



MCELROY A729801 Polygon Polygon LT Fusion Machines User Manual

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Polygon™, Polygon™ LT
Fusion Machines

Models: A729801, A729802, A729803, A729804, A729805, A04P0978372



Manual: 729601
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Original Language:
Operator's Manual

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Important Safety Information


Most accidents that involve product operation, maintenance and repair are caused by failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing potentially hazardous situations before an accident occurs. A person must be alert to potential hazards. This person should also have necessary training, skills and tools to perform these functions properly. Advanced training is offered through McElroy University. Course offerings are meant to enhance your efficiency, productivity and safety in the proper use of McElroy equipment.


Improper operation, maintenance or repair of this product can be dangerous and could result in injury or death. Do not operate this product until you have carefully read, and understand all the sections of this manual, and all other equipment manuals that will be used with it. Follow all applicable federal, state, local, and industry specific regulations.

The hazards are identified by the “Safety Alert Symbol” and followed by a “Signal Word” such as “DANGER”, “WARNING” or “CAUTION”. The Safety Alerts are shown below.

The meaning of these safety alert symbols are as follows:

 **DANGER** – Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

 **WARNING** – Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

 **CAUTION** – Indicates a hazardous situation which, if not avoided, may result in minor or moderate injury.


Signal words “**NOTICE**” and “**IMPORTANT**” are used to bring attention to important information.

The meaning of these signal words are as follows:

“**NOTICE**” – Can keep you from doing something that might damage the machine or someone’s property. It may also be used to GEFAHR alert against unsafe practices.

“**IMPORTANT**” – Can help you do a better job or make your job easier in some way. McElroy cannot anticipate every possible circumstance that might involve a potential hazard. The warnings in this publication and on the product are, therefore, not all inclusive. If a tool, procedure, work method or operating technique that is not specifically recommended by McElroy is used, you must satisfy yourself that it is safe for you and for others. You should also ensure that the product will not be damaged or be made unsafe by the operation, maintenance or repair procedures that you choose. The information, specifications, and illustrations in the publication are on the basis of information that was available at the time that the publication was written. The specifications, pressures, measurements, adjustments, illustrations, and other items can change at any time. These changes can affect the service that is given to the product. Obtain the complete and most current information before you start any job. The most current information is available at our website www.mcelroy.com.

 **WARNING** Cancer and Reproductive Harm – www.P65warnings.ca.gov 8163361

 **WARNING** When replacement parts are required for this product McElroy recommends using McElroy replacement parts or parts with equivalent specifications including, but not limited to, physical dimensions, type, strength and material.

Failure to heed this warning can lead to premature failures, product damage, personal injury or death.

For Digital Copy: Press Alt + Left Arrow to return to the link that was clicked.

FOREWORD

Literature Information

This manual should be stored in a protected location for future reference. Use the literature holder if provided with

the product. Digital copy will contain hyperlinks. Press Alt + Left Arrow to return to the selected hyperlink.

This manual contains safety information, operation instructions, transportation information, lubrication information and maintenance information.

Some photographs or illustrations in this publication show details or equipment that can be different from your machine.

Guards and covers might have been removed for illustrative purposes.

Continuing improvement and advancement of product design might have caused changes to your machine which are not included in this publication. Read, study and keep this manual with the machine.

Whenever a question arises regarding your machine, or this publication, please contact McElroy Technical Services at 918831-9224 or techsupport@mcelroy.com

Safety

The safety section lists basic safety precautions. In addition, this section identifies the text and locations of warning signs and labels used on the machine.

Read and understand the basic precautions listed in the safety section before operating or performing maintenance and repair on this machine.

Operation

The operation section is a reference for the new operator and a refresher for the experienced operator. This section includes a discussion of gauges, switches, machine controls, accessories and transportation.

Photographs and illustrations guide the operator through correct procedures of setting up, checking and operating the machine.

Operating techniques outlined in this publication are basic.

Proficiency develops as the operator gains knowledge and experience with the machine and its capabilities.

Maintenance

The maintenance section is a guide to equipment care. The maintenance schedule lists the items to be maintained at a specific service interval. Items without specific intervals are listed under the "As Needed" service interval. The schedule lists the page for the step-by-step instructions required to accomplish the scheduled maintenance. Use the schedule as an index for all maintenance procedures.

Some maintenance procedures may be referenced in a manual pertaining to that component of the machine. For example, maintenance for an engine component would have its intervals and procedures in the engine operator's manual.

Use the hour meter (if equipped) to determine servicing intervals. Calendar intervals will be used instead of hour meter intervals if no hour meter is equipped on a machine.

Recommended service should always be performed at the interval that occurs first.

Under extremely severe, dusty or wet operating conditions, more frequent lubrication than is specified in the maintenance schedule might be necessary.

McElroy University



For more than 30 years, McElroy has been the only pipe fusion machine manufacturer to continuously offer advanced training. Course offerings are meant to enhance your efficiency, productivity and safety in the proper use of McElroy machines. McElroy University classes are structured so that the skills learned and the machines

used in each class closely match the machines found on pipelining jobsites. We offer training at our facility or yours. Our uniquely qualified McElroy University course instructors offer years of industry experience. Tuition for each course includes lunches, course materials and a certificate of completion. Online registration, as well as up-to-date course offerings and dates, is available at www.mcelroy.com/university. This manual is intended as a guide only and does not take the place of proper training by qualified instructors. The information in this manual is not all inclusive and can not encompass all possible situations that can be encountered during various operations.

Patent Information

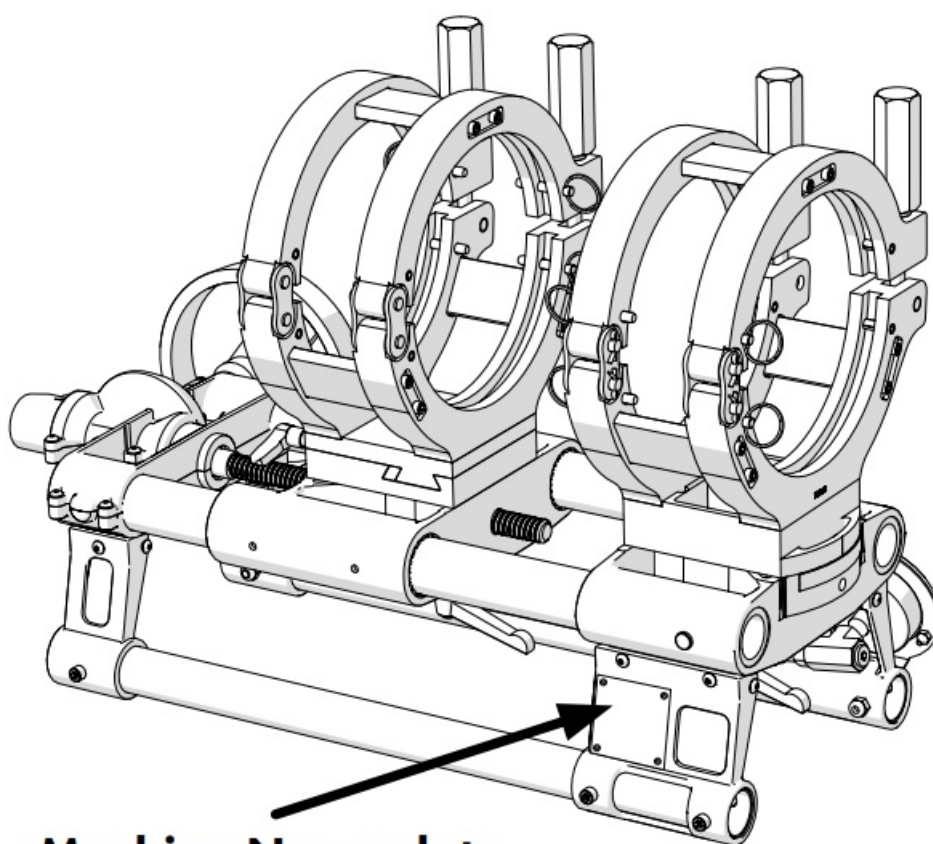
This product and other products could be protected by patents or have patents pending. All the latest patent information is available at patent.mcelroy.com

Replacement Literature

This product is shipped with a printed operator's manual. If the manual becomes lost or damaged, order a replacement manual or download and print a copy of the manual at www.mcelroy.com.

Nameplate Location

Every machine has a name plate that includes the machine's model number, serial number, and power requirements. The model and serial numbers can be used to register the machine online and activate the warranty. Reference warranty card for information on registering your product.



Machine Nameplate

CD02338-11-19-18

Replacement Parts

Refer to the McElroy parts finder at www.mcelroy.com to locate parts for purchase. Reference the model number on the nameplate of the machine when using the parts finder.

Contact your McElroy distributor to order replacement parts. Find your closest distributor on our website at www.mcelroy.com.

Limited Warranty

McElroy Manufacturing, Inc. (McElroy) warrants all products manufactured, sold and repaired by it to be free from defects in materials and workmanship, its obligation under this warranty being limited to repairing or replacing at its factory and new products, within 5 years after shipment, with the exception of purchased items (such as electronic devices, pumps, switches, etc.), in which case that manufacturer's warranty applies. Warranty applies when returned freight is prepaid and which, upon examination, shall disclose to have been defective. This warranty does not apply to any product or component which has been repaired or altered by anyone other than McElroy or has become damaged due to misuse, negligence or casualty, or has not been operated or maintained

according to McElroy's printed instructions and warnings. This warranty is expressly in lieu of all other warranties expressed or implied. The remedies of the Buyer are the exclusive and sole remedies available and Buyer shall not be entitled to receive any incidental or consequential damages. Buyer waives the benefit of any rule that disclaimer of warranty shall be construed against McElroy and agrees that such disclaimers herein shall be construed liberally in favor of McElroy.

Return of Goods

Buyer agrees not to return goods for any reason except upon the written consent of McElroy obtained in advance of such return, which consent, if given, shall specify the terms and conditions and charges upon which any such return may be made. Materials returned to McElroy, for warranty work, repair, etc., must have a Return Material Authorization (RMA) number, and be so noted on the package at time of shipment. For assistance, inquiry shall be directed to: McElroy Manufacturing, Inc. P.O. Box 580550

833 North Fulton Street Tulsa, Oklahoma 74158-0550 PHONE: (918) 836-8611, FAX: (918) 831-9285.

EMAIL: fusion@McElroy.com

Note: Certain repairs, warranty work, and inquiries may be directed, at McElroy's discretion, to an authorized service center or distributor.

Disclaimer of Liability

McElroy accepts no responsibility of liability for fusion joints. Operation and maintenance of the product is the responsibility of others. We recommend qualified joining procedures be followed when using McElroy fusion equipment.

McElroy makes no other warranty of any kind whatever, express or implied; and all implied warranties of merchantability and fitness for a particular purpose which exceed the aforesaid obligation are hereby disclaimed by McElroy.

Product Improvement

McElroy reserves the right to make any changes in or improvements on its products without incurring any liability or obligation to update or change previously sold machines and/or the accessories thereto.

Information Disclosed

No information of knowledge heretofore or hereafter disclosed to McElroy in the performance of or in connection with the terms hereof, shall be deemed to be confidential or proprietary, unless otherwise expressly agreed to in writing by McElroy and any such information or knowledge shall be free from restrictions, other than a claim for patent infringement, is part of the consideration hereof.

Proprietary Rights

All proprietary rights pertaining to the equipment or the components of the equipment to be delivered by McElroy hereunder, and all patent rights therein, arising prior to, or in the course of, or as a result of the design or fabrication of the said product, are exclusively the property of McElroy.

Law Applicable

All sales shall be governed by the Uniform Commercial Code of Oklahoma, U.S.A.

Register your product online to activate your warranty: www.McElroy.com/fusion

(Copy information listed on the machine nameplate here for your records).

Model No. _____

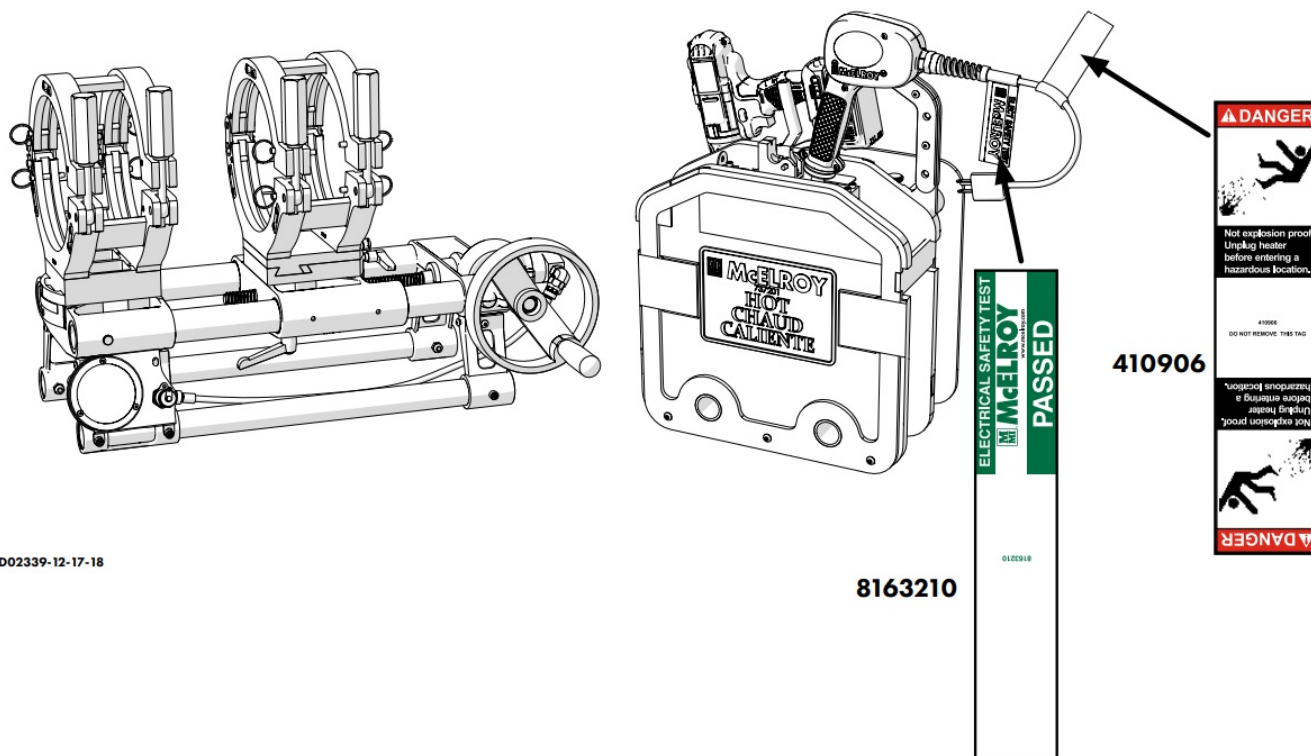
Serial No. _____

Date Received _____

Distributor _____

SAFETY

CD02339-12-17-18



8163210

There can be several specific safety messages on this machine.

The exact location of the hazards and the description of the hazards are reviewed in this section. Please become familiarized with all safety messages. Make sure that all of the safety messages on the machine are legible. Clean the safety messages or replace the safety messages if you cannot read the words. Replace if the illustrations are not legible. When you clean the safety messages, use a cloth, water and soap. Do not use solvent, gasoline, or other harsh chemicals to clean the safety messages. Solvents, gasoline, or harsh chemicals could loosen the adhesive that secures the safety message or damage the print of the safety message.

Replace any safety message that are damaged, or missing.

If a safety message is attached to a part that is replaced, install a safety message on the replacement part. New safety messages can be ordered from McElroy using the part number listed.

General Safety

Safety is important. Report anything unusual that you notice during set up or operation.

LISTEN for thumps, bumps, rattles, squeals, air leaks, or unusual sounds.

SMELL odors like burning insulation, hot metal, burning rubber, hot oil, or natural gas.

FEEL any changes in the way the equipment operates.

SEE problems with wiring and cables, hydraulic connections, or other equipment.

REPORT anything you see, feel, smell, or hear that is different from what you expect, or that you think may be unsafe.



SAFE1ST-2-21-18

Safety Equipment

Wear a hard hat, safety shoes, safety glasses, and other applicable personal protective equipment.

Remove jewelry and rings, and do not wear loose fitting clothing or long hair that could catch on controls or

moving machinery. Remove any loose safety equipment during an operation that could be drawn into or caught in the machine.

Ensure proper fire prevention or other fire-fighting equipment is available and all personnel know how and when to use it.

Heater Is Not Explosion Proof

This safety message is located on the cord of the heater.

⚠ DANGER This heater is not explosion proof. Operation of heater in an explosive atmosphere without necessary safety precautions will result in serious injury or death.

When operating in an explosive atmosphere, the heater should be brought up to temperature in a safe environment, then unplugged before entering the explosive atmosphere for fusion.



Electric Motors are Not Explosion Proof

⚠ DANGER Electric motors are not explosion proof. Operation of these components in an explosive atmosphere without necessary safety precautions will result in serious injury or death.

The Polygon™ facer drill motor cannot be used manually and must not be used in an explosive atmosphere.



Electrical Safety

⚠ WARNING Always ensure equipment is properly grounded. It is important to remember that if you are working

in a wet environment with electrical devices. Proper ground connections help to minimize the chances of an electric shock.

Frequently inspect electrical cords and unit for damage. Have damaged components replaced and service performed by a qualified electrician. Do not carry electrical devices by the cord

NOTICE: Always connect units to the proper power source as listed on the unit, or in the owner's manual. Use GFCI electrical connections when available.



WR00065-2-21-18

Power Tool Safety

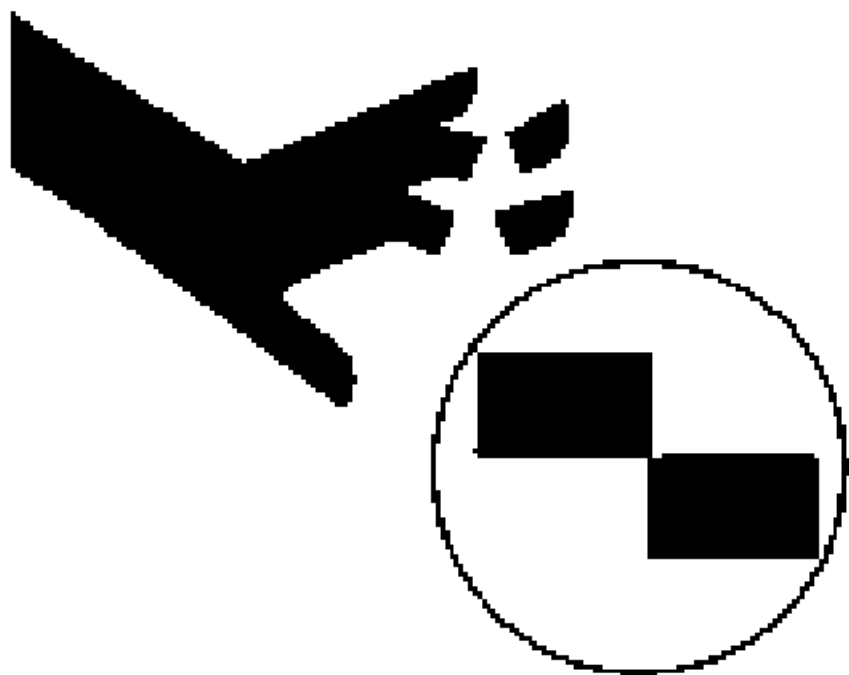
⚠ WARNING Read and understand the all instructions provided with your power tool. Failure to follow all the power tool instructions, may result in electric shock, fire and/or serious personal injury.

