTED
18	2	SSFC05032	FLAT ALLEN CAP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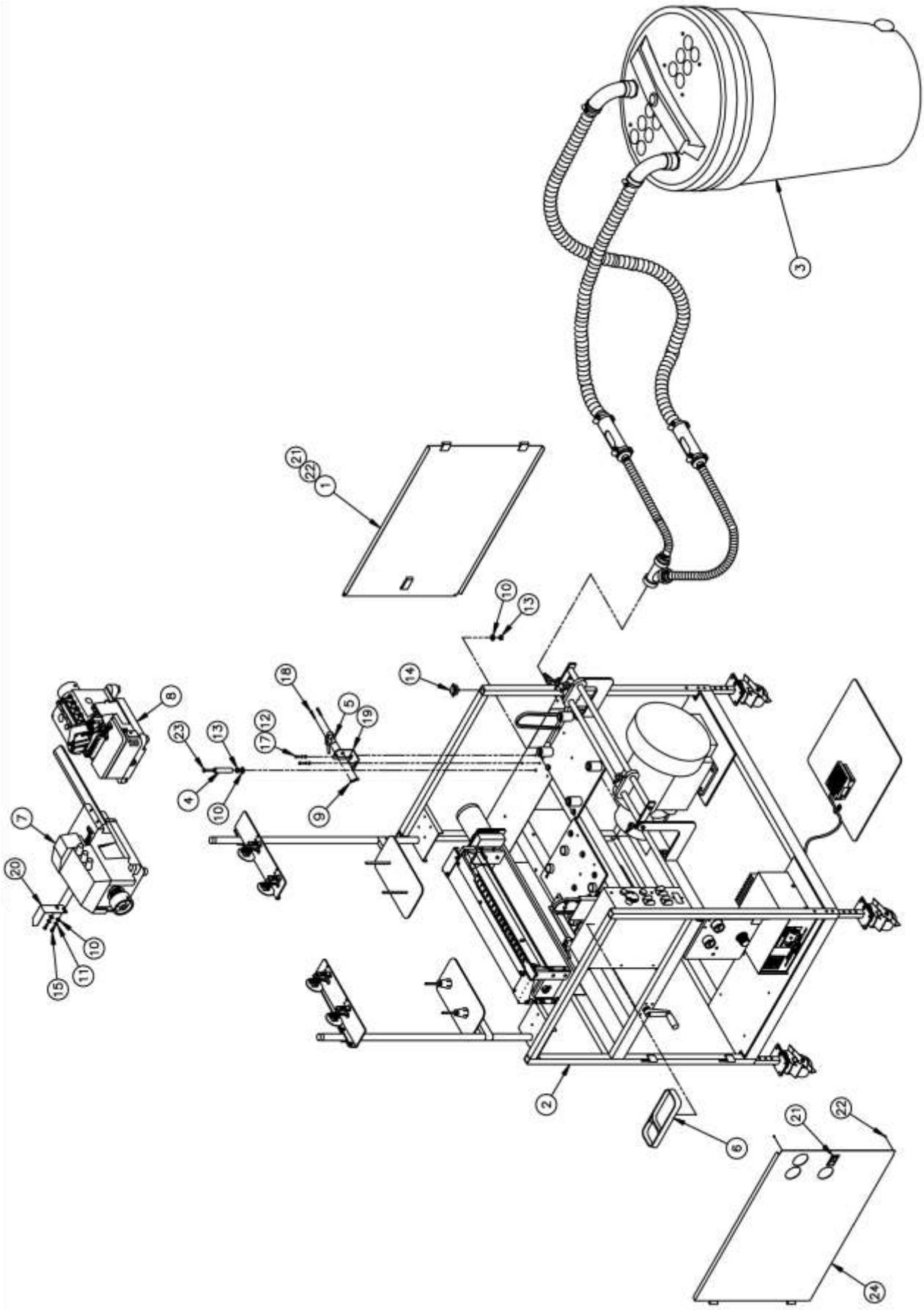
1961-KIT10 Border Splicing Assembly

AAC Drawing Number 9002027 Rev 9

NO	QTY	PART #	DESCRIPTION
1	1	1278-6161	FOOT SWITCH
2	1	1961-005	BASE,MNT,BAG CLOSER
3	1	1961-008	RISER,BAG CLOSER
4	1	1961-014	MTG BRKT,BAG CLOSER
5	1	1961171	PEDAL MOUNT
6	1	1961175	GUARD ASSY, BC-1
7	6	AAF3/16	CLAMP, BLACK PLASTIC
8	1	BC-1	BORDER CLOSER MACHINE
9	1	BC-1LAB	LABEL
10	12	EE6X752	TIE WRAP - Small.
11	10'	EE18-2	BLACK TWO COND. CABLE
12	3	FF31F1022	PIN, MALE .093
13	3	FF31F1023	PIN, FEMALE .093
14	1	FF59F1798	CONNECTOR,FEMALE,3 PIN
15	1	FF59F1803	3 PIN MALE CONN
16	10'	FF19509	CABLE,3 COND,18
17	1	MMSJ5017	BUMPER,3M SJ5017
18	2	MMSLD-ECH	1/2" DIA RUBBER BUMPER
19	4	NNK1/4-20	NUT,KEP,1/4-20
20	10	SNDX1X25	NEEDLE
21	2	SSFC80024	6-32 X 3/8 FLAT CAP
22	2	SSFCM6X20	M6 X 20 FLAT ALLEN
23	5	SSHC01048	1/4-20 X 3/4 HEX CAP
24	2	SSHC01096	1/4-20 X 1-1/2 HHCS
25	2	SSHC01112	HEX HEAD BOLT 1/4-20X1.75
26	2	SSHC01160	1/4-20 X 2-1/2 HHCS
27	2	SSZS93032	SCREW, SHT.METAL 10 ZIP
28	2	TTAA5267	TERMINAL, FE,INS,18-22
29	1	W1061-3	NUT, WIRE
30	14	WWFS1/4	WASHER,FLAT,SAE,1/4
31	7	WWL1/4	WASHER,LOCK,1/4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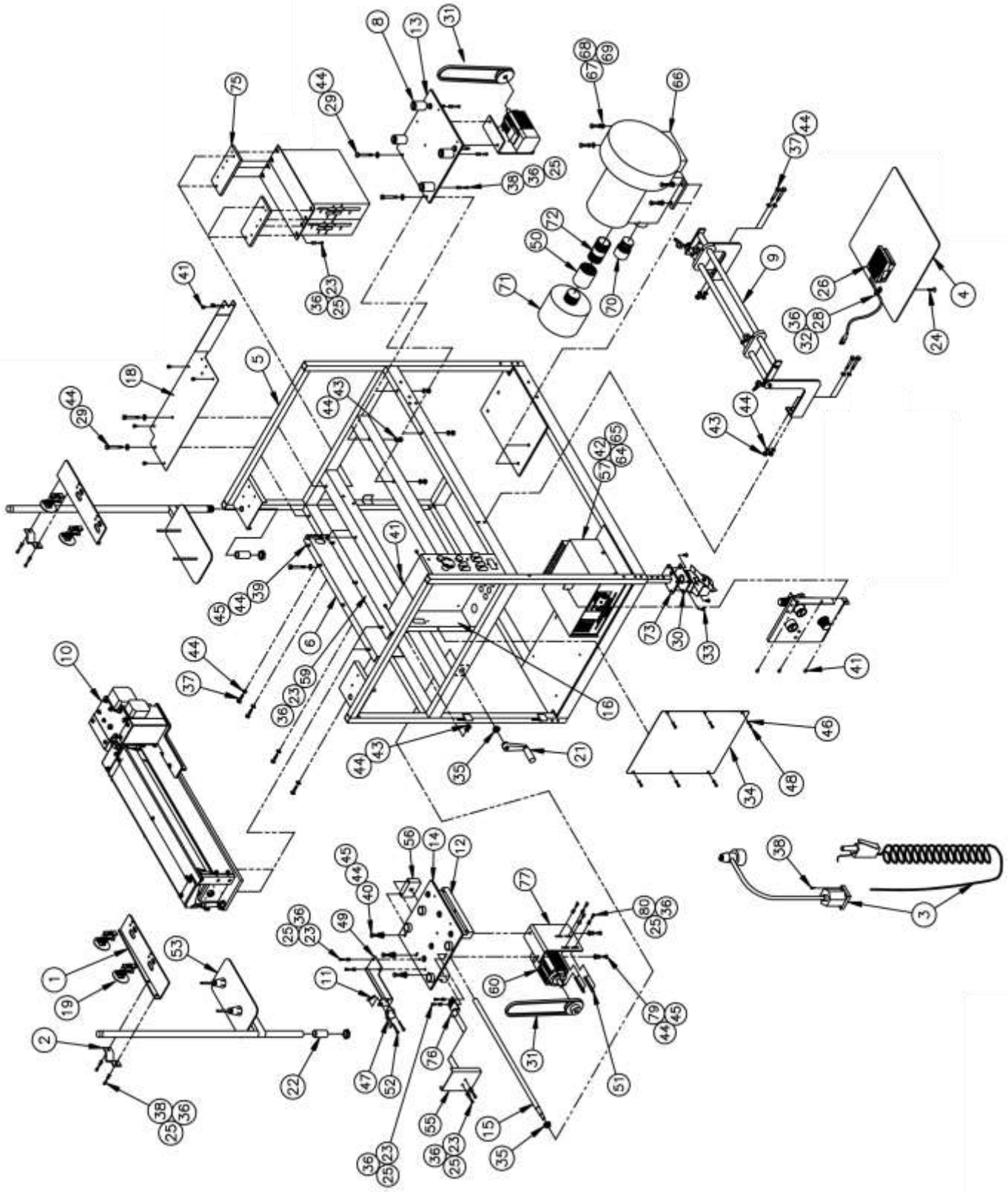
1961-GED Generic Workstation

AAC Drawing Number 192511C Rev 1

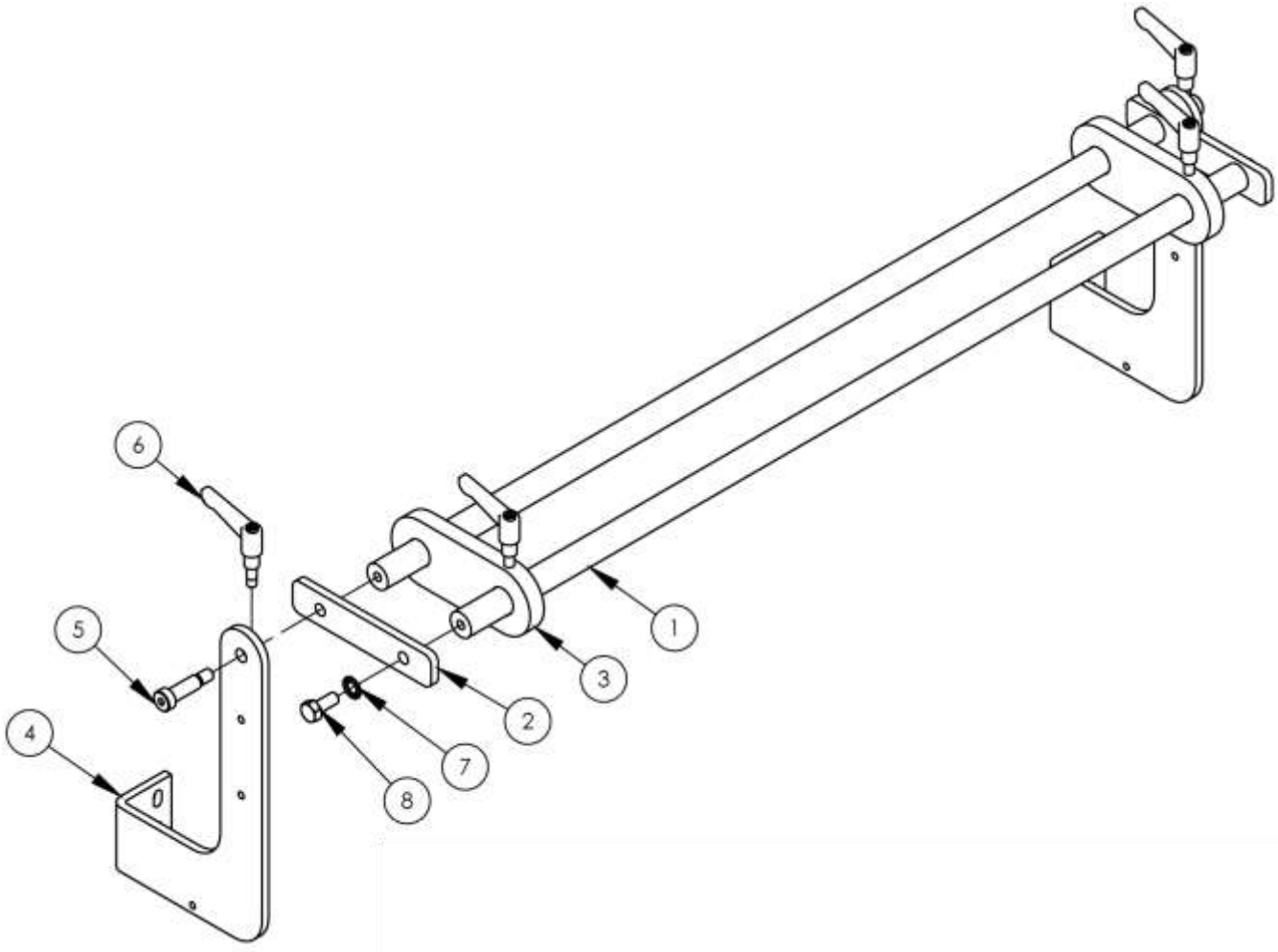
NO.	QTY	PART #	DESCRIPTION
1	1	1961-151B	DOOR
2	1	1961-001D	MAIN ASSY.
3	1	1961-800B	WASTE CONTAINER
4	1	33005103	HANDLE ROLLER
5	1	FFSM312LVQ	ELECTRIC EYE
6	1	26151	SMALL TOOL TRAY
7	1	1961-500E	SEWING HD, LH
8	1	1961-500F	SEWING HD, RH
9	1	1975-412A	NUT PLATE
10	4	WWFS1/4	FLAT WASHER SAE
11	2	WWL1/4	LOCK WASHER
12	2	WWFS10	FLAT WASHER SAE
13	2	NNJ1/4-20	JAM NUT
14	4	MM132-1202	SQUARE END CAP
15	2	SSM3236136	SOCKET CAP SCREW
16	2	SSSC98024	SOCKET CAP SCREW
17	2	SSZS93032	SHEET METAL SCREW
18	2	SSPS70048	PAN HD SLOTTED SCREW
19	1	98205010	EYE BRACKET
20	1	1961-410A	POINTER, SERGE W.
21	2	MM40450010	FASTENER, SLIDE L
22	4	MMSLD-ECH	RUBBER BUMPER
23	1	SSHC01224	HEX CAP SCREW
24	1	1961-151C	DOOR



