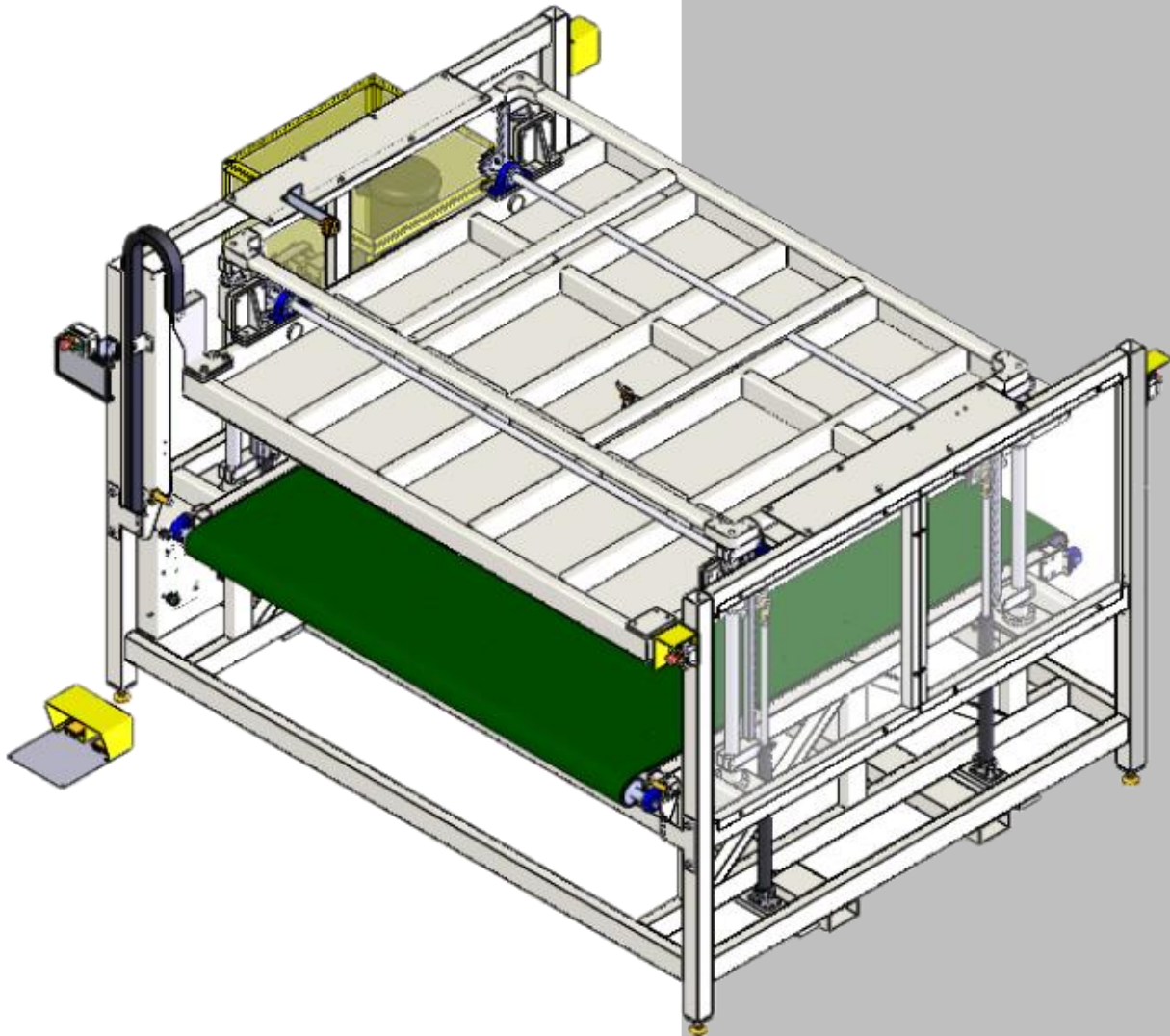




Model **1406A**

Rev 0 Created Aug 15, 2023(wr)

INSTRUCTION & PARTS LIST



362 Industrial Park Drive

Lawrenceville, GA 30046

770-963-7369 • www.atlatt.com

ATLANTA ATTACHMENT COMPANY, INC.

Confidential and Proprietary Information

The materials contained herein are confidential and proprietary information of Atlanta Attachment Company. In addition to any confidentiality and non-disclosure obligations that currently exist between you and Atlanta Attachment Company, your use of these materials serves as an acknowledgment of the confidential and proprietary nature of these materials and your duty not to make any unauthorized use or disclosure of these materials.

All materials contained herein are additionally protected by United States Copyright law and may not be used, disclosed, reproduced, distributed, published, or sold without the express written consent of Atlanta Attachment Company, which consent may be withheld in Atlanta Attachment Company's sole discretion. You may not alter or remove any copyright, trademark, or other notice from copies of these materials.

This equipment may be protected by one or more US and foreign patents.

For a complete list visit
atlatt.com/patents.php



IMPORTANT

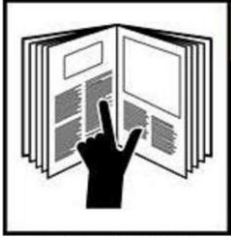
It is important to read and understand the information contained within this manual before attempting to operate the machine. Atlanta Attachment Co., Inc. shall not be held liable for damage resulting from misuse of the information presented within, and reserves the right to change the information contained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

Table of Contents

ATLANTA ATTACHMENT COMPANY, INC.	2
CONFIDENTIAL AND PROPRIETARY INFORMATION.....	2
IMPORTANT SAFETY INSTRUCTION.....	5
MANDATORY INFORMATION	5
SCOPE OF THE INSTRUCTION MATERIAL	5
INTENDED USE.....	5
EXCLUSION OF MISUSE	6
LIABILITY.....	6
CHOICE AND QUALIFICATION OF PERSONNEL.....	6
TRAINING	7
RESPONSIBILITIES	7
A WORD TO THE OPERATOR	7
SAFETY EQUIPMENT ON THE MACHINES	7
DAMAGE.....	8
FAULTS OR ERRORS	8
SIGNS ON THE MACHINE.....	8
PROTECTIVE EYEWEAR.....	8
TOOLS.....	8
OILS, LUBRICANTS, CHEMICALS	8
NO SMOKING, FIRE, EXPLOSION HAZARD	9
WORKPLACE	9
EMERGENCY STOP	9
FIRST AID	9
IMPORTANT NOTICES	9
REPORTING AND FIGHTING FIRES	9
ELECTRICAL POWER SUPPLY	10
DELIVERY OF THE MACHINE/PACKAGING	10
TRANSPORT DAMAGE.....	11
INTERIM STORAGE.....	11
TRANSPORTING THE MACHINE.....	11
WORKPLACE ENVIRONMENT	11
LOCAL REGULATIONS.....	12
CONNECTION, RECONNECTION.....	12
ELECTRICAL CONNECTION.....	12

PNEUMATIC CONNECTION	12
MAINTENANCE	12
GENERAL SAFETY INSTRUCTIONS	12
MAINTENANCE, CARE, ADJUSTMENT	13
WASTE, DISASSEMBLY, DISPOSAL	13
REPAIR	13
REPLACEMENT PARTS	13
REPAIR, ELECTRICAL	13
VENTILATION/HAZARDOUS GASES	14
HYDRAULIC AND PNEUMATIC SYSTEMS	14
GENERAL LIABILITY	14
STARTING MACHINE MOVEMENTS	14
A WORD TO THE END USER	14
OPERATION	15
TOUCH SCREEN DETAILS	15
ASSEMBLY DRAWINGS & PARTS LISTS	20
11406A MATT COMPRESSION ASSEMBLY	21
1406-KIT 2 UPPER & LOWER SEAL BAR KIT	24
1406120 LOWER SEAL BAR ASSEMBLY.....	25
1406116 REGULATOR ASSEMBLY.....	26
14061364 SEAL BAR RELAY ASSEMBLY.....	27
1406090 UPPER SEAL BAR ASSEMBLY.....	28
1306102 BALANCING ASSEMBLY, $\frac{3}{4}$ "	31
1406050 SEAL BAR ASSEMBLY.....	33
1278-6160G FOOT SWITCH ASSEMBLY, 11458	34
1406095 HYDRAULIC PUMP ASSEMBLY	35
1406105 PLATTEN ASSEMBLY	36
14061180 MAIN CONSOLE ASSEMBLY	38
14061170 CONTROL ASSEMBLY.....	40
14061181 TOUCH SCREEN ASSEMBLY	42
1406-HD HYDRAULIC DIAGRAM	43
1406A-PD PNEUMATIC DIAGRAM	44
1406A-WD1 WIRING DIAGRAM, POWER	45
1406A-WD2 WIRING DIAGRAM, SERIAL BUS	46
1406A-WD3 WIRING DIAGRAM, SAFETY	47

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 your machine and describes the dangers inherent in machinery. Some of these dangers are obvious, while others are less evident.

Mandatory Information

All persons working on the machine should read and understand all parts of the Safety Instructions. This applies, in particular, for persons who only work on the machine 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
- Serial Bus Control system Operator instructions
- 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 pneumatic 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.

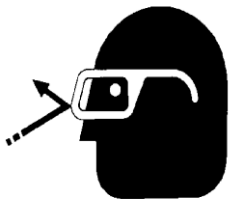
Signs on the Machine

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 set-up 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 us and/or your transport insurer without delay. 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.

Machine Installation

This equipment must be installed by an Atlanta Attachment Co. technician, or by a properly trained and authorized technician/mechanic. Atlanta Attachment Co. reserves the right to void any machine warranty if the machine is installed by anyone other than a qualified person as stated above

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.

Connection, Reconnection

Energy feed and discharge lines must be routed so that they do not run through the operator's working area, are not compressed, crushed or buckled, are not subjected to tensile stresses and cannot rub against anything. This is particularly important in the case of pneumatic, hydraulic and electricity lines or hoses. Always take the machine movements into account when routing such lines.

Electrical Connection

The machine shall only be connected to the factory power supply by a qualified electrician who is familiar with the local regulations. Before switching on the master switch, check that all fasteners are secure.

Pneumatic Connection

Only use dry filtered compressed air. Ensure that the air pressure always remains within the range specified, otherwise malfunctions may occur.

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

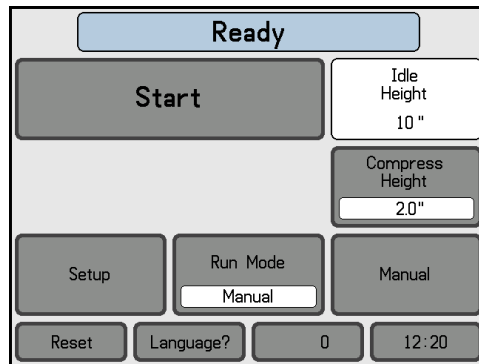
The end user has sole responsibility to enforce the use of safety procedures and guards on the machine. Any other safety devices or procedures due to local regulations should be should be retrofitted in accordance to these regulations and/or the EC Directive on the safety of machines.

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

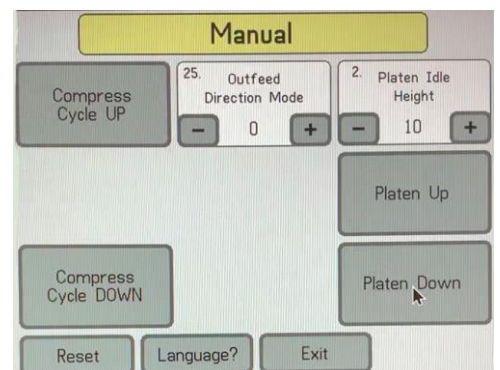
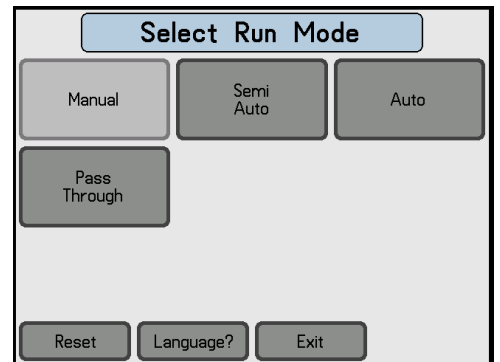
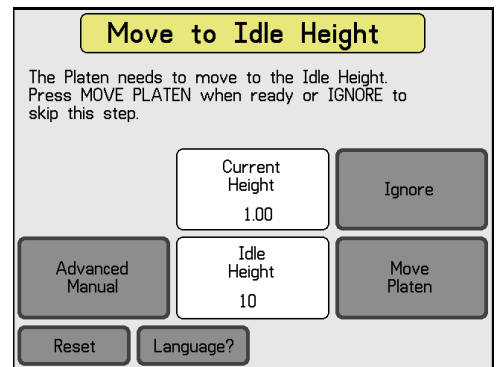
Operation

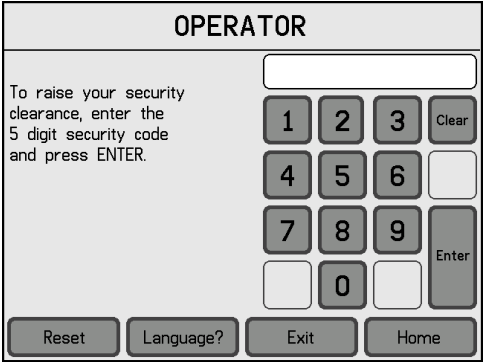
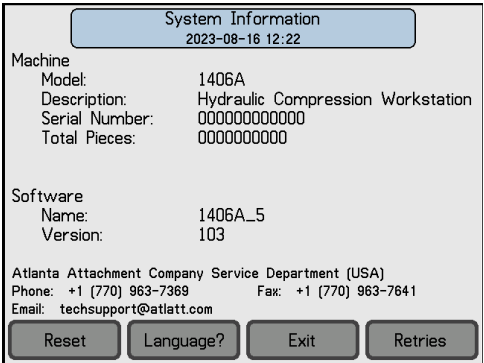
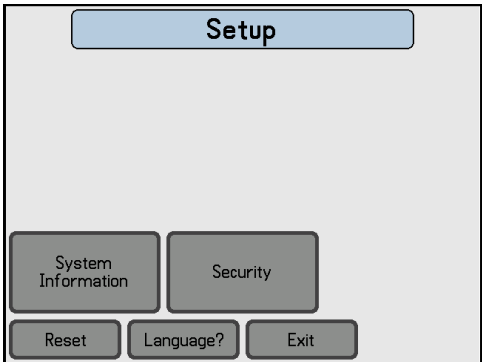
Touch Screen Details

Main Ready Screen

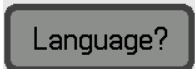


Operator Level Screens





Returns to Ready screen



Language, press to select available Language



Reset or reboot of program



Exit – returns to previous page



Piece Counter, press to access reset function



Clock, press to set time

Mechanic or Higher Security Level Screens



Setup

Show All Settings

Advanced Settings

Advanced Setup

System Information

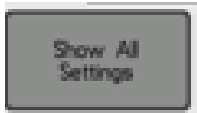
Security

Advanced Manual

Reset

Language?

Exit



1406A_5_103										
SN: 000000000000										
2023-08-16 12:48										
0	0	1	2	3	4	5	6	7	8	9
10	.00	1.0	1.0	70	3	1	329	1.70	1	.05
20	1.0	4.5	1.0	4.5	0	0	0	0	.5	5
30	—	1.0	0	0	.0	—	—	1	0	1
40	0	0	—	—	—	—	8.0	.24	—	—
50	165	3	10	2.0	3.0	4.0	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—
70	—	—	—	—	—	—	—	—	—	—
80	—	—	—	—	—	—	—	—	—	—
90	60.0	-60.0	—	—	—	.5	.5	—	—	—

Reset

Find?

Exit

Edit Sets



System Information

2023-08-16 12:22

Machine

Model: 1406A
 Description: Hydraulic Compression Workstation
 Serial Number: 000000000000
 Total Pieces: 0000000000

Software

Name: 1406A_5
 Version: 103

Atlanta Attachment Company Service Department (USA)
 Phone: +1 (770) 963-7369 Fax: +1 (770) 963-7641
 Email: techsupport@atlatt.com

Reset

Language?

Exit

Retries



Enter code to increase level

MECHANIC

To raise your security clearance, enter the 5 digit security code and press ENTER.