Facer Blades Are Sharp

⚠ WARNING Facer blades are sharp and can cut. Never attempt to remove shavings while the facer is running, or is in the facing position between the jaws. Use care when operating the facer, and when handling the unit.

NOTICE: Remove the battery from the drill motor before attempting any maintenance or adjustment of facer blades.

NOTICE: Never extend the facer blades beyond the inner or outer circumference of the facer.



Heater is Hot

⚠ CAUTION The heater is hot and will burn clothing and skin.

Keep the heater in its insulated heater stand or blanket when not in use, and use care when heating the pipe.

NOTICE: Use only a clean dry lint free non-synthetic cloth to clean the heater plates.



WR00030-2-21-18

Sound Information

The operator Equivalent Sound Pressure Level is 86 dB(A). This is measured from the operator location at the machine. The distance of the measurement is 24" (61cm) from the machine. Hearing protection may be needed when the machine is operated during facing or in a noisy environment.

Fusion Procedures

Obtain a copy of the pipe manufacturer's fusion procedures or appropriate joining standard for the pipe being fused. Follow the procedure carefully, and adhere to all specified parameters.

NOTICE: Failure to follow the pipe manufacturer's fusion procedures or appropriate joining standard could result in a bad fusion joint.

Do Not Modify Machine

Make no modifications to your equipment unless specifically recommended or requested by McElroy.

GENERAL INFORMATION

Theory of Butt Fusion

The principle of heat fusion is to heat two pipe surfaces to a designated temperature, and then fuse them together by application of force. This develops pressure which causes flow of the melted materials, which causes mixing and thus fusion.

When the thermoplastic material is heated, the molecular structure is transformed into an amorphous condition. When fusion pressure is applied, the molecules from each thermoplastic part mix. As the joint cools, the molecules return to their form, the original interfaces are gone, and the fitting and pipe have become one monolithic unit. A strong, fully leak tight connection is the result.

The principal operations include:

Clamping The pipe pieces are held axially and radially to allow all subsequent operations to take place.

Facing The pipe ends are faced to establish clean, parallel mating surfaces perpendicular to the centerline of the pipes.

Aligning The pipe ends are aligned with each other to minimize mismatch of the pipe walls.

Heating A melt pattern that penetrates into the pipe is formed around both pipe ends.

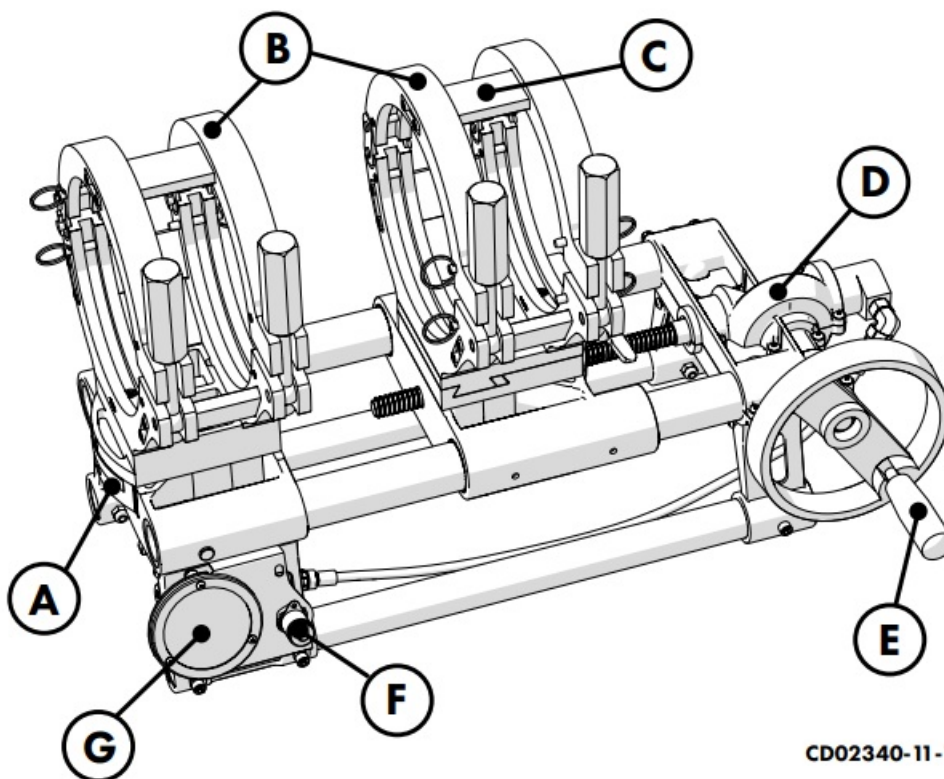
Fusing The melt patterns are joined with a specified force, which is constant around the pipe interfacial area.

Cooling The fusion joint is held immobile with a specified force until adequately cooled.

Inspecting Visually examine the entire circumference of the joint for compliance with the standard or fusion procedure used.



Nomenclature
Polygon™ Carriage



CD02340-11-19-18

A – Angle Scale Label

Used to set the angle of the jaws for mitered fusions.

B – 180mm Pipe Jaws

Clamps and holds the pipe. The jaws can rotate for mitered pipe fusions. The movable jaws can also be shifted laterally for alignment. Jaws can be removed from the sets to create a two or three jaw machine. The jaws can be

removed and socket fusion jaws can be installed.

C – Spacer Plates

Connects the set of jaws and can be removed so that a jaw can be removed from the jaw assembly.

D – Gearbox

Translates the rotation of the handwheel to open and close the carriage.

E – Handwheel

Rotates to open and close the carriage. The handle can be folded in for storage.

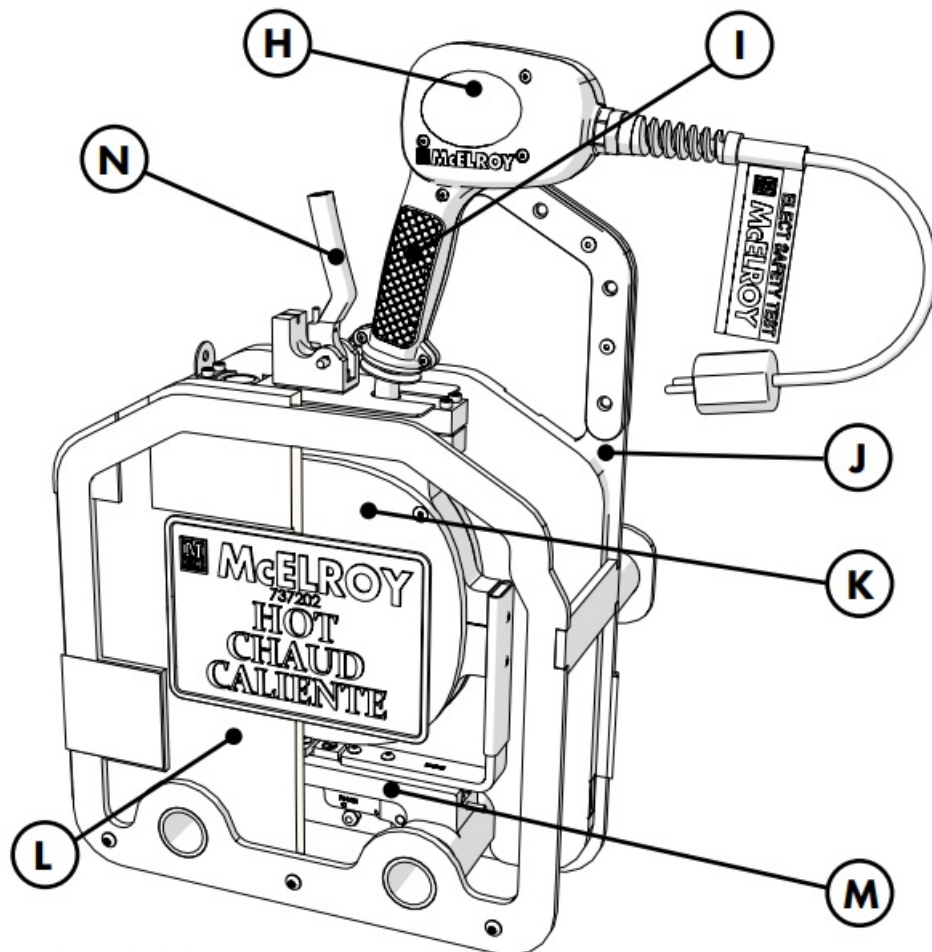
F – DataLogger® Port

Connect a DataLogger® to the Polygon™.

G – Pressure Gauge

Displays the pressure created when closing the carriage.

Heater



CD02385-12-17-18

H – Heater Information Label

Provides model number, power and indicator light information.

I – Heater Handle

Location to hold the heater and has a potentiometer to adjust the heater temperature.

J – Heater/Facer Stand

Stand to store the heater and facer when not being used. Has a handle so it can be carried.

K – Heater Butt Plate

Non-stick coated plates that attach to the heater body.

L – Insulated Heater Bag

This bag is attached to the stand and insulates the heater while stored in the stand. Helps maintain the set heater temperature.

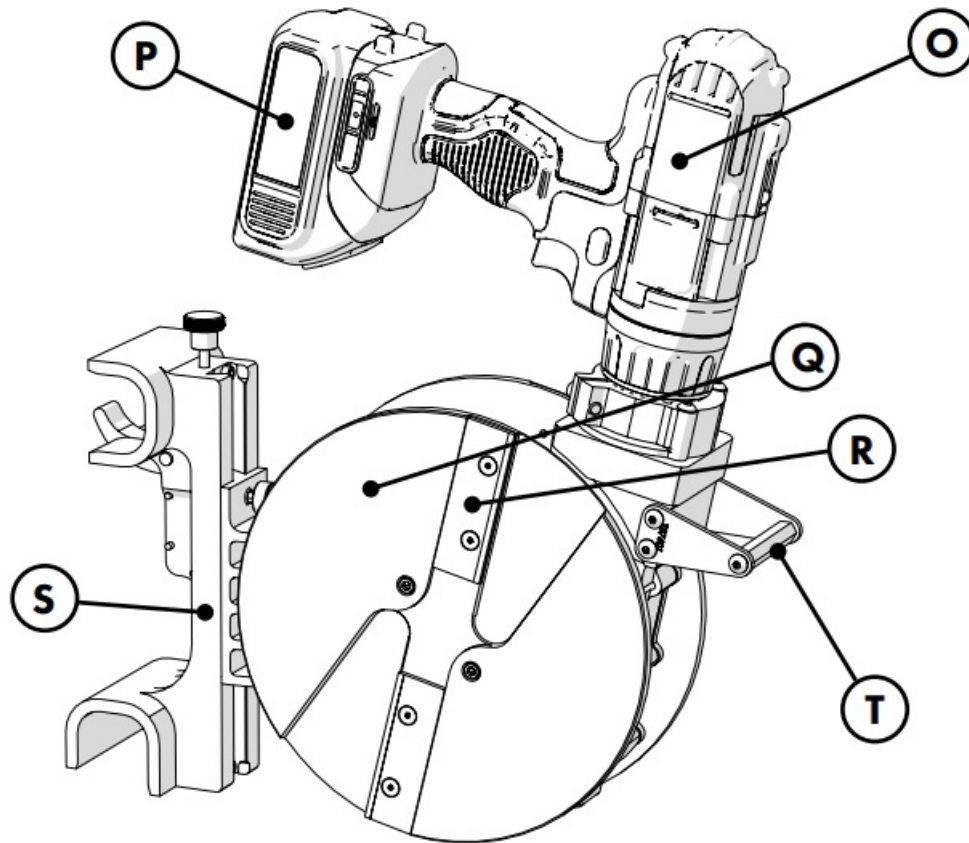
M – Heater Guide Rod Bracket Assembly

The base is used to attach the heater to the guide rods of the Polygon™ and the heater/facer stand. It locks to the Polygon™ or heater/facer stand. The base has detents so the heater may be shifted laterally to align for mitered fusions.

N – Heater Guide Rod Bracket Assembly Lock Release Actuate the lever to release the lock so the heater can be

removed.

Facer



CD02387-12-17-18

O – Drill

Drives the facer, turning the blade holders. It has three speeds and is actuated by the trigger on the handle.

P – Drill Rechargeable Battery

Rechargeable battery that is charged by removing the battery and placing it on the charging dock.

Q – Blade Holder

Driven by the drill motor and holds the facer blades.

R – Facer Blades

Cutting blades that are attached to the blade holders and shave the ends of the pipe while being rotated.

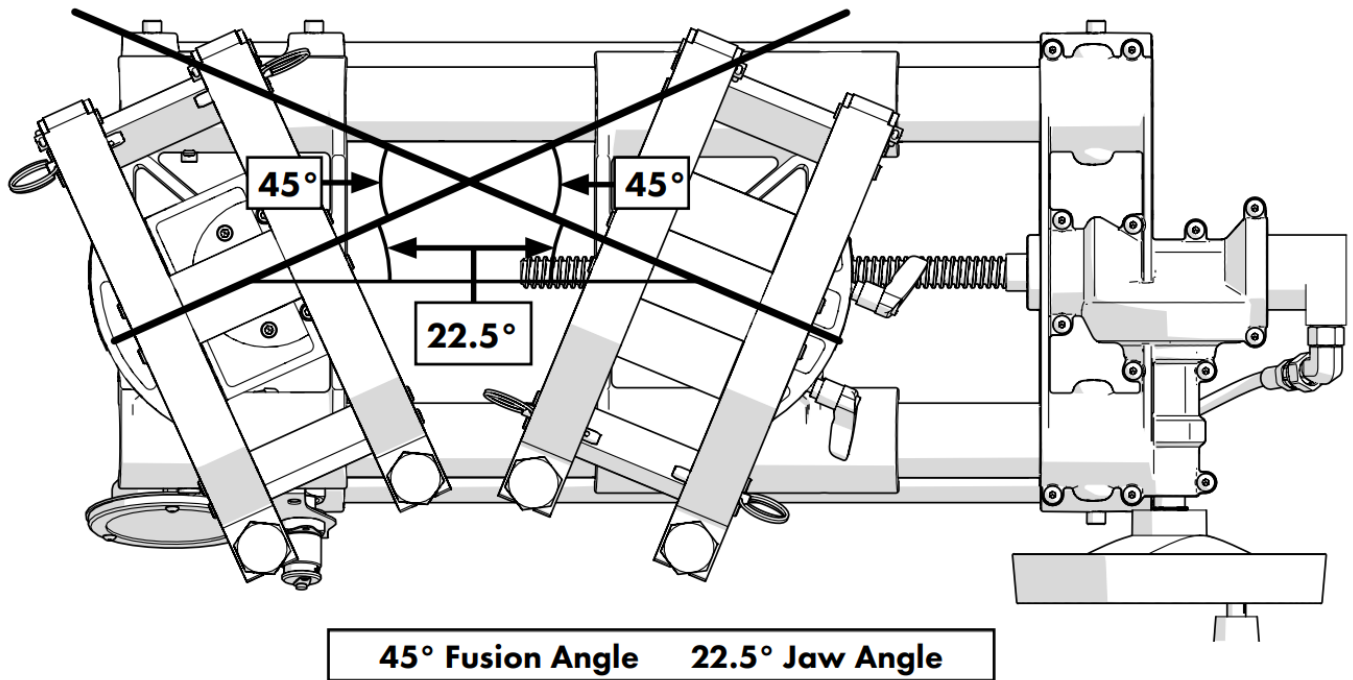
S – Facer Guide Rod Bracket Assembly

The base is used to attach the facer to the guide rods of the Polygon™ and the heater/facer stand. It has a locking pin to lock the base to the Polygon™ or stand. The base has detents so the facer may be shifted laterally to align for mitered fusions.

T – Auxiliary Handle

Provides a handle for easy removal of the facer from the carriage.

Mitered Fusion Angles



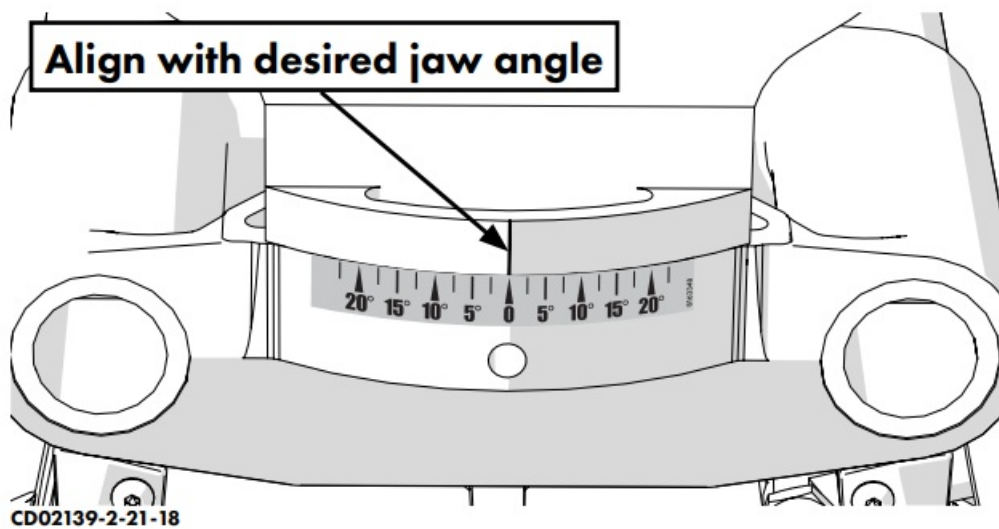
The mitered fusion angle is set by loosening the jaws rotation and rotating the jaws to the desired angle using the angle scale gauge.

To Loosen the Jaw:

Loosen the clamp underneath the jaws.