1961-001D Main Assembly

AAC Drawing Number 192514C Rev 6

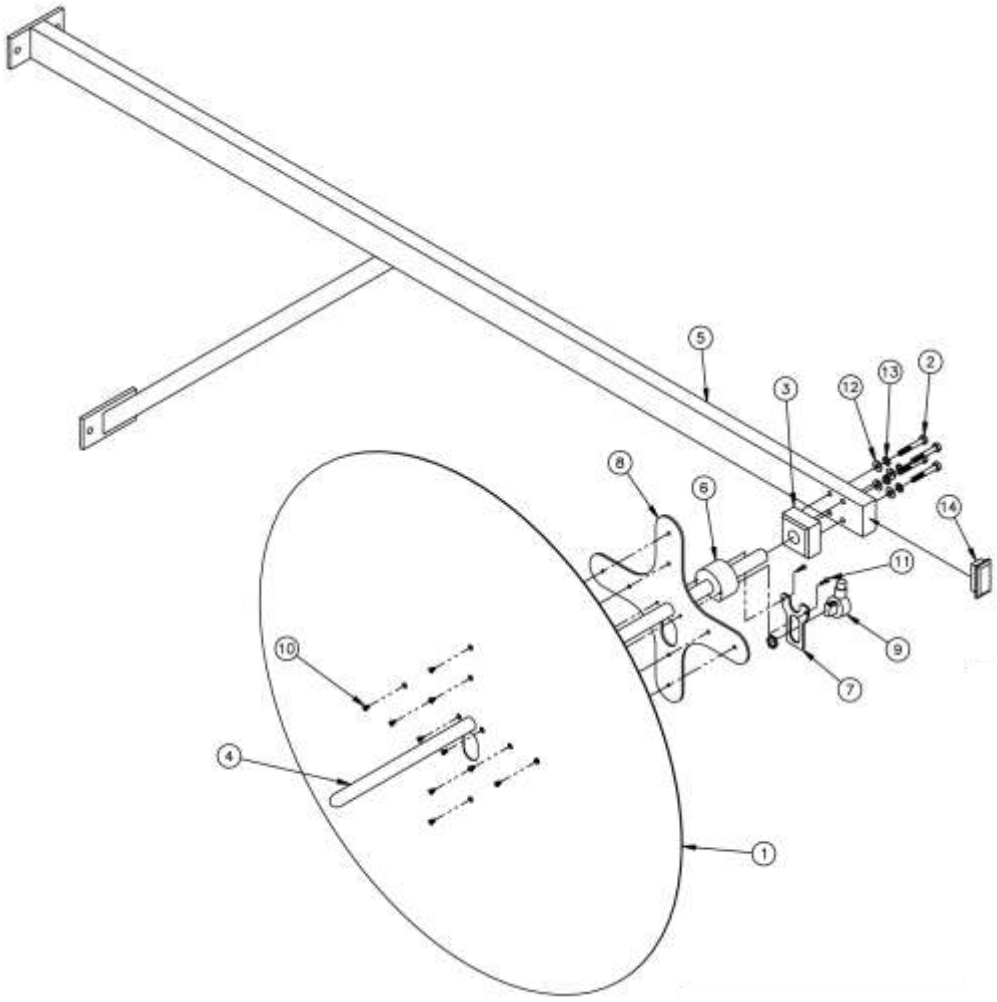
NO.	QTY	PART #	DESCRIPTION	NO.	QTY	PART #	DESCRIPTION
1	2	0411-069	THREAD BREAK SENSOR	41	15	SSZS93032	SHEET METAL SCREW
2	2	0411-070	CLAMP, SENSOR BRKT	42	4	SSSC80048	SOCKET CAP SCREW
3	1	1278-1095	KIT,ACC,BLOW GUN & LIGHT	43	12	NNK1/4-20	KEP W/ RETAINING LOCK
4	1	1278-5281	FOOT PEDAL PLATE	44	47	WWFS1/4	FLAT WASHER SAE
5	1	1961-100D	FRAME ASSEMBLY	45	19	WWL1/4	LOCK WASHER
6	1	1961-121D	PULLER SUPPORT	46	6	WWL8	LOCK WASHER
7	AR	1961PD1	PNEUMATIC DIAGRAM	47	1	FFSM312LVQ	ELECTRIC EYE
8	4	1100321B	ISOLATOR MOUNT	48	6	SSSC90016	SOCKET CAP SCREW
9	1	1961-210D	TENSION RACK ASSY.	49	1	1961-424	MOUNT, POS EYE,LH
10	1	1961-300DA	PULLER ASSEMBLY	50	1	MM181900	GALV COUPLING
11	1	1975-412A	NUT PLATE	51	4	0211-209	NUT PLATE
12	1	1961-401	GUIDE RAIL	52	2	SSPS70048	PAN HD SLOTTED SCREW
13	1	1961-409B	RT HD PLATE MOUNT	53	2	1959-112	2 POS THREADED PLATE
14	1	1961-405C	LF HD W/ MOTOR PLATE	54	2	4003-MA100/FE	CABLE, M TO FM, 3'
15	1	1961-406D	THREADED ROD	55	1	1961-155A	BELT COVER
16	1	1961-900D	CONTROL BOX	56	1	1961-412A	INDEX BLOCK
17	AR	1961-LAB3	LABEL	57	1	AP-28-820B	CONTROL BOX
18	1	1961-354B	RH BELT COVER	58	1	AP-28-812	STEP MOTOR CABLE
19	4	4003-IS3WT2	THREAD BREAK SENSOR	59	1	1961-111D	CUTTER SUPPORT
20	2	4003-MA3/FE	CABLE 8'	60	2	4059-DC1500M	MOTOR & CONTROLLER
21	1	951A-0844	CRANK HANDLE, MOD	61	1	EE37F3311	CEE POWER CORD
22	2	97-2250A	THREAD STAND SPACER	62	AR	1961-900WD2	WIRING DIAGRAM
23	15	SSSC98032	SOCKET CAP SCREW	63	1	0211-703A	CABLE
24	1	SSFC98024	FLAT ALLEN CAP SCREW	64	4	WWL6	LOCK WASHER
25	30	WWL10	LOCK WASHER	65	4	WWFS6	FLAT WASHER SAE
26	1	EE24F163	THREADLITE FOOTSWITCH	66	1	MM2BH141AV29Z	BLOWER
27	1	FFRK44T-4	CABLE , PLUG, 12'	67	4	WWFS3/8	FLAT WASHER SAE
28	1	AAF3/16	BLK PLASTIC CLAMP	68	4	SSHC35064	HEX CAP SCREW
29	8	SSHC01160	HEX CAP SCREW	69	4	WWL3/8	LOCK WASHER
30	4	MM427-3RB	CASTER	70	1	97-1230	ADAPTER, VAC,GEN
31	2	ZX3827	BELT, 3/8 X 27"	71	1	MM2BX150SF	FILTER
32	1	NNK10-32	KEP NUT 10-32	72	1	MM182915	GALV NIPPLE
33	16	SSHC01024	HEX CAP SCREW	73	4	1961-115	LEG WELDMENT
34	1	1961-903A	ELEC PANEL COVER	74	2	0211-702A	CABLE POSITION SENSOR
35	2	UUFF723-05	BEARING, BRONZE	75	2	1961-122	MOUNT, DUAL MOTOR
36	31	WWFS10	FLAT WASHER SAE	76	1	1961-161A	BELT GUARD BRKT
37	8	SSHC01112	HEX CAP SCREW	77	2	1961-421	MOTOR MOUNT BRKT
38	12	SSSC98048	SOCKET CAP SCREW	78	2	FFBL4570C	PLUG,3 POLE,3 W
39	7	SSSC01048	SOCKET CAP SCREW	79	4	SSHC01032	HEX CAP SCREW
40	8	SSHC01048	HEX CAP SCREW				



1961-210D Tension Rack Assembly

AAC Drawing Number 9001891 Rev 1

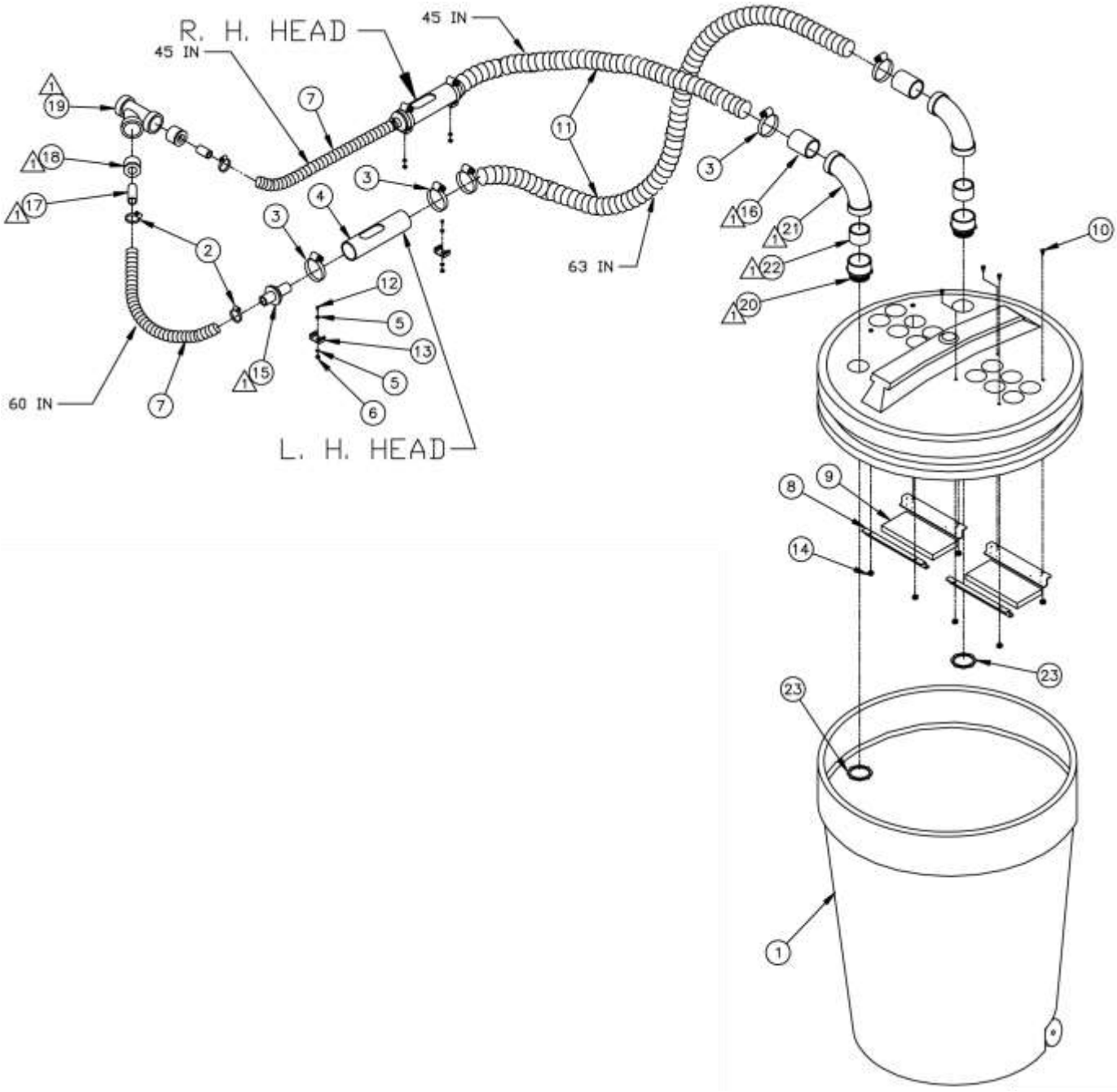
NO.	QTY	PART #	DESCRIPTION
1	2	1961-206D	ROD, MATERIAL TENSION
2	2	1961-207	PLATE, END
3	2	1961-211	PLATE, EDGE GUIDE
4	2	1961-403A	SUPPORT, GUIDE
5	2	SSAS024064	SHULDER BOLT 3/8 X .1.00L
6	4	TTH32415	HANDLE,THREADED,1/4-20X7/
7	2	WWSI5/16	WASHER,INTERNAL TOOTH,5/16
8	2	SSHC10048	5/16-18 X 3/4 HHCS



1961-250D Prefeed Assembly

AAC Drawing Number 192509C Rev 1

NO.	QTY	PART #	DESCRIPTION
1	1	1961-254	DISC, 32" DIA
2	4	SSHC01112	HEX CAP SCREW
3	1	1961-251C	UNWIND SHAFT HUB
4	1	1961-252D	ROD, ROLL, 27"L
5	1	1961-256	FRAME, SPIN HLDR
6	1	1961-253	HUB, UNWIND STAND
7	1	1961-255	BRKT, SENSOR, MNT
8	1	1961-258	SUPPORT, DISC
9	1	FFT18FF100Q	EYE, FIXED FIELD
10	10	SSFC80016	FLAT ALLEN CAP SCREW
11	2	SSSC80016	SOCKET CAP SCREW
12	4	WWFS1/4	FLAT WASHER SAE
13	4	WWL1/4	LOCK WASHER
14	1	MM132-1496	END CAP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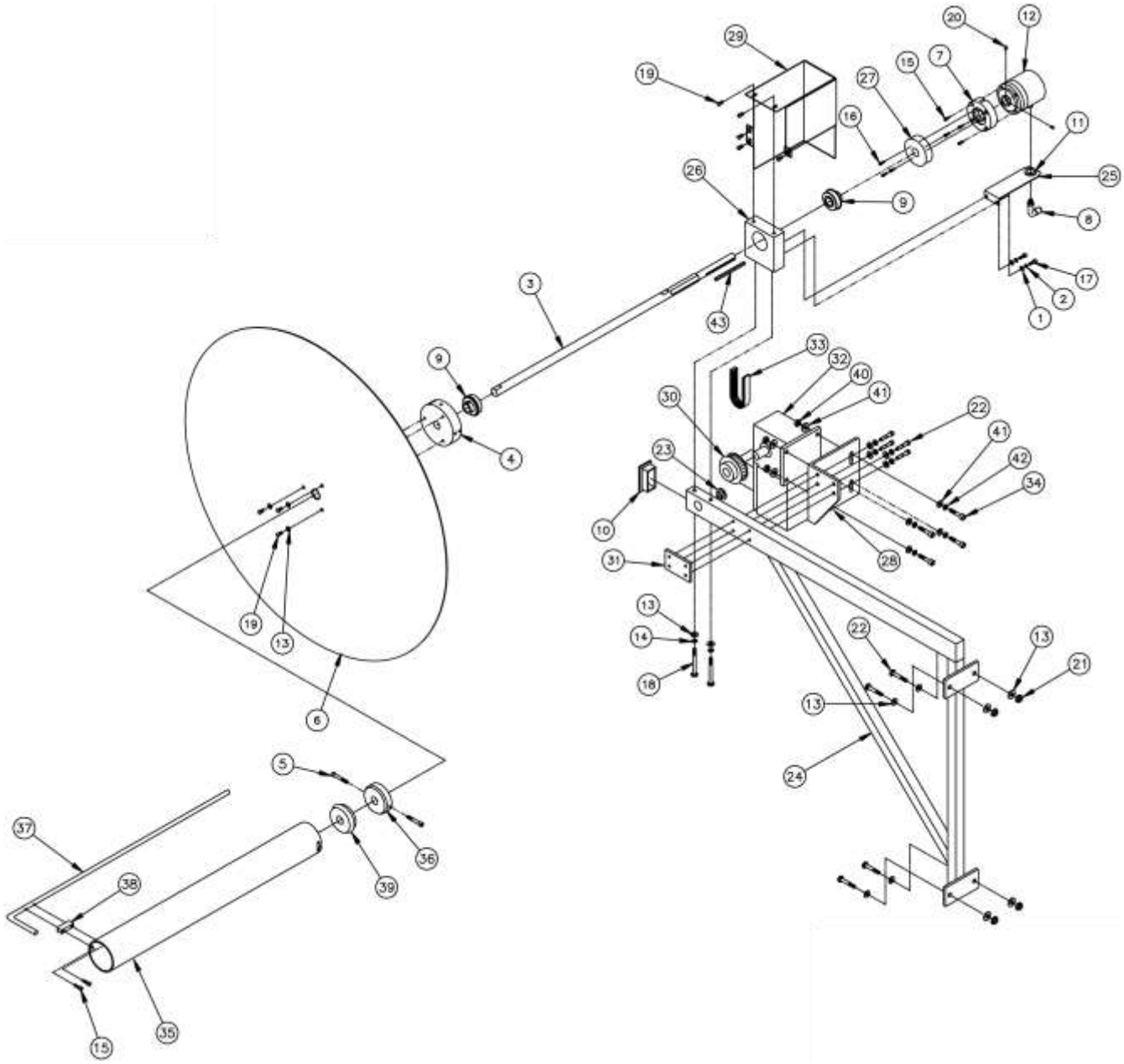
L. H. HEAD