1

2

3

Clear

4

5

6

7

8

9

Enter

0

Reset

Language?

Exit

Home

HEAD MECHANIC

To raise your security clearance, enter the 5 digit security code and press ENTER.

1

2

3

Clear

4

5

6

7

8

9

Enter

0

Reset

Language?

Exit

Home

TECHNICIAN

To raise your security clearance, enter the 5 digit security code and press ENTER.

1

2

3

Clear

4

5

6

7

8

9

Enter

0

Reset

Language?

Exit

Home

Engineer

To lower your security clearance, enter the 5 digit security code and press ENTER.

1

2

3

Clear

4

5

6

7

8

9

Enter

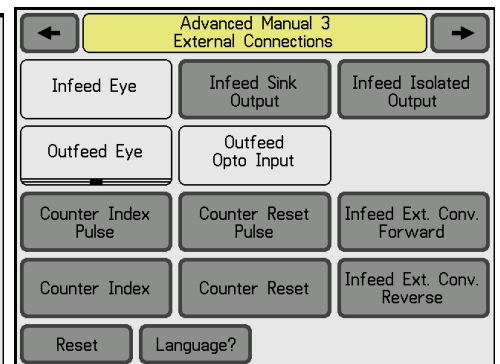
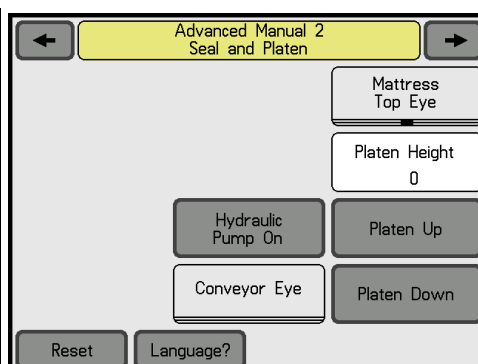
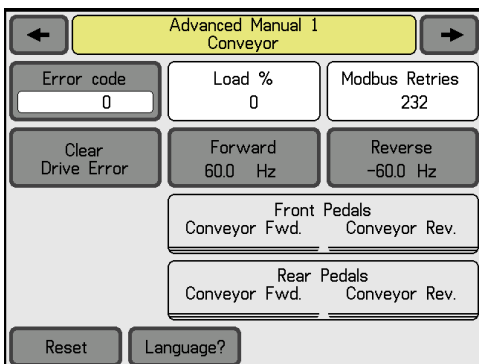
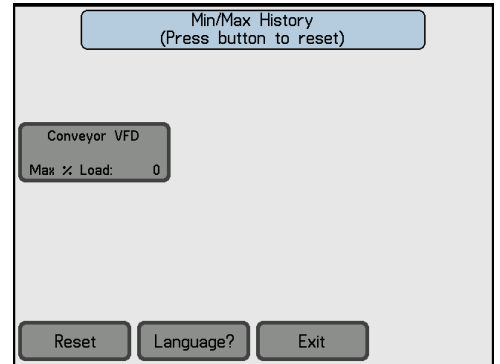
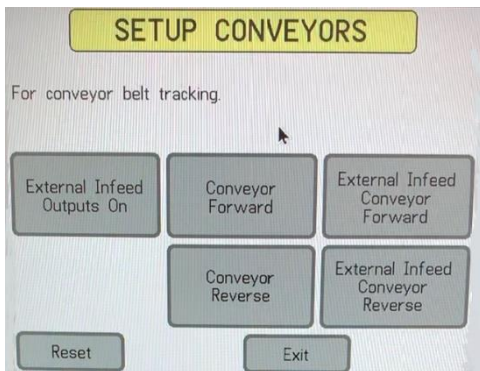
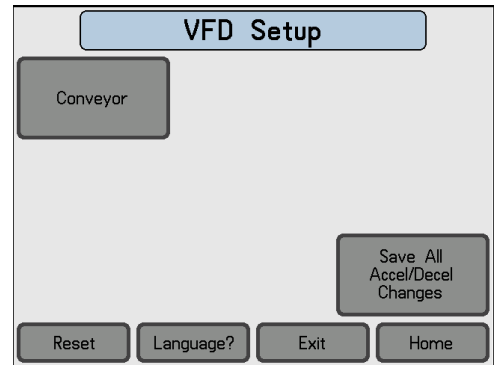
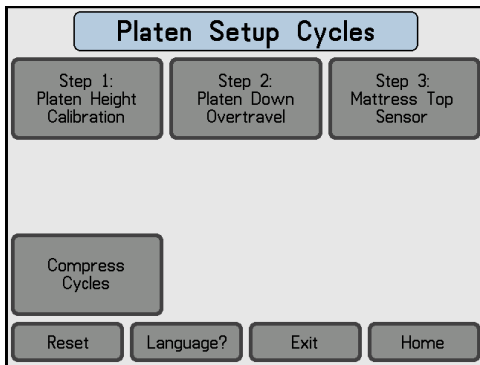
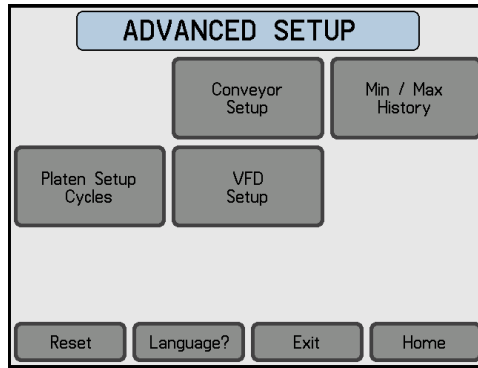
0

Reset

Language?

Exit

Home



Advanced Settings

← ADVANCED SETTINGS 1 →			
1. Run Mode	2. Platen Idle Height	3. Compression Mode	
- 3 +	- 10 +	- 0 +	
4. Platen Compress Height 1	5. Platen Compress Height 2	6. Platen Compress Height 3	
- 2.0 +	- 3.0 +	- 4.0 +	
7. Platen Compress Ratio 1	8. Platen Compress Ratio 2	9. Platen Compress Ratio 3	
- 20 +	- 40 +	- 60 +	
Reset	Find?	Exit	Home

← ADVANCED SETTINGS 2 →			
10. Platen Down Overtravel	11. Infeed Ext Conv Start Time	12. Infeed Ext Conv Stop Time	
- .00 +	- 1.0 +	- 1.0 +	
	14. Hydraulic Pump Time Out		
	- 3 +		
		18. Compression Cycles	
		- 1 +	
Reset	Find?	Exit	Home

← ADVANCED SETTINGS 3 →			
19. Conveyor Infeed Time	20. Compression Cool Time	21. Conveyor Outfeed Time	
- .05 +	- 1.0 +	- 4.5 +	
22. Conveyor Eye Short Timeout	23. Conveyor Eye Long Timeout	24. Infeed Ext. Conv. Eye Mode	
- 1.0 +	- 4.5 +	- 0 +	
25. Outfeed Direction Mode	26. Outfeed External Input Mode	27. Outfeed External Eye Mode	
- 0 +	- 0 +	- 0 +	
Reset	Find?	Exit	Home

← ADVANCED SETTINGS 4 →			
28. Compress Cycle Recovery Time			
- .5 +			
31. Platen Height Minimum	32. Platen Calibration Low	33. Platen Calibration High	
- 1.0 +	- 0 +	- 0 +	
Reset	Find?	Exit	Home

Assembly Drawings & Parts Lists

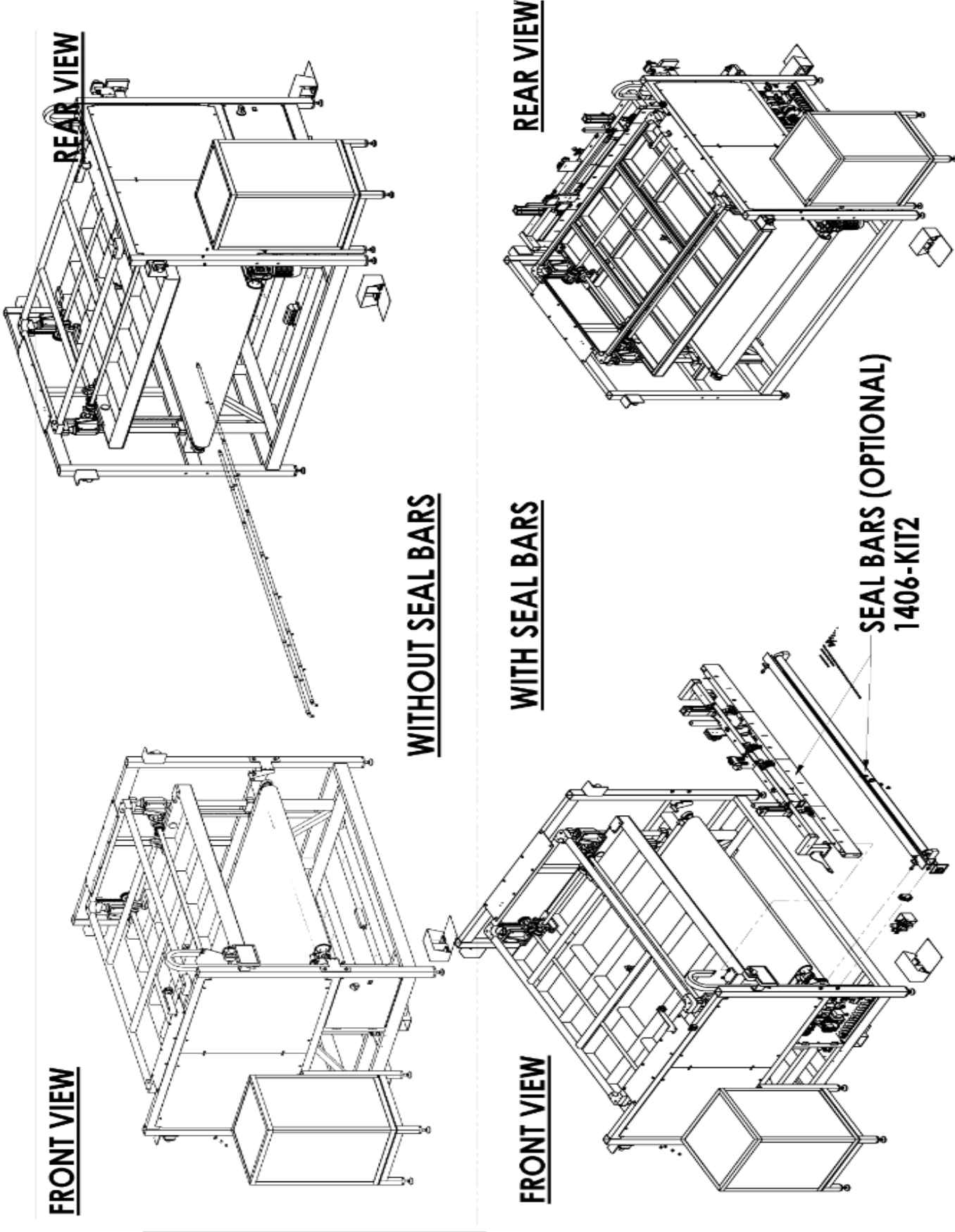
The materials contained herein are confidential and proprietary information of Atlanta Attachment Company. In addition to any confidentiality and non-disclosure obligations that currently exist between you and Atlanta Attachment Company, your use of these materials serves as an acknowledgment of the confidential and proprietary nature of these materials and your duty not to make any unauthorized use or disclosure of these materials.

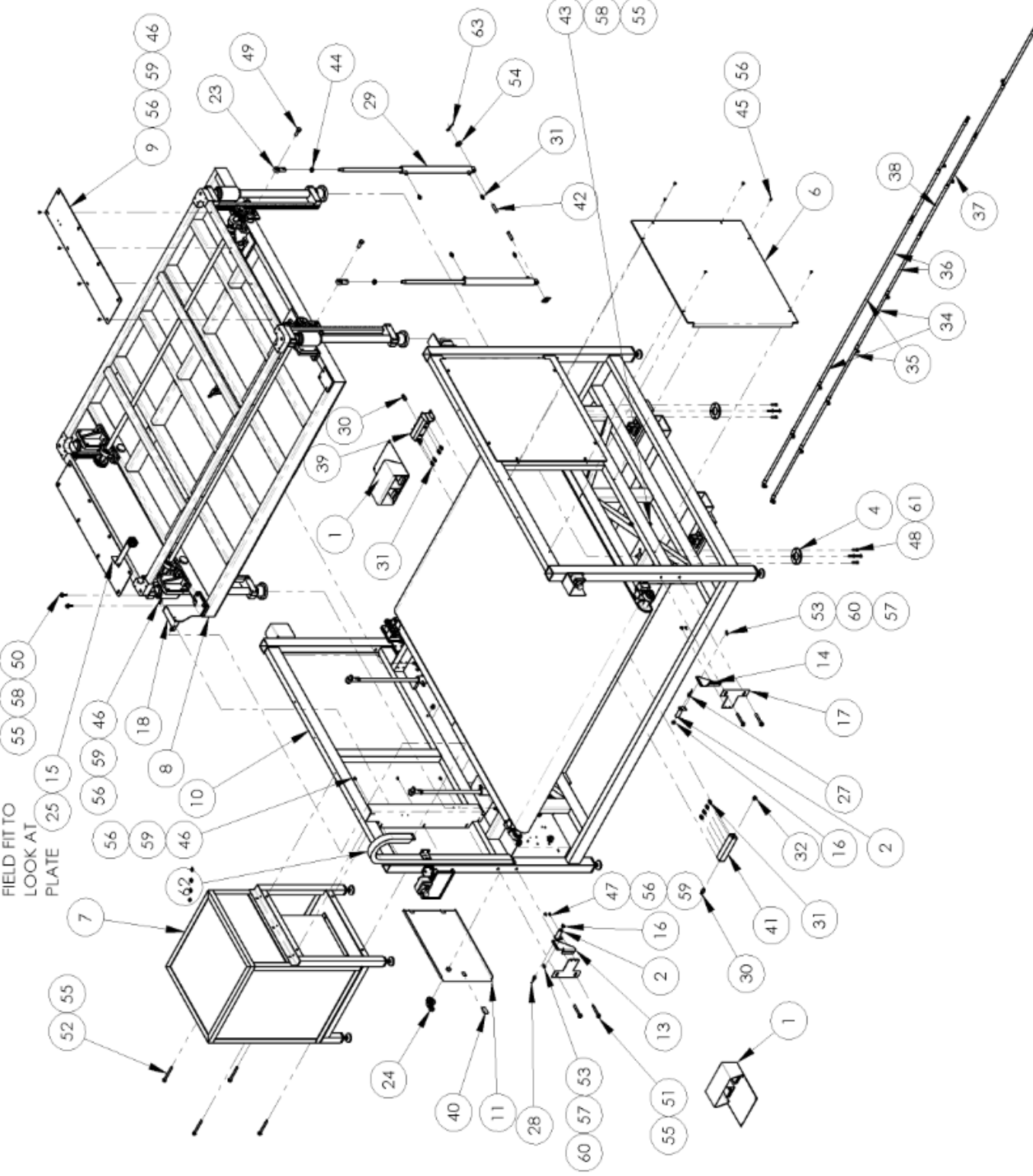


One-Stop Shopping
For Expendable Replacement Parts for AAC & Other Bedding Equipment Suppliers
Toll Free: **1-866-885-5100**
www.atlantapartsdepot.com • sales@atlantapartsdepot.com