IMPORTANT: There may be resistance in the clamp while loosening the jaws. Continue to turn the clamp past the resistance to completely loosen the jaw.

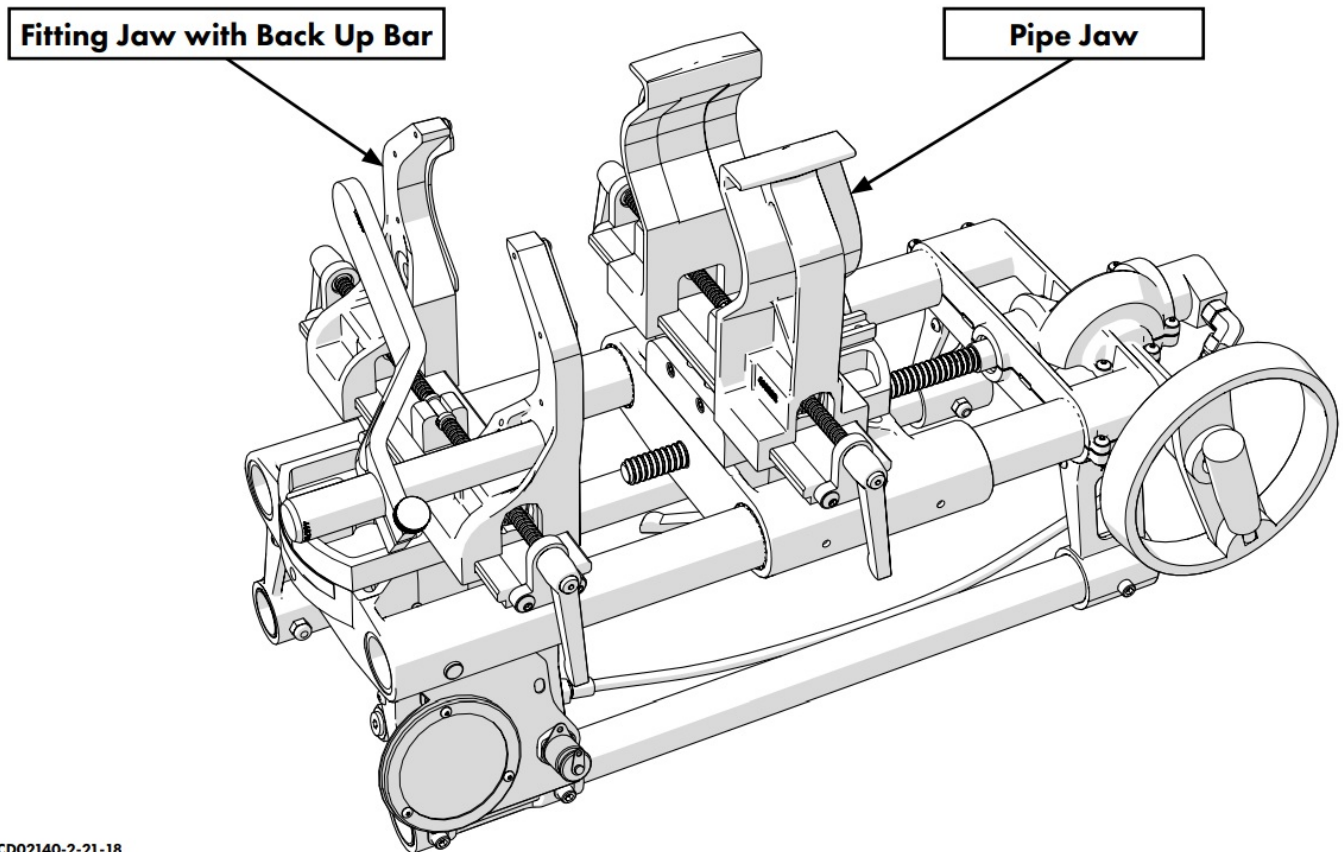
Once the jaws are free to rotate, align the mark on the base of the jaws to the desired jaw angle.



CD02139-2-21-18

Desired Fusion Angle	Jaw Angle
45°	22.5°
40°	20°
35°	17.5°
30°	15 °
25°	12.5°
20°	10°
15 °	7.5°
10°	5°
5°	2.5°

Socket Fusion Jaws



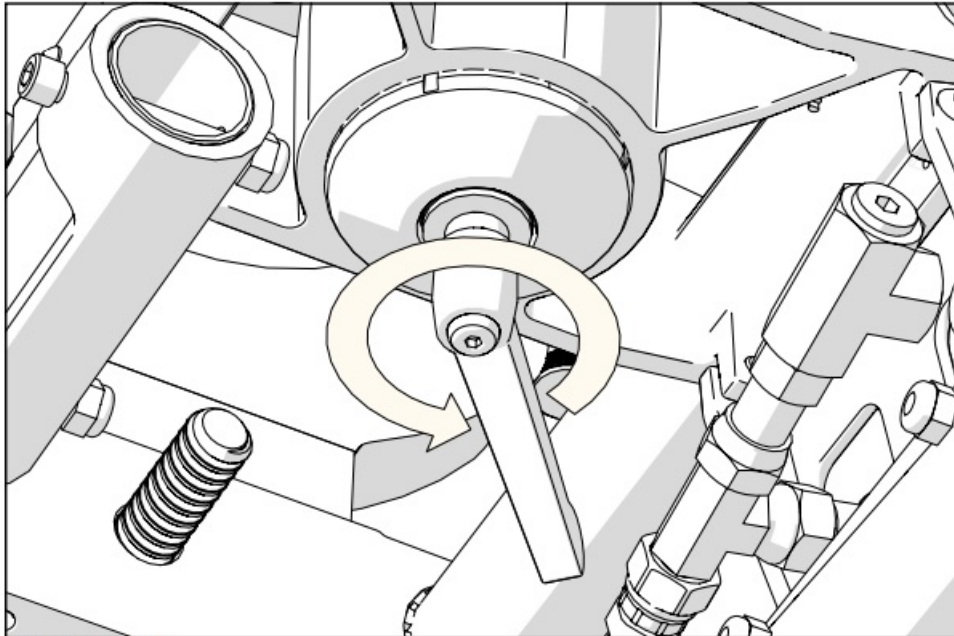
CD02140-2-21-18

Socket fusion jaws can be installed to make pipe and fitting fusions using the Polygon™. The fitting is clamped in the Fitting Jaw and the Back Up Bar applies resistance to the fitting to prevent the fitting from moving in the jaw. The pipe is clamped in the movable Pipe Jaw. Refer to section “Operation – Socket Fusion” for instructions on how to perform a socket fusion using the Polygon™ equipped with the socket fusion jaws.

Change Polygon™ Jaws

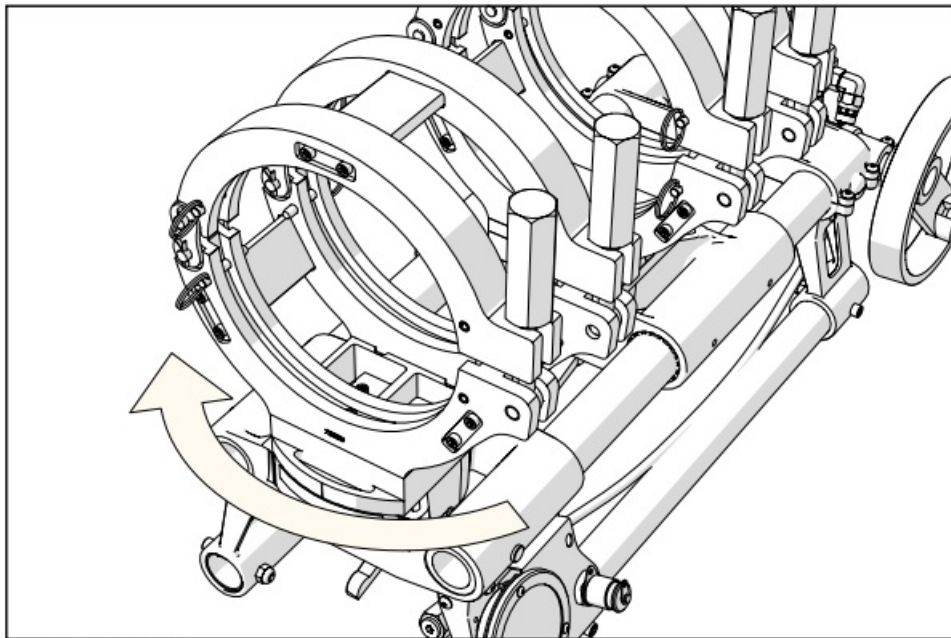
Remove Fixed Jaw:

1. Loosen the clamp under the fixed jaw until the clamp is removed from the jaw.



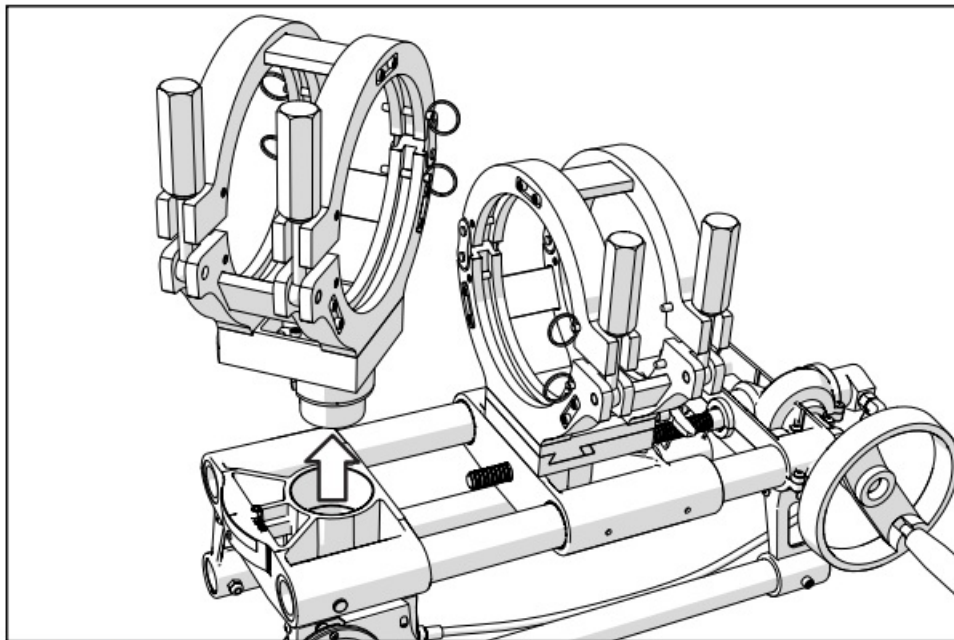
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2. Remove the jaw pipe support. Rotate fixed jaw approximately 45° clockwise to the end of rotation.



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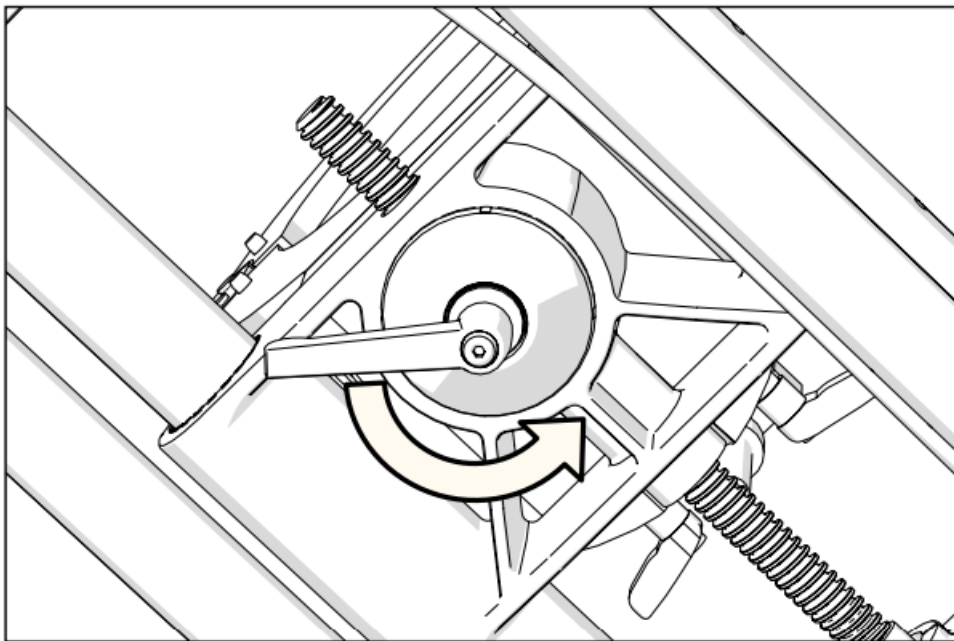
3. Lift the fixed jaw up and away from the Polygon™ base.



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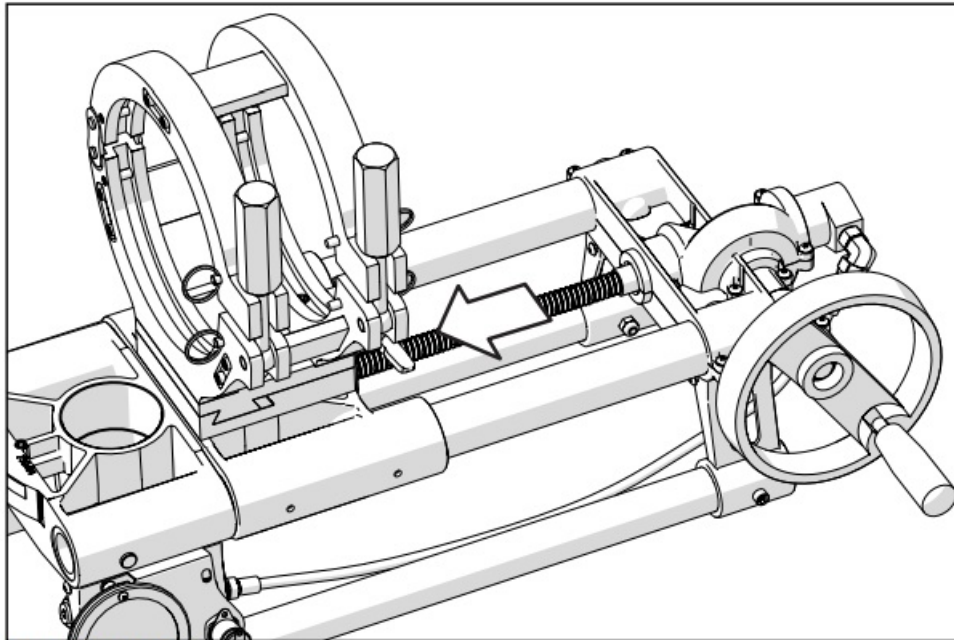
Remove Movable Jaw:

1. Loosen the clamp under the movable jaw until the clamp is removed from the jaw.



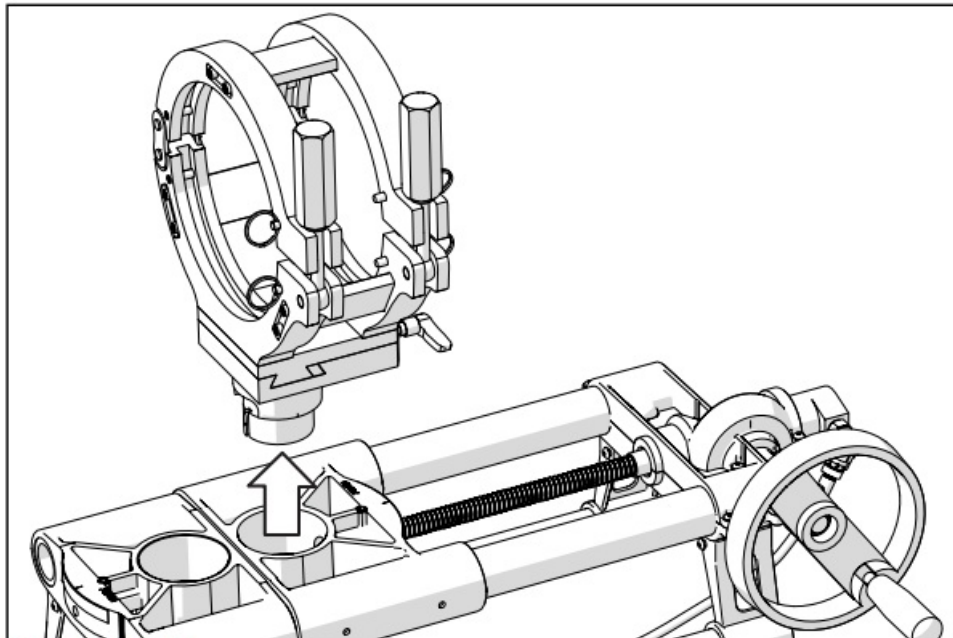
CD02145-2-21-18

2. Close the carriage completely.



CD02345-11-19-18

3. Lift the movable jaw up and away from the Polygon™ base.



CD02346-11-19-18

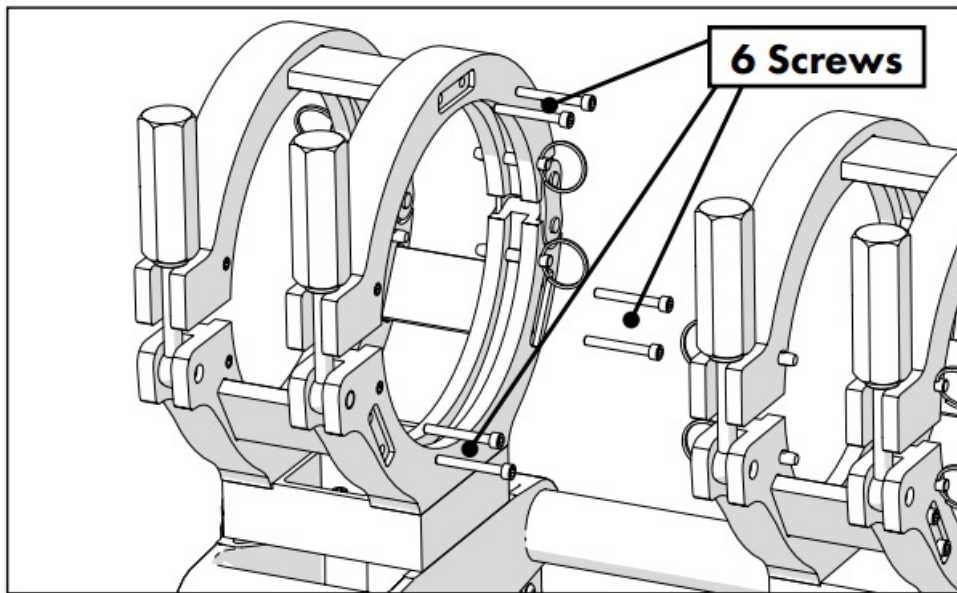
4. Install the other set of jaws in reverse order. Install the movable jaw first and then open the carriage so that the fixed jaw can be installed. Tighten both clamps after installation to secure the jaws in the Polygon™ base.