1961-800B Waste Container Assembly

AAC Drawing Number 192489C Rev 0

NO.	QTY	PART #	DESCRIPTION
1	1	MMTC32GTAN	WASTE CONTAINER
2	4	MM5415K16	HOSE CLAMP
3	8	MM5415K19	WORM HOSE CLAMP
4	2	1961-801	WASTE FUNNEL
5	8	WWFS10	FLAT WASHER SAE
6	4	NNH10-32	HEX NUT
7	9'	MMFH125	FLEX HOSE
8	4	26282	FILTER HOLDER
9	2	1961-812	WASTE SYSTEM FILTER
10	8	SSPS90024	PAN HD SLOTTED SCREW
11	9'	MMFH200	FLEX HOSE
12	4	SSPS98048	PAN HD SLOTTED SCREW
13	4	1961-803	TUBE CLAMP CHANNEL
14	8	NNK8-32	KEP W/ RETAINED
15	2	1961-806	HOSE CONNECTOR
16	2	1961-802	ADAPTOR, 2" PVC
17	2	1961-808	PIPE SEGMENT
18	2	MM896981	PVC BUSH
19	1	MM189545	PVS 45 DEG
20	2	MM610364	ADAPTOR, 2" PVC
21	2	MM189472	ELBOW 2"
22	2	1961-809	PIPE SEGMENT
23	2	MM655462	RING, 2" THREADED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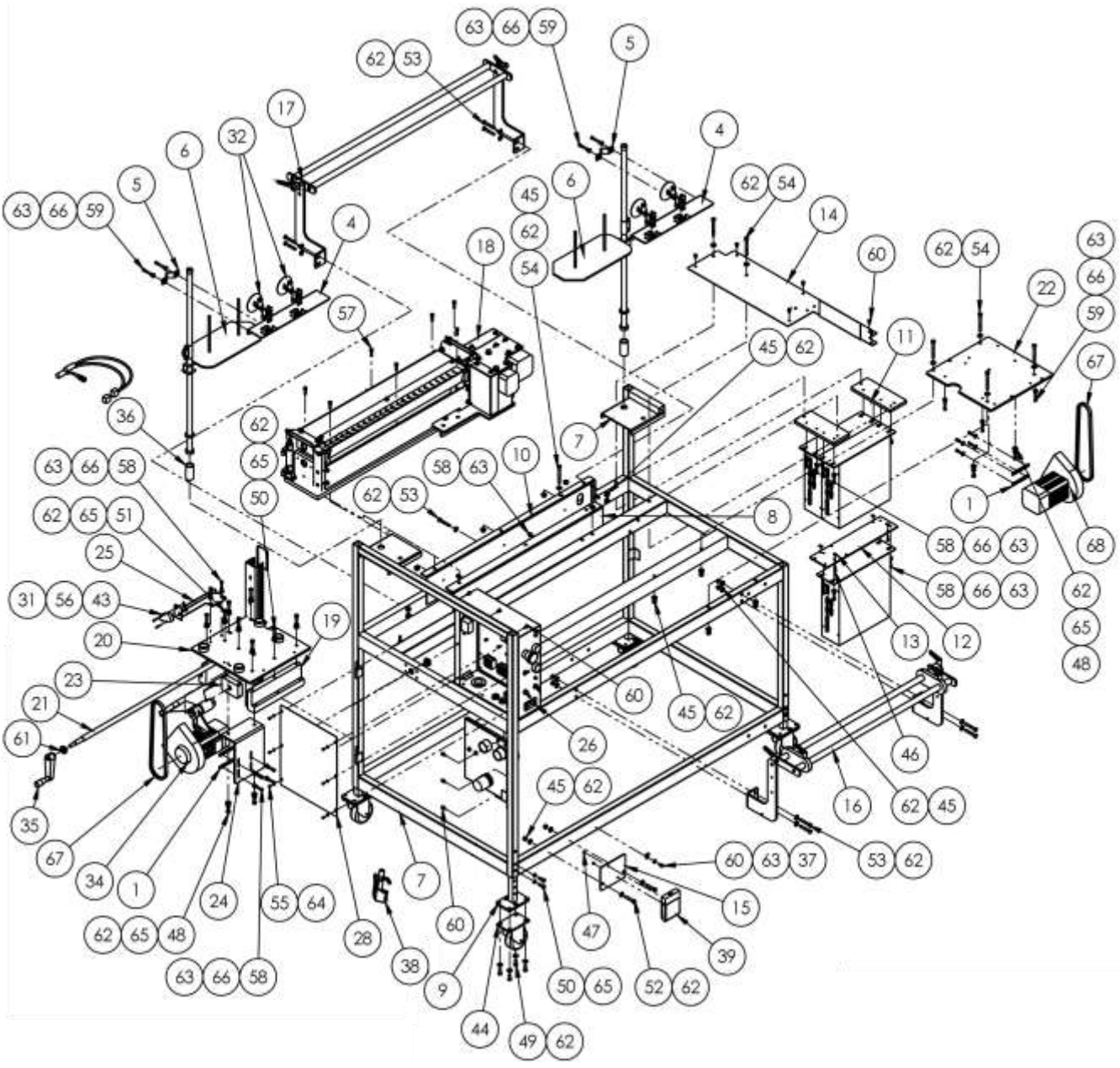
1961-320D Rewinder Assembly W/ Sleeve

AAC Drawing Number 192510C Rev 1

NO.	QTY	PART #	DESCRIPTION
1	2	WWFS10	FLAT WASHER SAE
2	2	WWL10	LOCK WASHER
3	1	1961-375D	SHAFT, CLUTCH
4	1	1961-378	HUB, SPINDLE
5	2	SSSC01096	SOCKET CAP SCREW
6	1	1961-377	DISC, ALU, 32"
7	1	97-3320	CLUTCH, GEAR MTG
8	1	AAQME-5-8	QUICK MALE ELBOW
9	2	BBS8703-88	BALL BEARING
10	1	MM132-1496	RECT END CAP BLK
11	1	MM9600K21	RUBBER GROMMET
12	1	MM800100	AIR CLUTCH
13	13	WWFS1/4	FLAT WASHER SAE
14	2	WWL1/4	LOCK WASHER
15	6	SSSC98040	SOCKET CAP SCREW
16	3	SSSC90032	SOCKET CAP SCREW
17	2	SSSC98032	SOCKET CAP SCREW
18	2	SSHC01160	HEX CAP SCREW
19	8	SSBC01032	BUTTON CAP SCREW
20	2	SSSS90008	SCREW
21	4	NNK1/4-20	KEP W/ RETAINING
22	8	SSHC01112	HEX CAP SCREW
23	1	EESB-375-3	HEYCO BUSHING
24	1	1961-350A	FRAME ASSEMBLY
25	1	1961-354A	CLUTCH SUPPORT
26	1	1961-365	YOKE, BEARING
27	1	1961-366	PULLEY, MODIFIED
28	1	1961-367	MOTOR MOUNT
29	1	1961-368	BELT COVER
30	1	1961-369	DRIVE, MODIFIED
31	1	1961-370	NUT PLATE
32	1	23218D	MOTOR, GEAR
33	1	GG187L050	BELT, GEAR
34	4	SSHC10080	HEX CAP SCREW
35	1	1961-372D	REWIND SLEEVE
36	1	1961-373	HUB, REWIND SLEEVE
37	1	1961-374D	ROD, MATERIAL CTCH
38	1	1961-376	BLOCK, ROD MNT
39	1	1961-379	SPRT, REWIND SLV
40	4	NNK5/16-18	KEP NUT
41	8	WWFS5/16	FLAT WASHER
42	4	WWL5/16	LOCK WASHER
43	1	97-3398	KEY,3/16X3/16,3.56L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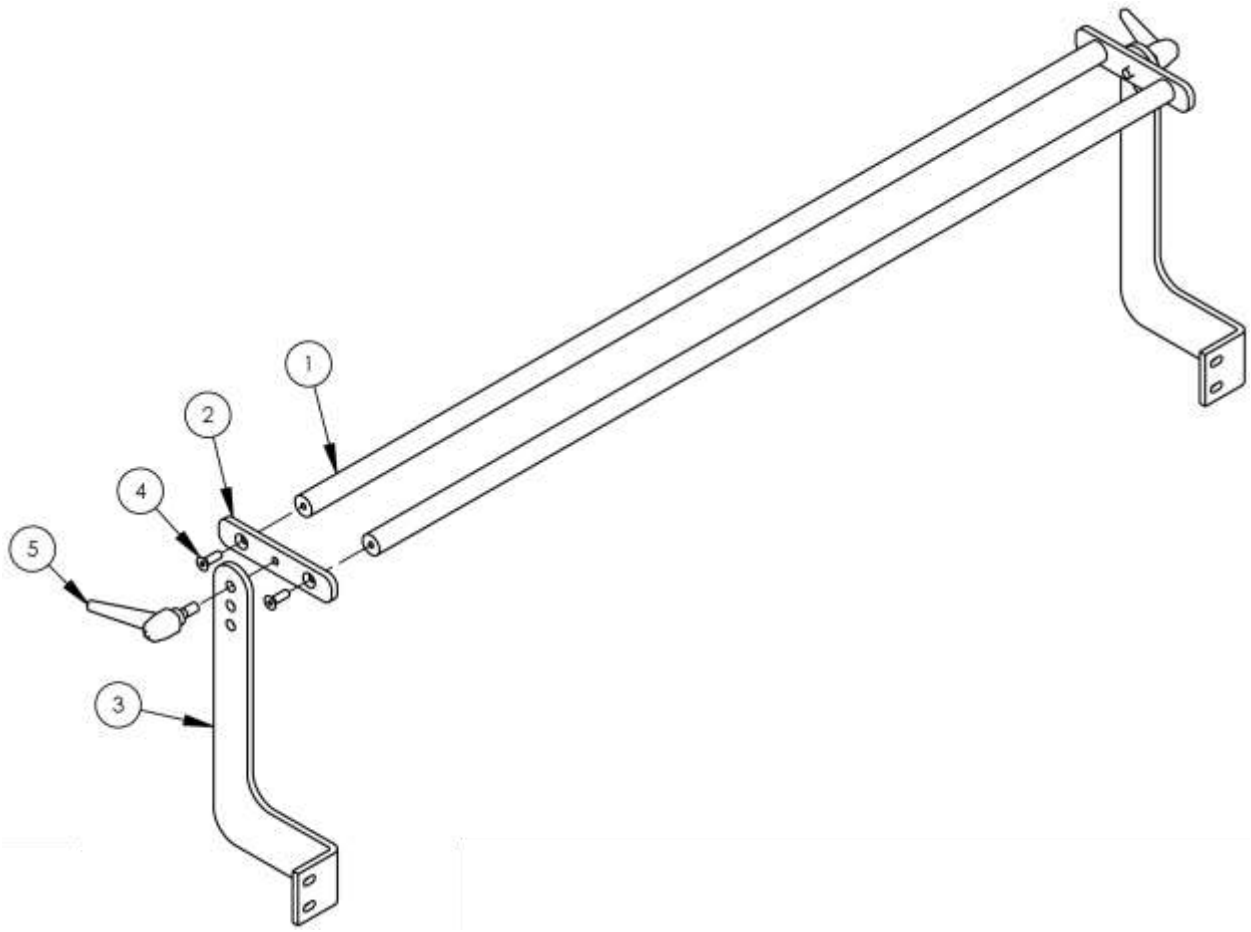
1961-001F Main Assembly Heavy Duty 24” Cap

AAC Drawing Number 9001909 Rev 8

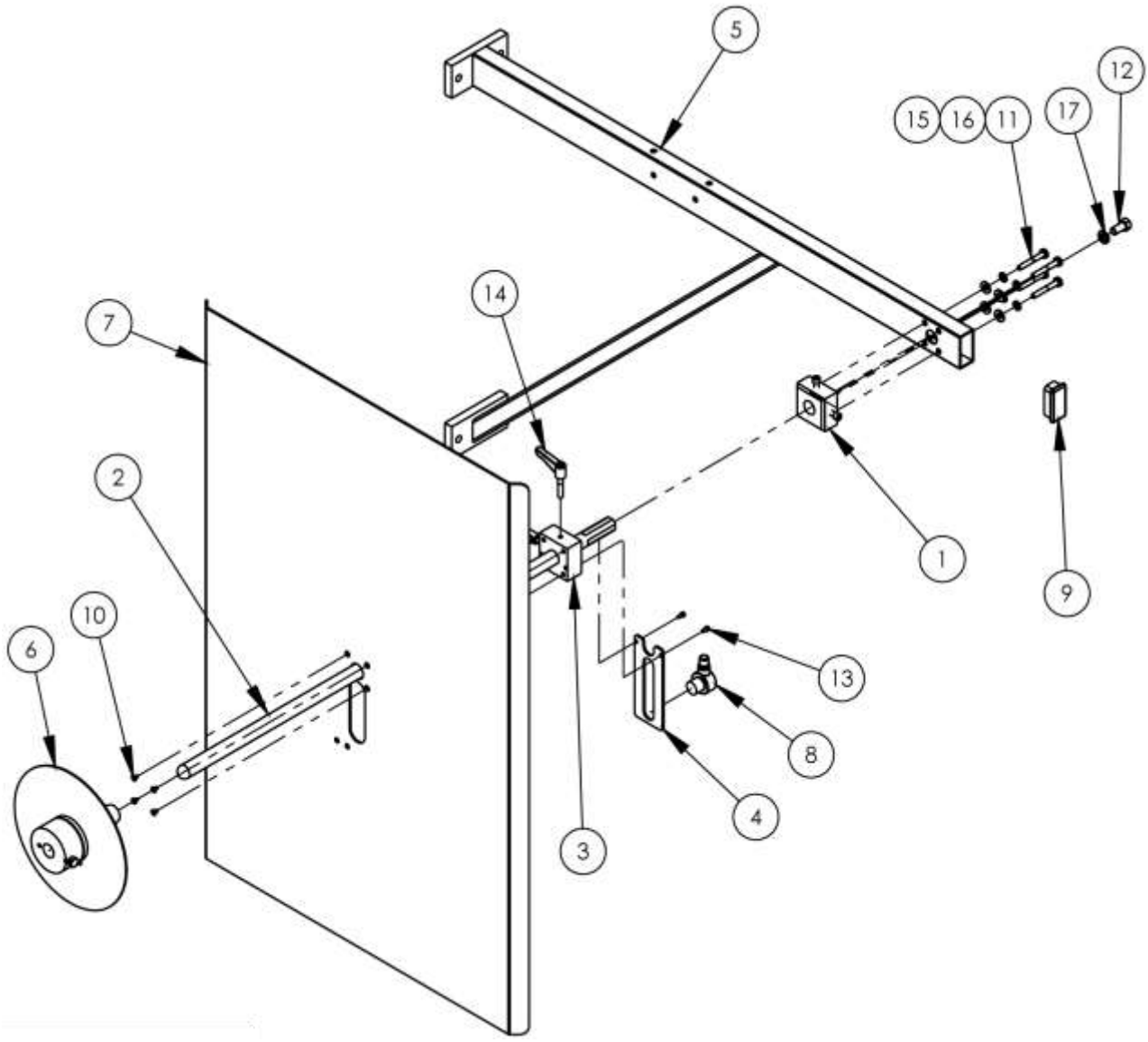
NO.	QTY	PART #	DESCRIPTION	NO.	QTY	PART #	DESCRIPTION
1	4	0211-209	PLATE,NUT,10-32@2.25 CTC	36	2	97-2250A	SPACER, THREAD STAND
2	2	0211-702A	CABLE,POS. SENSOR,6'	37	1	AAF3/16	CLAMP, BLACK PLASTIC
3	1	0211-705H	CABLE,TREADLE,EXTENSION	38	1	AAVBG35C	BLOW GUN ASSY WITH HOSE
4	2	0411-069B	BRKT, THREAD BREAK DETECT	39	1	EE24F163	FOOTSWITCH, TREADLITE
5	2	0411-070	CLAMP, SENSOR BRACKET	40	*2'	EEDC15X15	DUCT,WIRE COVER,1.5
6	2	1959-112	2 POS THREAD PLATE ASSY	41	*2'	EEDE15X15	DUCT,WIRE,1.5X1.5
7	1	1961-100D	FRAME,AUTO BORDER,24" CAP	42	1	FFRK44T-4	CABLE,EYE,12',NO END
8	1	1961-111D	SUPPORT,PULLER,HEAVY DUTY	43	1	FFSM312LVQ	EYE,ELECTRIC,10-30VDC
9	4	1961-115	LEG WELDMENT	44	4	MM427-3RB	CASTER,SWIVEL,3"RUBBER
10	1	1961-121D	SUPPORT,PULLER	45	23	NNK1/4-20	NUT,HEX,KEP,1/4-20,W/LOCK
11	2	1961-122	MT, DUAL MOTOR CONTROL	46	4	SSFC80040	SCREW, SOC HD, 6-32 X 5/8
12	1	1961-125	BRKT,EFKA BOX HANG MOUNT	47	2	SSFS80016	6-32 X 1/4, FLAT SLOT
13	4	1961-126	PLATE, NUT, 6-32, 1PL	48	4	SSHC01032	1/4-20 X 1/2 HHCS
14	1	1961-154B	COVER,BELT,RH	49	16	SSHC01040	1/4-20 X 5/8 HHCS
15	1	1961-159	PLATE, MOUNT, FOOT PEDAL	50	14	SSHC01048	1/4-20 X 3/4 HEX CAP
16	1	1961-210D	TENSION RACK ASSY	51	2	SSHC01056	1/4-20 X 7/8 HEX CAP
17	1	1961-210H	TENSION RACK ASSY,24" CAP	52	2	SSHC01096	1/4-20 X 1-1/2 HHCS
18	1	1961-300FB	PULLER ASSY,24",WORM GEAR	53	10	SSHC01112	HEX HEAD BOLT 1/4-20X1.75
19	2	1961-401	RAIL,GUIDE	54	8	SSHC01160	1/4-20 X 2-1/2 HHCS
20	1	1961-405C	PLATE,LEFT HEAD W/MOTOR	55	6	SSPP80016	#6-32X1/4 PAN PHILLIPS
21	1	1961-406D	ROD,THREADED,5/8-11X37	56	2	SSPS70048	4-40 X 3/4 PAN HD SLOTTED
22	1	1961-409B	PLATE, MOUNT, RIGHT HEAD	57	7	SSSC01048	1/4-20 X 3/4" SOC CAP SC
23	1	1961-412A	BLOCK,INDEX,LEFT HEAD	58	25	SSSC98032	10-32X1/2, SOC CAP
24	2	1961-421	MT,MOTOR,EFKA	59	8	SSSC98048	10-32 X 3/4 SOC CAP
25	1	1961-424	MOUNT, POSITION EYE	60	13	SSZS93032	SCREW, SHT.METAL 10 ZIP
26	1	1961-900D	CONTROL BOX	61	2	UUFF723-05	BEARING,BRONZE,.505ID
27	*AR	1961-900WD3	DIAGRAM, WIRING	62	71	WWFS1/4	WASHER,FLAT,SAE,1/4
28	1	1961-903A	COVER, ELECTRICAL PANEL	63	34	WWFS10	WASHER, FLAT, #10, SAE
29	*AR	1961LAB3	LABEL	64	6	WWFS6	WASHER, FLAT, #6
30	*AR	1961PD1	DIAGRAM, PNEUMATIC	65	20	WWL1/4	WASHER,LOCK,1/4
31	1	1975-412A	PLATE,NUT,4-40,.95CTC	66	30	WWL10	WASHER,LOCK,#10
32	4	4003-IS3WT2	SENSOR,THREAD BREAK	67	2	ZX3827	V-BELT,3/8 X 27"
33	2	4003-MA3/FE	CABLE,8 FT,3 FEM	68	1	4059-DC1500	MOTOR,DC WITH CONTROLLER
34	1	4059-DC1500	MOTOR,DC WITH CONTROLLER	69	4	1100321B	MOUNT,ISOLATOR
35	1	951A-0844	CRANK HANDLE, MODIFIED				