11406A MATT COMPRESSION ASSEMBLY

AAC Drawing 9008888 Rev 0



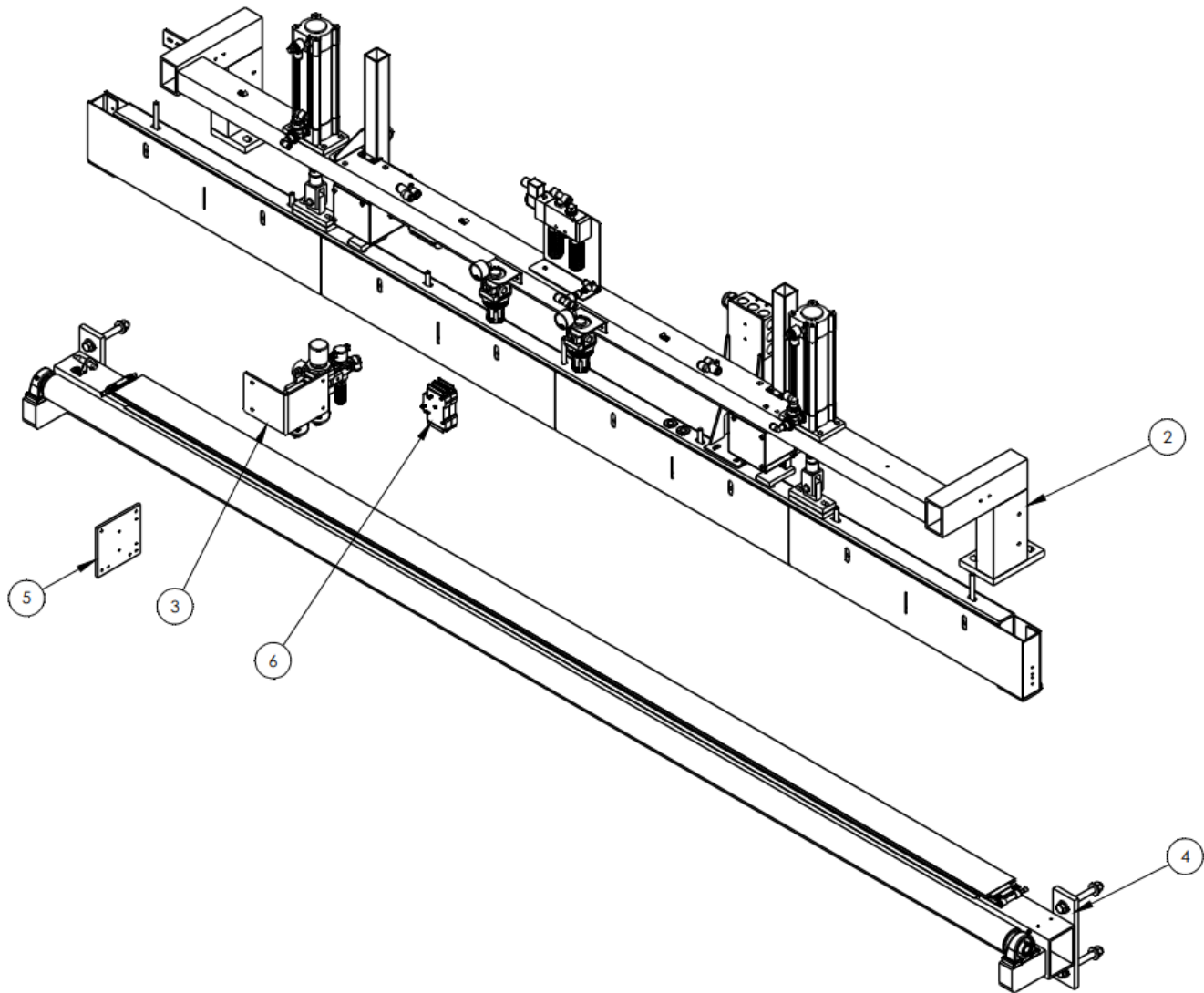


11406A parts list

ITEM	QTY.	PART NUMBER	DESCRIPTION	ITEM	QTY.	PART NUMBER	DESCRIPTION
1	2	1278-6160G	FOOT SWITCH ASSY 11458	33	2	HH30260606102	HYD HOSE,102",6X6X3/8
2	2	1390399	MOUNT, SENSOR	34	2	HH3026060656	HYD HOSE,56",6X6X3/8
3	1	1406-HD	DIAGRAM, HYDRAULIC	35	2	HH3026060670	HYD HOSE,70",6X6X3/8
4	4	1406028	PLATE, WASHER	36	2	HH3026060675	HYD HOSE,75",6X6X3/8
5	1	1406067	MOUNT, COMPRESSION ENCODER	37	1	HH30280808110	HYD HOSE,110",8X8X1/2
6	4	1406093	GUARD, LEXAN	38	1	HH30280808130	HYD HOSE,130",8X8X1/2
7	1	1406095	HYDRAULIC PUMP ASSY	39	*REF	HYAFD14R213S	FLOW DIVIDER, 2.5GPM, 4 SEC.
8	1	1406105	PLATTEN ASSEMBLY	40	1	MM40450010	FASTENER,SLIDE LOCK
9	2	1406108	PLATE,UPPER,BRACE	41	1	MM5092K34	MANIFOLD,HYDRAULIC,ALUM
10	1	14061180	MAIN CONSOLE ASSY,	42	4	MM97245A555C	CLEVIS PIN 2.75L, 2.5156 UL, .5 D
11	1	14061182	DOOR, CONT. BOX	43	8	NNH1/2-13	NUT, HEX, 1/2-13
12	1	1406122	SUPPORT, CABLE TRACK	44	4	NNJ3/4-16	3/4-10 JAM NUT
13	1	1406124	BRKT,EYE,CROSS SEAL,LEFT	45	26	SSBC01040	1/4-20 X 3/4 BUT CAP SC
14	1	1406126	BRKT,EYE,CROSS SEAL,RIGHT	46	23	SSHC01040	1/4-20 X 5/8 HHCS
15	1	14061361	BRACKET, IFM EFECTOR	47	4	SSHC01048	1/4-20 X 3/4 HEX CAP
16	2	14061362	EMITTER CONCENTRATOR	48	16	SSHC25112	3/8-16 X 1-3/4 HEX HEAD
17	2	1406797	PLATE,MTG,SENSOR	49	4	SSHC34128	3/4-10 X 2 HEX CAP
18	1	1406809	BRKT, COMPRESSION HEIGHT	50	2	SSHC45112	1/2-13 X 1-3/4 HHCS, G8
19	1	1406A-PD	DIAGRAM,PNEUMATIC	51	4	SSHC45256	1/2-13X4 HEX CAP
20	1	1406A-WD1	DIAGRAM, WIRING, PWR, SAFETY	52	4	SSHC45320	1/2-13X5 HEX CAP
21	1	1406A-WD2	DIAGRAM, WIRING, SBUS	53	4	SSSC98032	10-32X1/2, SOC CAP
22	1	1406A-WD3	DIAGRAM, WIRING, SAFETY	54	4	WWF5/8	WASHER,FLAT,5/8
23	4	BBAW-9	ROD END, 3/4-16, 3/4 B	55	18	WWF51/2	WASHER,FLAT,1/2, SAE
24	1	EEHR65	DISCONNECT HANDLE	56	53	WWF51/4	WASHER,FLAT,SAE,1/4
25	1	EEO ID102	PHOTOELECTRIC, PNP, 3.5M	57	4	WWF510	WASHER, FLAT, #10, SAE
26	1	EEO ID102-INS2	SENSOR PROGRAMMING INST.	58	10	WWL1/2	1/2 LOCK WASHER
27	1	EERM1215M	SENSOR, RECEIVER	59	27	WWL1/4	WASHER,LOCK, 1/4
28	1	EETM12HP15M	SENSOR, TRANSMITTER, HP	60	4	WWL10	WASHER,LOCK,#10
29	4	HC301510PP20	CYL,HYD,1.5"B,1.0"R,2"S	61	16	WWL3/8	WASHER,LOCK, 3/8
30	2	HF05030808	STR 3/4-16ORB,3/4-16JIC	62	1	mm45021-37	DUCT,WIRE PLASTITRAK
31	16	HF20270266S	FITTING,HYD,STR,O-RING	63	4	mm98335a074	SPRING CLIP
32	1	HF50925K417	PLUG,HYD,3/4-16 M-ORB				

1406-KIT 2 UPPER & LOWER SEAL BAR KIT

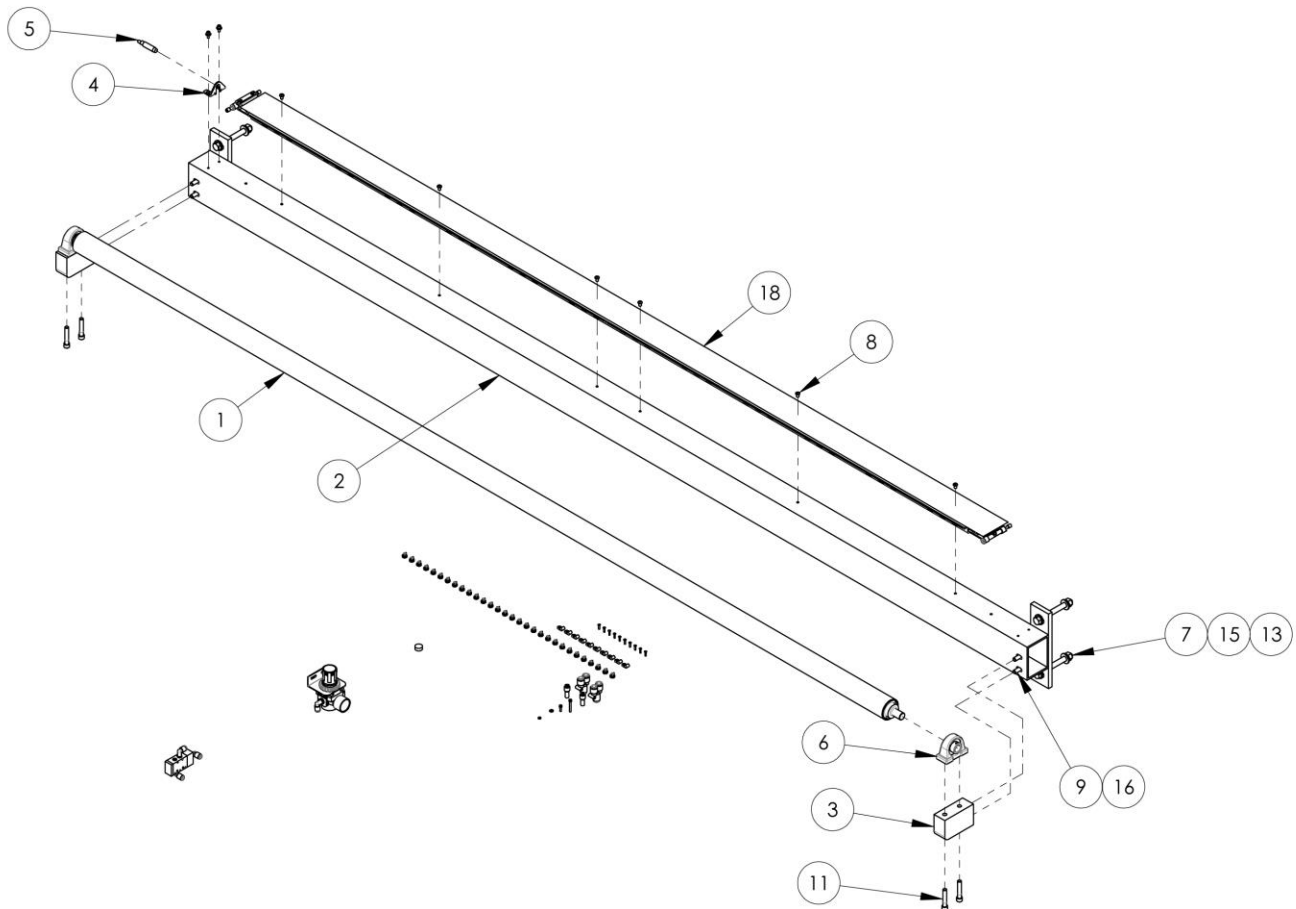
AAC Drawing Number 9007840 Rev 2



ITEM NO.	Hardware Shown/QTY.	PART NUMBER	DESCRIPTION
*1	1	1406-CAB3	CABLE KIT,SEAL BAR
2	1	1406090	UPPER SEAL BAR ASSEMBLY
3	1	1406116	REGULATOR ASSY
4	1	1406120	LOWER SEAL BAR ASSEMBLY
5	1	14061364	SEAL BAR RELAY ASSEMBLY
6	1	FFFAZD152NA	BREAKER,2P,15A,UL489,240VT-MAG

1406120 LOWER SEAL BAR ASSEMBLY

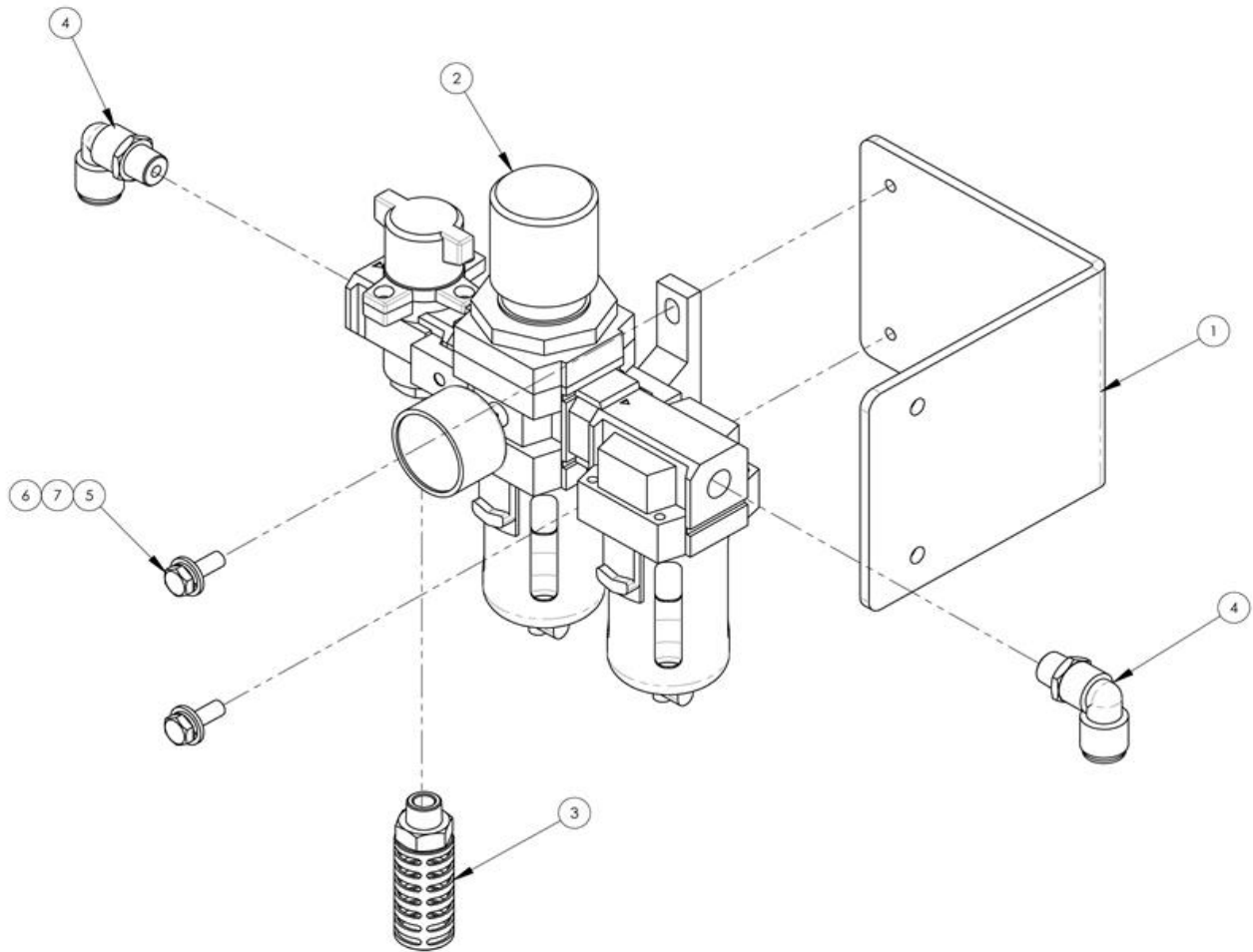
AAC Drawing Number 1406120 Rev 2



NO	QTY	PART #	DESCRIPTION
1	1	1306134	ROLLER ASSY, LOADING TBL
2	1	1406063	MOUNT,SEAL BAR,LOWER
3	2	1406102	BLOCK,MTG,ROLLER,FRONT
4	1	1406136	BRKT, PROX, SEAL DOWN
5	1	MMAM1-AN-4A	PROX SWITCH,10-30VDC,12MM
6	2	MMUCPA204-12	BEARING,PILLOW BLOCK,.75B
7	4	NNH1/2-13	NUT,HEX,1/2-13
8	6	SSBC01024	1/4-20 X 3/8 BUT CAP SC
9	4	SSHC25064	3/8-16 X 1,HEX CAP
10	4	SSHC45288	1/2-13X4-1/2 HEX CAP
11	4	SSSC25128	3/8-16X2" SOC CAP
12	2	SSSC98032	10-32X1/2, SOC CAP
13	8	WWFS1/2	WASHER,FLAT,1/2, SAE
14	2	WWFS10	WASHER, FLAT, #10, SAE
15	4	WWL1/2	1/2 LOCK WASHER
16	4	WWL3/8	WASHER,LOCK, 3/8
17	2	WWL10	WASHER,LOCK,#10
18	1	1406936	BLADDER KIT, 100"