Remove Outer Jaws

The Polygon™ can be configured into a 2 or 3 jaw fusion machine. Outer jaws can be removed from both sets of jaws.

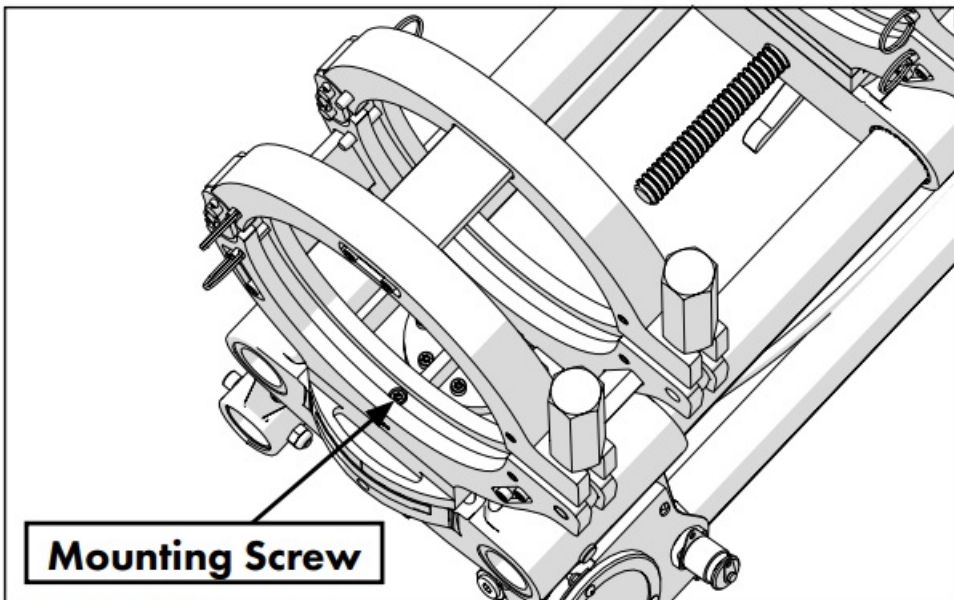
Remove Outer Jaw:

1. Remove the 6 screws that attach the inner jaw to the outer jaw.



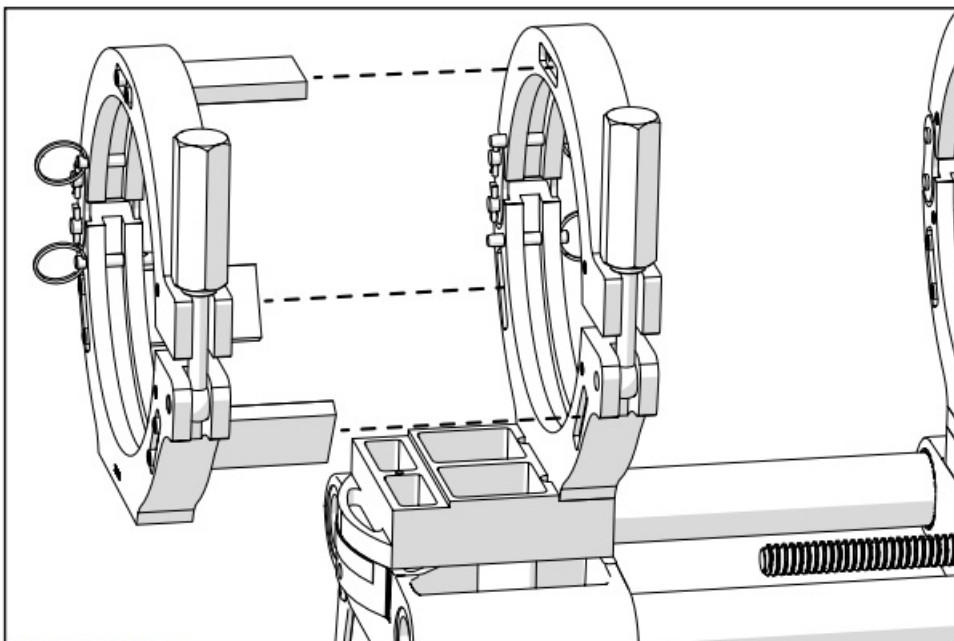
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2. Remove the screw attaching the jaw to the jaw base.



CD02351-11-26-18

3. Remove the outer jaw from the base. The outer jaw on the movable set is removed using the same steps.



CD02352-11-26-18

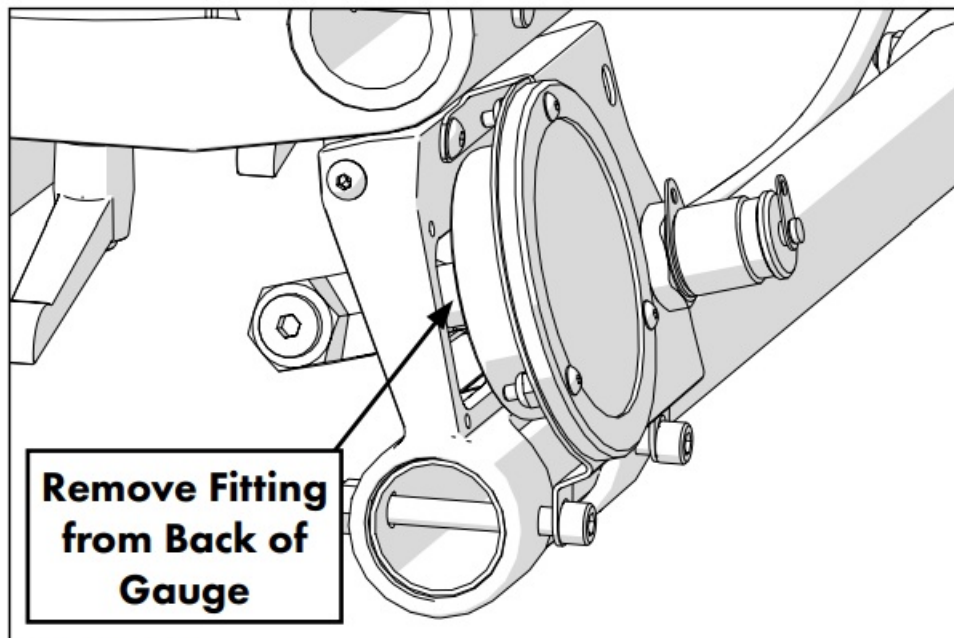
Configure Machine for High or Low Force

The Polygon™ package comes equipped with either a 400 psi or 2000 psi pressure gauge. When calculated fusion pressures exceed 400 psi, a high pressure gauge and larger handwheel must be installed.

NOTICE: Do not mix the large handwheel with the low pressure gauge. Damage to the gauge will occur from over pressuring.

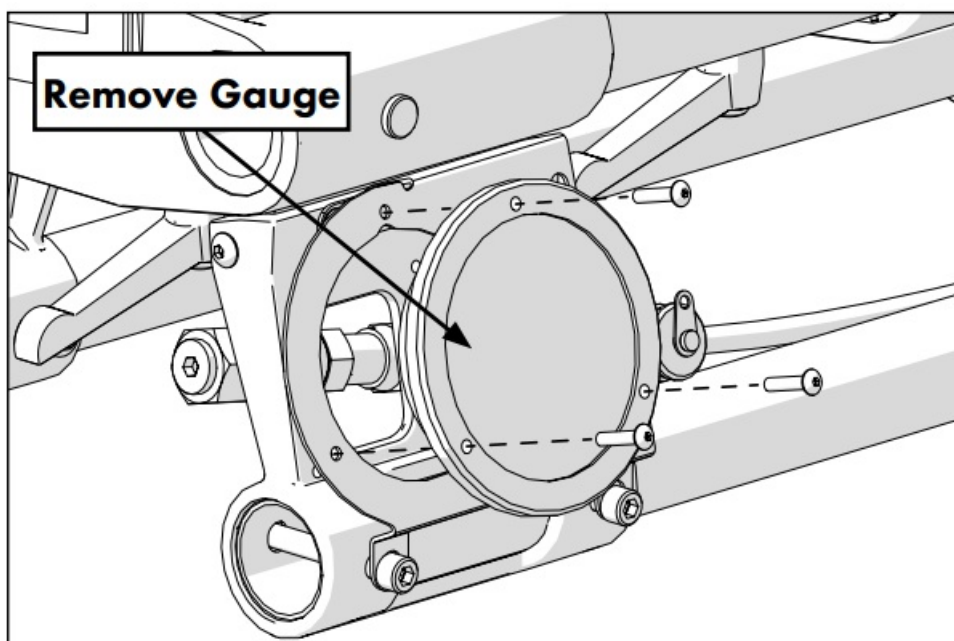
Remove Pressure Gauge:

1. Remove the fitting from the back of the pressure gauge.



CD02347-11-20-18

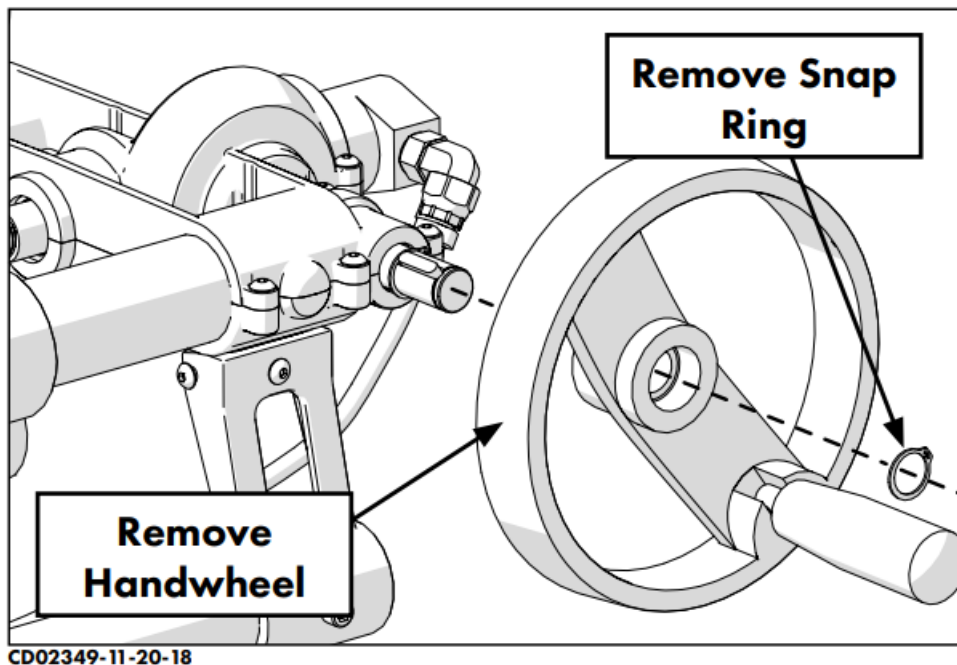
2. Remove the 3 mounting screws on the gauge bezel and remove the pressure gauge.



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Remove Handwheel:

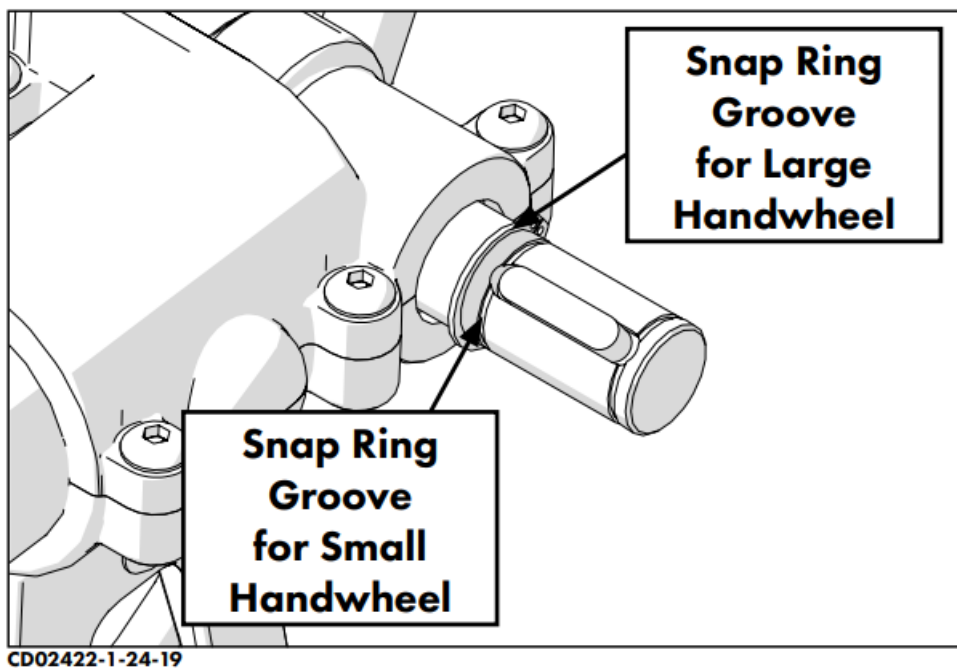
1. Remove the snap ring from the shaft of the handwheel.



2. Remove the handwheel from the shaft.

Install Handwheel:

1. Move the inner snap ring to the large handwheel snap ring groove.



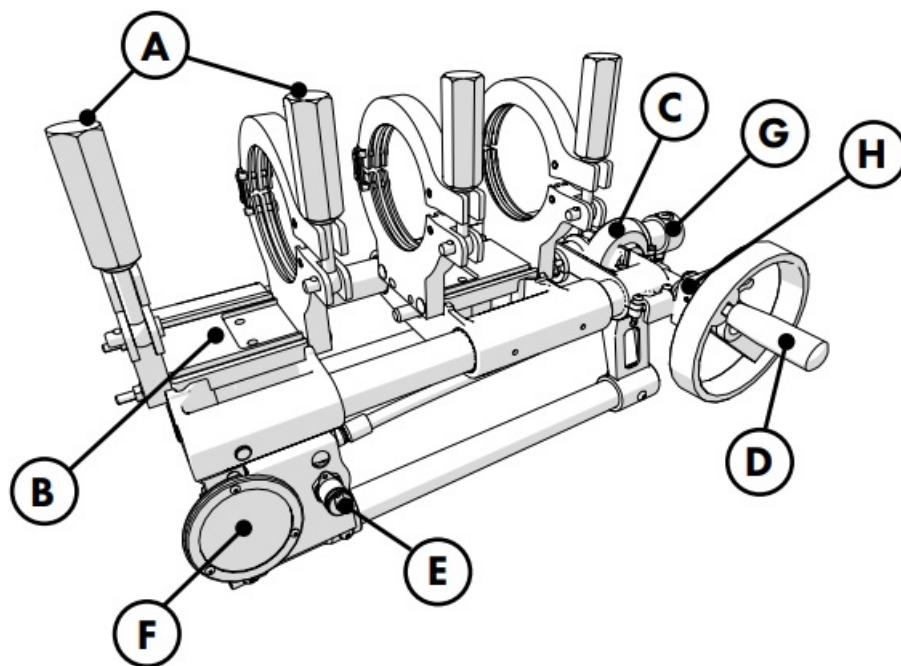
2. Install the larger handwheel on the shaft ensuring the keyway of the wheel slides over the key on the shaft.
3. Replace the snap ring on the shaft.

Install Pressure Gauge:

1. Install the high pressure gauge using the 3 mounting screws.
2. Attach the hydraulic fitting to the back of the pressure gauge.

NOTICE: Do not mix the large handwheel with the low pressure gauge. Damage to the gauge will occur from over pressuring.

Polygon LT Nomenclature
Polygon™ LT Carriage



CD02698-03-20-23

A – 110mm Pipe Jaws

Clamps and holds the pipe. Jaws can be removed from the sets to create a two or three jaw machine.

B – Jaw Mount Plates

Plates that the 4 jaws mount to. Can be configured to 2 jaw or 3 jaw configurations.

C – Gearbox

Translates the rotation of the handwheel to open and close the carriage.

D – Handwheel

Rotates to open and close the carriage. The handle can be folded in for storage.

E – DataLogger® Port

Connect a DataLogger® or the 100 PSI Auxillary Gauge to the Polygon™ LT

F – Pressure Gauge

Displays the pressure when closing the carriage.

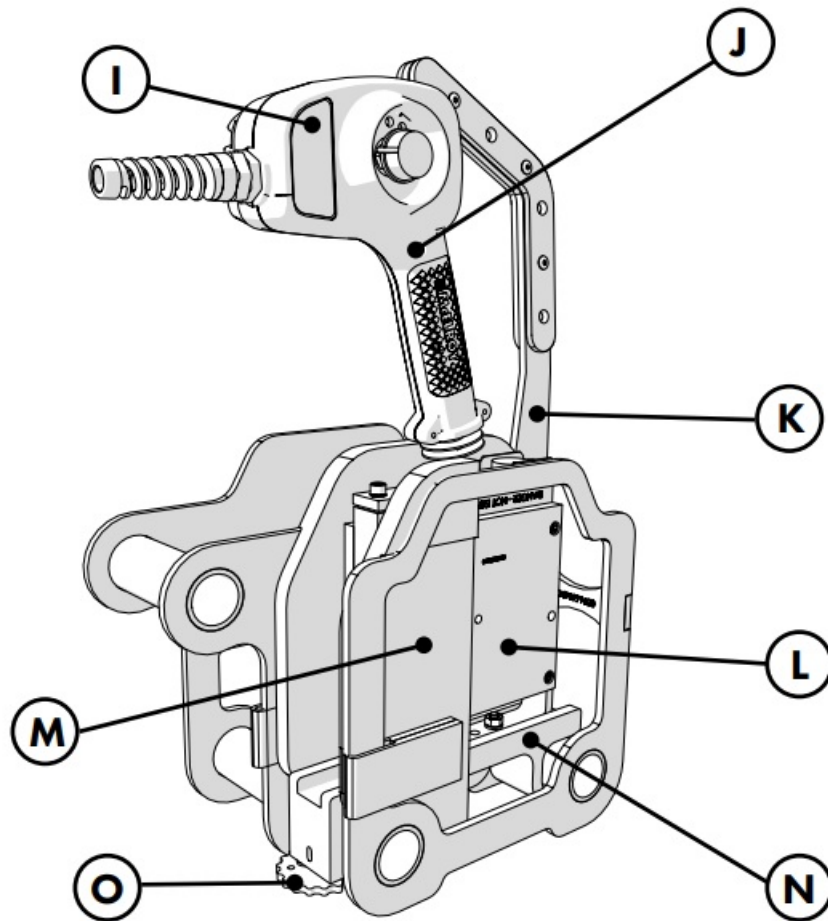
G – Load Cell Cylinder

Translates the force of closing the carriage to hydraulic pressure that is read on the pressure gauge.