1961-210H Tension Rack Assembly, 24” Cap

AAC Drawing Number 9001881 Rev 1

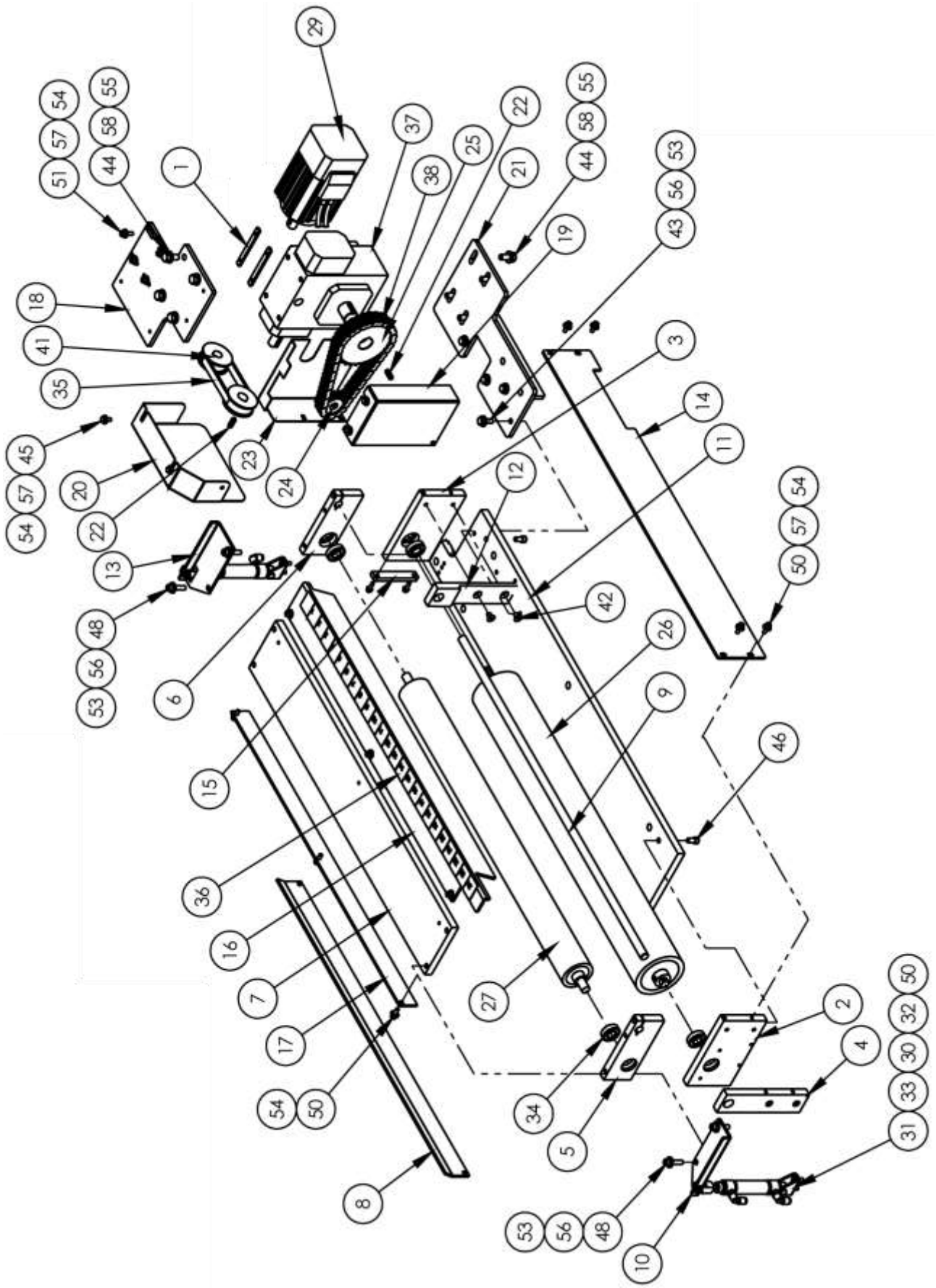
NO.	QTY	PART #	DESCRIPTION
1	2	1961-206H	ROD, MATERIAL TENS 35.26"
2	2	1961-207A	PLATE, END
3	2	1961-403D	SUPPORT, GUIDE
4	4	SSFC01048	1/4-20 X 3/4 FLAT CAP
5	2	TTH32425	HANDLE,THRDED,5/16-18X3/4



1961-250G Prefeed Assembly, 24” Cap

AAC Drawing Number 9001637 Rev 2

NO.	QTY	PART #	DESCRIPTION	NO.	QTY	PART #	DESCRIPTION
1	1	1961-251C	HUB UNWIND SHAFT	10	4	SSFC80016	6-32 X 1/4 FLAT SOC CAP
2	1	1961-252B	ROD, ROLL, 31" L	11	4	SSHC01112	HEX HEAD BOLT 1/4-20X1.75
3	1	1961-253A	HUB, UNWIND STAND	12	1	SSHC25048	3/8-16X3/4,HEX CAP
4	1	1961-255	BRACKET, SENSOR MTG	13	2	SSSC80016	6-32 X 1/4 SOC CAP SC
5	1	1961-256	FRAME, SPINDLE HOLDER	14	2	TTH32416	HANDLE,THRD,1/4-20X1-1/8
6	1	33008708	BALL BEARING DISC ASSY	15	4	WWFS1/4	WASHER,FLAT,SAE,1/4
7	1	784B-2436	PLATE, ALU, 23.75 X 31.75	16	4	WWL1/4	WASHER,LOCK,1/4
8	1	FFT18FF100Q	EYE,FIXED FIELD, 4IN	17	1	WWL3/8	WASHER, LOCK, 3/8
9	1	MM132-1496	PLUG 1 X 2				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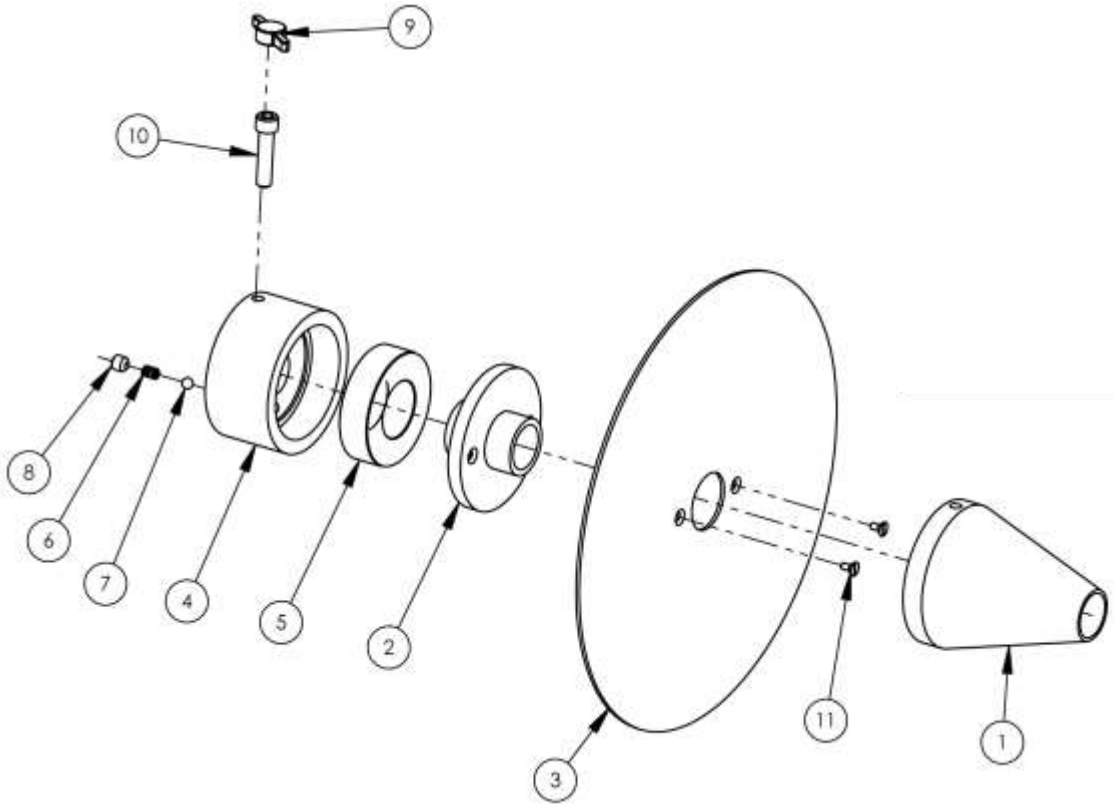
1961-300FB Puller Assembly, 24”, Worm Gear

AAC Drawing Number 9000848 Rev 2

NO	QTY	PART #	DESCRIPTION	NO	QTY	PART #	DESCRIPTION
1	2	0211-209	PLATE,NUT,10-32@2.25 CTC	31	2	AAC7DP-1	CYL.,AIR,DA 3/4 BORE,1STR
2	1	1961-302	PLATE,LEFT SIDE,PULLER	32	2	AAFBP-11C	BRKT,PIVOT,1/4 BORE
3	1	1961-303	PLATE,RIGHT SIDE,PULLER	33	2	AAFCT-7	HUMPHREY CLEVIS
4	1	1961-304	HINGE PLATE,PULLER	34	4	AAQME-5-8	QUICK MALE ELBOW
5	1	1961-305	TOP,LEFT SIDE,PULLER	35	4	BB1L005	BEARING,BALL,.500D
6	1	1961-306	TOP,RIGHT SIDE,PULLER	36	1	GG124L050	BELT, 3/8P, 33 TH, 1/2W
7	1	1961-307D	PLATE, TOP, PULLER	37	1	MM1910A23M	RULER,SILVER MYLAR 36"
8	1	1961-309D	GUARD,ROLLER,24" CAPACITY	38	1	MM20U1-30M1	WORM, REDUCE,30:1,RH
9	1	1961-311D	ROD,STRA,CRS,1/2X27.0L	39	1	MMD35	CHAIN,STEEL, DBL #35-2
10	1	1961-312A	BRKT,LIFT,LEFT	40	1	MMD35CL	MASTER LINK,DBL,#35 CHAIN
11	1	1961-313D	PLATE, BASE, PULLER	41	1	PP14LF050M1	PULLEY,3/8P,14T,5/8 BORE
12	1	1961-314	HINGE PLATE,PULLER	42	1	PP14LF050M2	PULLEY,3/8P,14T,5/8 BORE
13	1	1961-315A	BRKT,LIFT	43	2	SSFC01024	1/4-20 X 3/8 FLAT CAP
14	1	1961-316D	BOTTOM,GUARD,24" CAPACITY	44	4	SSHC01048	1/4-20 X 3/4 HEX CAP
15	1	1961-323	SPACER, ALUM, 1/4	45	8	SSHC10048	5/16-18 X 3/4 HHCS
16	1	1961-363D	GUARD, TOP	46	4	SSHC98032	10-32X1/2 HEX HD
17	1	1961-371D	GUARD,ROLLER,24" CAPACITY	47	4	SSSC01032	1/4-20X1/2 SOC CAP
18	1	1961022	MTG. PLT, EFKA MOTOR	48	2	SSSC01048	1/4-20 X 3/4" SOC CAP SC
19	1	1961024	GUARD, WORM DRIVE	49	4	SSSC01064	1/4-20 X 1 SOC CAP
20	1	1961025	GUARD, EFKA MOTOR	50	2	SSSC90032	#8-32 X 1/2 SOC CAP SC
21	1	1961027	PLATE,MNT,WORM DRIVE	51	14	SSSC98032	10-32X1/2, SOC CAP
22	2	1961028	KEY, 3/16 SQ X 11/16 LG	52	4	SSSC98040	10-32 X 5/8 SOC CAP
23	1	1961058	COVER, ROLLER DRIVE BELT	53	2	WWF8	WASHER, FLAT, #8
24	1	1961100	SPROCKET, 12T, 35, DBL, M	54	8	WWFS1/4	WASHER,FLAT,SAE,1/4
25	1	1961101	SPROCKET, 30T, 35, DBL,	55	18	WWFS10	WASHER, FLAT, #10, SAE
26	1	33005603D	PULLER, ROLLER, 24" CAP.	56	8	WWFS5/16	WASHER,FLAT,SAE,5/16
27	1	33005603D2	SHAFT, PREFEED DRIVE, 24"	57	8	WWL1/4	WASHER,LOCK, 1/4
28	1	33005652D	ROLLER,IDLER,24" CAP	58	18	WWL10	WASHER,LOCK,#10
29	1	33005652D2	SHAFT, PREFEED IDLER,24"	59	8	WWL5/16	WASHER,LOCK, 5/16
30	1	4059-DC1500	MOTOR & CONTROLLER				

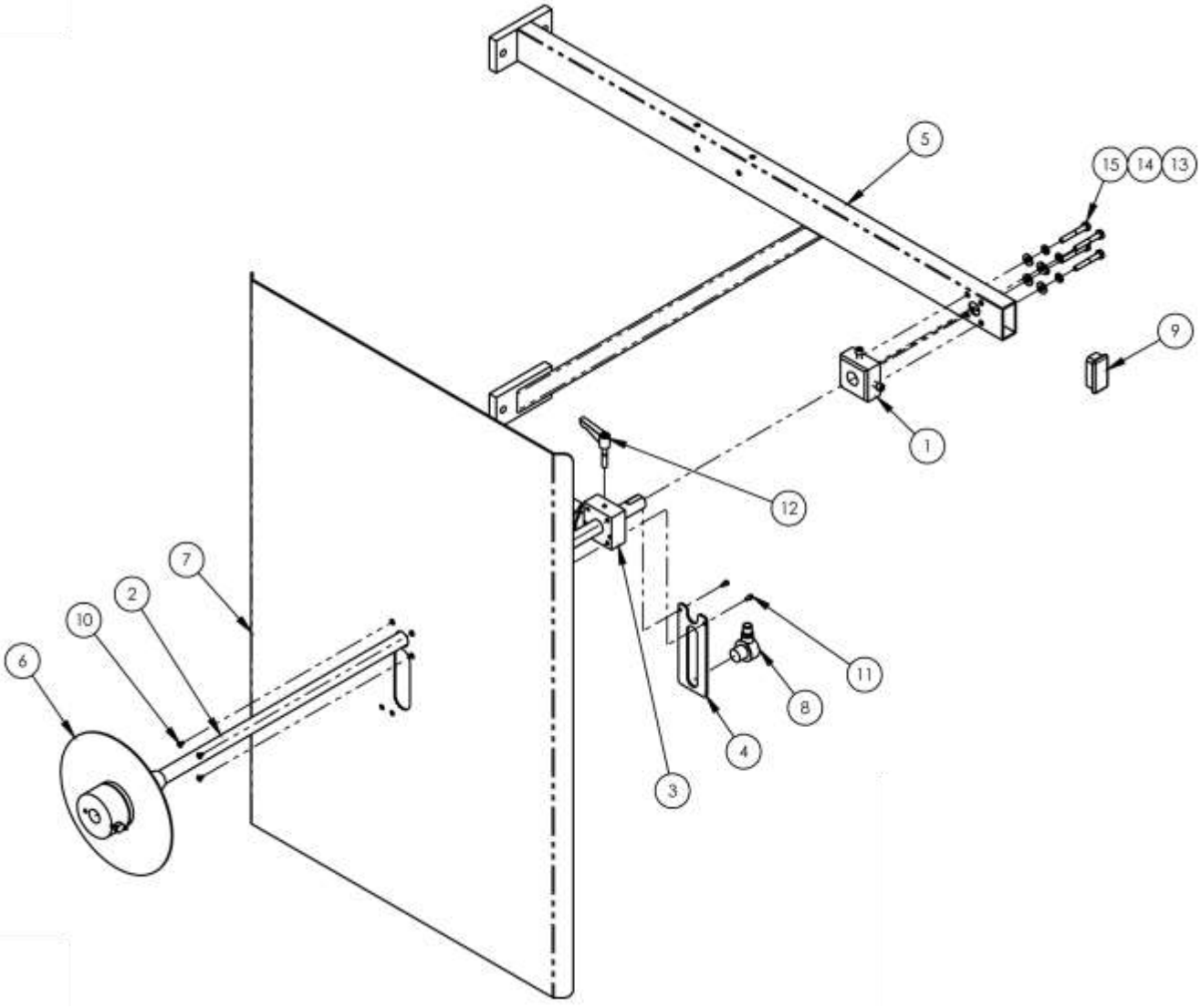


33008708 Ball Bearing Disc Assembly

AAC Drawing Number 9000904 Rev 4

NO.	QTY	PART #	DESCRIPTION
1	1	33008604	CONE, SPOOL
2	1	33008602	HUB, FLANGE 3/4 BORE
3	1	SEE CHART	SEE CHART
4	1	33008601	HUB, CENTER, 3/4 SHAFT
5	1	BB23216-88	BEARING,BALL,1.0B
6	1	RRLC026B1	SPRING,COMP .026X.18X.25
7	1	JJ012	3/16 DIA. BALL
8	1	SSSP01016	1/4-20 X 1/4 NYLOCK
9	1	SSW#1_4	WING SCREW KNOB
10	1	SSSC01064	1/4-20 X 1 SOC CAP
11	2	SSFS80016	6-32 X 1/4, FLAT SLOT