1406116 REGULATOR ASSEMBLY

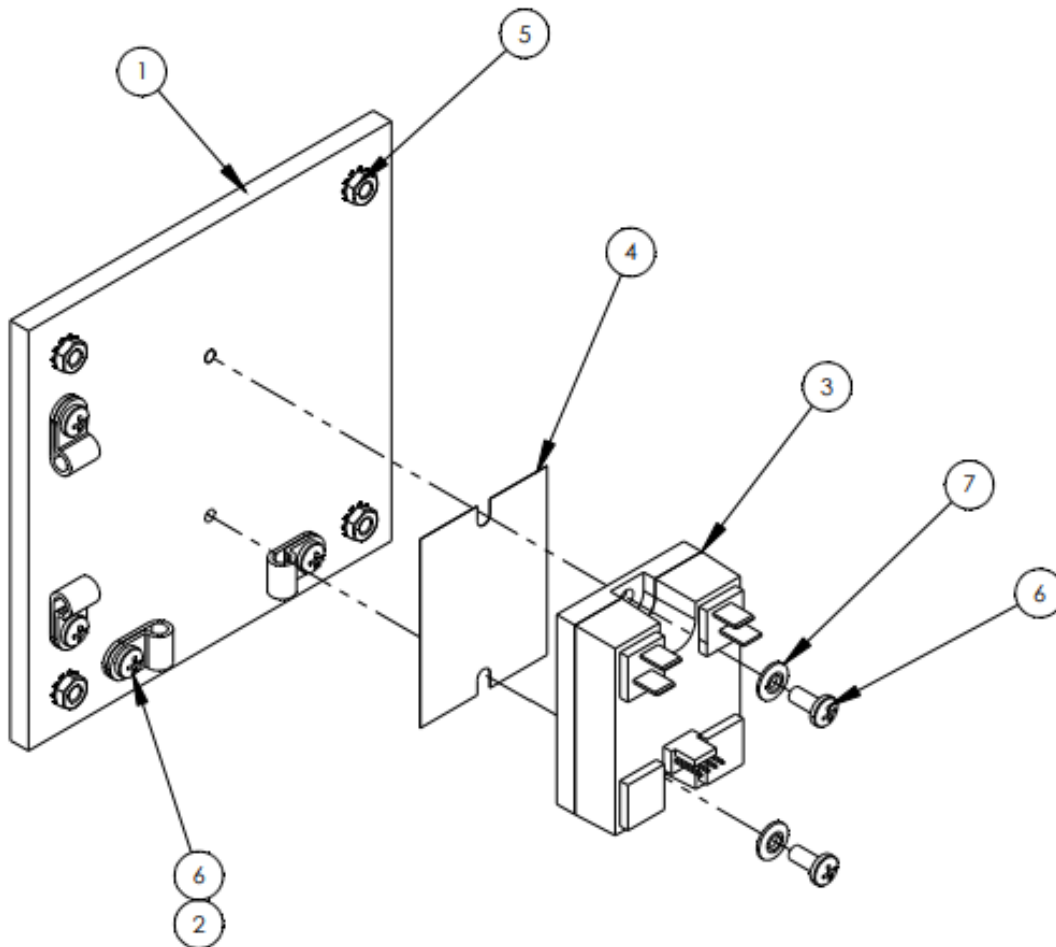
AAC Drawing Number 1406116 Rev 0



NO	QTY	PART #	DESCRIPTION
1	1	1406114	MOUNT, REGULATOR
2	1	AA198-5110	FILTER/REGULATOR/LOCKOUT
3	1	AAFNAN200-02	MUFFLER, 1/8 NPT
4	2	AAQME-3-4	MALE ELBOW 3/8OD TUBE
5	2	SSHCO1048	1/4-20 X 3/4 HEX CAP
6	2	WWFS1/4	WASHER,FLAT,SAE,1/4
7	2	WWL1/4	WASHER,LOCK, 1/4

14061364 SEAL BAR RELAY ASSEMBLY

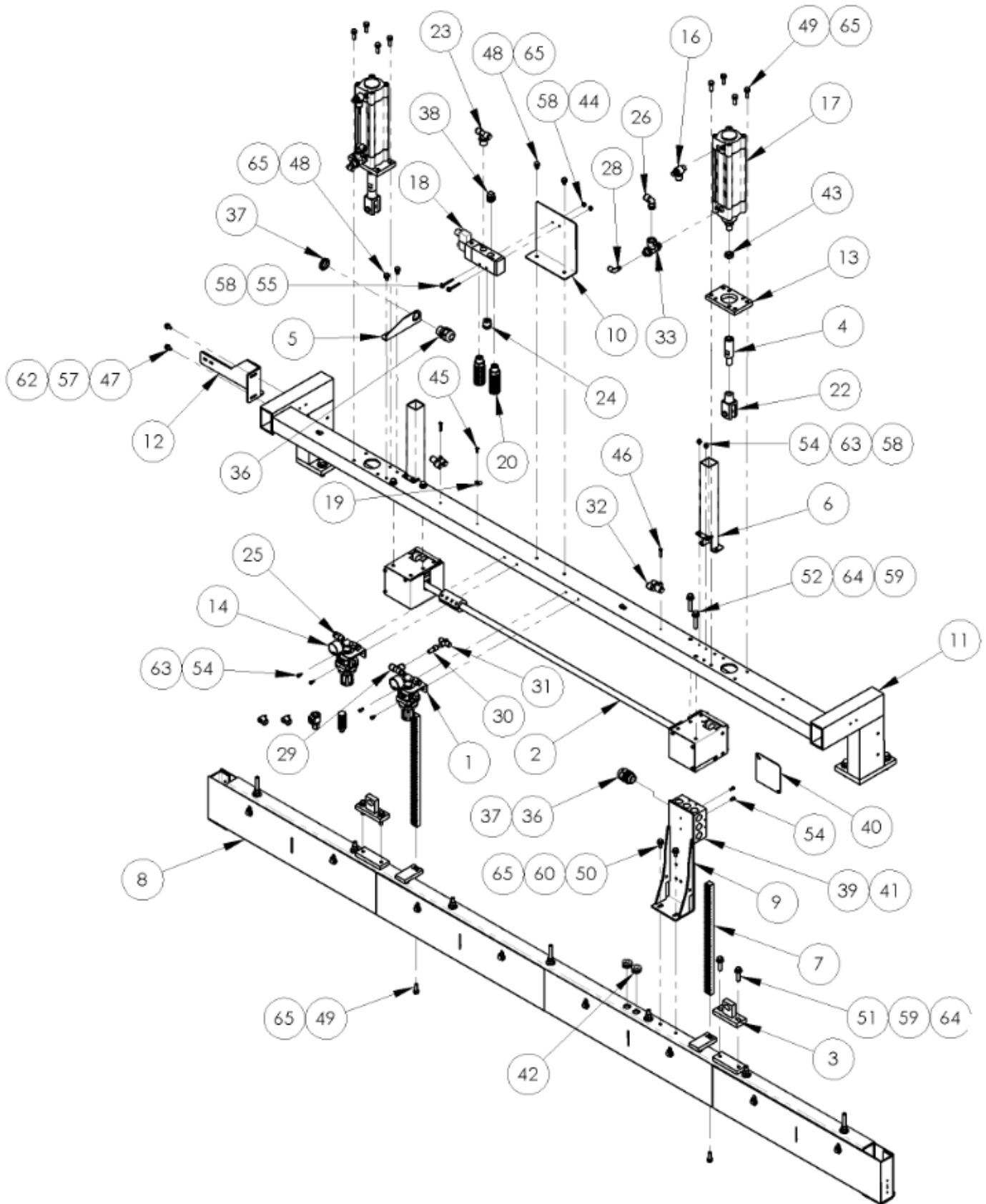
AAC Drawing Number 14061134 Rev 0



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	14061174	HEAT SINK BASE PLATE
2	4	AAF3/16	CLAMP, BLACK PLASTIC, 3/16 DIA
3	1	FF84140210M1	RELAY,SSR,24VAC,25A
4	1	FFHSP1	THERMAL PAD
5	4	NNK8-32	NUT,KEP,8-32
6	6	SSPP90024	8-32X3/8 PAN PHLPS
7	2	WWSB8	WASHER,BELVEL,#8

1406090 UPPER SEAL BAR ASSEMBLY

AAC Drawing Number 1406090 Rev 1



1406090 Parts List

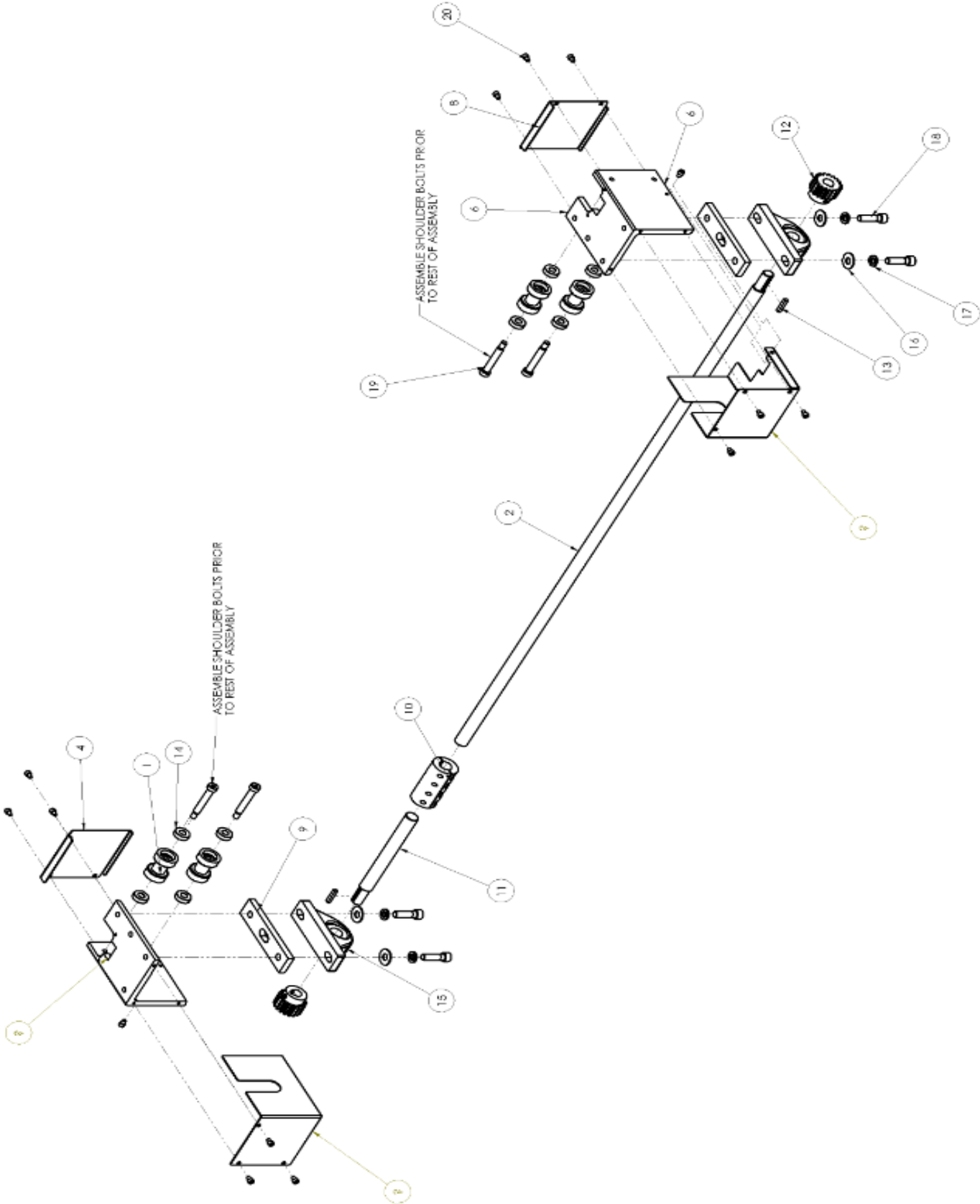
ITEM	QTY.	PART NUMBER	DESCRIPTION
1	2	0411-071	BRKT,REGULATOR
2	1	1306102	3/4 BALANCING ASSY
3	2	1306113	CROSS SEAL CYL. MNT
4	2	1306135	CYLINDER EXTENSION
5	1	1306168	BRACKET,HEATER WIRE
6	2	1406047	SEAL BAR RACK GAURD
7	2	1406048	RACK GEAR 12P 14.5PA 16"L
8	1	1406050	SEAL BAR ASSEMBLY
9	1	1406057	BRACKET, J-BOX WELDMENT
10	1	1406058	MOUNT PLATE, VALVE
11	1	1406089	MOUNT,SEAL BAR,UPPER
12	1	1406110	BRKT, COMPRESSION HEIGHT
13	2	1406119	CYLINDER MOUNT PLATE
14	2	AA198-5032	0-60PSI AIR GAGE 1/8NPT
15	2	AA198-RP3	REGULATOR,PRECISION AIR
16	2	AA1983201FU0311	FLOW CONTL 3/8UNIFIT X3/8
17	2	AACDNCB63150PPV	CYLINDER, AIR, ISO, 63BX150S
18	1	AAE4V41015	VALVE, 1/2" PORTED, 24VDC
19	3	AAF3/16	CLAMP, BLACK PLASTIC, 3/16 DIA
20	2	AAFAN400N04	MUFFLER, 1/2NPT, PLASTIC
21	1	AAFAN200-02	MUFFLER,1/4 NPT
22	2	AAFSGM16X1.5	CLEVIS ROD M16X1.5
23	1	AAQBT-3-2	QUICK BRANCH "T"
24	1	AAQMC-3-2	QUICK MALE CONNECTOR
25	3	AAQMC-3-4	QUICK MALE CONNECTOR
26	2	AAQME-3-3U	MALE ELBOW 3/8 OD TUBE
27	2	AAQME-3-8	MALE ELBOW, 3/8OD TUBE 1/8 NPT
28	2	AAQME-4-8U	QUICK MALE ELBOW,1/4X1/8
29	1	AAQMT-3-4	MALE RUN TEE
30	1	AAQPR-3-4	QUICK REDUCER 3/8-1/4
31	1	AAQUT-4-4	QUICK UNION T 1/4X1/4
32	2	AAQUY-3-3	QUICK UNION Y,3/8X3/8
33	2	AAV78861717	VALVE, BLOCKING, R3/8

1406090 Parts List Continued

ITEM	QTY.	PART NUMBER	DESCRIPTION
34	1	AAVSQE1	VALVE,QUICK EXHAUST
35	* 2	FF221-612	SPLICING CONN,LEVERNUT,
36	2	FF3234	STRAIN RELIEF,3/4NPT
37	2	FF8465	NUT,LOCK, 3/4NPT,NYLON,BLK
38	1	HF4638K824	HYD,PLUG,1/2-14 NPT
39	1	K-233	BOX,ELECTRICAL,SQUARE
40	1	K-234	COVER,4IN SQUARE
41	2	K-235	CONNECTOR,ROMEX,1/2"
42	2	MM9307K63	GROMMET,1/2ID,13/16 HOLE
43	2	NNJM16X1.5	NUT,JAM,M16
44	2	NNK10-32	KEP NUT, 10-32
45	3	SSBC98032	10-32 X 1/2 BUTTON CAP SC
46	2	SSBC98064	10-32 X 1.0 BUTTON CAP SC
47	2	SSHC01040	1/4-20 X 5/8 HHCS
48	4	SSHC10032	5/16-18 X 1/2 HHCS
49	10	SSHC10064	5/16-18 X 1 HHCS
50	2	SSHC20048	5/16-24 X 3/4 HEX CAP
51	4	SSHC25096	3/8-16 X 1 1/2 HHCS
52	4	SSHC25128	3/8-16 X 2 HEX CAP
53	6	SSHC45112	1/2-13 X 1-3/4 HHCS, G8
54	10	SSSC98024	10-32 X 3/8 SOC CAP
55	2	SSSC98112	SCR, SOC CAP 10-32 X 1-3/4
56	6	WWFS1/2	WASHER,FLAT,1/2, SAE
57	2	WWFS1/4	WASHER,FLAT,SAE,1/4
58	10	WWFS10	WASHER, FLAT, #10, SAE
59	8	WWFS3/8	WASHER,FLAT,SAE,3/8
60	2	WWFS5/16	WASHER,FLAT,SAE,5/16
61	6	WWL1/2	1/2 LOCK WASHER
62	2	WWL1/4	WASHER,LOCK, 1/4
63	10	WWL10	WASHER,LOCK,#10
64	8	WWL3/8	WASHER,LOCK, 3/8
65	16	WWL5/16	WASHER,LOCK, 5/16