H – Shaft Brake

Locks the position of the carriage, holding pressure applied.

Heater



CD02699-03-20-23

I – Heater Information Label

Provides model number, power and indicator light information.

J – Heater Handle

Location to hold the heater and has a potentiometer to adjust the heater temperature.

K – Heater/Facer Stand

Stand to store the heater and facer when not being used. Has a handle so it can be carried.

L – Heater Butt Plate

Non-stick coated plates that attach to the heater body.

M – Insulated Heater Panels

These panels are attached to the stand and insulates the heater while stored in the stand. Helps maintain the set heater temperature.

N – Heater Guide Rod Bracket Assembly

The base is used to attach the heater to the guide rods of the Polygon™ LT and the heater/facer stand. It locks to the heater/facer stand for transport.

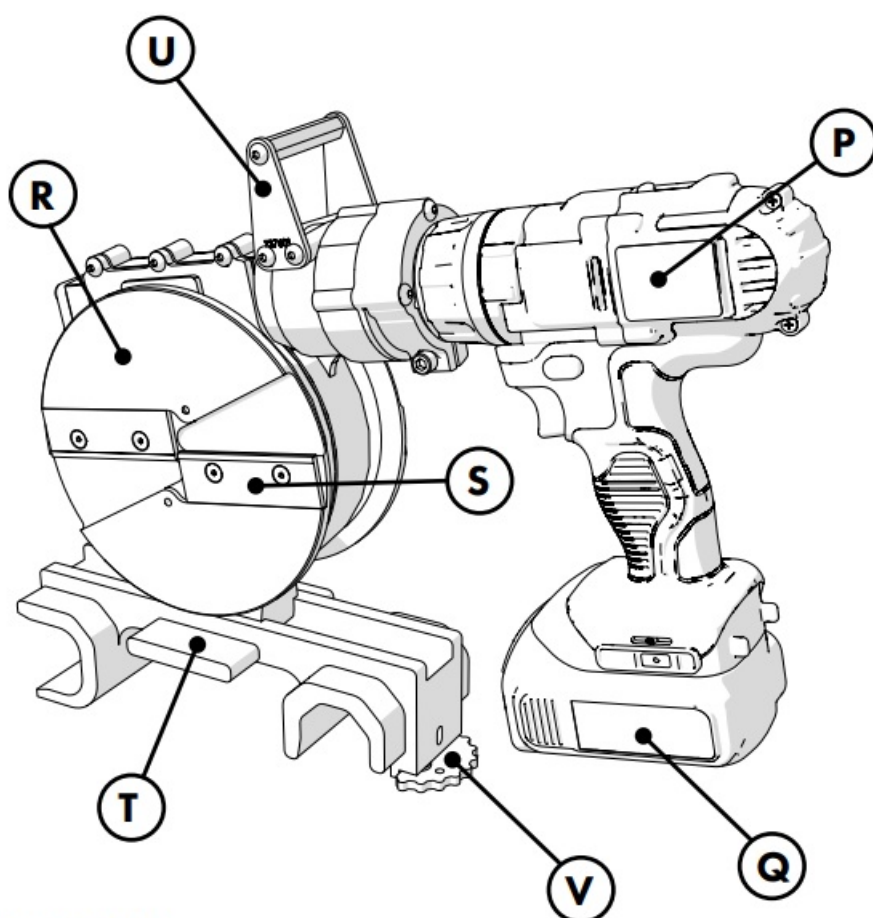
O – Heater Guide Rod Bracket Assembly Latch

Rotate the latch to release the lock so the heater can be removed.