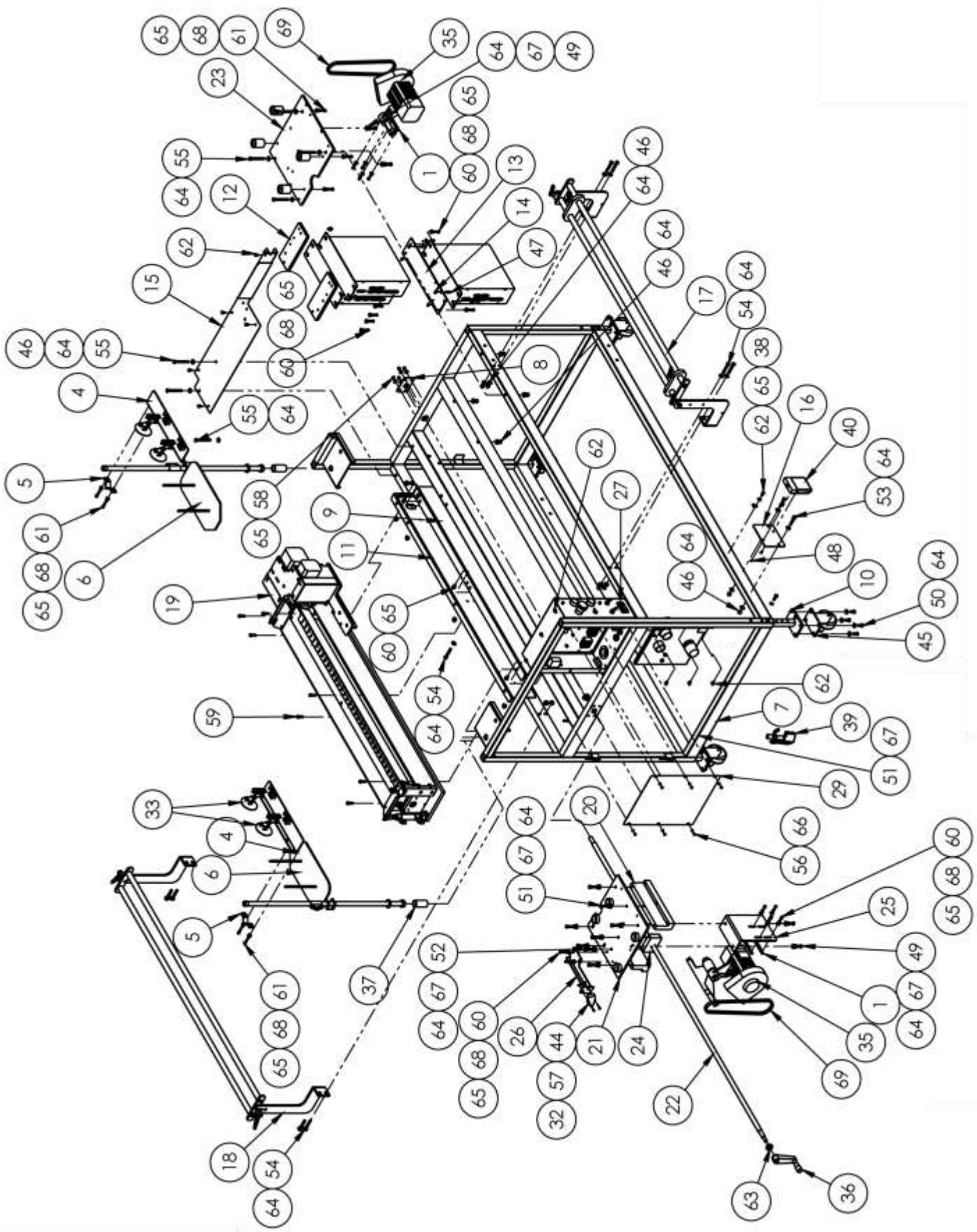
-	BALL BEARING	DISC ASSEMBLY	33008732
3	1	33008632	DISC 32" DIA
-	BALL BEARING	DISC ASSEMBLY	33008724
3	1	33008624	DISC 24" DIA
-	BALL BEARING	DISC ASSEMBLY	33008716
3	1	33008616	DISC 16" DIA
-	BALL BEARING	DISC ASSEMBLY	33008708



1961-250H Prefeed Assembly, 36” Cap

AAC Drawing Number 9001915 Rev 2

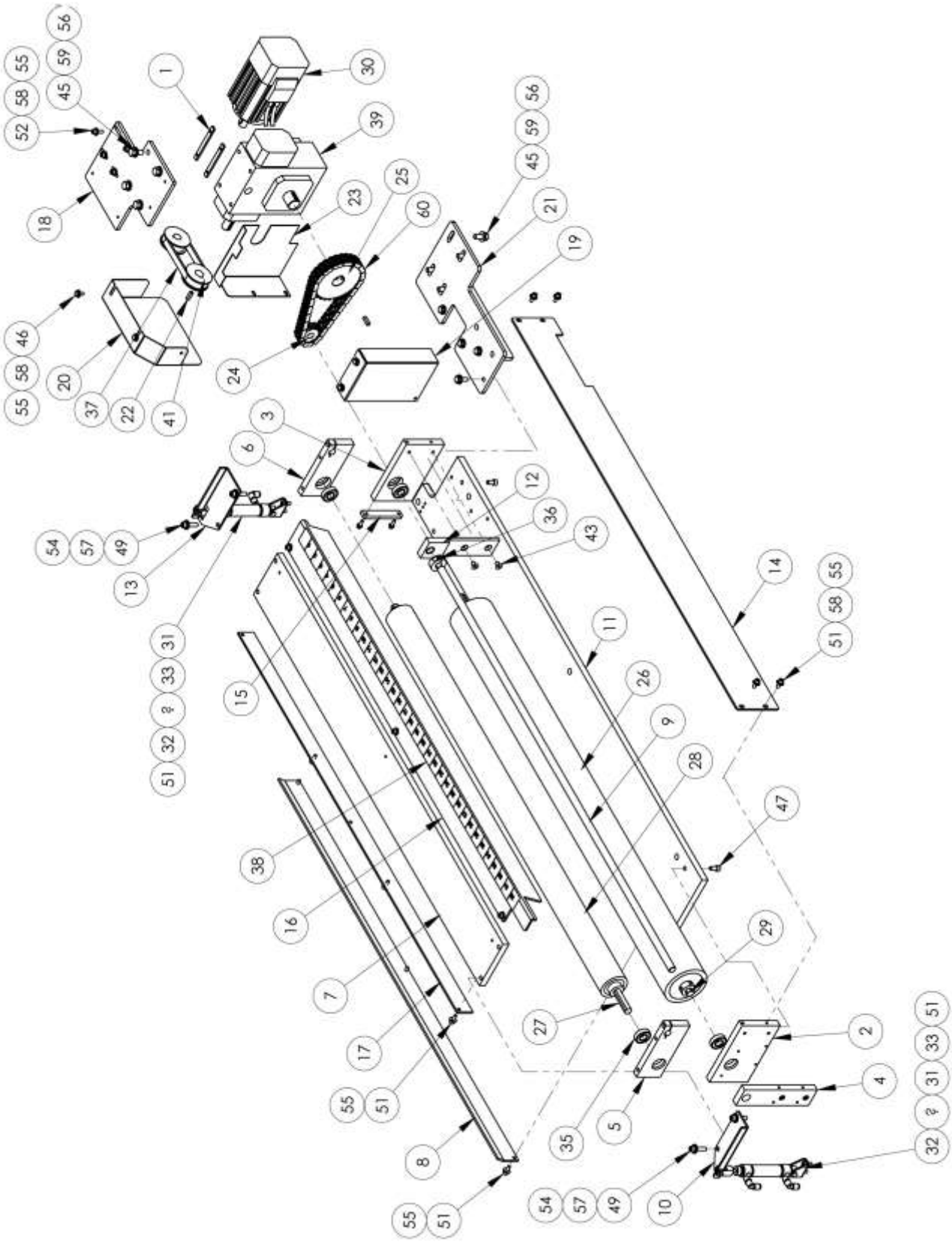
NO.	QTY	PART #	DESCRIPTION	NO.	QTY	PART #	DESCRIPTION
1	1	1961-251C	HUB UNWIND SHAFT	9	1	MM132-1496	PLUG 1 X 2
2	1	1961-252E	ROD,ROLL,38.0L	10	4	SSFC80016	6-32 X 1/4 FLAT SOC CAP
3	1	1961-253A	HUB, UNWIND STAND	11	2	SSSC80016	6-32 X 1/4 SOC CAP SC
4	1	1961-255	BRACKET, SENSOR MTG	12	2	TTH32416	HANDLE,THRD,1/4-20X1-1/8
5	1	1961-256	FRAME, SPINDLE HOLDER	13	4	WWFS1/4	WASHER,FLAT,SAE,1/4
6	1	33008708	BALL BEARING DISC ASSY	14	4	WWL1/4	WASHER,LOCK,1/4
7	1	784B-2436	PLATE, ALU, 23.75 X 31.75	15	4	SSHC01112	HEX HEAD BOLT 1/4-20X1.75
8	1	FFT18FF100Q	EYE,FIXED FIELD, 4IN				



1961-001J Main Assembly, Heavy Duty, 36”

AAC Drawing Number 9001950 Rev 8

NO.	QTY	PART #	DESCRIPTION	NO.	QTY	PART #	DESCRIPTION
1	4	0211-209	PLATE,NUT,10-32@2.25 CTC	36	1	951A-0844	CRANK HANDLE, MODIFIED
2	2	0211-702A	CABLE,POS. SENSOR,6'	37	2	97-2250A	SPACER, THREAD STAND
3	1	0211-705H	CABLE,TREADLE,EXTENSION	38	1	AAF3/16	CLAMP, BLACK PLASTIC
4	2	0411-069B	BRKT, THREAD BREAK DETECT	39	1	AAVBG35C	BLOW GUN ASSY WITH HOSE
5	2	0411-070	CLAMP, SENSOR BRACKET	40	1	EE24F163	FOOTSWITCH, TREADLITE
6	2	1959-112	2 POS THREAD PLATE ASSY	41	1	EEDC15X15	DUCT,WIRE COVER,1.5
7	1	1961-100E	FRAME ASSY	42	1	EEDE15X15	DUCT,WIRE,1.5X1.5
8	1	1961-101B	BRKT, HEAD ADJ SCREW	43	1	FFRK44T-4	CABLE,EYE,12',NO END
9	1	1961-111E	SUPPORT,PULLER,HEAVY DUTY	44	1	FFSM312LVQ	EYE,ELECTRIC,10-30VDC
10	4	1961-115	LEG WELDMENT	45	4	MM427-3RB	CASTER,SWIVEL,3"RUBBER
11	1	1961-121E	SUPPORT,PULLER	46	23	NNK1/4-20	NUT,HEX,KEP,1/4-20,W/LOCK
12	2	1961-122	MT, DUAL MOTOR CONTROL	47	4	SSFC80040	SCREW, SOC HD, 6-32 X 5/8
13	1	1961-125	BRKT,EFKA BOX HANG MOUNT	48	2	SSFS80016	6-32 X 1/4, FLAT SLOT
14	4	1961-126	PLATE, NUT, 6-32, 1PL	49	4	SSHC01032	1/4-20 X 1/2 HHCS
15	1	1961-154B	COVER,BELT,RH	50	16	SSHC01040	1/4-20 X 5/8 HHCS
16	1	1961-159	PLATE, MOUNT, FOOT PEDAL	51	14	SSHC01048	1/4-20 X 3/4 HEX CAP
17	1	1961-210E	TENSION RACK ASSY	52	2	SSHC01056	1/4-20 X 7/8 HEX CAP
18	1	1961-210F	TENSION RACK ASSY,36" CAP	53	2	SSHC01096	1/4-20 X 1-1/2 HHCS
19	1	1961-300GB	PULLER ASSY,36"WORM GEAR	54	10	SSHC01112	HEX HEAD BOLT 1/4-20X1.75
20	2	1961-401	RAIL,GUIDE	55	8	SSHC01160	1/4-20 X 2-1/2 HHCS
21	1	1961-405C	PLATE,LEFT HEAD W/MOTOR	56	6	SSPP80016	#6-32X1/4 PAN PHILLIPS
22	1	1961-406E	SCREW,HEAD LOCATION ADJUS	57	2	SSPS70048	4-40 X 3/4 PAN HD SLOTTED
23	1	1961-409B	PLATE, MOUNT, RIGHT HEAD	58	4	SSPS98024	10-32X3/8 PAN HD SLOT
24	1	1961-412A	BLOCK,INDEX,LEFT HEAD	59	7	SSSC01048	1/4-20 X 3/4" SOC CAP SC
25	2	1961-421	MT,MOTOR,EFKA	60	25	SSSC98032	10-32X1/2, SOC CAP
26	1	1961-424	MOUNT, POSITION EYE	61	8	SSSC98048	10-32 X 3/4 SOC CAP
27	1	1961-900D	CONTROL BOX	62	13	SSZS93032	SCREW, SHT.METAL 10 ZIP
28	*AR	1961-900WD3	DIAGRAM, WIRING	63	2	UUFF723-05	BEARING,BRONZE,.505ID
29	1	1961-903A	COVER, ELECTRICAL PANEL	64	71	WWFS1/4	WASHER,FLAT,SAE,1/4
30	*AR	1961LAB3	LABEL	65	38	WWFS10	WASHER, FLAT, #10, SAE
31	*AR	1961PD1	DIAGRAM, PNEUMATIC	66	6	WWFS6	WASHER, FLAT, #6
32	1	1975-412A	PLATE,NUT,4-40,.95CTC	67	20	WWL1/4	WASHER,LOCK,1/4
33	4	4003-IS3WT2	SENSOR,THREAD BREAK	68	30	WWL10	WASHER,LOCK,#10
34	2	4003-MA3/FE	CABLE,8 FT,3 FEM	69	2	ZX3827	V-BELT,3/8 X 27"
35	2	4059-DC1500	MOTOR,DC WITH CONTROLLER	70	4	1100321B	MOUNT,ISOLATOR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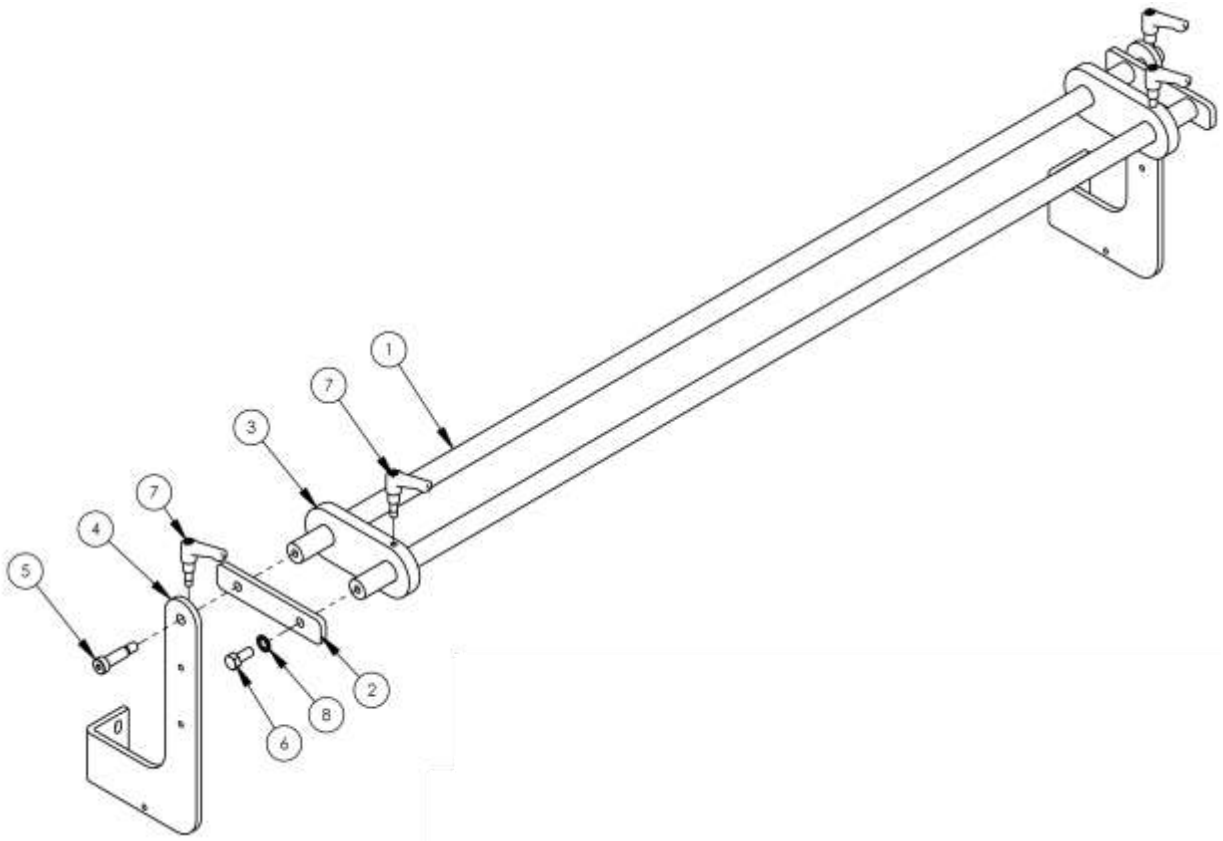
1961-300GB Puller Assembly, 36” Worm Gear