1306102 BALANCING ASSEMBLY, 3/4"

AAC Drawing Number 1306102 Rev 0

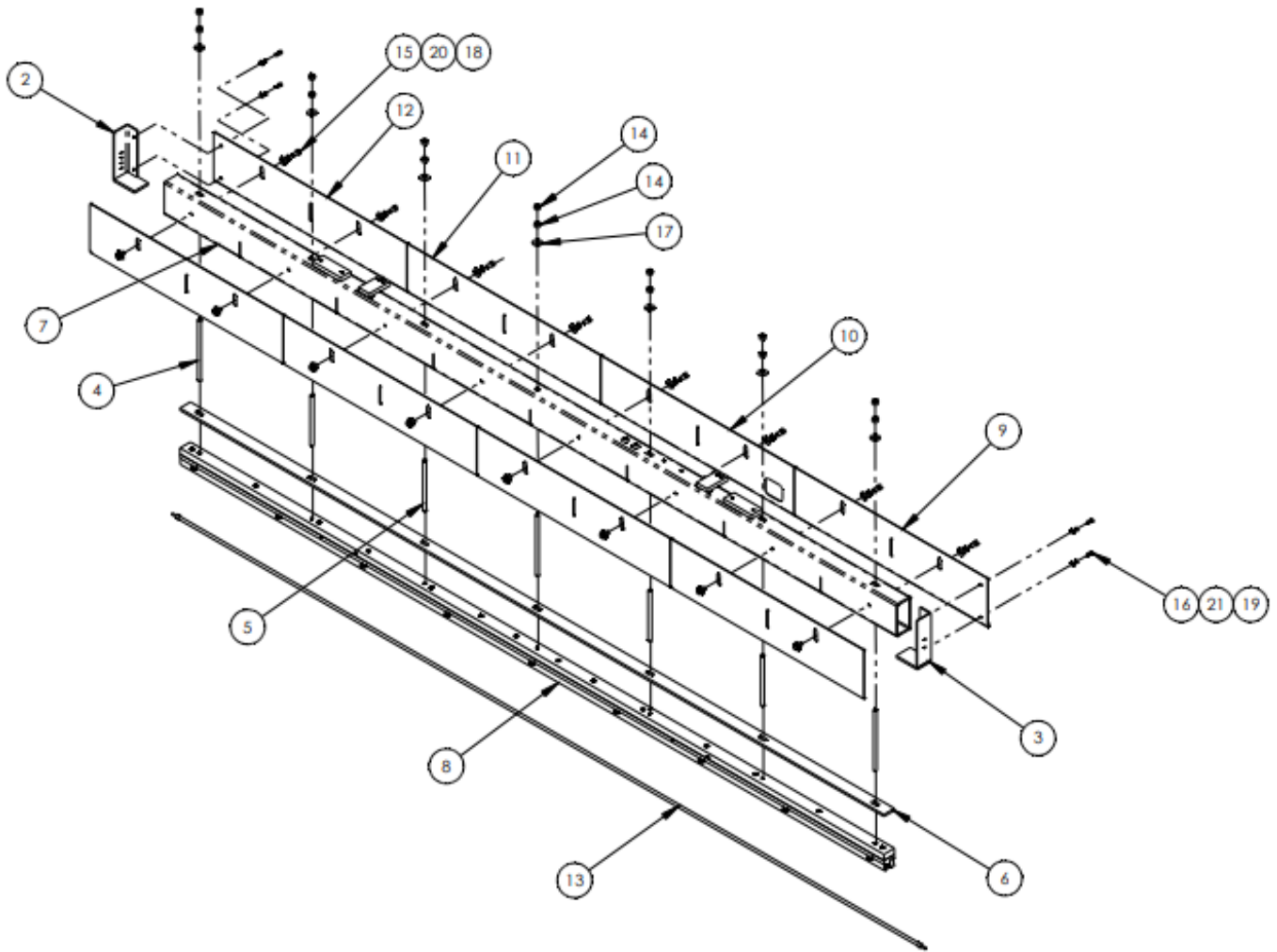


1306102 Parts List

NO	QTY	PART #	DESCRIPTION
1	4	1306098	HEATER RACK GUIDE
2	1	1306100	BALANCER CONNECTING ROD
3	1	1306103	FRONT BALANCER BRACKET
4	1	1306104	COVER PLATE GEAR BOX
5	1	1306105	GEAR BOX COVER
6	1	1306106	FRONT BALANCER BRACKET
7	1	1306107	GEAR BOX FRONT COVER
8	1	1306108	GEAR BOX RR COVER
9	2	1306123	GEAR BOX SPACER
10	1	1306136	COUPLING, 2 PIECE, 3/4 IN
11	1	1306142	BALANCER CONNECTING ROD
12	2	1306302	SPUR GEAR 12P 18T 5/8B
13	2	1961-181	KEY, 3/16 X 1.00L
14	8	BB1L038	BEARING,BALL,.375B
15	2	MMVPS-112	BEARING,PILLOW BLOCK 3/4B
16	4	WWF3/8	WASHER,FLAT,3/8 OR 10MM
17	4	WWL3/8	WASHER,LOCK, 3/8
18	4	SSSC25088	3/8-16X1-3/8 SOC CAP
19	4	SSAS024128	SHULDER BOLT 3/8 X 2.0L
20	14	SSSC98016	10-32 X 1/4 SOC CAP

1406050 SEAL BAR ASSEMBLY

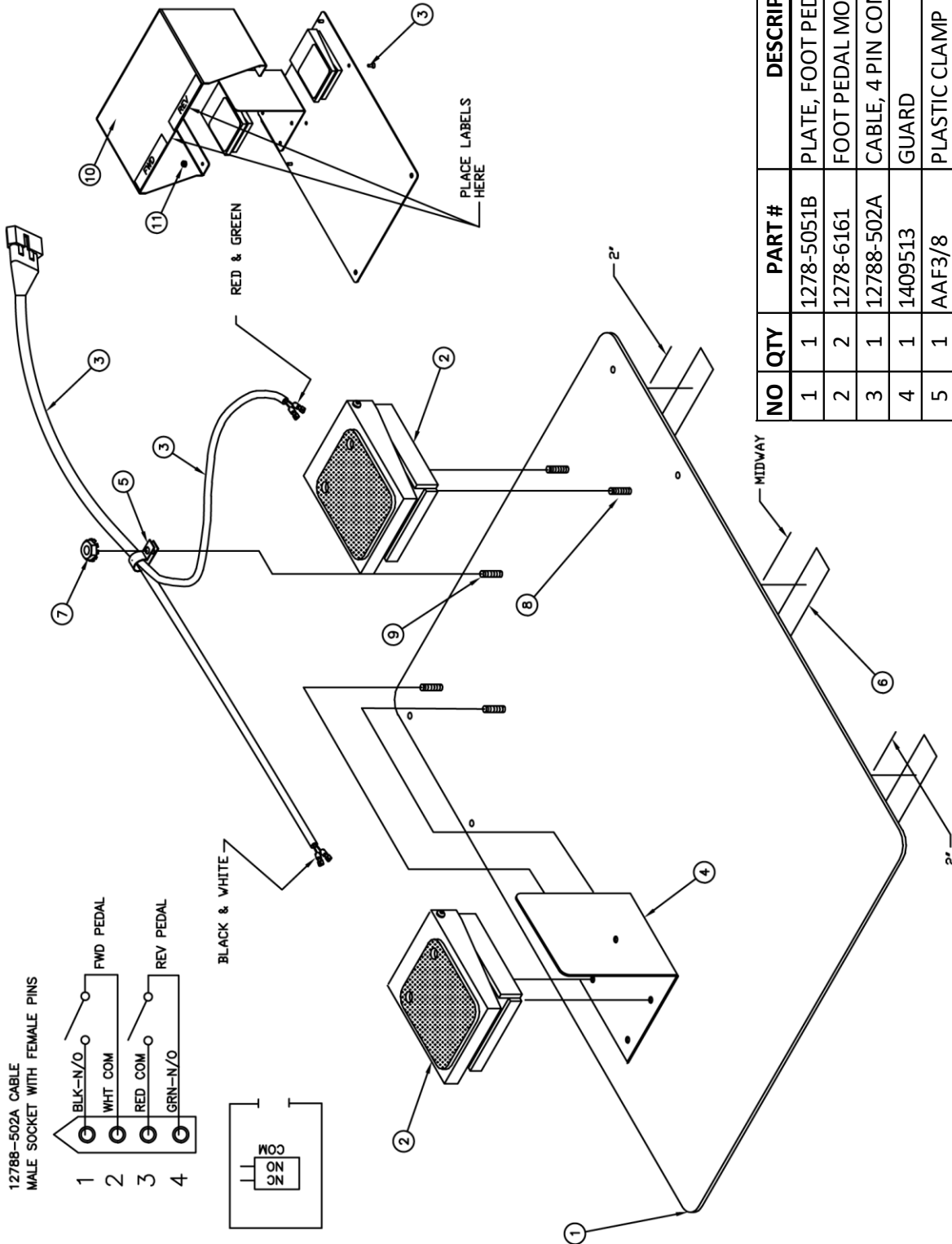
AAC Drawing Number 1406050 Rev 2



ITEM NO.	Hardware Shown/QTY.	PART NUMBER	DESCRIPTION
1	4	1306121	GUARD, CUTTING BAR
2	1	1390130	END PLATE,RIGHT
3	1	1390131	END PLATE,LEFT
4	3	1390385	THREADED ROD, 7.5"
5	4	1390386	THREADED ROD, 6.25"
6	1	1396590	SPACER, PTFE
7	1	1406021	SEAL BAR WELDMENT
8	1	1406517	SEAL BAR ASSY, 100"
9	1	1406535	SEAL BAR GUARD
10	1	1406536	SEAL BAR GUARD
11	1	1406537	SEAL BAR GUARD
12	1	1406538	SEAL BAR GUARD
13	1	EERBN105A10A-2	HEAT ELEMENT,105L,.315D
14	14	NNH3/8-16	NUT,HEX,3/8-16
15	16	SSH10040	5/16-18 X 5/8 HHCS
16	4	SSSC95032	10-24 X1/2, SOC CAP
17	7	WWF3/8	WASHER,FLAT,3/8 OR 10MM
18	16	WWF5/16	WASHER,FLAT,5/16
19	4	WWF10	WASHER, FLAT, #10, COM
20	16	WWL5/16	WASHER,LOCK, 5/16
21	4	WWL10	WASHER,LOCK,#10

1278-6160G FOOT SWITCH ASSEMBLY, 11458

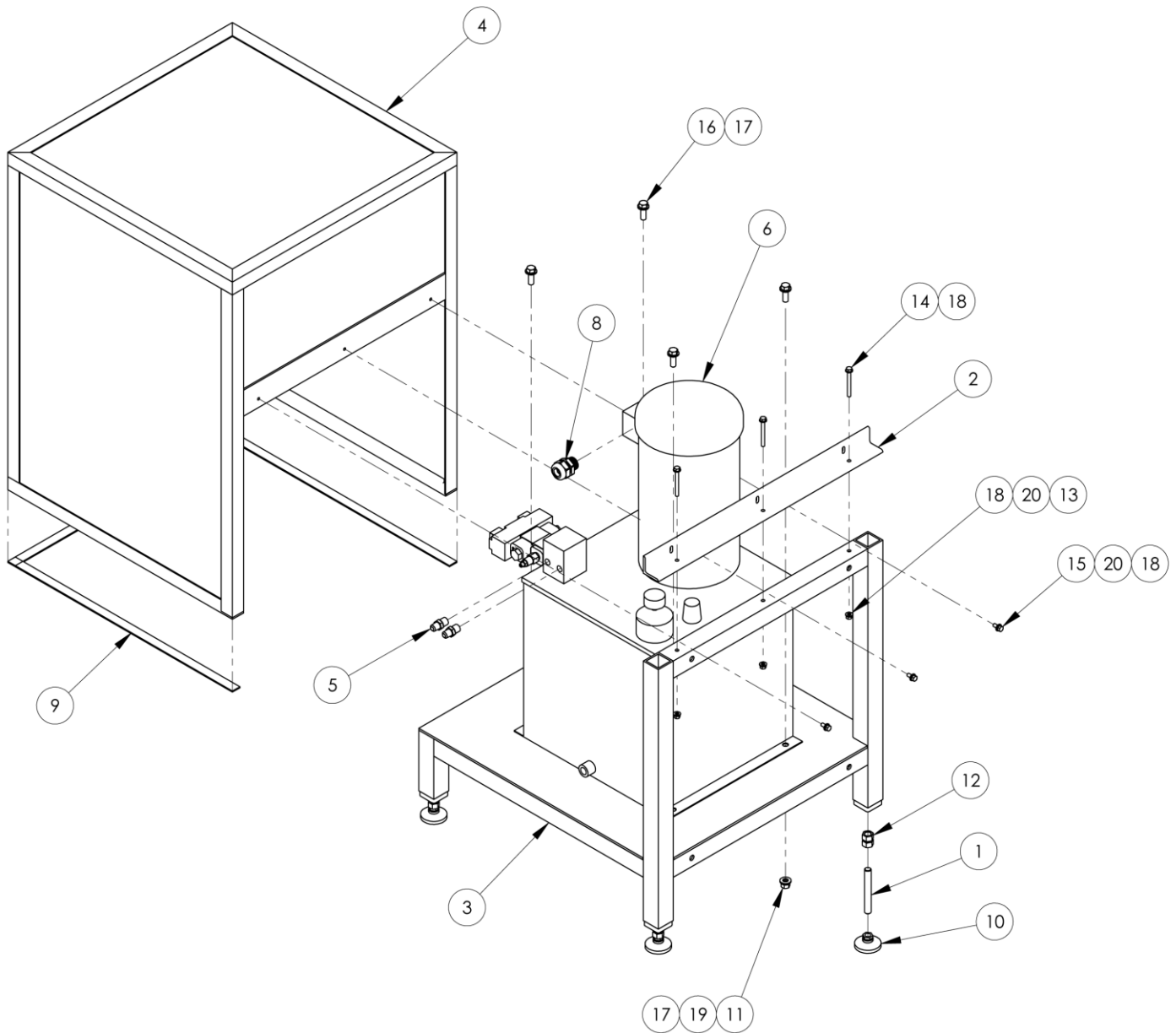
AAC Drawing Number 192819B Rev 1



NO	QTY	PART #	DESCRIPTION
1	1	1278-5051B	PLATE, FOOT PEDAL
2	2	1278-6161	FOOT PEDAL MOD.
3	1	12788-502A	CABLE, 4 PIN CON.
4	1	1409513	GUARD
5	1	AAF3/8	PLASTIC CLAMP
6	3FT	MM6970T64	3/4" ABRASIVE TAPE
7	1	NNK6-32	KEP NUT
8	4	SSFC80016	SCREW, FLAT ALLEN 6-32 X 1/4
9	5	SSFC80024	SCREW, FLAT ALLEN 6-32 X 3/8
10	1	1409512	GUARD
11	4	NNE6-32	LOCK NUT