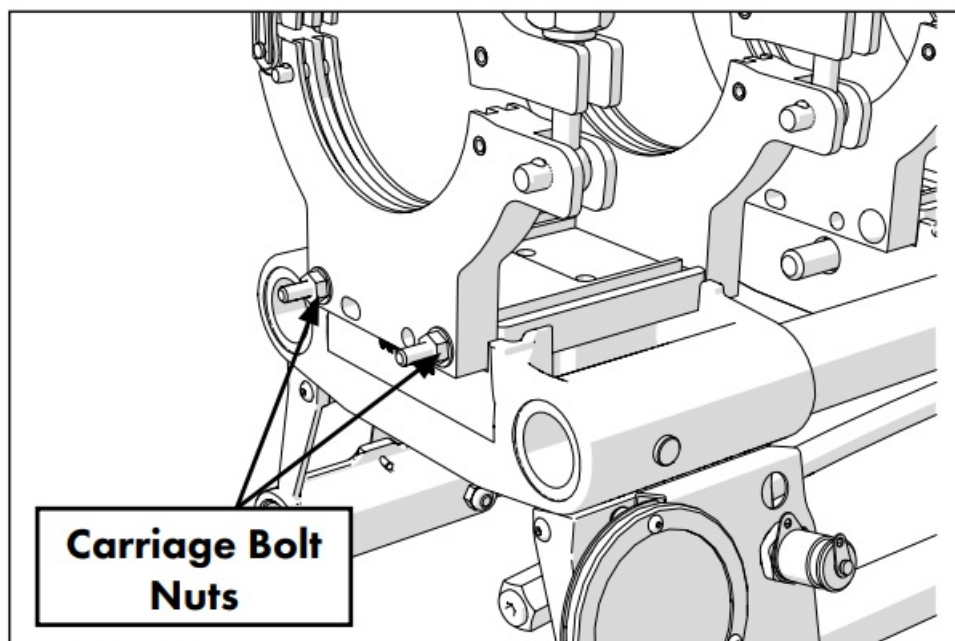
⚠ DANGER

⚠ WARNING

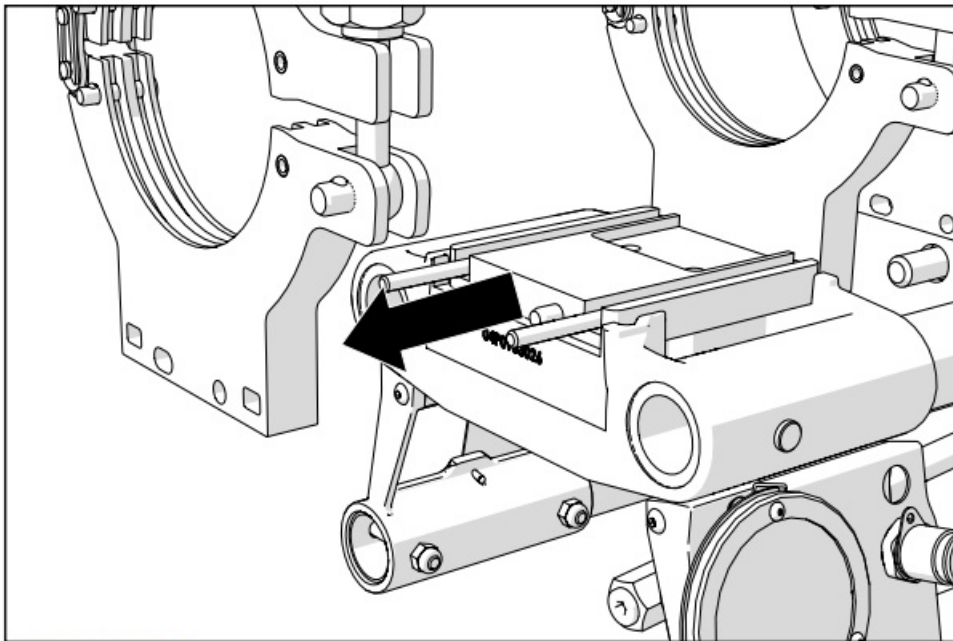
⚠ CAUTION **⚠ WARNING**



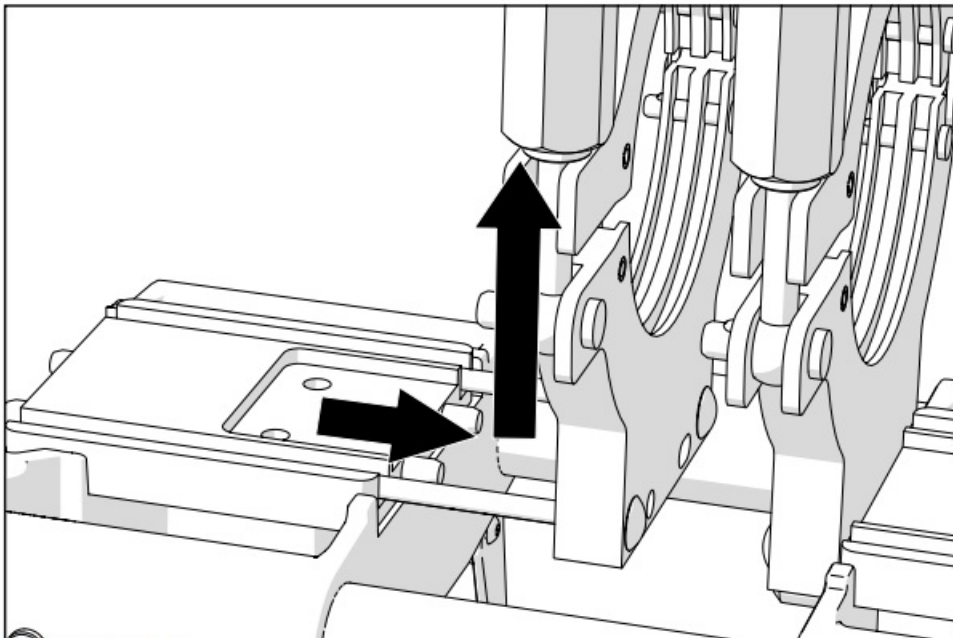
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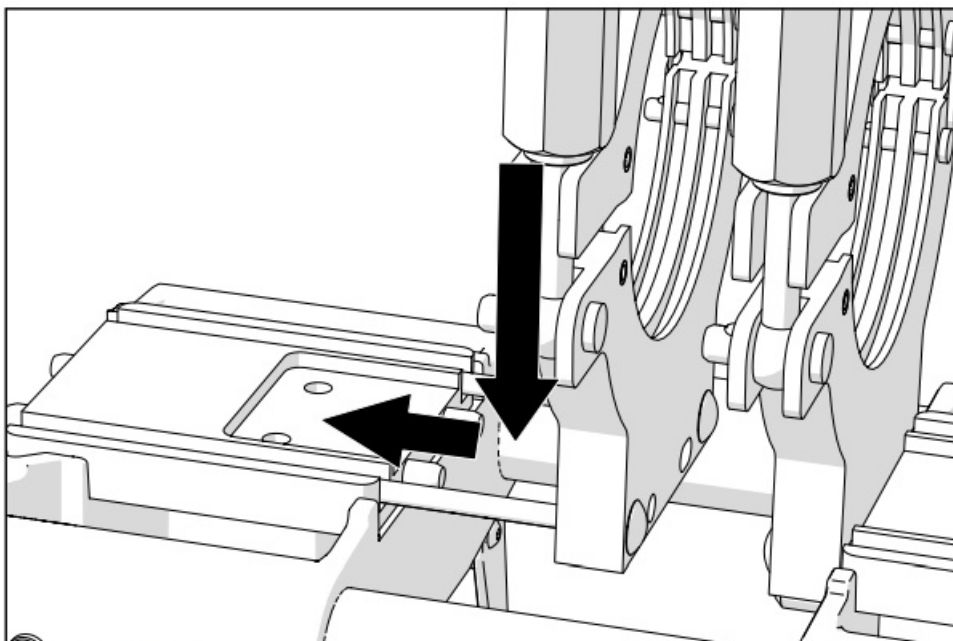
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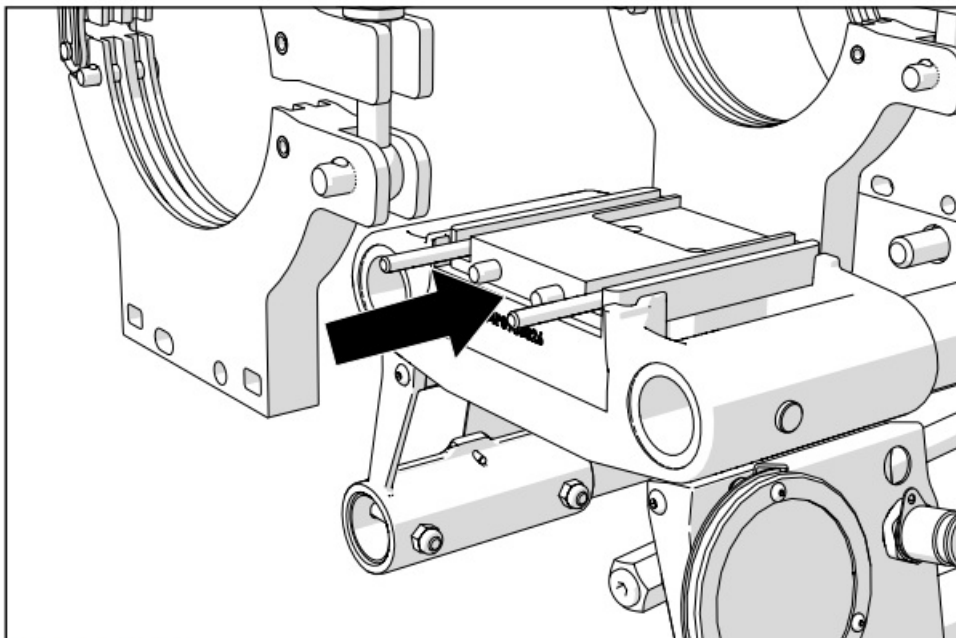
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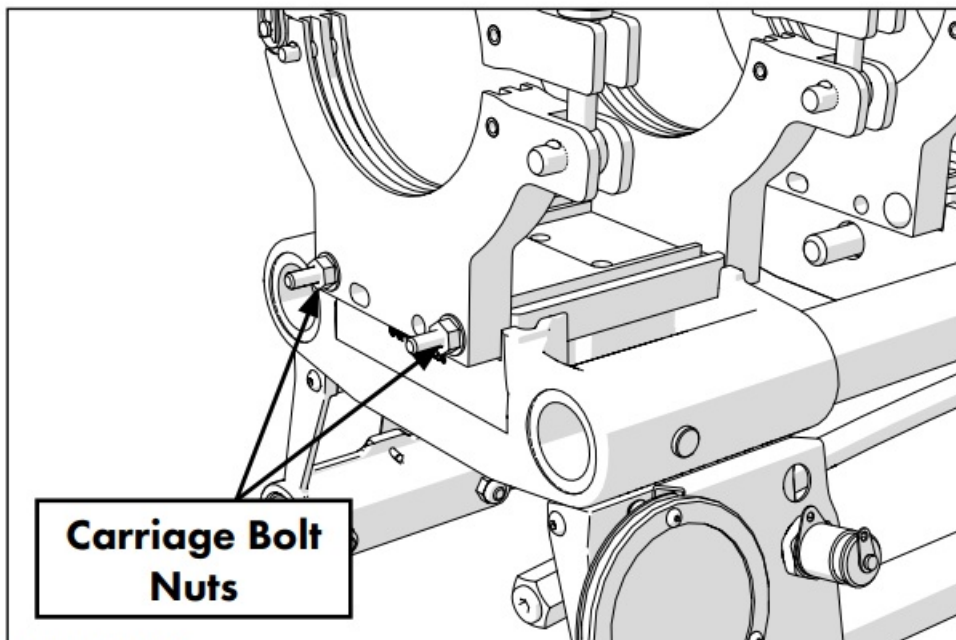
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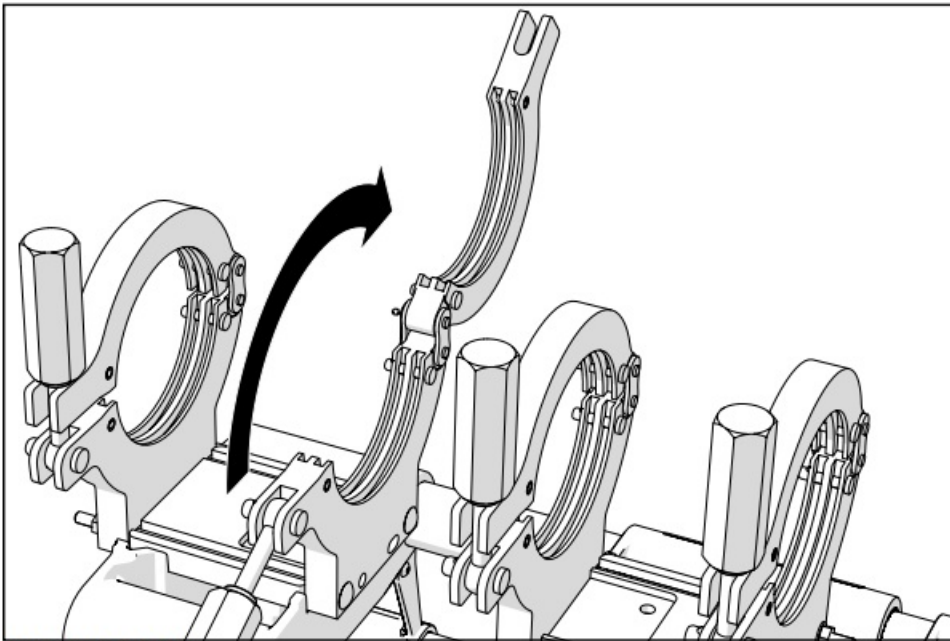
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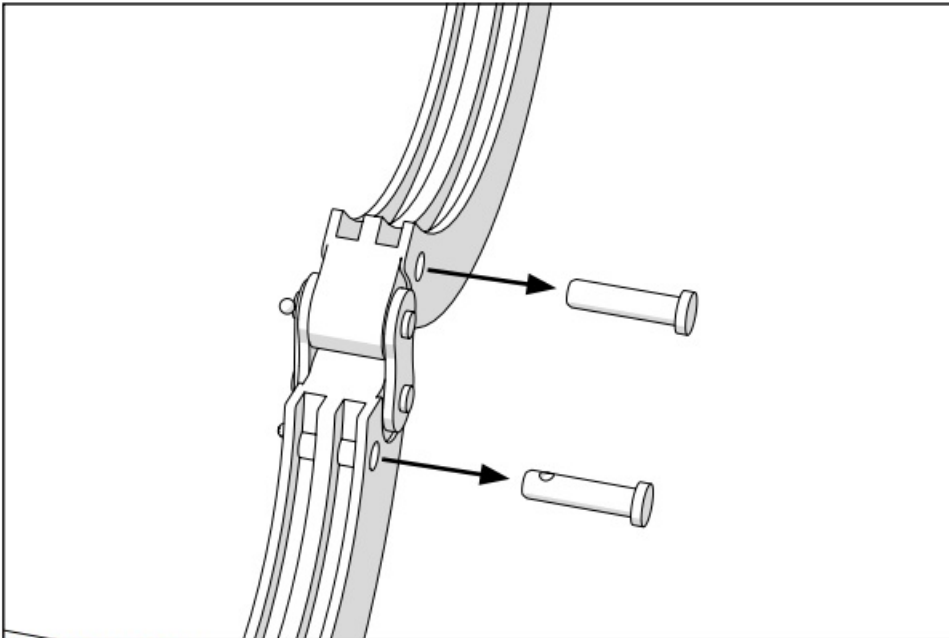
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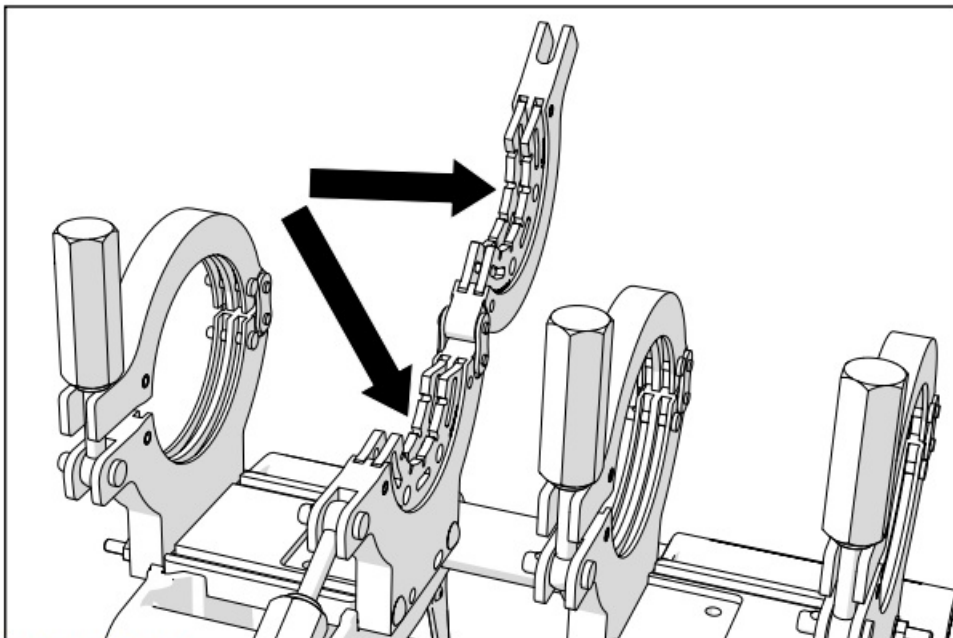
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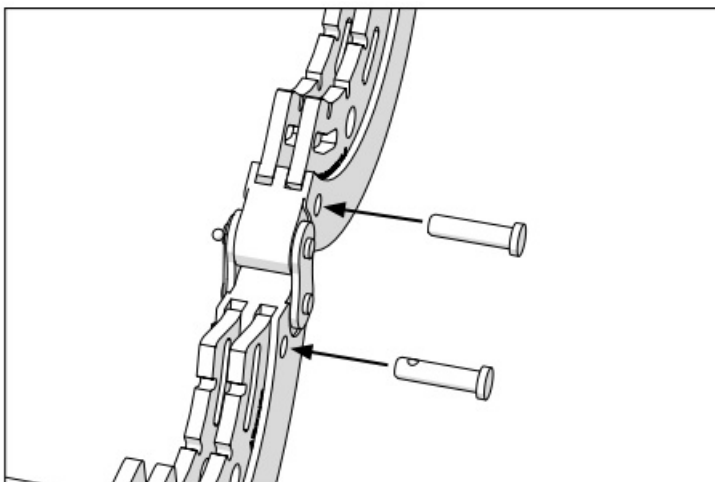
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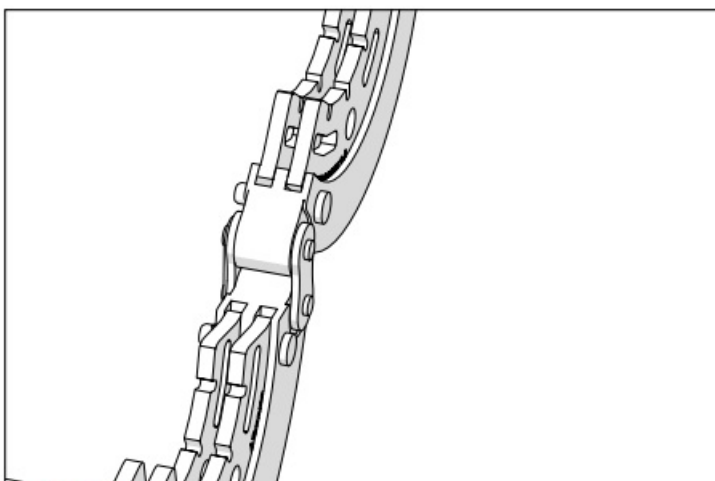
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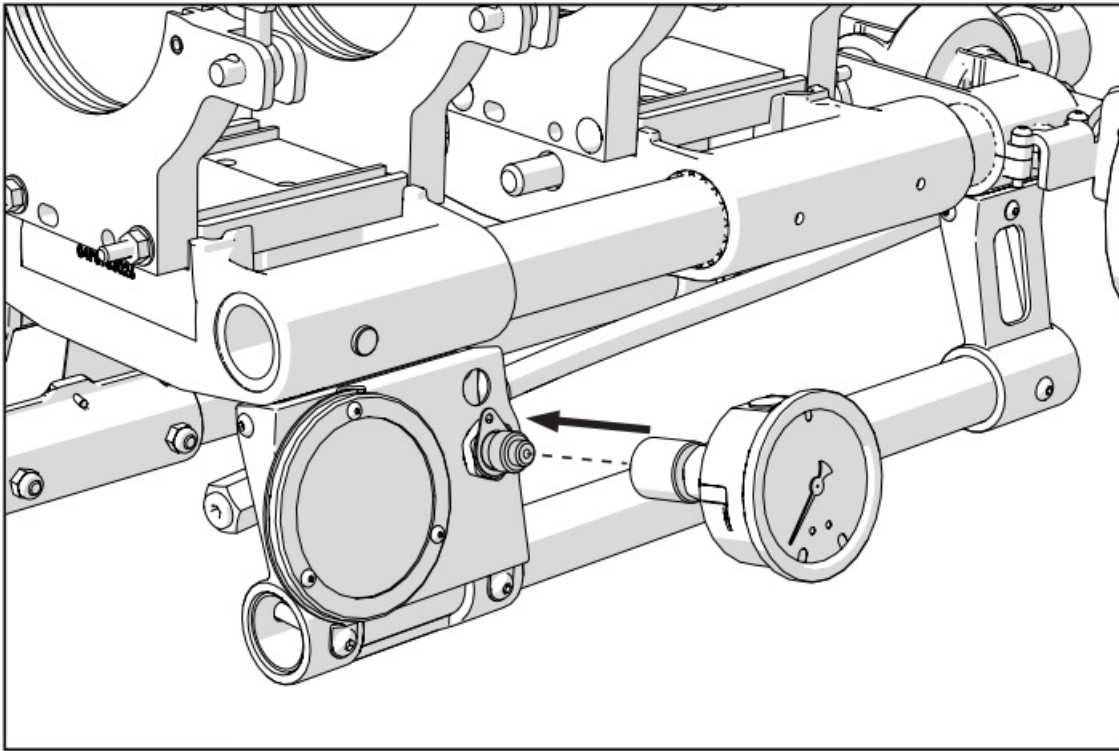
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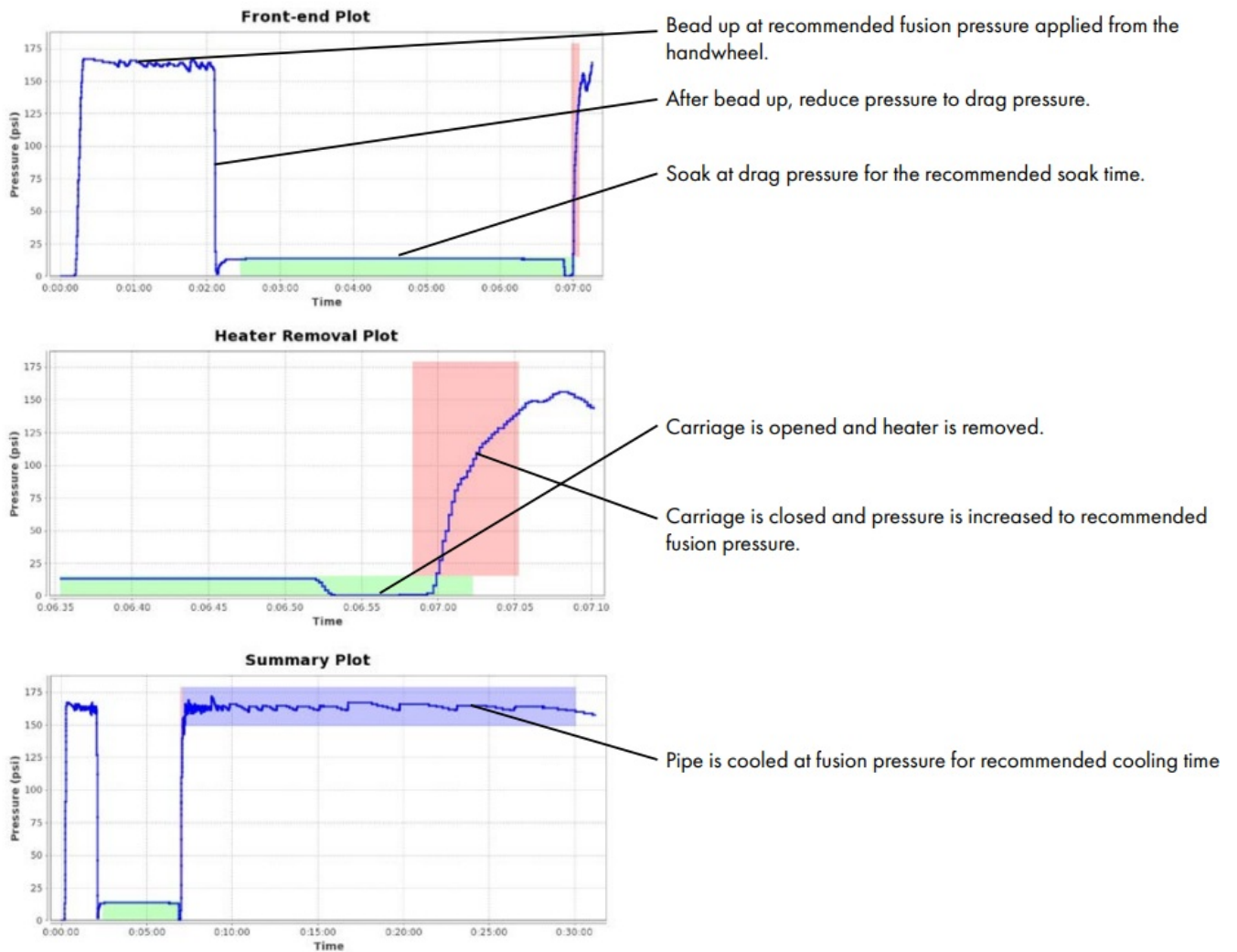
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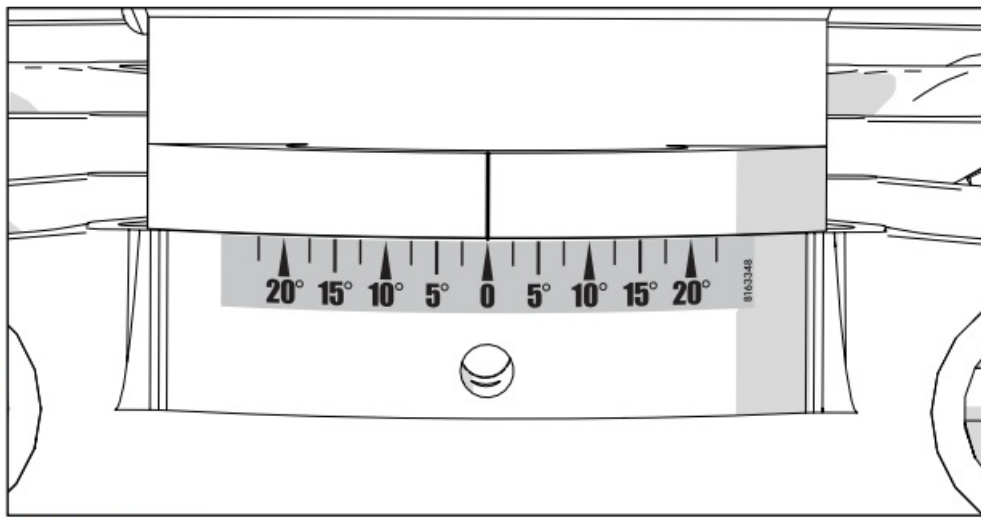
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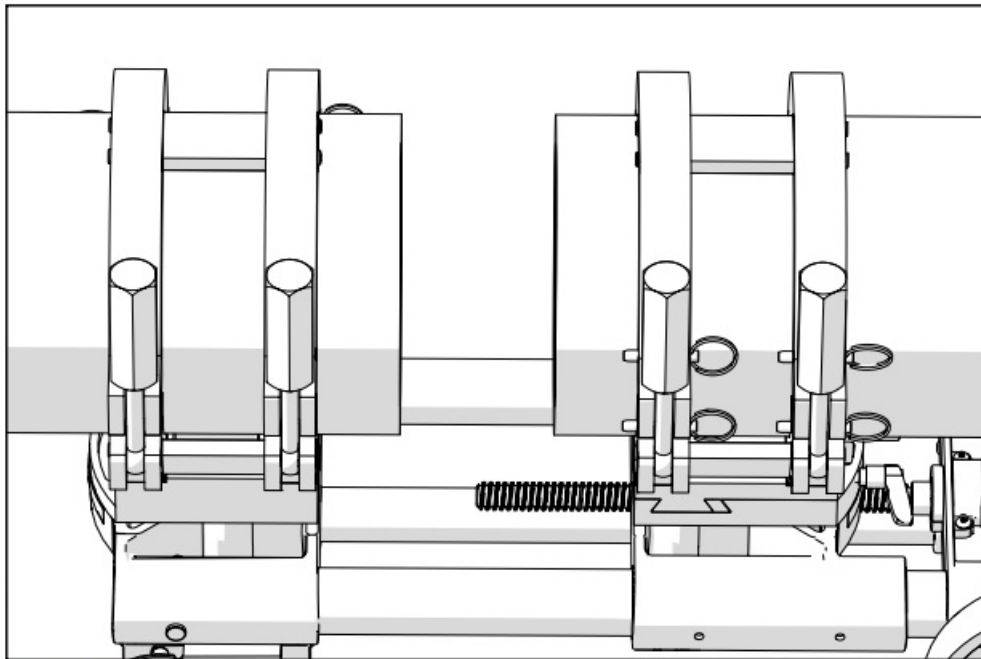


Polygon



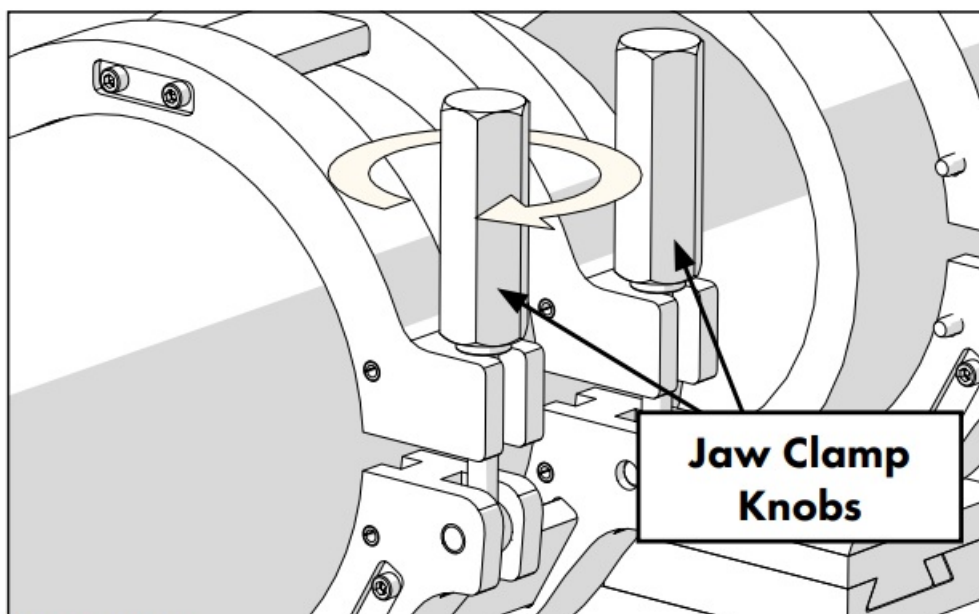
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Polygon



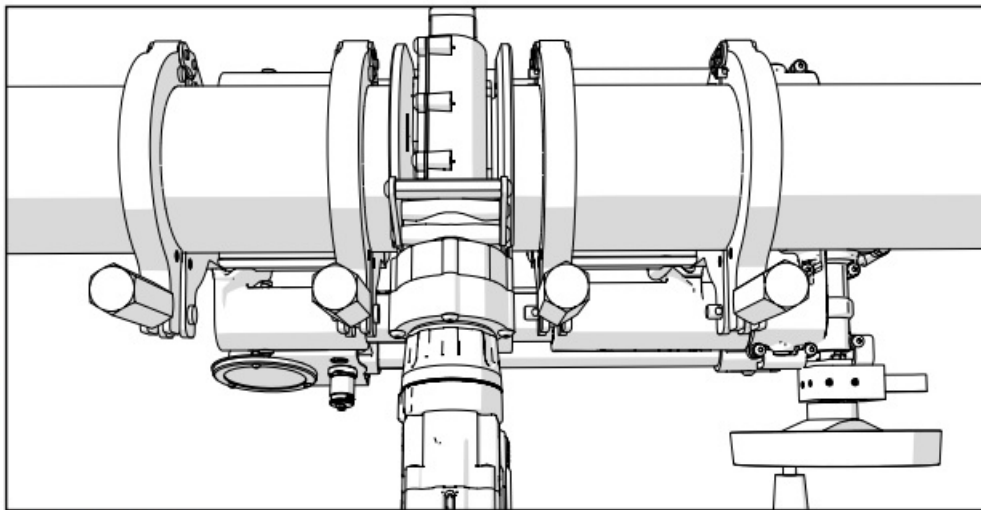
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Polygon