AAC Drawing Number 9000849 Rev 3

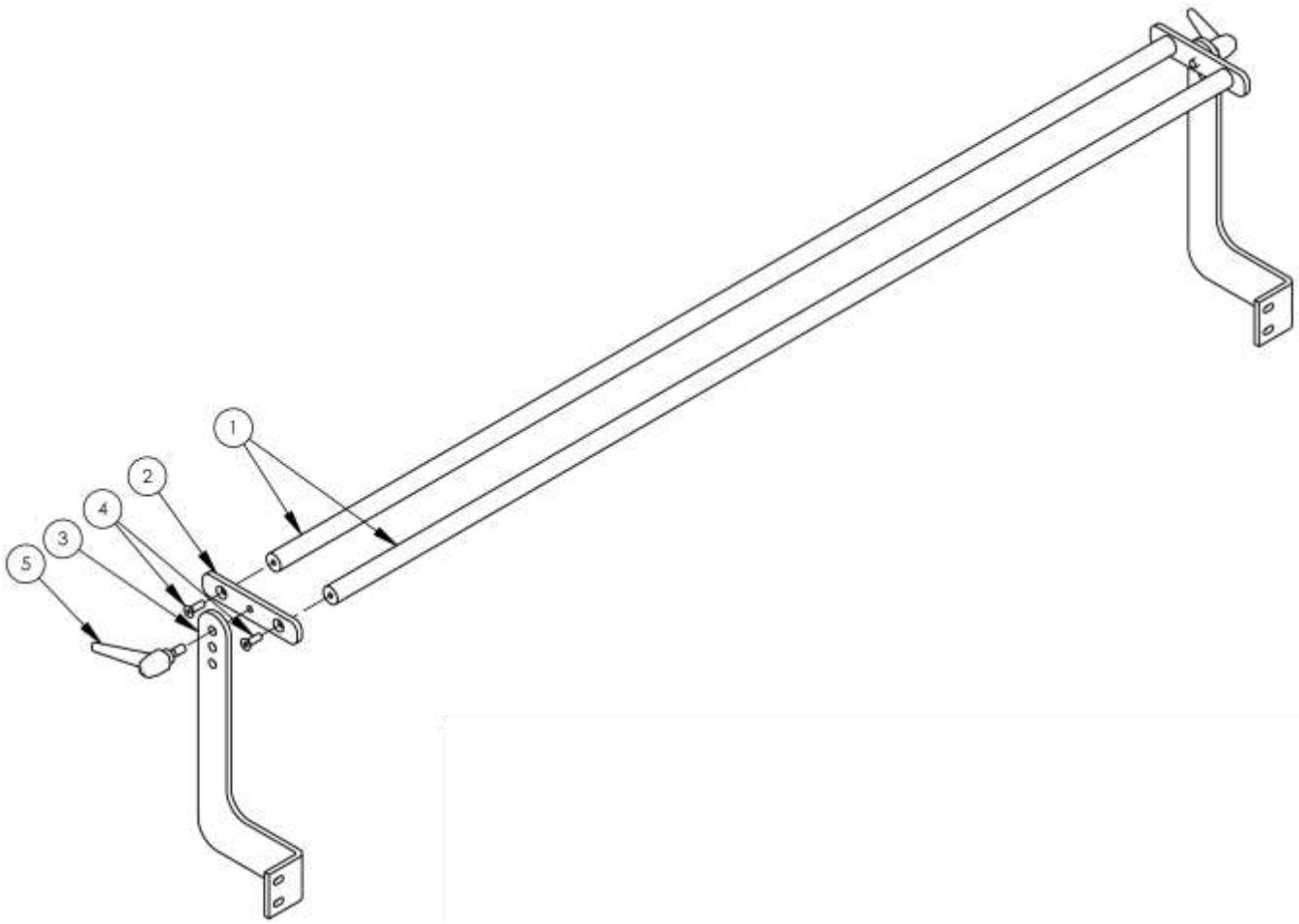
NO	QTY	PART #	DESCRIPTION	NO	QTY	PART #	DESCRIPTION
1	2	0211-209	PLATE,NUT,10-32@2.25 CTC	31	2	AAC7DP-1	CYL.,AIR,DA 3/4 BORE,1STR
2	1	1961-302	PLATE,LEFT SIDE,PULLER	32	2	AAFBP-11C	BRKT,PIVOT,1/4 BORE
3	1	1961-303	PLATE,RIGHT SIDE,PULLER	33	2	AAFCT-7	HUMPHREY CLEVIS
4	1	1961-304	HINGE PLATE,PULLER	34	4	AAQME-5-8	QUICK MALE ELBOW
5	1	1961-305	TOP,LEFT SIDE,PULLER	35	4	BB1L005	BEARING,BALL,.500D
6	1	1961-306	TOP,RIGHT SIDE,PULLER	36	1	CCCL8F	CLAMP COLLAR- 1/2
7	1	1961-307E	PLATE, TOP, PULLER	37	1	GG124L050	BELT, 3/8P, 33 TH, 1/2W
8	1	1961-309E	GUARD,ROLLER,36"	38	1	MM1910A23	RULER,SILVER MYLAR 36"
9	1	1961-311E	ROD,STRIAGHT,CRS,1/2X	39	1	MM20U1-	WORM, REDUCE,30:1,RH
10	1	1961-312A	BRKT,LIFT,LEFT	40	1	MMD35CL	MASTER LINK,DBL,#35
11	1	1961-313E	PLATE, BASE, PULLER	41	1	PP14LF050M1	PULLEY,3/8P,14T,5/8 BORE
12	1	1961-314	PLATE,HINGE,PULLER	42	1	PP14LF050M2	PULLEY,3/8P,14T,5/8 BORE
13	1	1961-315A	BRKT,LIFT	43	2	SSFC01024	1/4-20 X 3/8 FLAT CAP
14	1	1961-316E	BOTTOM,GUARD,36"	44	4	SSHC01048	1/4-20 X 3/4 HEX CAP
15	1	1961-323	SPACER, ALUM, 1/4	45	8	SSHC10048	5/16-18 X 3/4 HHCS
16	1	1961-363E	GUARD, TOP	46	4	SSHC98032	10-32X1/2 HEX HD
17	1	1961-371E	GUARD,ROLLER,36"	47	4	SSSC01032	1/4-20X1/2 SOC CAP
18	1	1961022	MTG. PLT, EFKA MOTOR	48	2	SSSC01048	1/4-20 X 3/4" SOC CAP SC
19	1	1961024	GUARD, WORM DRIVE	49	4	SSSC01064	1/4-20 X 1 SOC CAP
20	1	1961025	GUARD, EFKA MOTOR	50	2	SSSC90032	#8-32 X 1/2 SOC CAP SC
21	1	1961027	PLATE,MNT,WORM DRIVE	51	17	SSSC98032	10-32X1/2, SOC CAP
22	2	1961028	KEY, 3/16 SQ X 11/16 LG	52	4	SSSC98040	10-32 X 5/8 SOC CAP
23	1	1961058	COVER, ROLLER DRIVE BELT	53	2	WWF8	WASHER, FLAT, #8
24	1	1961100	SPROCKET, 12T, 35, DBL, M	54	8	WWFS1/4	WASHER,FLAT,SAE,1/4
25	1	1961101	SPROCKET, 30T, 35, DBL,	55	21	WWFS10	WASHER, FLAT, #10, SAE
26	1	33005603E	PULLER, ROLLER, 36" CAP.	56	8	WWFS5/16	WASHER,FLAT,SAE,5/16
27	1	3.30E+09	SHAFT, PREFEED DRIVE, 36"	57	8	WWL1/4	WASHER,LOCK, 1/4
28	1	33005652E	PULLER, ROLLER, 36" CAP.	58	21	WWL10	WASHER,LOCK,#10
29	1	3.30E+10	SHAFT, PREFEED IDLER	59	8	WWL5/16	WASHER,LOCK, 5/16
30	1	4059-DC1500	MOTOR & CONTROLLER	60	1	MMD35	CHAIN,STEEL, DBL #35-2



1961-210E Tension Rack Assembly

AAC Drawing Number 9001642 Rev 1

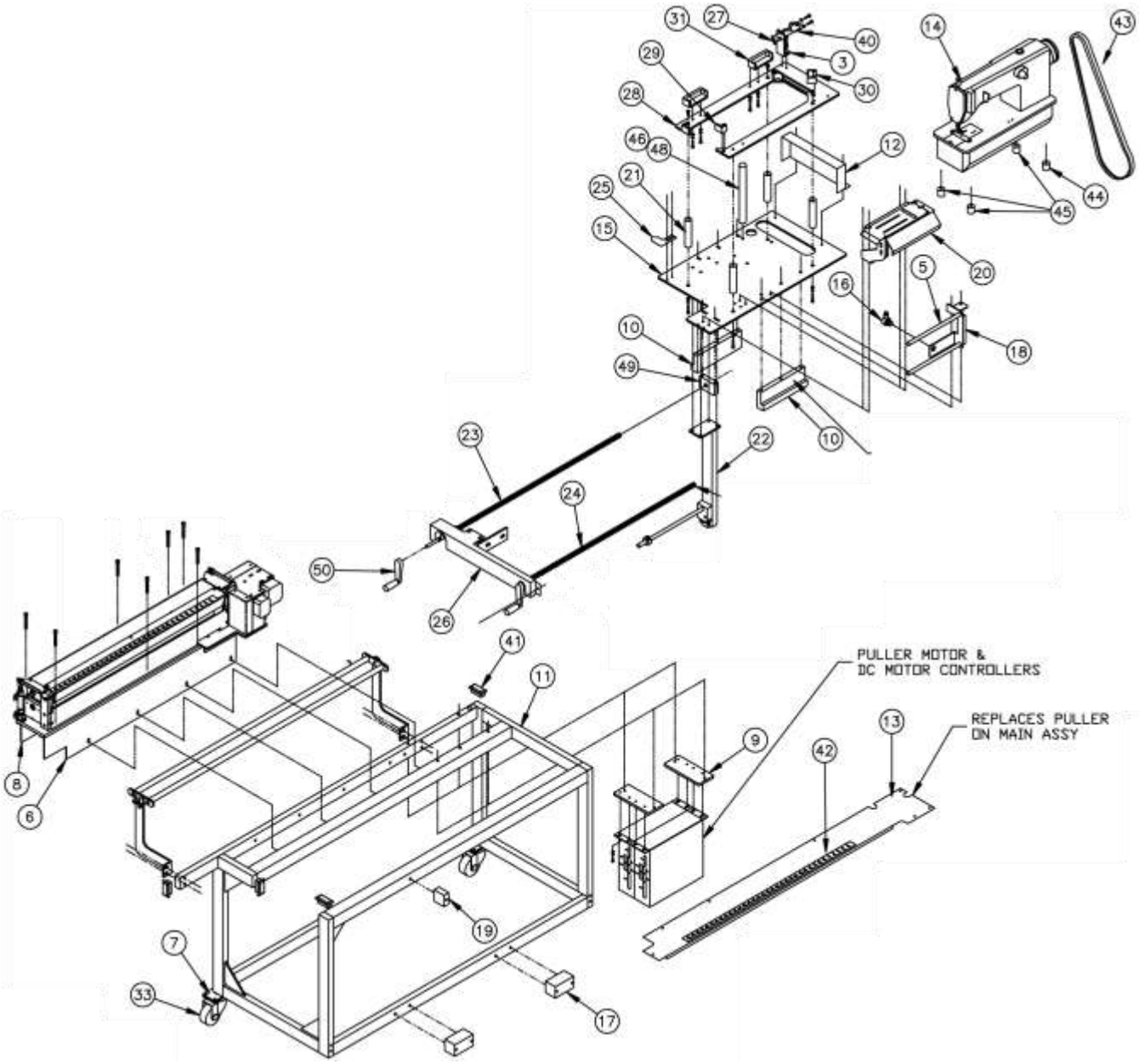
NO.	QTY	PART #	DESCRIPTION
1	2	1961-206F	ROD, MATERIAL TENS 41.5L
2	2	1961-207	PLATE, END
3	2	1961-211	PLATE, EDGE GUIDE
4	2	1961-403A	SUPPORT, GUIDE
5	2	SSAS024064	SHULDER BOLT 3/8 X .1.00L
6	2	WWSI5/16	WASHER,INTERNAL TOOTH,5/16
7	4	TTH32415	HANDLE,THREADED,1/4-20X7/
8	2	SSHC10048	5/16-18 X 3/4 HHCS