1406095 HYDRAULIC PUMP ASSEMBLY

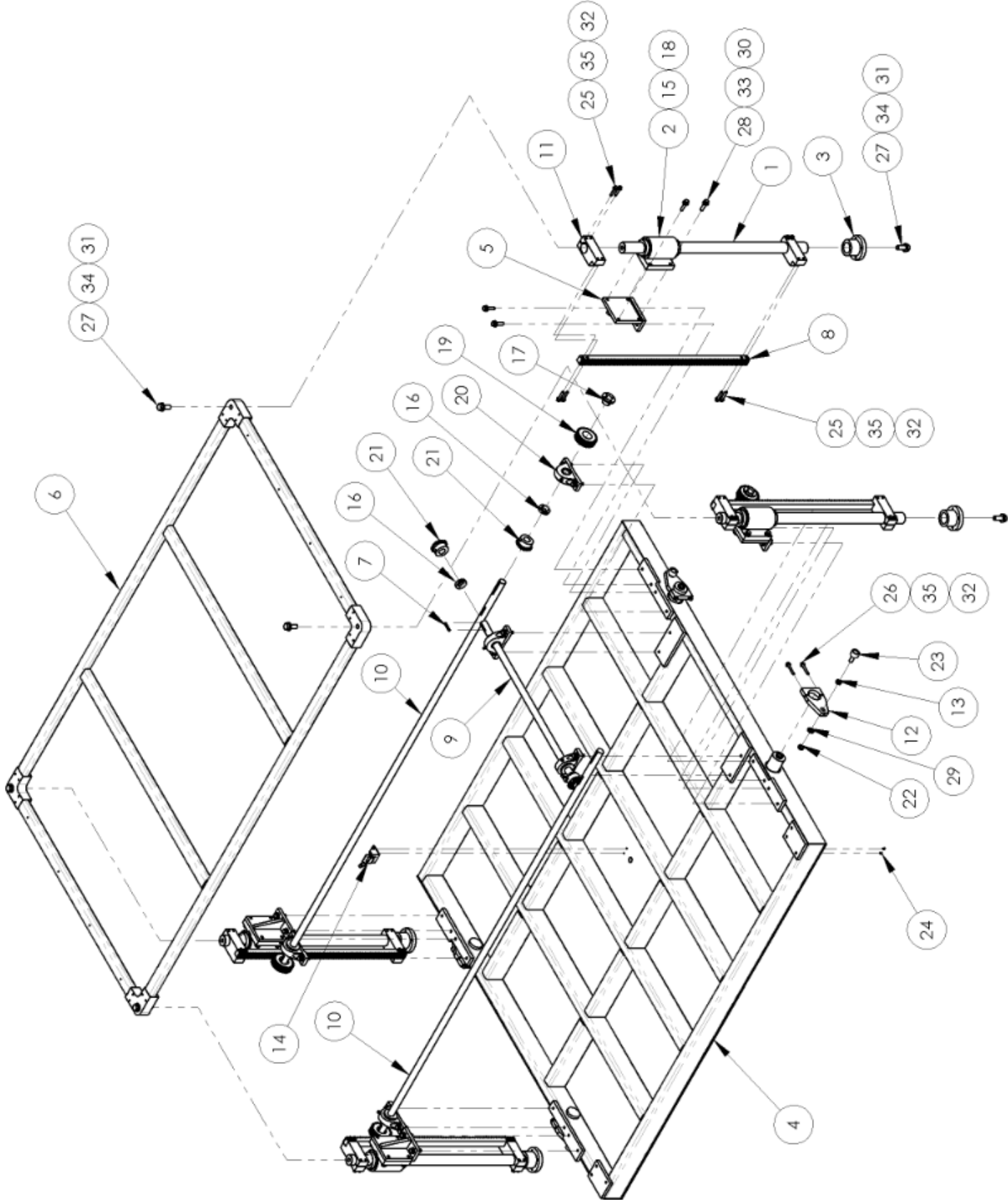
AAC Drawing Number 1406095 Rev 0



NO	QTY	PART #	DESCRIPTION	NO	QTY	PART #	DESCRIPTION
1	4	0411-1063	THREADED ROD	11	4	NNH1/2-13	NUT,HEX,1/2-13
2	1	1406079	ANGLE,MOUNT,GUARD	12	8	NNH5/8-11	NUT,HEX,5/8-11
3	1	1406080	FRAME,PUMP,HYDRAULIC	13	3	NNH5/16-18	NUT,HEX, 5/16-18
4	1	1406085	GUARD,PUMP,HYDRAULIC	14	3	SSHC10192	5/16-18 X 3 HEX CAP SC
5	2	HF05030808	STR 3/4-16ORB,3/4-16JIC	15	3	SSHC20048	5/16-24 X 3/4 HEX CAP
6	1	HYMG4	HYD PUMP,4 G/M,7.5HP,3P	16	4	SSHC45096	1/2-13X1-1/2 HEX CAP
7	1	HYOT32	OIL,HYD,TELLUS 32, 5 GAL	17	8	WWFS1/2	WASHER,FLAT,1/2, SAE
8	1	MM69915K72	STRAIN RELIEF, LIQ TIGHT	18	9	WWFS5/16	WASHER,FLAT,SAE,5/16
9	3	MM93745K55	FOAM,FIRM,BUNA-N,1/8X1	19	4	WWL1/2	1/2 LOCK WASHER
10	4	MML-2	LEVELING PAD, 5/8-11	20	6	WWL5/16	WASHER,LOCK, 5/16

1406105 PLATTEN ASSEMBLY

AAC Drawing Number 1406105 Rev 2

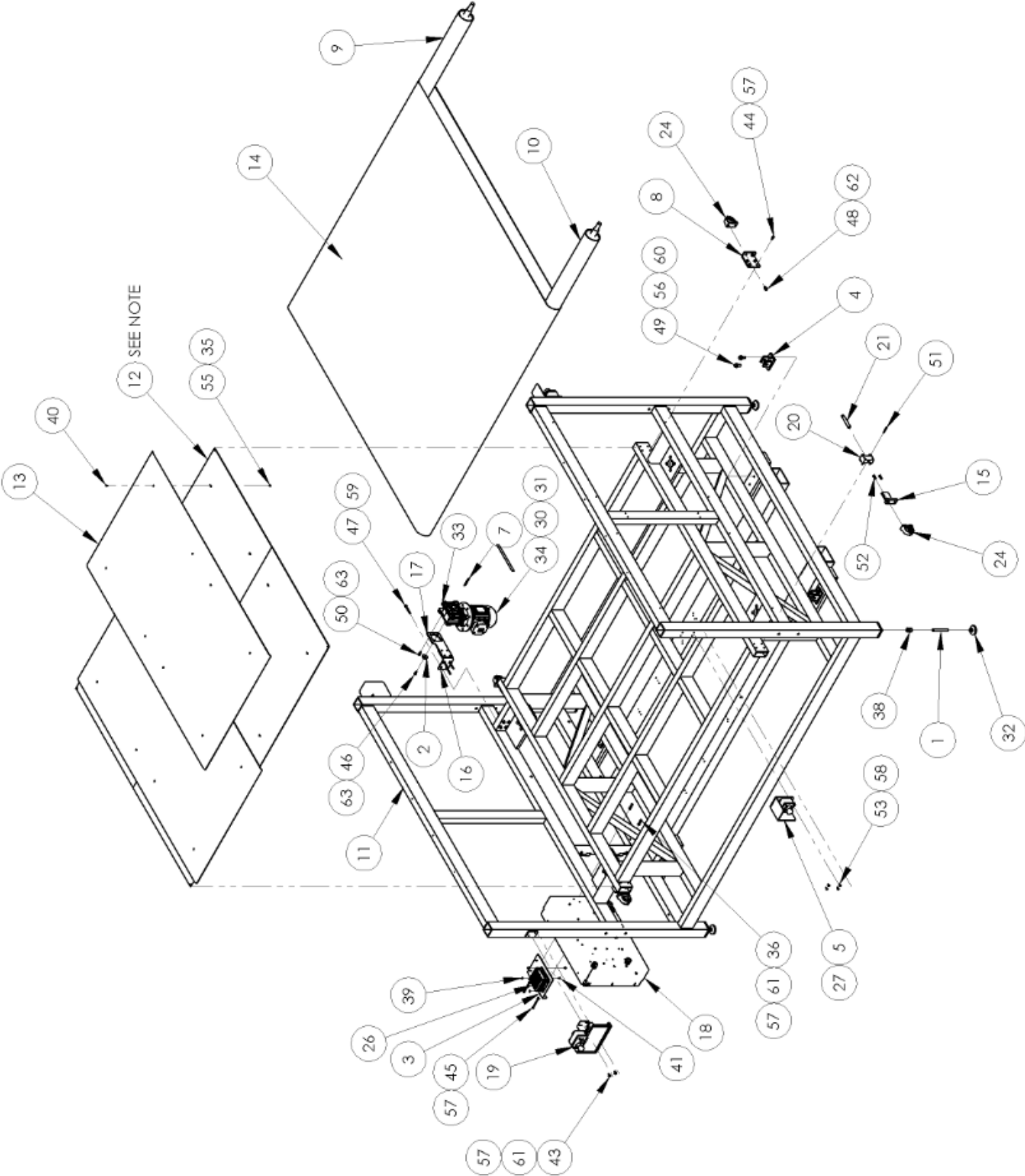


1406105 parts list

ITEM	QTY.	PART NUMBER	DESCRIPTION	ITEM	QTY.	PART NUMBER	DESCRIPTION
1	4	1306070	RAIL, LINEAR, ROUND,2"	19	4	MMGNSS8H30	GEAR, SPUR, 8P, 30T, 14.5PA
2	4	1306320	MOUNT, BEARING,WELDMENT	20	6	MMGRP207-20	BEARING, PILLOW BK, 1.25B
3	4	1406027	MOUNT, COMPRESSION,BASE	21	4	MMGYSM8F24X125	GEAR,MITER,8P,24TH
4	1	1406035	COMPRESSION PLATTEN	22	4	NNJ5/8-18	NUT-HEX JAM 5/8-18
5	4	1406039	MOUNT, PLATTEN	23	4	SDCF1-1/2	CAM FOLLOWER,1.5D W/ STUD
6	1	1406099	FRAME, SUPPORT, UPPER	24	2	SSFC98024	#10-32 X .375 FLAT CAP
7	8	14061142	PARALLEL KEY	25	32	SSHC25128	3/8-16 X 2 HEX CAP
8	4	1406127	GEAR, RACK, 8DP, 1.25x1.25	26	8	SSHC25160	3/8-16X2-1/2 HEX CAP SC
9	1	1406128	SHAFT, SIDE	27	8	SSHC34128	3/4-10 X 2 HEX CAP
10	2	1406129	SHAFT, CROSS	28	36	SSHC45128	1/2-13 X 2,HEX CAP
11	8	1406130	BLOCK,MTG,GEAR RACK	29	4	WWFM16	FLAT WASHER,M16
12	4	1406133	BRACKET,MTG,CAM ROLLER	30	36	WWFS1/2	WASHER,FLAT,1/2, SAE
13	4	1406134	SPACER, CAM FOLLOWER	31	8	WWFS3/4	WASHER, .797ID X 1-1/2OD
14	1	14061363	MATTRESS TOP SENSOR ASSEMBLY	32	40	WWFS3/8	WASHER,FLAT,SAE,3/8
15	4	BBIP32GW	2.0"ID, 3.0"OD, DW LINEAR BALL	33	36	WWL1/2	1/2 LOCK WASHER
16	4	CCSP20FK	COLLAR,CLAMP,1-1/4 BORE	34	8	WWL3/4	3/4 LOCK WASHER
17	4	MM114H	HUB, TAPERLOCK, H STYLE	35	40	WWL3/8	WASHER,LOCK, 3/8
18	8	MM91665A.630	SPRING,RETAINING,EXT,3"				