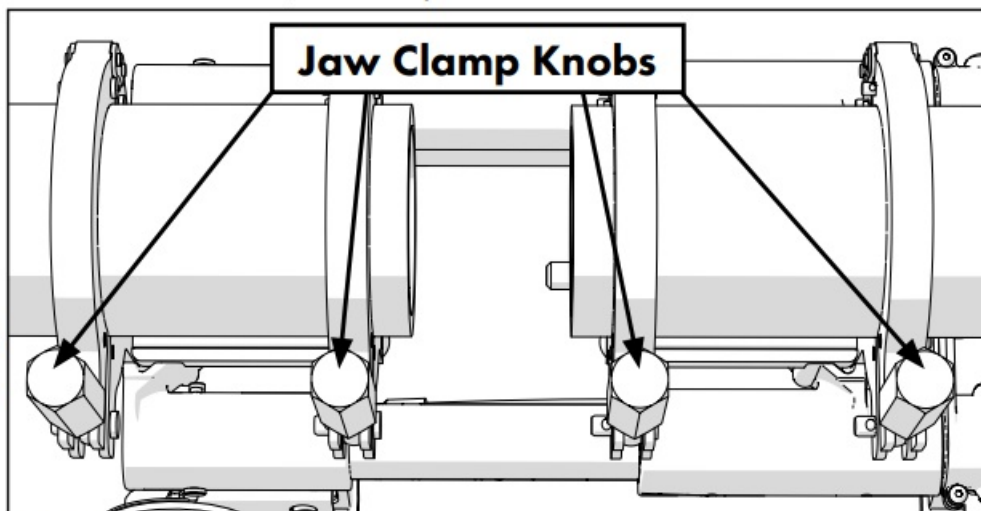
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Polygon LT



CD02714-03-28-23

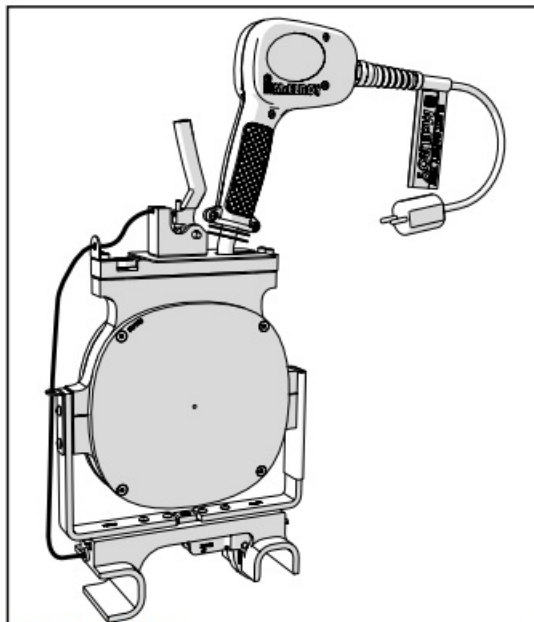
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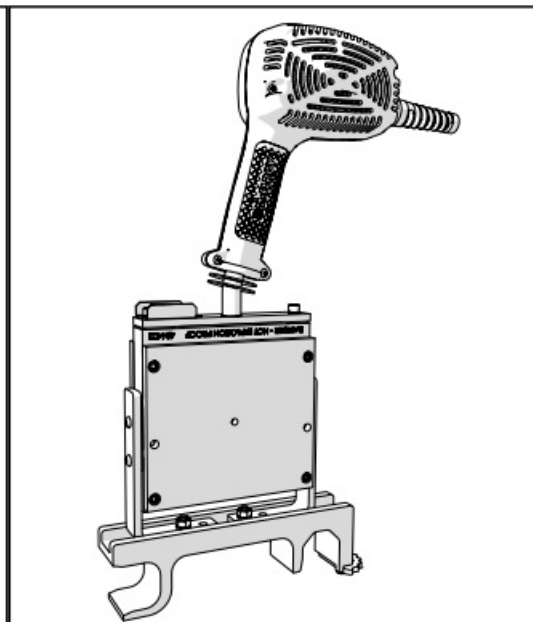
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Polygon

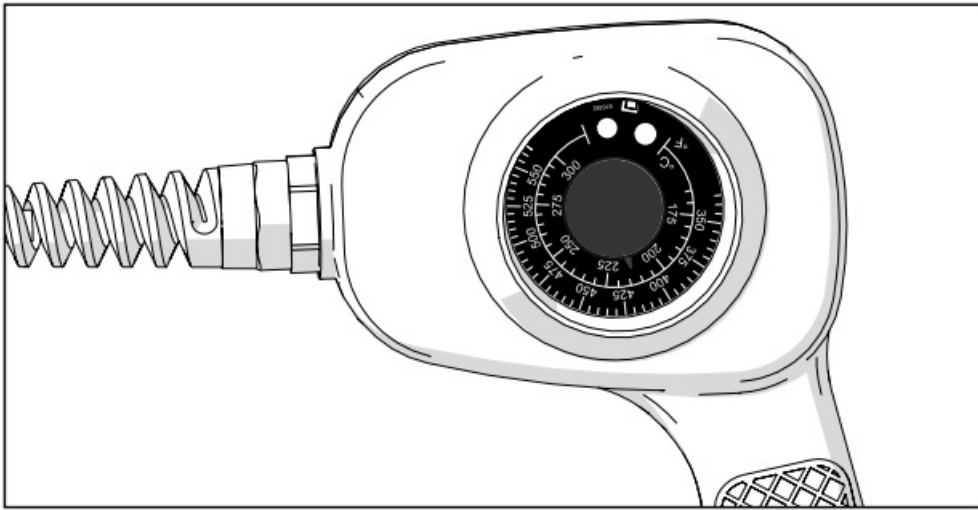
Polygon LT



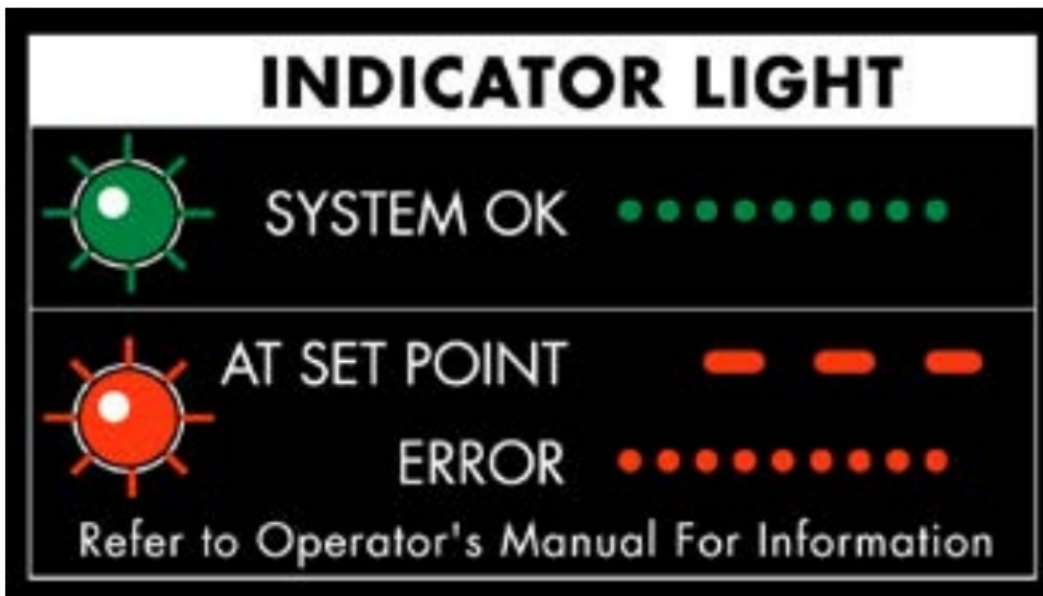
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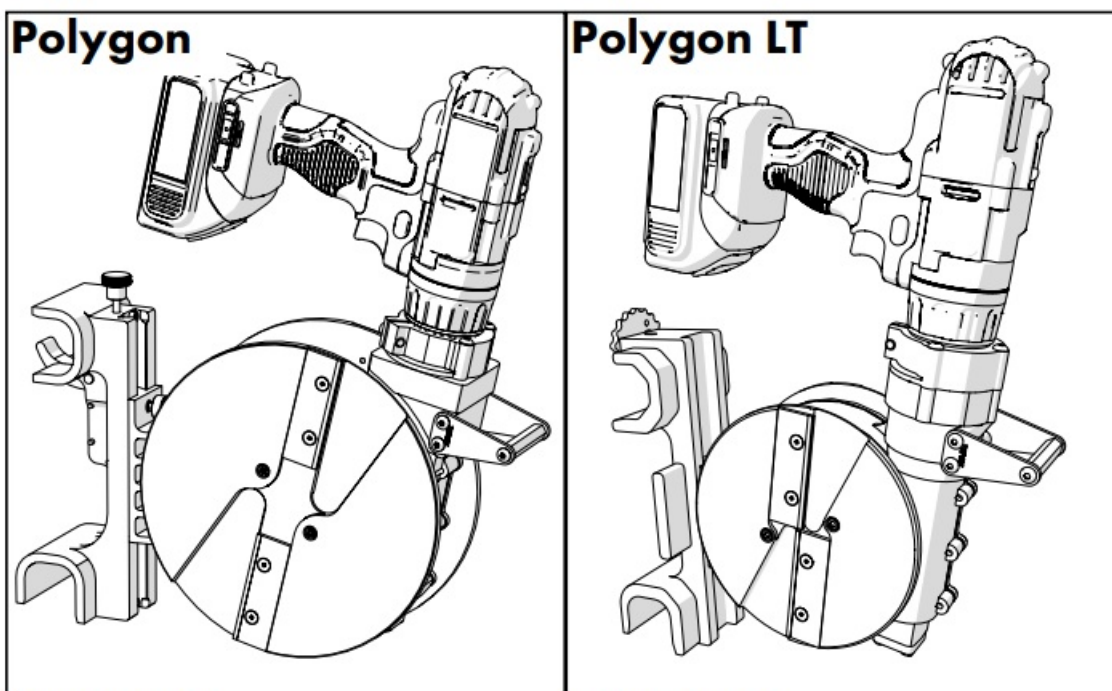
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CD02152-2-21-18

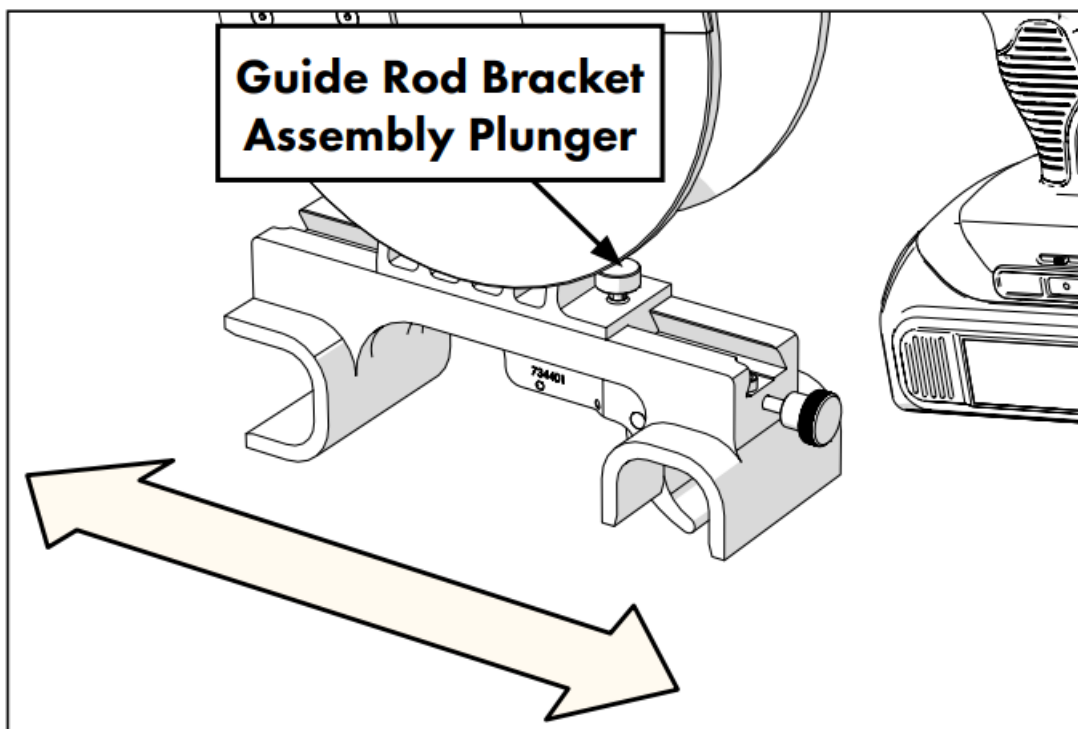


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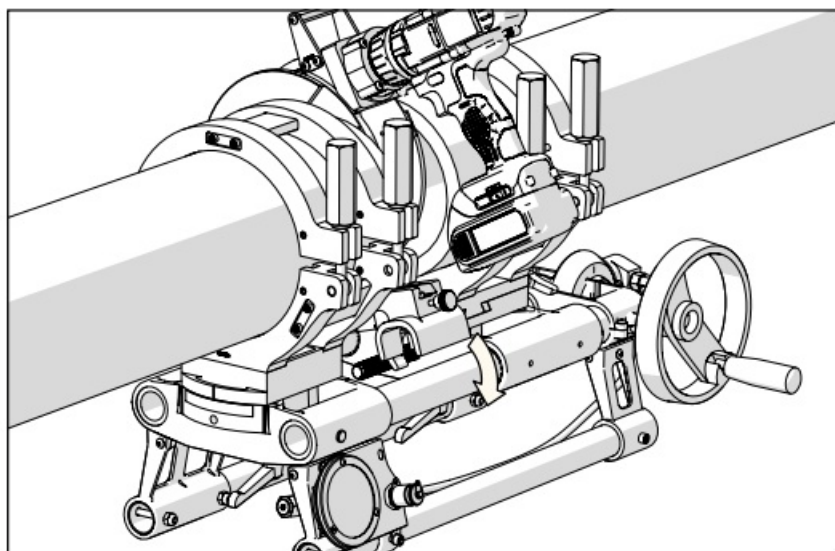
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CD02712-03-28-23



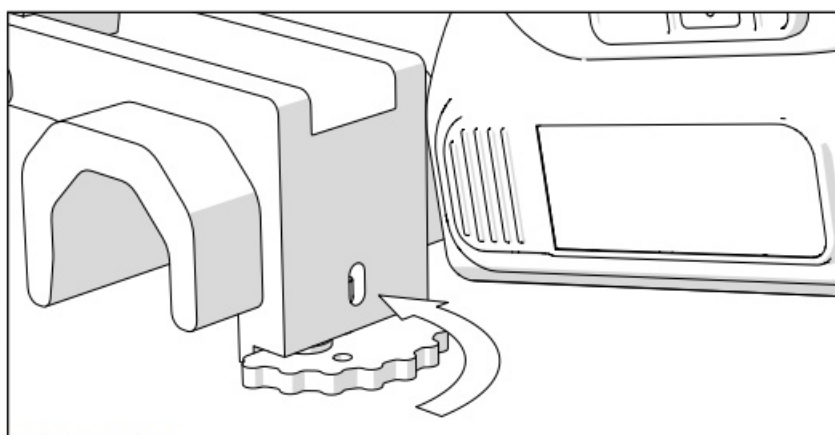
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Polygon



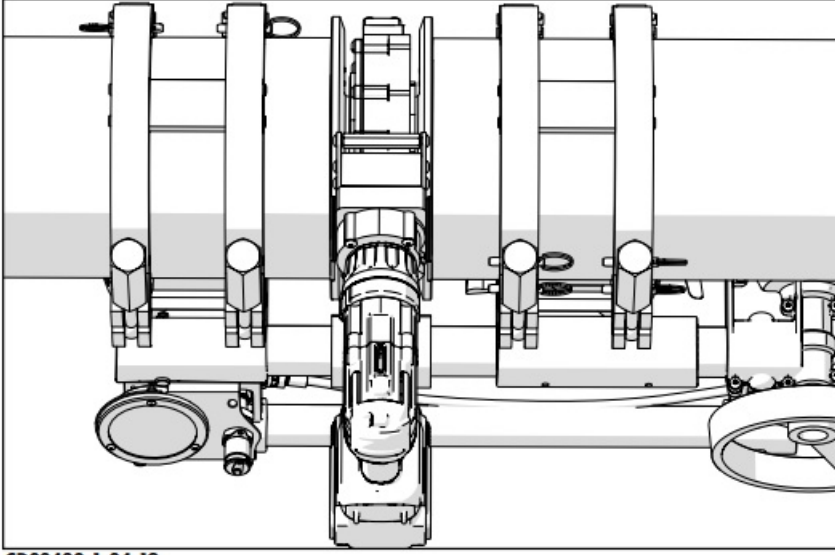
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Polygon LT