1961-210F Tension Rack Assembly, 36” Cap

AAC Drawing Number 9001940 Rev 1

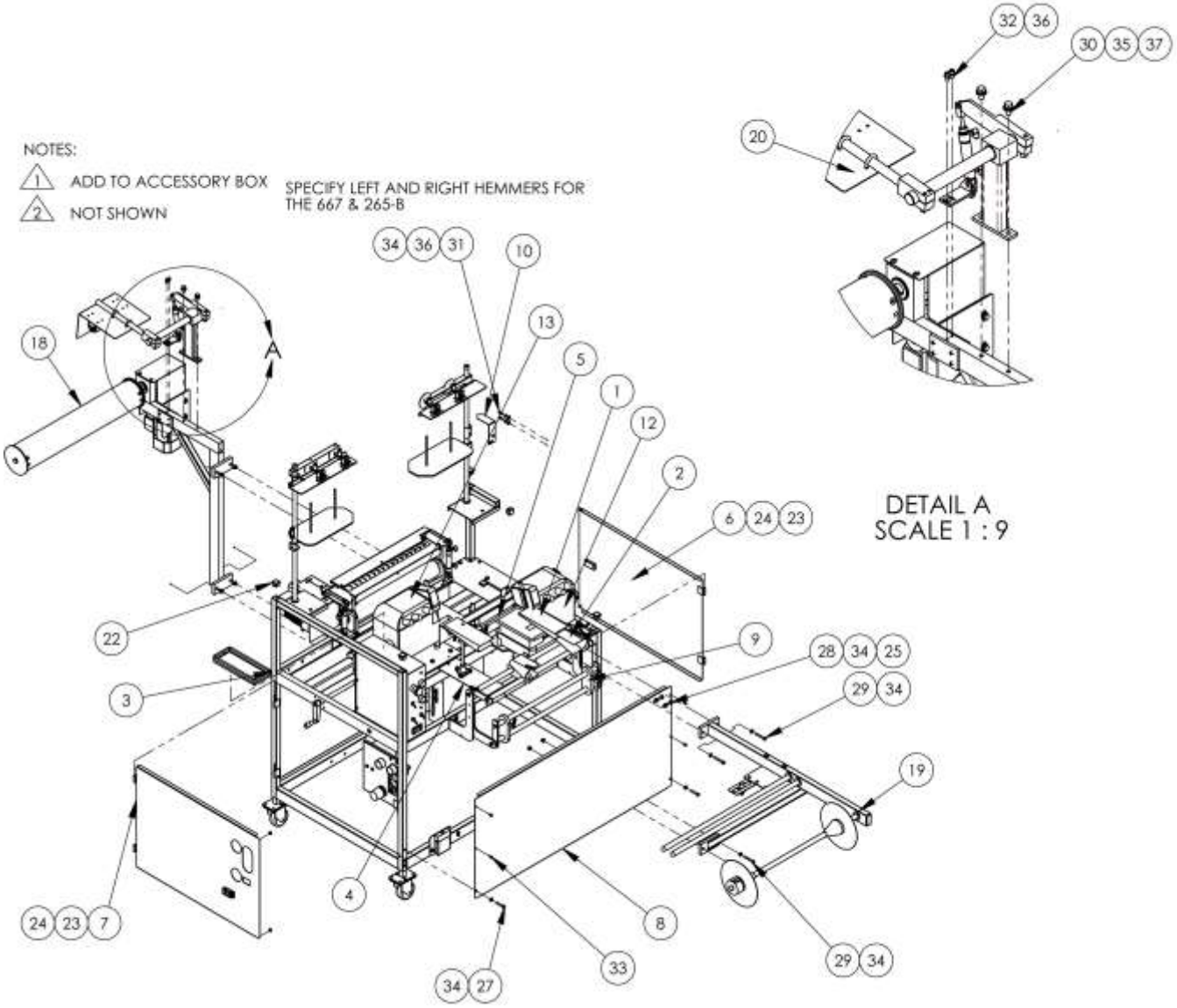
NO.	QTY	PART #	DESCRIPTION
1	2	1961-206G	ROD, MATERIAL TENS 47.26"
2	2	1961-207A	PLATE, END
3	2	1961-403D	SUPPORT, GUIDE
4	4	SSFC01048	1/4-20 X 3/4 FLAT CAP
5	2	TTH32425	HANDLE,THRDED,5/16-18X3/4


PULLER MOTOR &
DC MOTOR CONTROLLERS
REPLACES PULLER
ON MAIN ASSY

1961-700B Flanger Assembly, 0-36” Capacity

AAC Drawing Number 192158B Rev 1

NO.	QTY	PART #	DESCRIPTION	NO.	QTY	PART #	DESCRIPTION
1	1	0211-702C	CABLE,POS. SENSOR	26	1	1961-750	SEWING HD ADJ ASSY
2	1	0211-705J	CABLE,THREADLE,EXT	27	1	1975-412A	PLATE, NUT,4-40@.96
3	1	1278-6689B	BRKT, EYE MNT	28	1	32006503	TOP PLATE
4	1	12788-503C	CABLE, 12' L,2COND	29	3	32006505	BRKT,CORNER,SML
5	2	1335-803	ROD,SS1/2X10.75	30	1	32006506	BRKT,CORNER,LRG
6	1	1961-111G	SUPPORT,PULLER,FRONT	31	2	32006522	MNT,HINGE
7	2	1961-115	LEG WELDMENT	32	2	4003-IS3WT2	SENSOR,THD BRK
8	1	1961-121G	REAR SUPPORT	33	2	MM427-3RB	CASTER, 3" SWIVEL W/ LOCK
9	2	1961-122	MNT,DUAL MOTOR CONTRL	34	1	4059-DC1500	MOTOR,DC W/ CONTROLLER
10	2	1961-401	RAIL GUIDE	35	40	AATP5/32	5/32" OD AIRLINE
11	1	1961-710A	FRAME ASSEMBLY	36	6	AATPWL5/8	LOOM,WIRE1-5/8 ID
12	1	1961-712	COVER,UPPER BELT	37	7	EE16-4	CABLE,4COND,16AWG
13	1	1961-716B	PLATE COVER	38	3	FF3077-28	WIRE,STR,#16
14	1	1961-720	SEW HEAD ASSEMBLY	39	1	FFRK44T-4	EYE CABLE
15	1	1961-721	TOP PLATE	40	1	FFSM312LVQ	ELECTRIC EYE
16	1	FF18FF25Q	EYE,FIXED FIELD	41	4	MM132-1496	END CAP
17	2	1961-724	SPACER,2X2X3.75	42	2	MM1910A23M	RULER, SILVER, 36"
18	1	1961-727	BRKT, TENSION	43	1	ZX3848	V BELT,3/8X48"
19	1	1961-728	SPACER,1X2X2	44	1	MMF01A0419	PAD, VIBRATION,LG
20	1	1961-730	GUIDE ASSEMBLY	45	3	MMF01A1419	PAD, VIBRATION,SML
21	4	1961-734	STAND OFF, SUB TABLE	46	1	MMSJ5017	BUMPER, 3M
22	1	1961-740	FLANGE ROLL HOLDER	47	2	TT552514	RING,TERMINAL
23	1	1961-735B	SCREW,JACK,5/8-11X52.63L	48	1	1961-722	ROD, CRS,.75X10.5L
24	1	1961-746B	SCREW,JACK,5/8-11X64.0L	49	1	1961-412A	BLOCK,INDEX,LF HD
25	2	1961-747	POINTER, SCALE	50	1	951A-0844	CRANK HANDLE, MOD

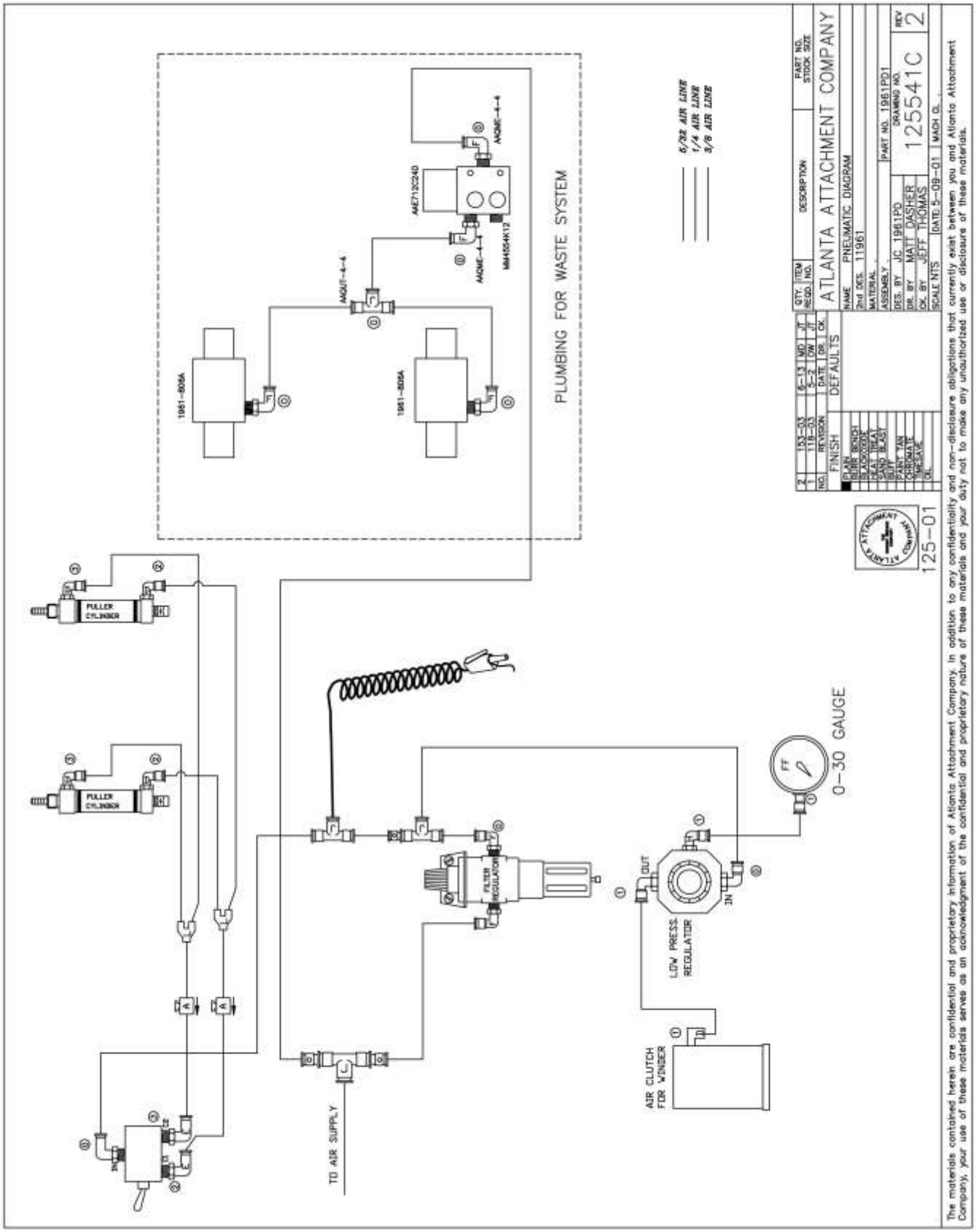

NOTES:
1 ADD TO ACCESSORY BOX
2 NOT SHOWN
SPECIFY LEFT AND RIGHT HEMMERS FOR THE 667 & 265-B
DETAIL A
SCALE 1 : 9
A
32 36
30 35 37
20
34 36 31
10
13
5
1
12
2
18
6 24 23
22
9
28 34 25
29 34
3
19
24 23 7
4
8
33
29 34
34 27

11961EG71A AUTO TANDEM L&R HEMMER

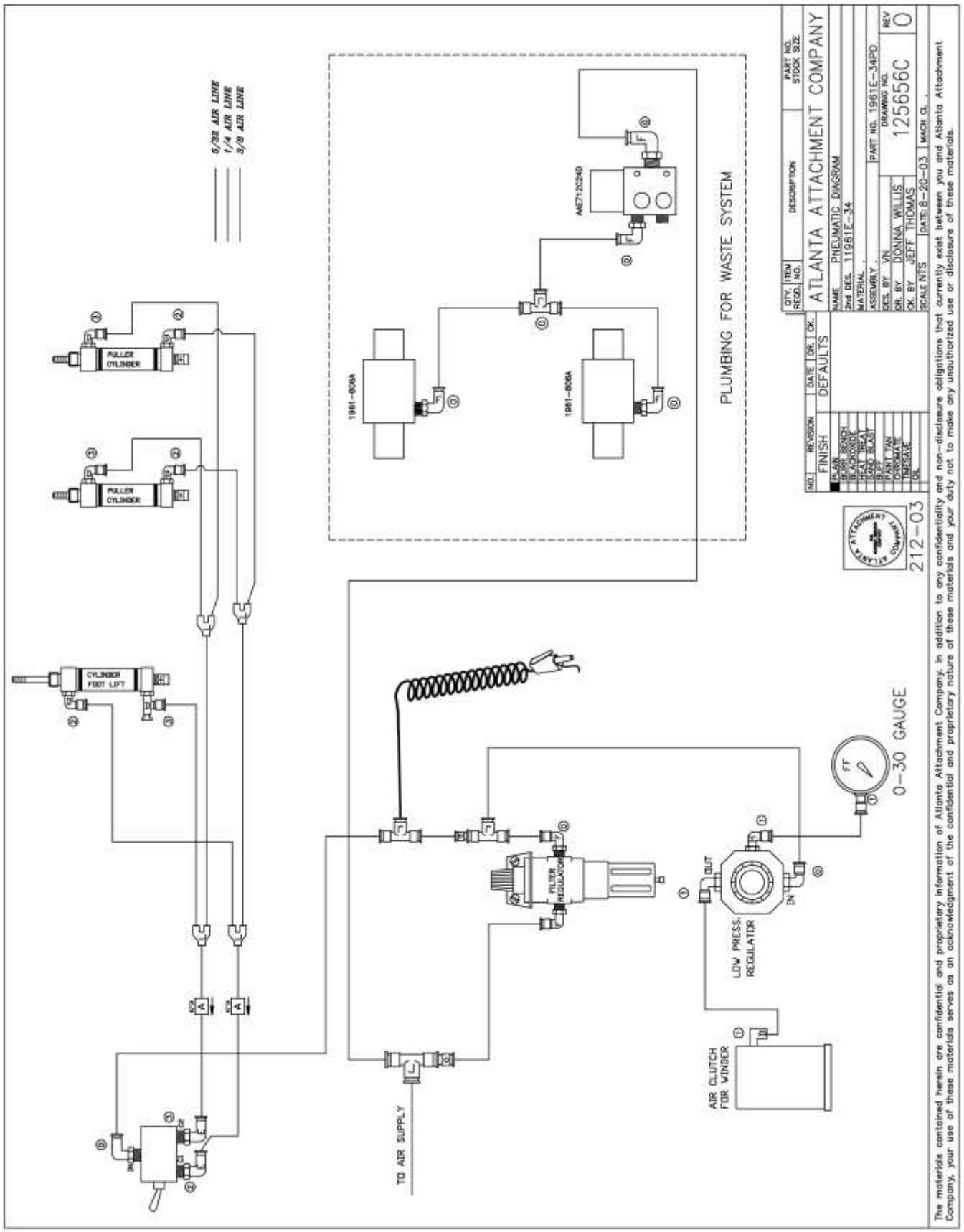
AAC Drawing Number 9003696 Rev 1

NO	QTY	PART #	DESCRIPTION
1	2	265-B	DRAPERY HEM, D.T.
2	2	667	PREFOLD FOR AUTO HEM
3	1	1961-001M	MAIN ASSY,REVERSE PLR
4	1	1961-128	BRKT, MATL CONTROL ROD MNT
5	1	1961-129	MAT'L CONT ROD ASBLY
6	1	1961-151B	DOOR
7	1	1961-151C	DOOR
8	2	1961-152C	COVER, REAR
9	1	1961-210J	TENSION RACK ASS,AUX,18"
10	1	1961-410A	POINTER,SERGE WIDTH
11	1	1961-428	EDGE GUIDE
12	1	1961-500J	SEW HEAD ASM, RH, HEM
13	1	1961-500K	SEW HEAD ASM, LH, HEM
14	AR	1961-900WD3	DIAGRAM, WIRING
15	AR	1961-LPAR	PARAMETER SETTINGS,L
16	AR	1961-PPAR	PARAMETER SETTINGS,PL
17	1	26151	TRAY,SMALL TOOL,3X9
18	1	1961265	ROLLER OUTFEED
19	1	1961270	INFEED ASSY
20	1	1961332	GUARD ASSY, PIVOTING
21	1	AATPWL1	LOOM,WIRE,1"
22	5	MM132-1202	END CAP,SQUARE,BLACK
23	2	MM40450010	FASTENER,SLIDE LOCK
24	9	MMSLD-ECH	1/2" DIA RUBBER BUMPER
25	6	NNK1/4-20	NUT,KEP,1/4-20
26	3	SSFS90048	#8-32 X 3/4 FLAT SLOT
27	4	SSHC01096	1/4-20 X 1-1/2 HHCS
28	2	SSHC01112	1/4-20 X 1-3/4 HHCS
29	4	SSHC01128	1/4-20 X 2 HEX CAP
30	2	SSHC25048	3/8-16X3/4,HEX CAP
31	2	SSM3236136	1/4-40 X 9/16" SOC CAP
32	2	SSSC01032	1/4-20X1/2 SOC CAP
33	11	SSZS93032	SCREW, SHT.METAL 10 ZIP
34	18	WWFS1/4	WASHER,FLAT,SAE,1/4
35	2	WWFS3/8	WASHER,FLAT,SAE,3/8
36	4	WWL1/4	WASHER,LOCK, 1/4
37	2	WWL3/8	WASHER,LOCK, 3/8
38	1	ZZ11961E	TECHNICAL MANUAL