14061180 MAIN CONSOLE ASSEMBLY

AAC Drawing Number 14061180 Rev 0

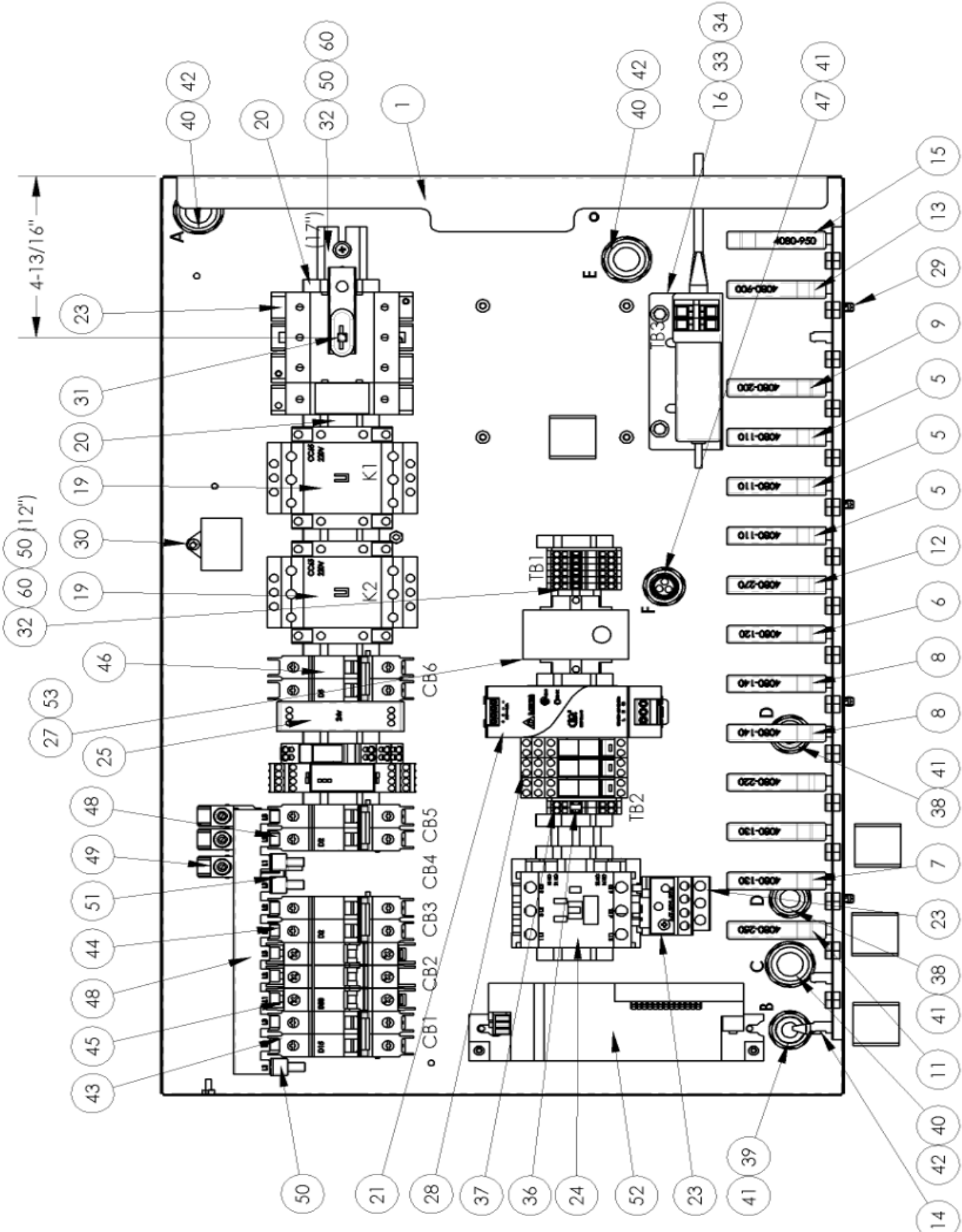


14061180 parts list

ITEM	QTY.	PART NUMBER	DESCRIPTION	ITEM	QTY.	PART NUMBER	DESCRIPTION
1	4	0411-1063	ROD, THREADED, 5/8-11 X 5	33	1	MMRV5015D80	GEARBOX,WORM,RV 50,15:1
2	1	1306005	RETAINER,SHAFT,GEARBOX	34	1	MMYS801455	MOTOR,.55KW,IEC,B5,D80
3	1	13061459	PC MOUNT PLATE	35	16	NNE8-32	NUT,ELASTIC LOCK, 8-32
4	4	1306424	MOUNT,LOWER HYD CYL	36	18	NNH1/4-20	NUT,HEX,1/4-20
5	2	1391034	E-STOP GUARD-LH	37	4	NNH5/16-18	NUT,HEX, 5/16-18
6	1	1391046	E-STOP GUARD-RH	38	8	NNH5/8-11	NUT,HEX,5/8-11
7	1	1393369	KEY, GEARMOTOR	39	4	NNK10-32	KEP NUT, 10-32
8	2	1406005	BRACKET,MTG,BEARING	40	16	SSFC90040	8-32 x 2 FLAT ALLEN
9	1	1406006	ROLLER,DRIVE,CONVEYOR	41	2	SSFC98032	10-32 X 1/2 FLAT ALLEN CAP
10	1	1406011	ROLLER,DRIVEN,CONVEYOR	42	6	SSHC01040	1/4-20 X 5/8 HHCS
11	1	1406015	MAIN FRAME	43	2	SSHC01048	1/4-20 X 3/4 HEX CAP
12	2	1406017	TOP PLATE	44	8	SSHC01056	1/4-20 X 7/8 HEX CAP
13	2	1406018	BELT,SUPPORT,WEAR PLATE	45	2	SSHC01176	1/4-20 X 2-3/4 HHCS
14	1	1406020	BELT,URETHANE,182"LONG	46	5	SSHC10048	5/16-18 X 3/4 HHCS
15	2	1406053	MOUNT, BEARING,SLIDE	47	4	SSHC10176	5/16-18 X 2.75 HHCS
16	1	1406103	MOTOR MOUNT BKT	48	4	SSHC25048	3/8-16X3/4,HEX CAP
17	1	1406106	MOTOR MOUNT PLATE	49	8	SSHC45096	1/2-13X1-1/2 HEX CAP
18	1	14061170	CONTROL ASSEMBLY	50	4	SSHCM8X20	SCREW,HEX CAP
19	1	14061181	TOUCH SCREEN ASSY	51	8	SSSC01112	1/4-20 X 1-3/4 SOC CAP
20	2	1458033	BLOCK, BELT TENSION	52	4	SSSC25048	3/8-16X3/4 SOC CAP
21	2	1458034	SCREW, BELT TENSION	53	12	SSSC98040	10-32 X 5/8 SOC CAP
22	1	4082102-120	CABLE, 2C, 2PM MOLEX, NC, CABLE, 10FT	54	4	SSZS93032	SCREW, SHT.METAL 10 ZIP
23	1	4082102-48	CABLE, 2C, 2PM MOLEX, NC, CABLE, 48"	55	16	WWF8	WASHER, FLAT, #8
24	4	BFTB-16T	BEARING,PBLOCK,SKWEZ, 1:0	56	8	WWFS1/2	WASHER,FLAT,1/2, SAE
25	1	EEB00B2HOKKQ	CABLE, EXTENSION HDMI (F) - HDMI (M), 3'	57	20	WWFS1/4	WASHER,FLAT,SAE,1/4
26	1	EEJBC375CG	GATEWAY PC, W-PWR CBL, SERIAL	58	12	WWFS10	WASHER, FLAT, #10, SAE
27	3	EEPTS25302G	ENCLOSURE W/ BUTTON, E-STOP	59	12	WWFS5/16	WASHER,FLAT,SAE,5/16
28	1	EEUSBAFUSBAM6	USB-A F TO USB-A M CABLE, 6'	60	8	WWL1/2	1/2 LOCK WASHER
29	1	EEUSBAMUSBCM6	USB-A M TO USB-C CABLE M, 6'	61	26	WWL1/4	WASHER,LOCK, 1/4
30	1	FF3231	STRAIN RELIEF, LIQ TIGHT	62	4	WWL3/8	WASHER,LOCK, 3/8
31	1	FF8463	NUT,LOCK, 1/2NPT,NYLON,BLK	63	13	WWL5/16	WASHER,LOCK, 5/16
32	4	MML-2	LEVELING PAD, 5/8-11	64	840"	ZZSSH-310	DOUBLE SIDED TAPE

14061170 CONTROL ASSEMBLY

AAC Drawing Number 14061170 Rev 0

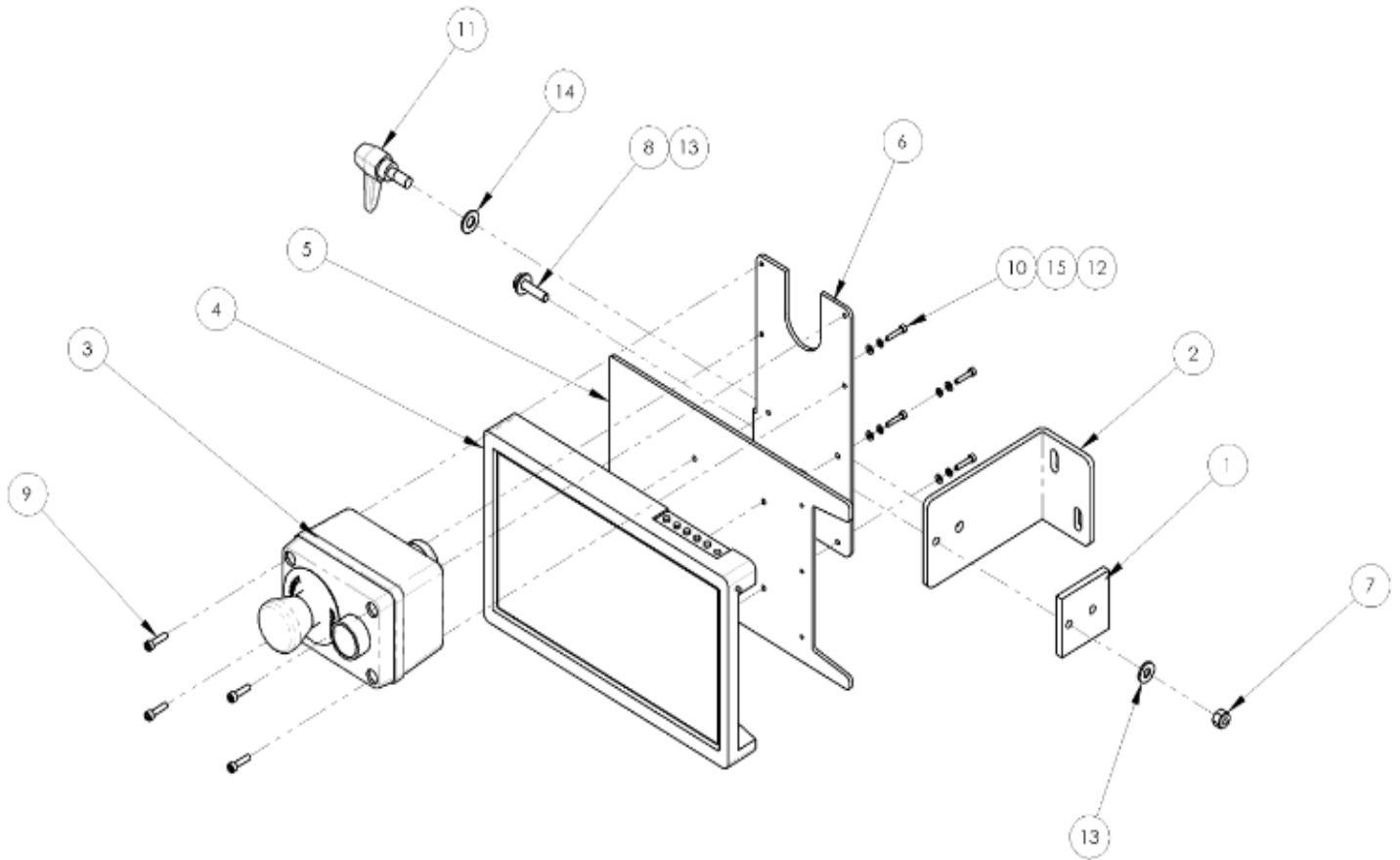


14061170 Parts List

ITEM	QTY.	PART NUMBER	DESCRIPTION	ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	14061173	CONTROL PANEL	31	1	EESPA210-3.95	DISCONNECT SHAFT,MOD
2	1	14061175	SBUS ASSEMBLY, 1406A	32	29"	EETS35X7.5A	DIN RAIL-AMERICAN
3	1	1406A-CAB1	CABLE PACKAGE, 1406A	33	2	FF264-341	TERMBLK,WAGO,TOP,DUAL,GRY
4	1	1406A-CAB2	CABLE KIT	34	1	FF264-371	TERMBLK,WAGO,TOP,END
5	3	4080-110	MODULE,QUAD INPUT	35	2	FF280-308	TERMBLK ENDPLATE,WAGO,280
6	1	4080-120	MODULE,SBUS, DUAL OPTO-ISO, INPT	36	1	FF280-402	JUMPER,WAGO,TOP,SINGL
7	2	4080-130	MODULE,QUAD OPTO-ISO	37	8	FF280-901	TERMBLK,WAGO,TOP,SINGL,GRY
8	2	4080-140	MODULE,QUAD OUTPUT	38	2	FF3200	STRAIN RELIEF,1/2NPT
9	1	4080-200	MODULE,AIR PRESSURE	39	1	FF3231	STRAIN RELIEF, LIQ TIGHT
10	1	4080-220	MODULE,DUAL ANALOG	40	3	FF3234	STRAIN RELIEF,3/4NPT
11	1	4080-250	MODULE,THERMOCOUPLE	41	4	FF8463	NUT,LOCK, 1/2NPT,NYLON,BLK
12	1	4080-270	MODULE,MODBUS	42	3	FF8465	NUT,LOCK, 3/4NPT,NYLON,BLK
13	1	4080-900	SBUS MODULE, USB GATEWAY, INTERFACE	43	1	FFFAZD152NA	BREAKER,2P,1.5A,UL489,240VT-MAG
14	1	4080-940	MODULE,TERMINATOR	44	2	FFFAZD22NA	BREAKER,2P, 2A,UL489,240VT-MAG
15	1	4080-950	MODULE,POWER	45	1	FFFAZD303NA	BREAKER,3P,30A,UL489,240VT-MAG,
16	1	4082004	PC POWER BLOCK BRACKET	46	1	FFFAZD52NA	BREAKER,2P,5A,UL489,
17	4	EE64151B	FERRITE CORE,SPLIT,CABLE	47	1	FFM3200GAH-	STRAIN RELIEF, 1/2NPT, 3 HOLE, BLK
18	1	EE788304	RELAY,24V,SPDT,WAGO	48	1	FFM9XUP312	BREAKER,ACC,UL489,COMB,18MM,
19	2	EECGC85A220	CONTACTOR,65A,220V AC	49	3	FFM9XUPC04	BREAKER,ACC,UL489,COMB,18MM,
20	11	EECLIPFIX	ANCHOR,DIN RAIL	50	1	FFM9XUTC15	BREAKER,ACC,UL489,COMB,18MM,
21	1	EEDRP24V100W	POWER SUP,SW,24V 3.8A, DIN	51	1	FFM9XUTC15	BREAKER,ACC,UL489,COMB,18MM,
22	1	EELG5925-24	RELAY,SAFETY, 2 CHAN, 24V	52	1	MM700HN126	RELAY BASE DIN RAIL MNT 11 PIN
23	1	EEM60U3M	DISCONNECT, 3PH, 60A, UL98	53	5	NNH8-32	NUT,HEX, 8-32 REG.
24	1	EEMC32A22	CONTACTOR,IEC,230VAC	54	2	SSHCP98032	10-32X1/2 HEX HD
25	1	EEMDR2024	POWER SUP,SWITCHER,24V,1.0A,DIN	55	1	SSPP90024	8-32X3/8 PAN PHLPS
23	1	EEMT32S32A	RELAY,OVERLOAD,22A-32A	50	7	SSPP98024	10-32 X 3/8 PAN HD PHILIP
27	1	EEN2424VDC	AMPLIFIER, PHOTOEYE,MANUAL	57	3	WWF10	WASHER, FLAT, #10, COM
28	3	EEP18524DC	RELAY, INTERFACE 24VDC, 1	58	5	WWF8	WASHER, FLAT, #8
29	6	EPPBM5H25C	MOUNT,CABLE TIE,NYLON	59	6	WWFS10	WASHER, FLAT, #10, SAE
30	1	EERC601BUZ4	PROTECTOR, SURGE	60	2	WWL10	WASHER,LOCK,#10

14061181 TOUCH SCREEN ASSEMBLY

AAC Drawing Number 14061181 Rev 0

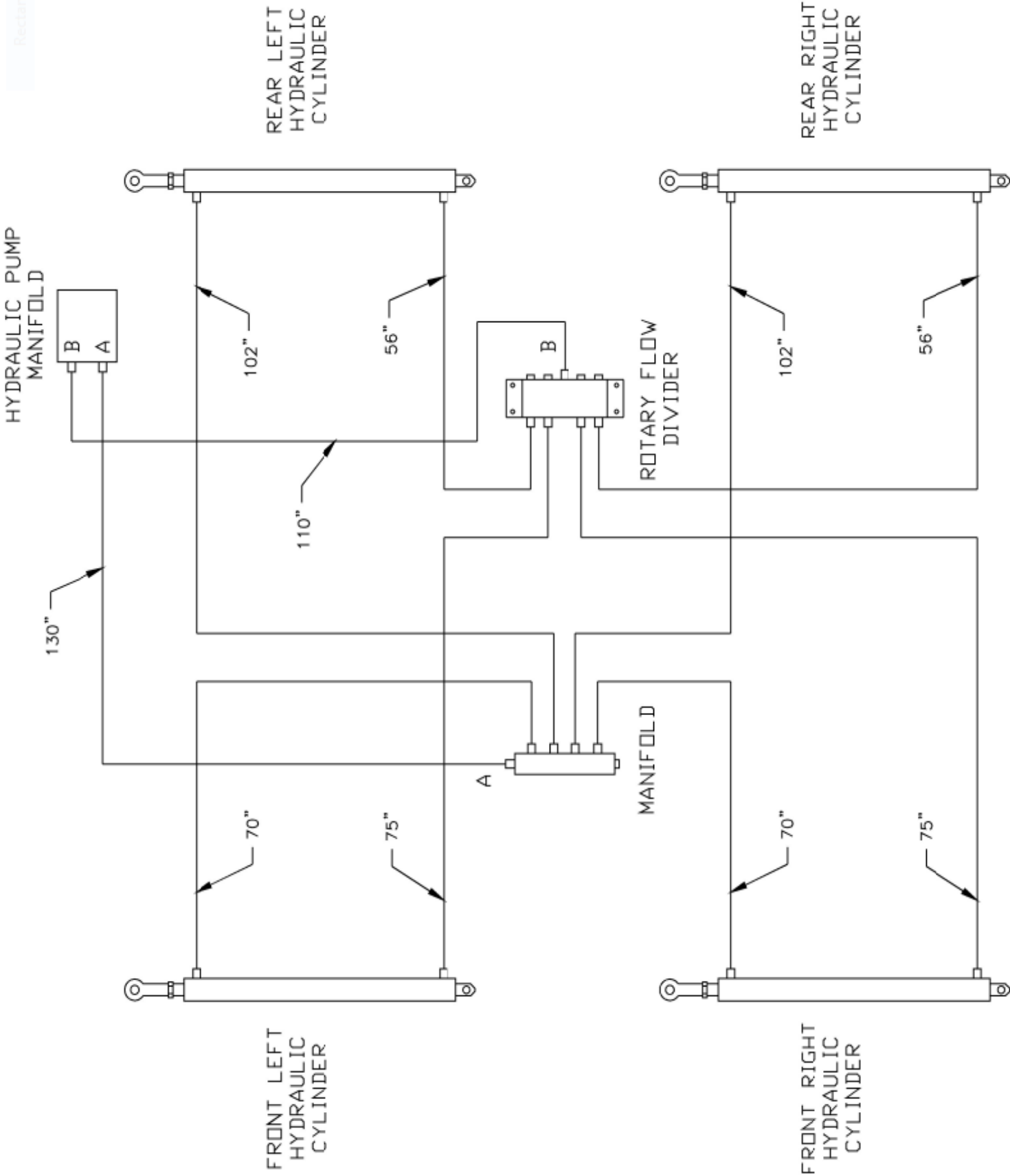


ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	0411-3708	NUT PLATE,BOX MOUNT
2	1	1406059	MOUNT, TOUCH SCREEN
3	1	14061179	BUTTON BOX, E-STOP/START
4	1	4082105	TOUCHSCREEN. 10", SUB ASSEMBLY
5	1	4082105B	HMI BACKING PLATE, EEE10TSM
6	1	4300574	MOUNT, HMI, PC DISPLAY
7	1	NNE1/4-20	NUT,ELASTIC LOCK,1/4-20
8	1	SSHHC01064	1/4-20 X 1 HHCS
9	4	SSSC90040	8-32 X 5/8 SOC CAP SC
10	4	SSSCM3X16	M3-0.5X16 ,SOCKET CAP
11	1	TTH32425	HANDLE,THRDED,5/16-18X3/4
12	4	WWFM3	FLAT WASHER, M3
13	2	WWFS1/4	WASHER,FLAT,SAE,1/4
14	1	WWFS5/16	WASHER,FLAT,SAE,5/16
15	4	WWLM3	WASHER, LOCK, M3

1406-HD Hydraulic diagram

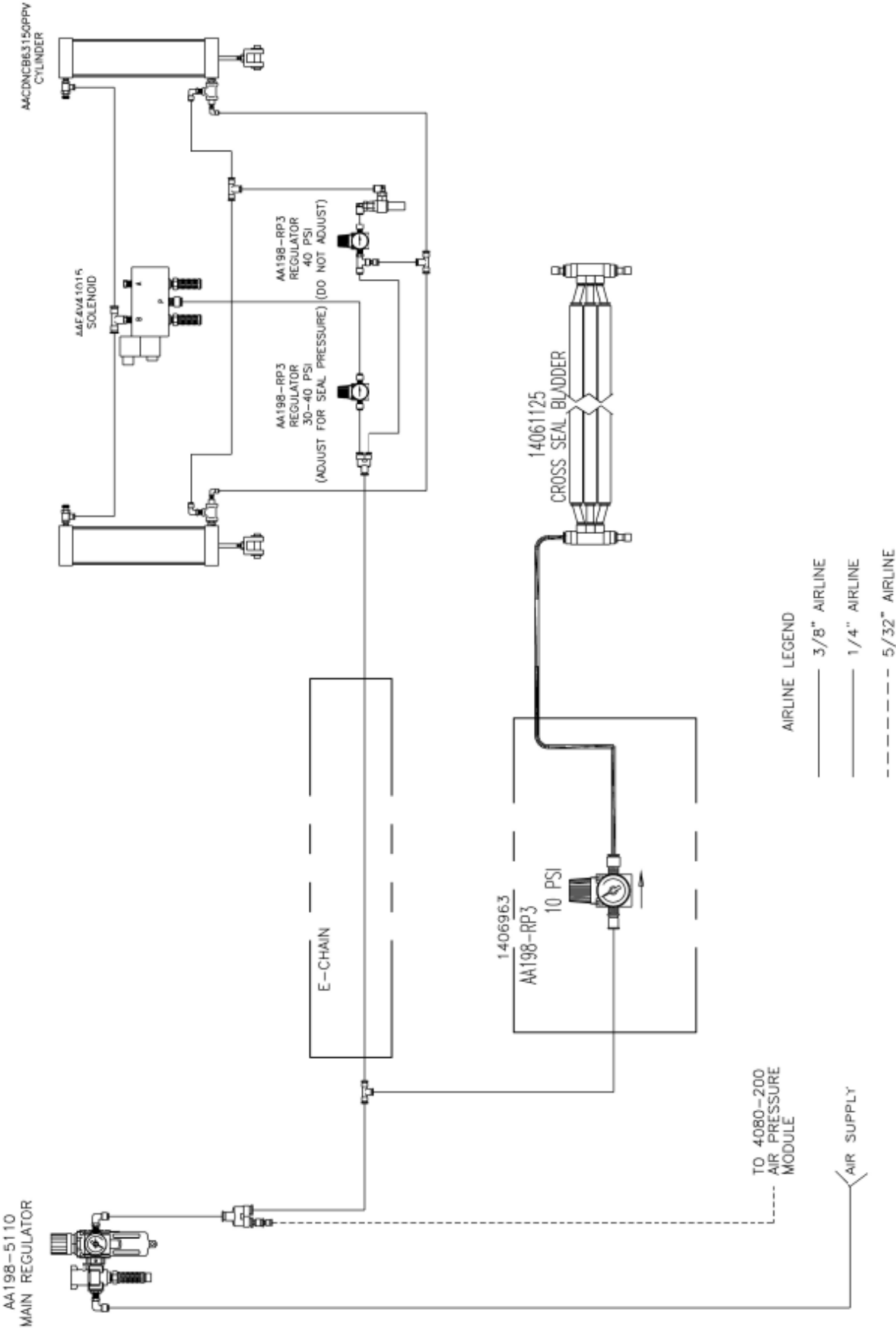
AAC Drawing Number 125916C Rev 0

Rectan



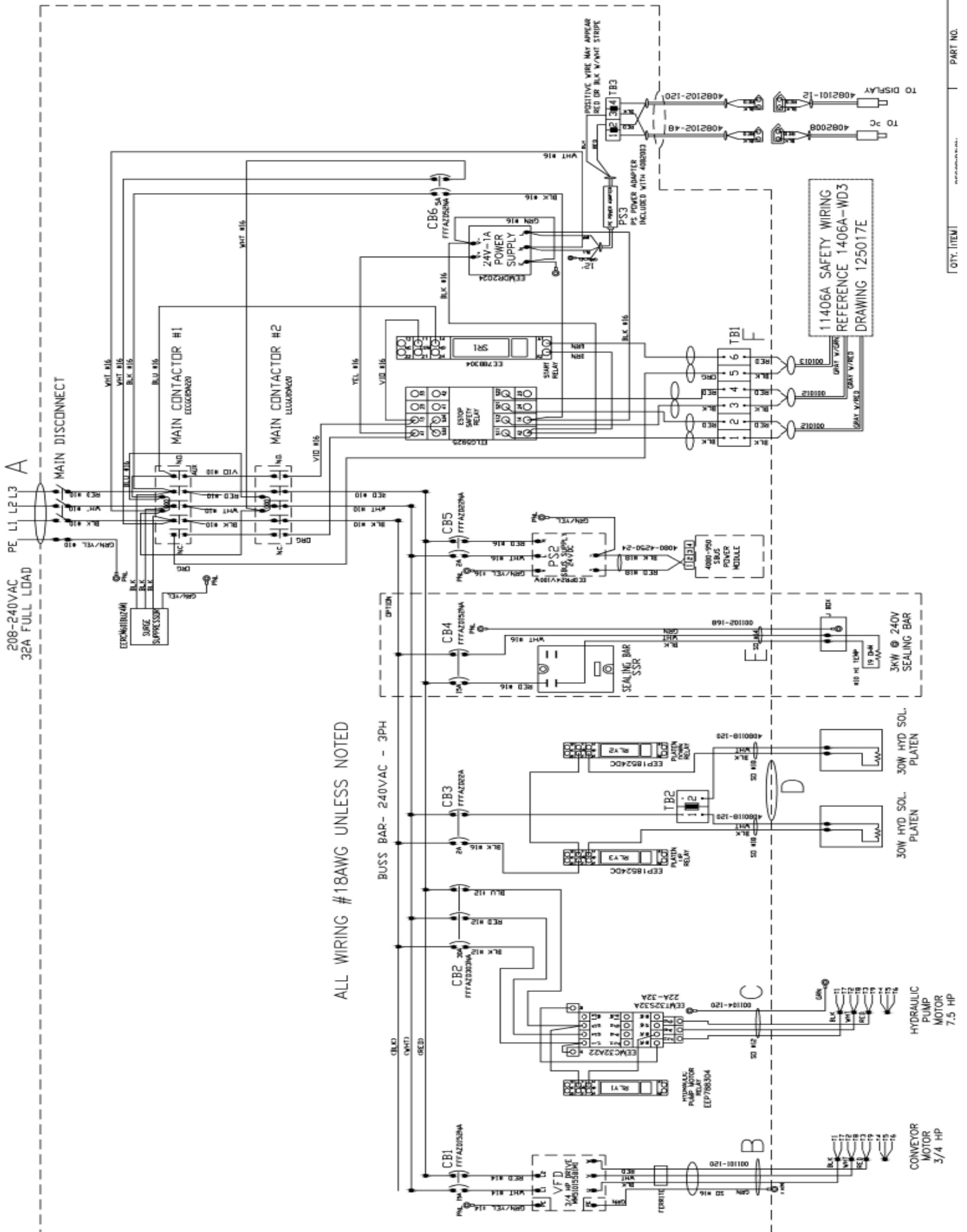
1406A-PD Pneumatic Diagram

AAC Drawing Number 125690D Rev 2



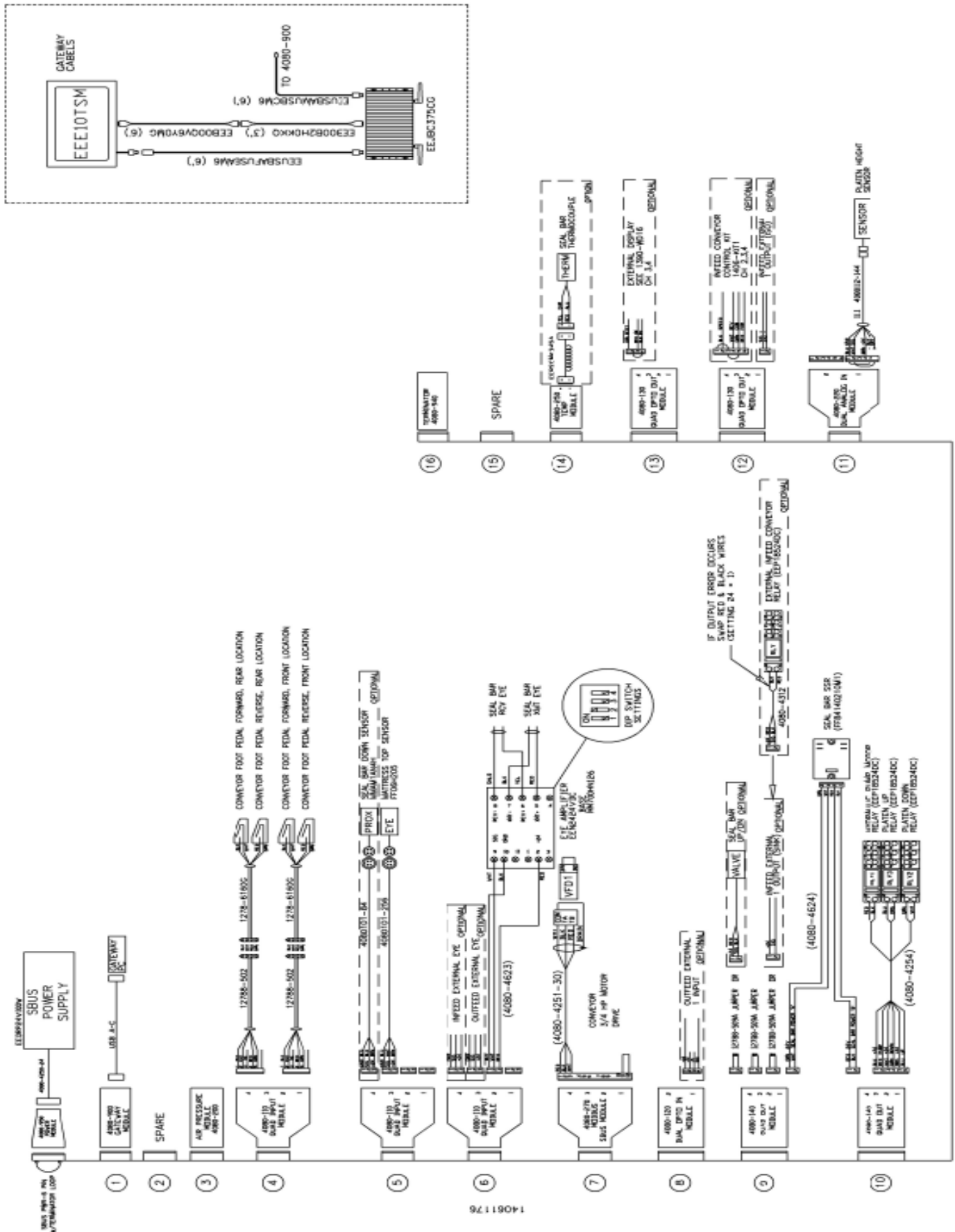
1406A-WD1 Wiring Diagram, Power

AAC Drawing Number 125687D Rev 0



1406A-WD2 Wiring Diagram, Serial Bus

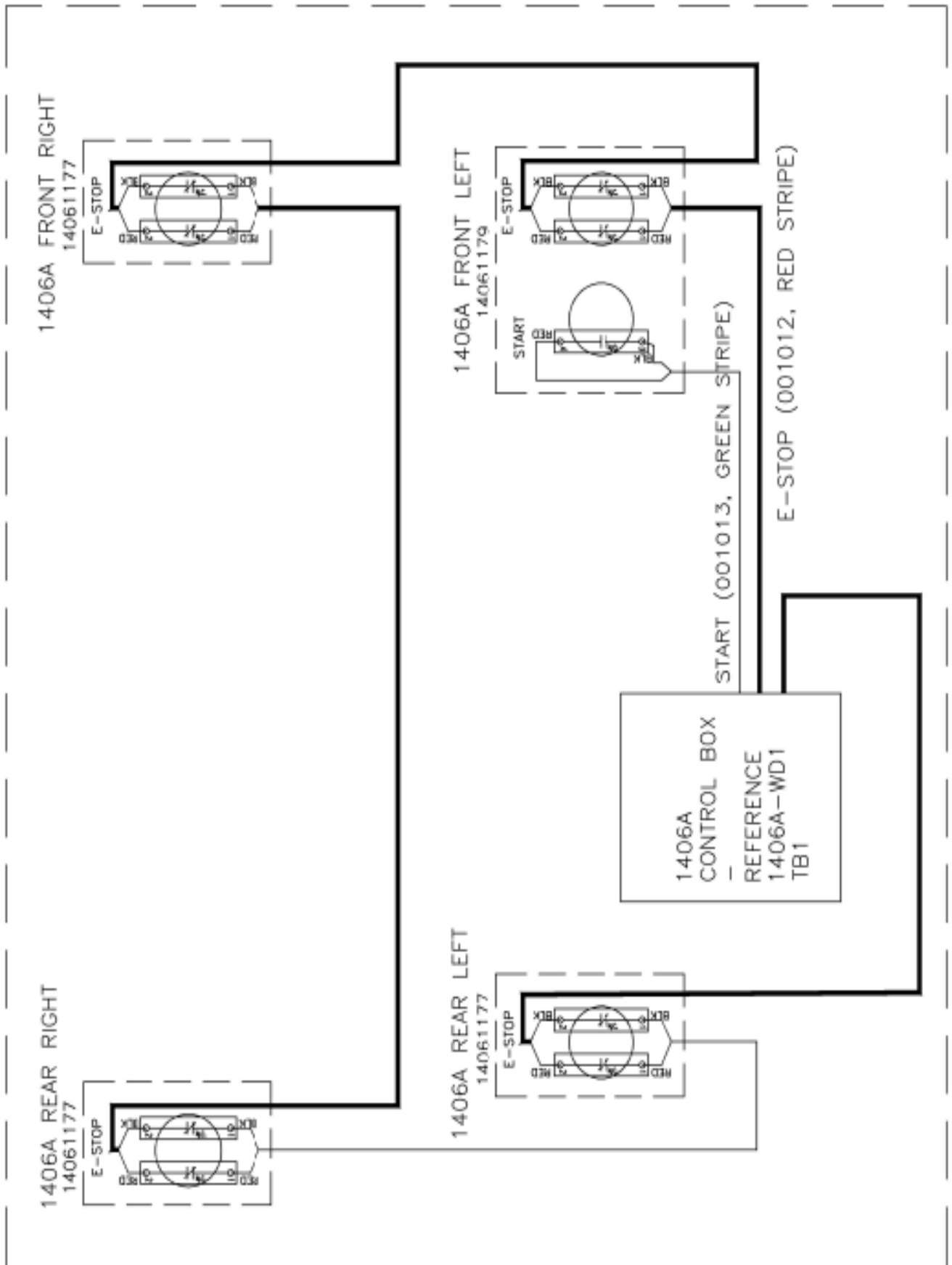
AAC Drawing Number 125689D Rev 0



1406A-WD3 Wiring Diagram, Safety

AAC Drawing Number 125017E Rev 0

11406A





Atlanta Attachment Company
362 Industrial Park Drive
Lawrenceville, GA 30046
770-963-7369
www.atlatt.com

Printed in the USA