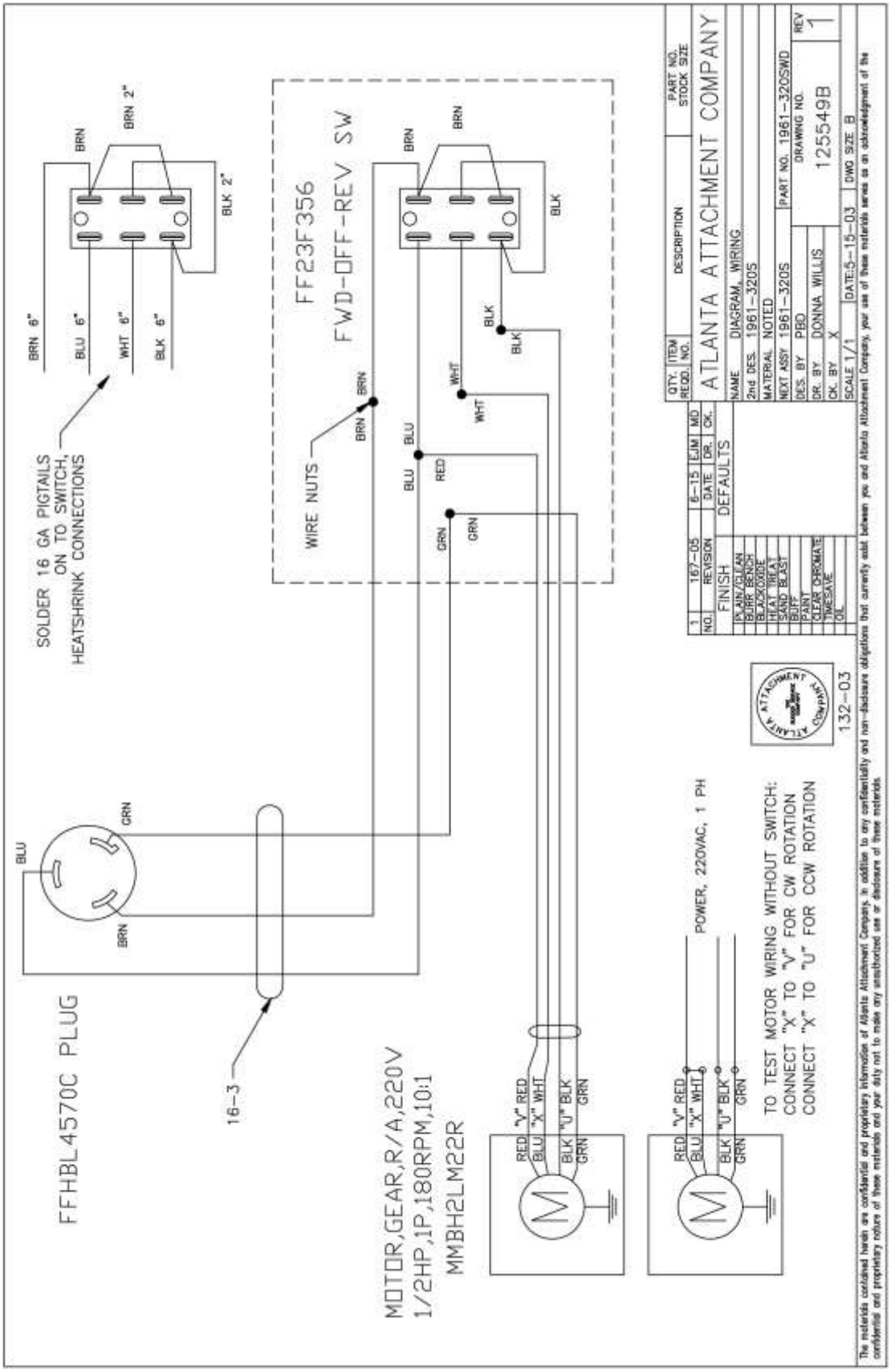
1961PD1 Pneumatic Diagram



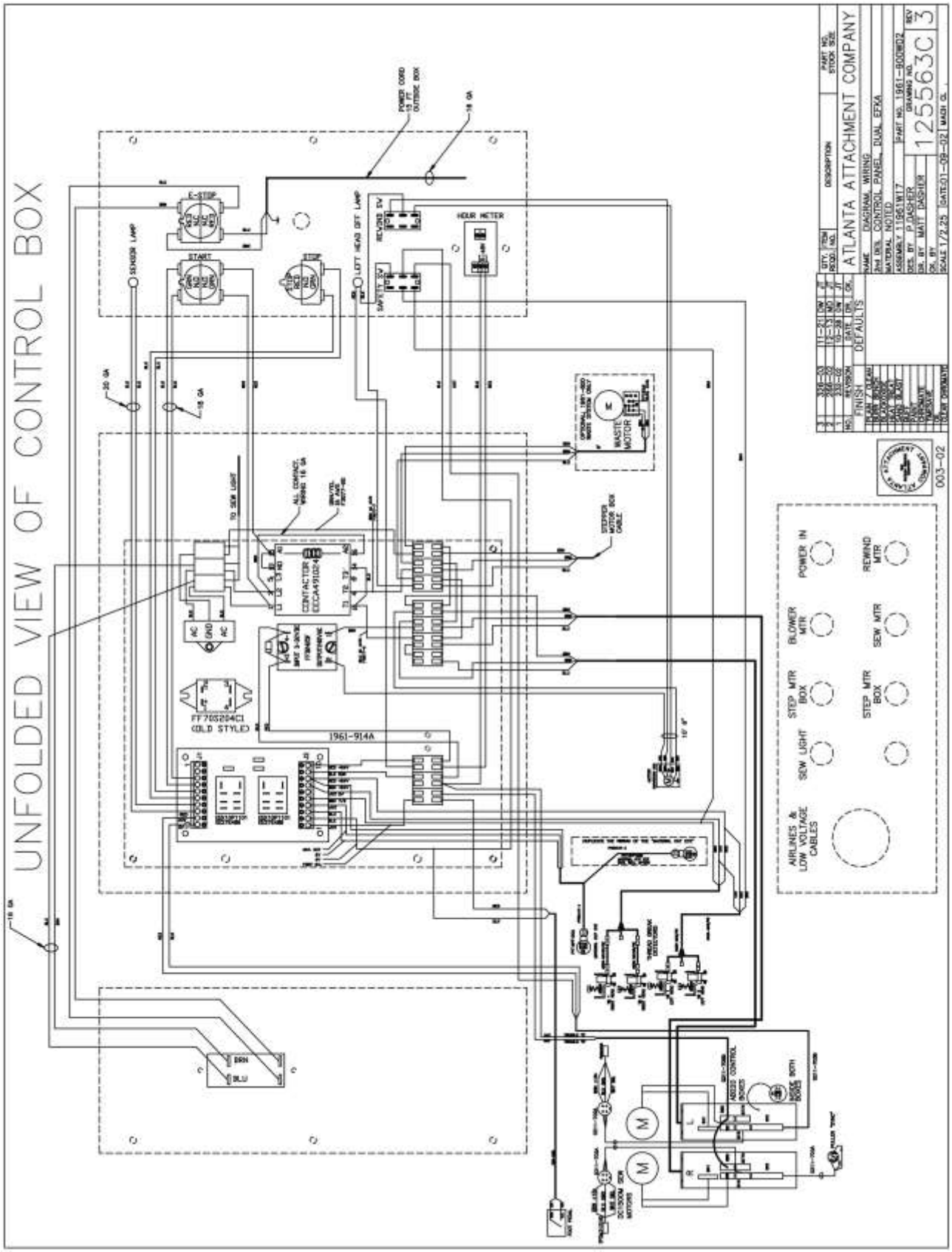
1961E-34PD Pneumatic Diagram



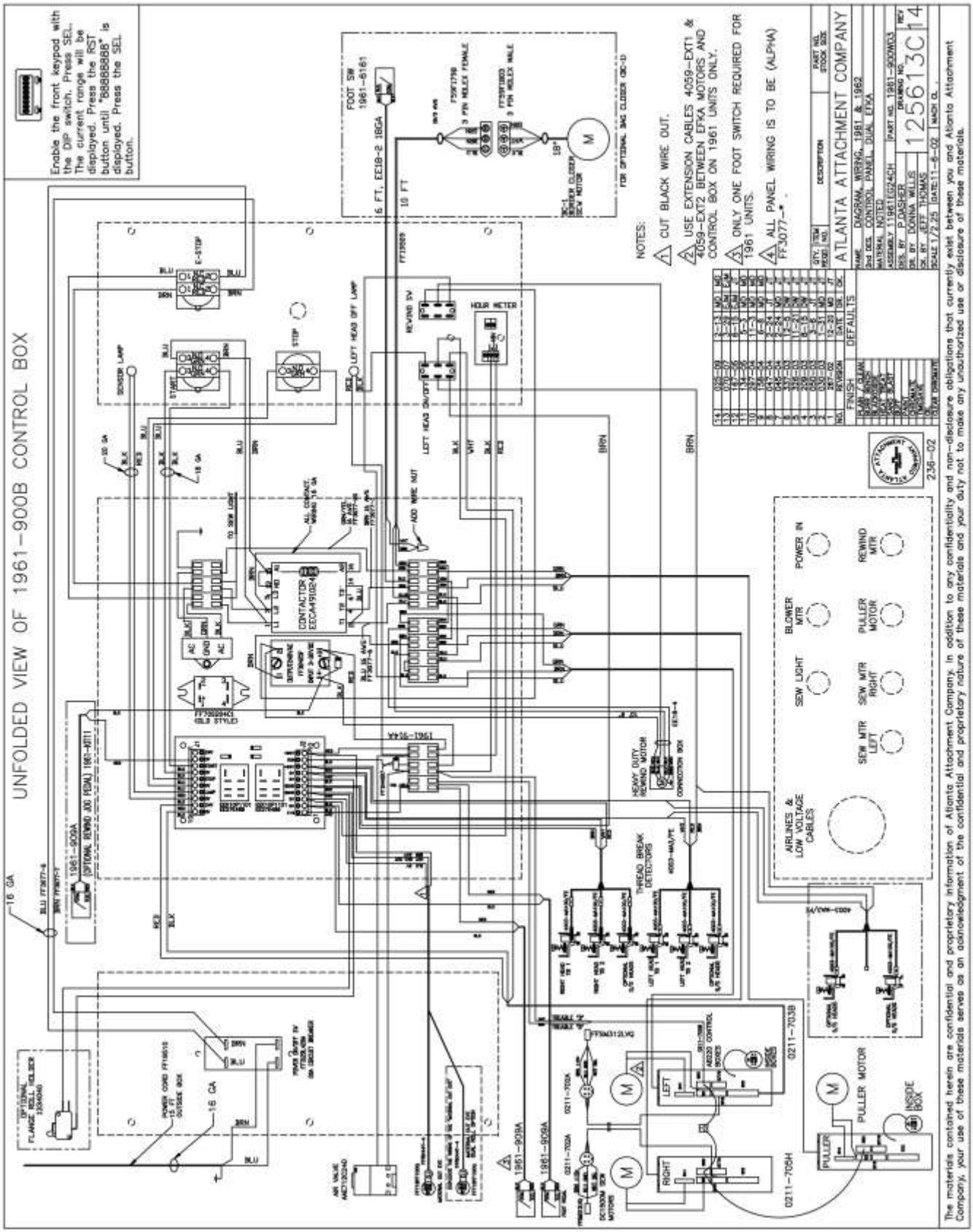
1961-320SWD Wiring Diagram



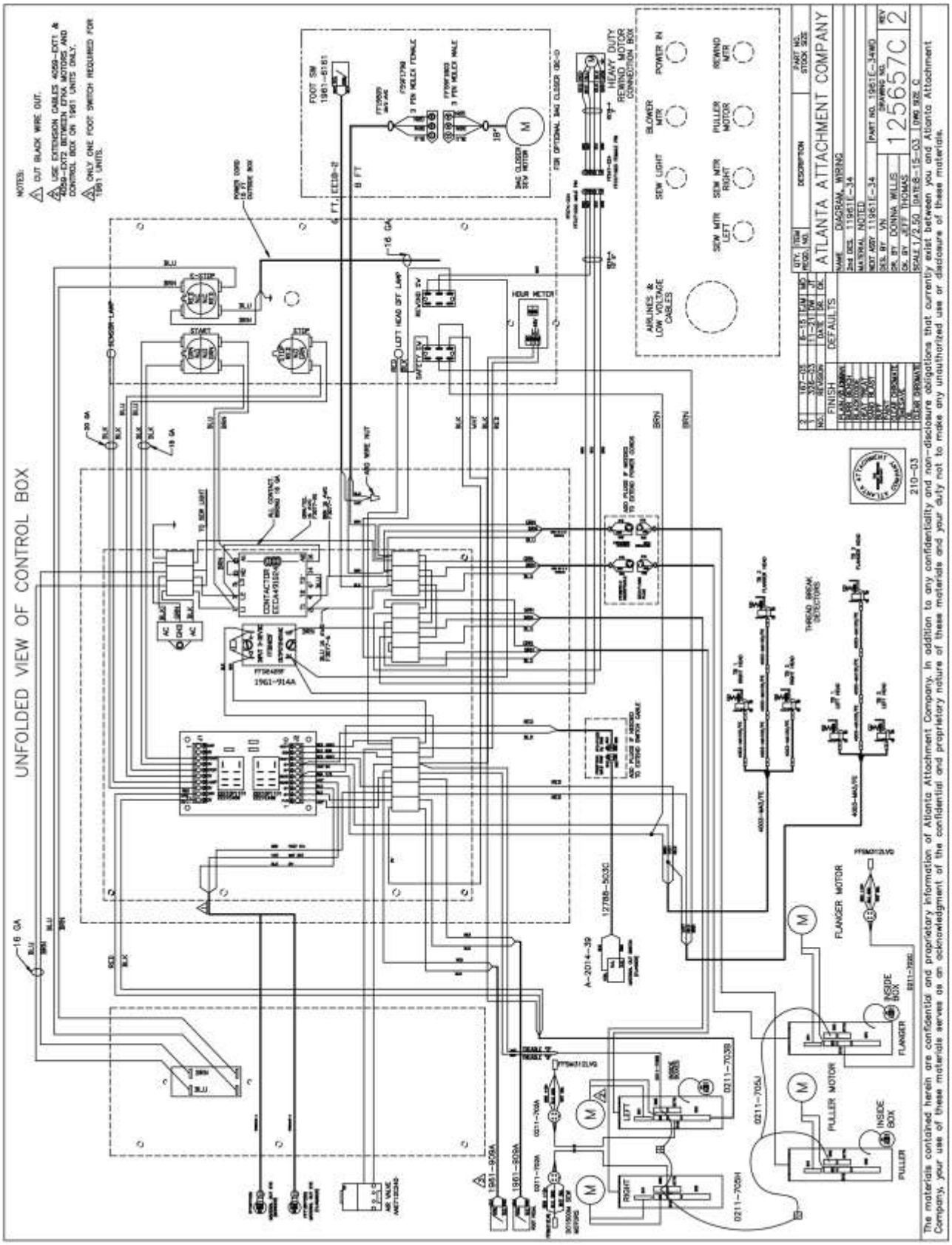
1961-900WD2 Wiring Diagram



1961-900WD3 Wiring Diagram



1961E-34WD Wiring Diagram



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 whichever 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 whichever 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 manufacturers (OEM) warranty.
- AAC will assist in the procurement and handling of the manufacturers (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.

Declaración de Garantía

Productos Manufacturados

Atlanta Attachment Company garantiza que los productos de fabricación son libres de defectos de mate-rial y de mano de obra durante un periodo de ochocientos (800) horas de operación o cien (100) días cual llegue primero. Atlanta Attachment Company garantiza que todos los componentes del Serial bus son libres 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 vía 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 las máquinas o piezas defectuosas devueltas para AAC.
- AAC reserva el derecho para tomar la decisión final sobre toda cuestión de garantía.
- Las garantías de AAC tiene una validez de ochocientas (800) horas o cien (100) días cual llega primero.
- AAC garantiza la operación satisfactoria de sus máquinas en base de las normas aceptadas de la industria siempre y cuando se instale use y mantenga de forma apropiada.
- 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 al menos que sea autorizado por AAC antes de cualquier reclamo.

Lo Que Está Garantizado

- Componentes eléctricos que no están incluidos dentro del sistema Serial Bus que fallen por defectos de materiales o de fabricación que han sido manufacturados por AAC son garantizados por un período de ochocientas (800) horas.
- Componentes mecánicos que fallen por defectos de materiales o de fabricación que han sido manufacturados por AAC son garantizados por un periodo de ochocientas (800) horas.
- 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 a raíz de mal transporte, accidentes, incendios o cualquier daño como resultado de servicio por personas no autorizados o instalaciones incorrectas de conexiones eléctricas o neumáticas.
- Desgaste normal de piezas como correas, anillos de goma, cuchillas, 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 fuera de las instalaciones de AAC
- Pérdida de tiempo, ingresos potenciales, y/o ganancias.
- Daños personales y/o daños a la propiedad como resultado de la operación de este equipo.

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