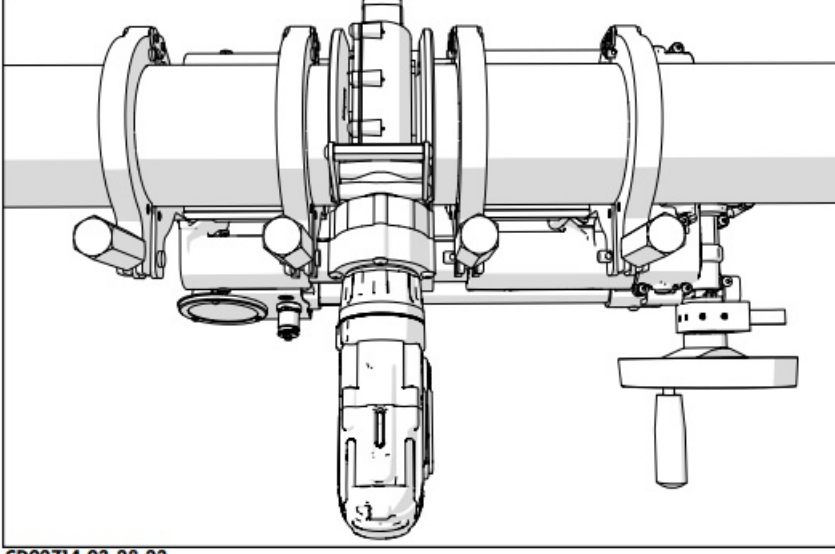
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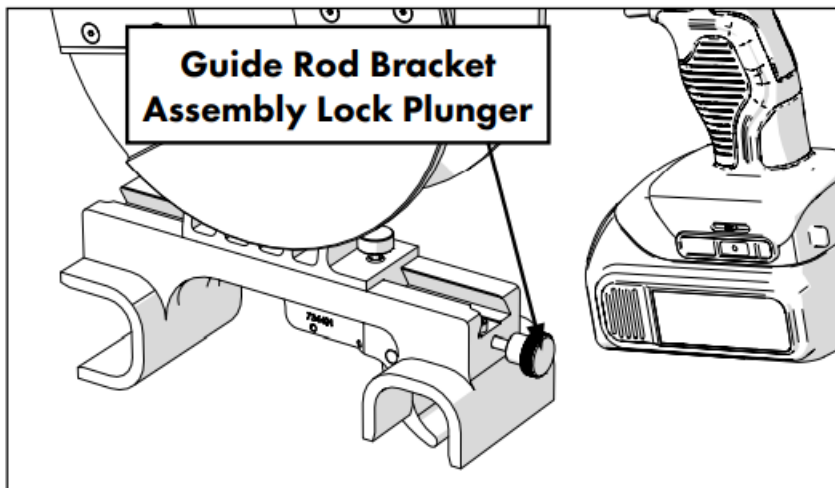
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Polygon LT



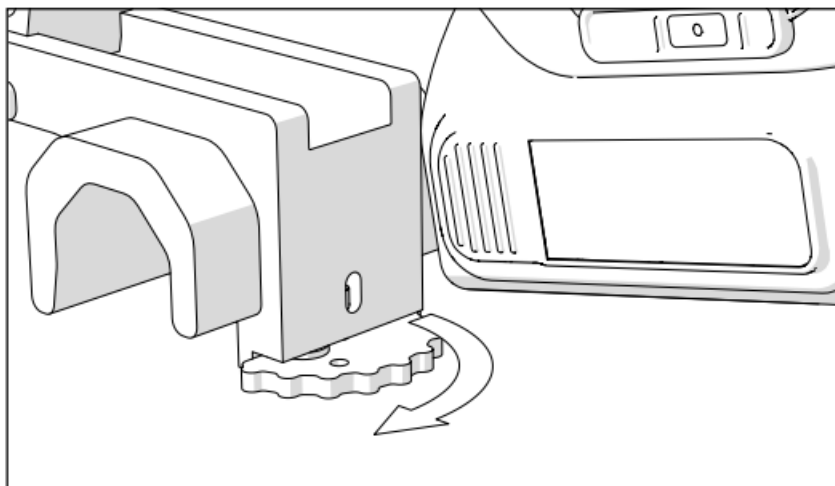
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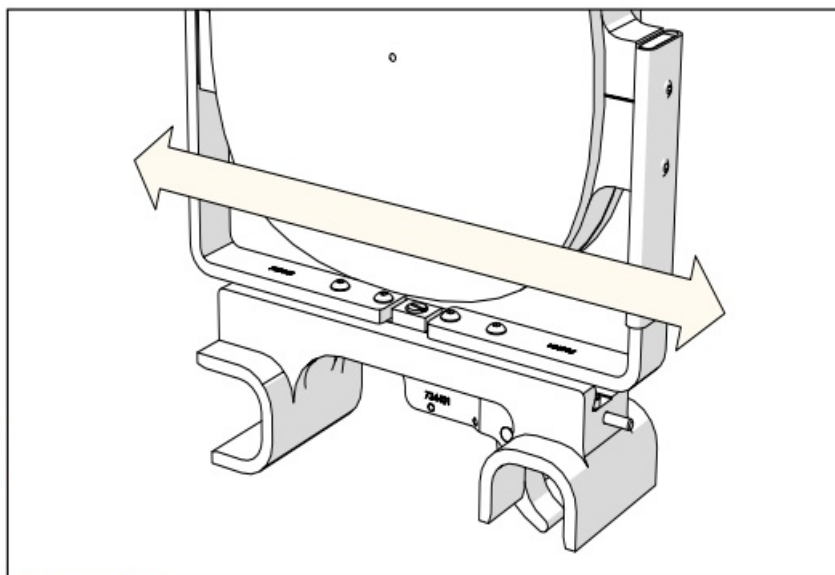
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Polygon LT



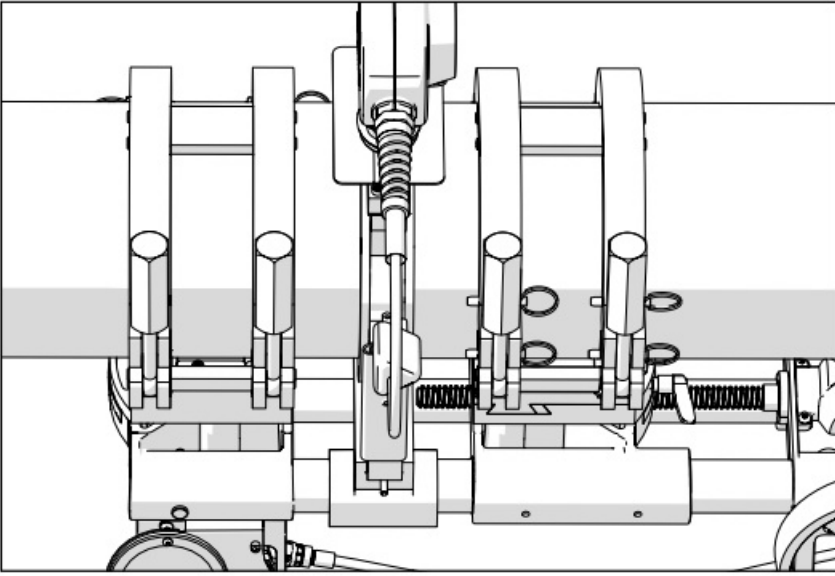
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Polygon



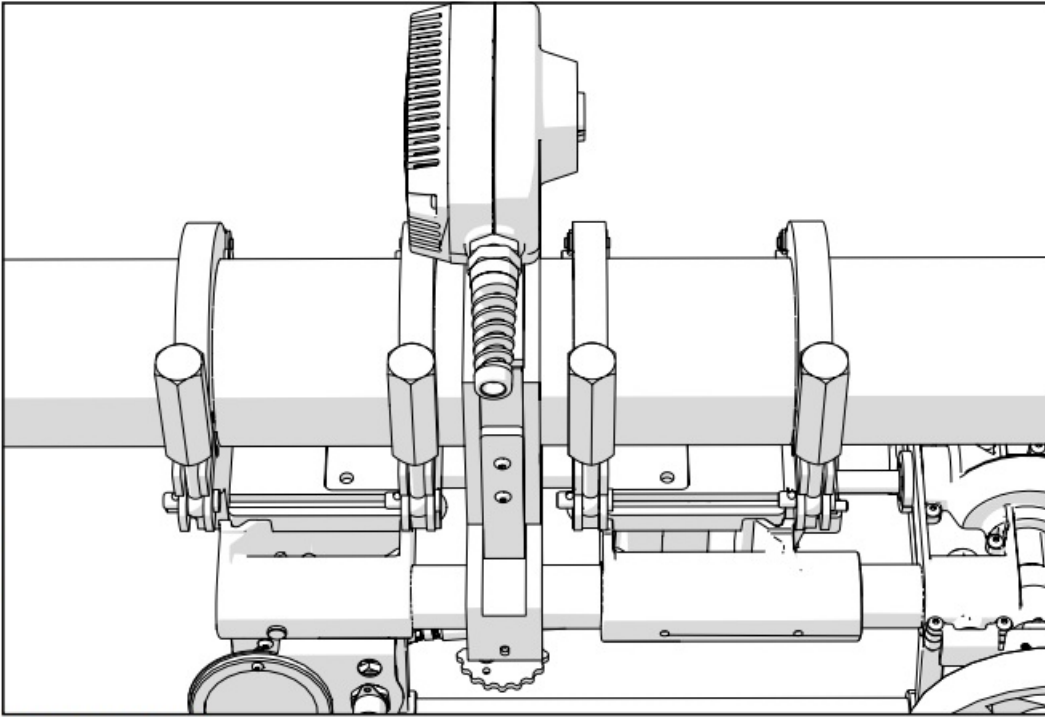
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Polygon



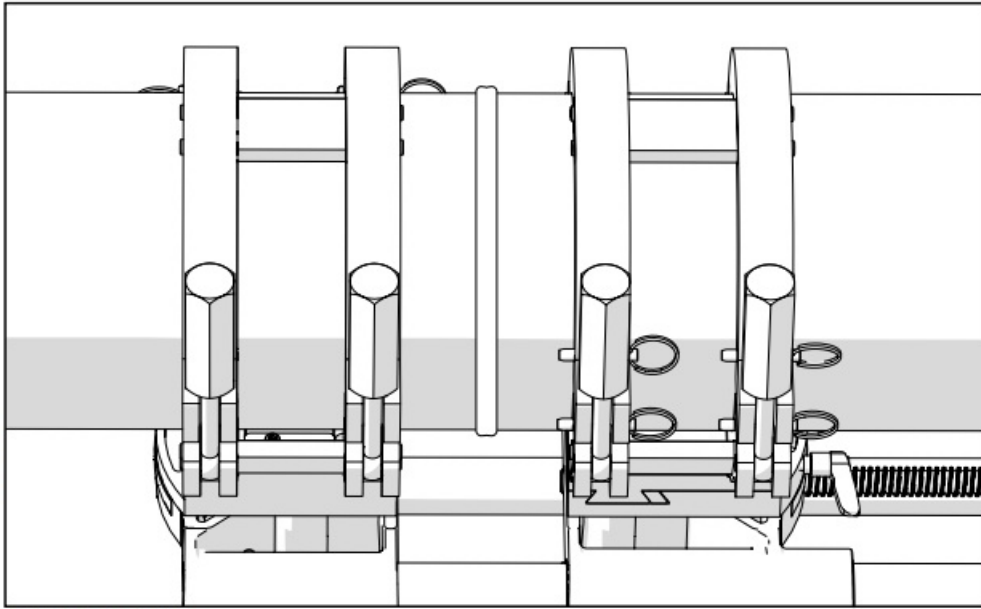
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Polygon LT



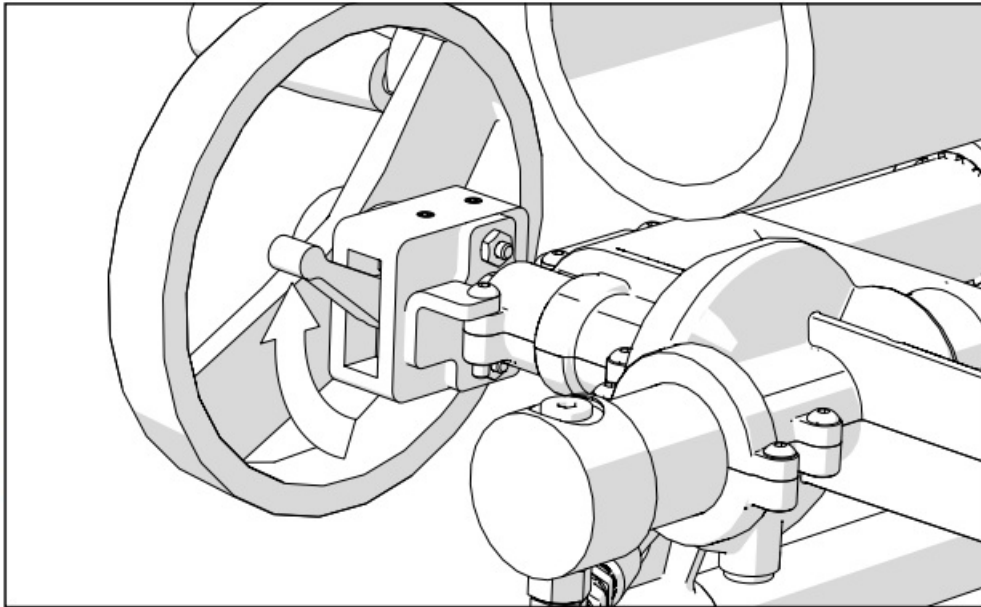
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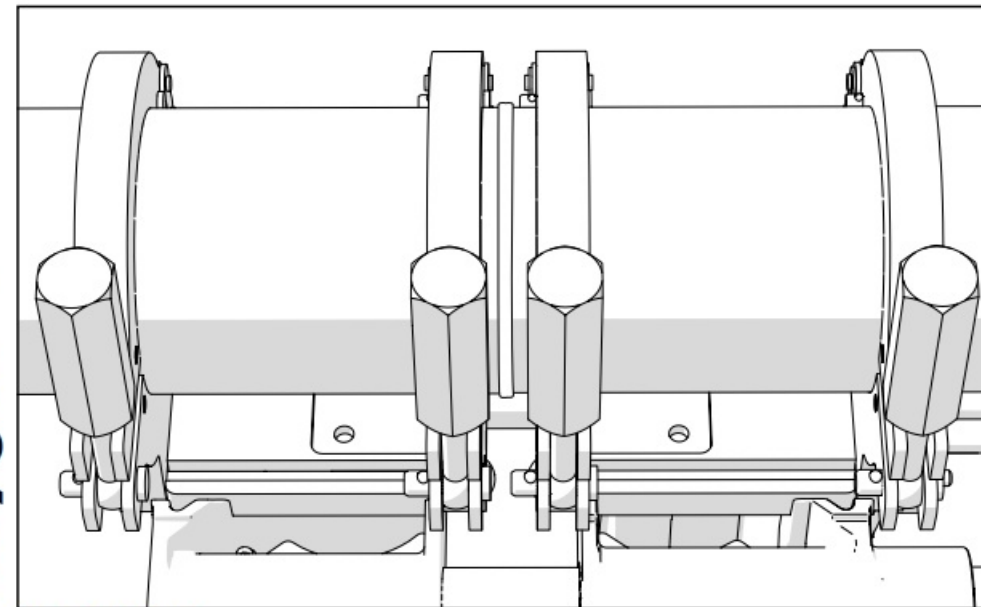
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Polygon LT

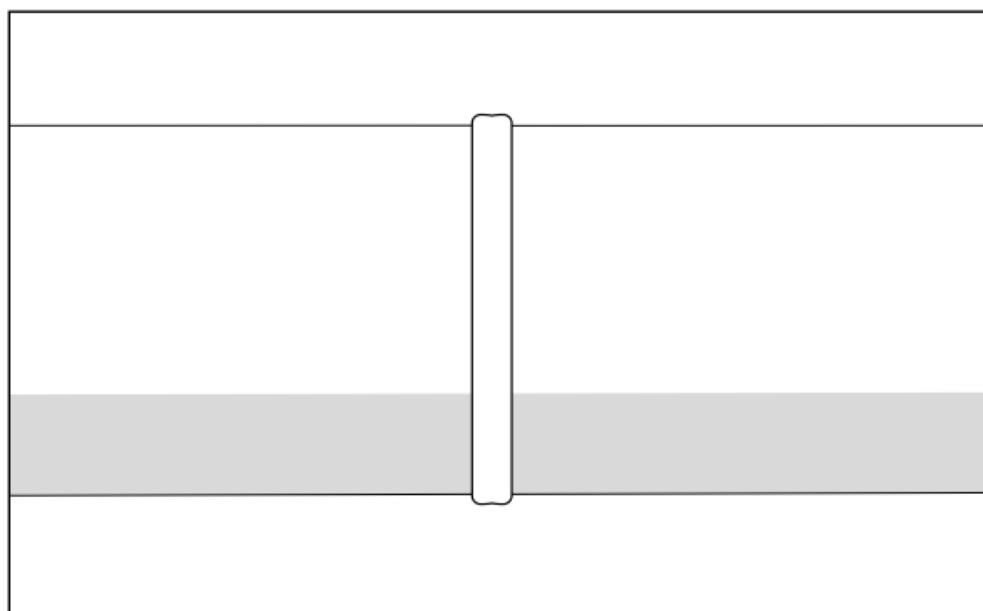


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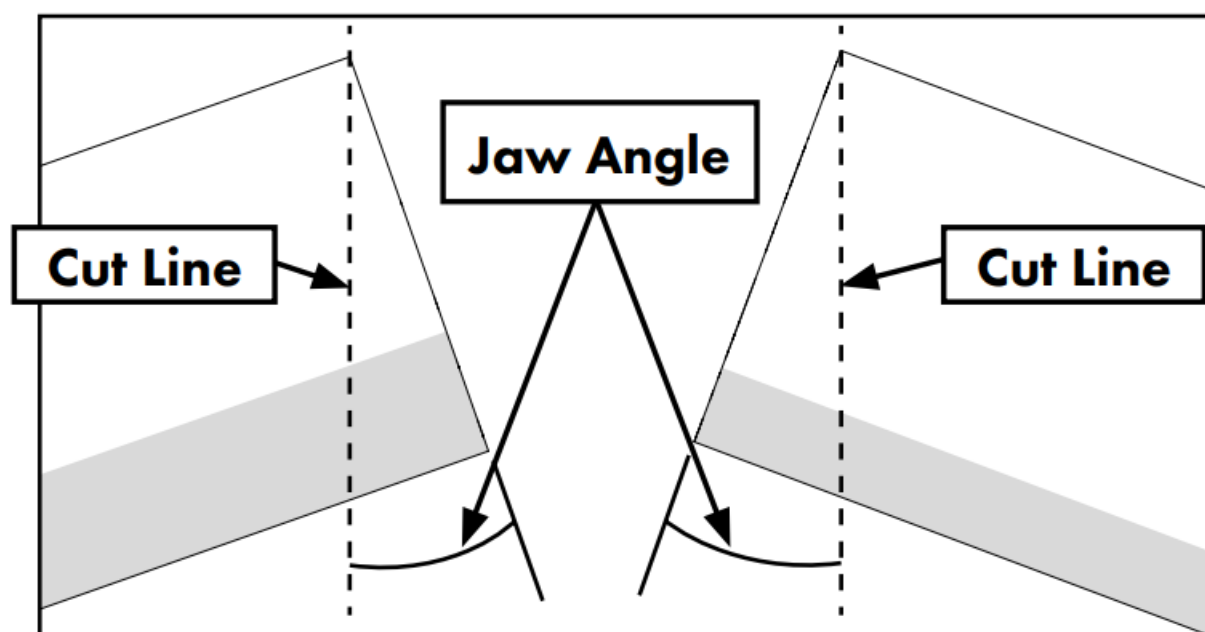
Polygon LT



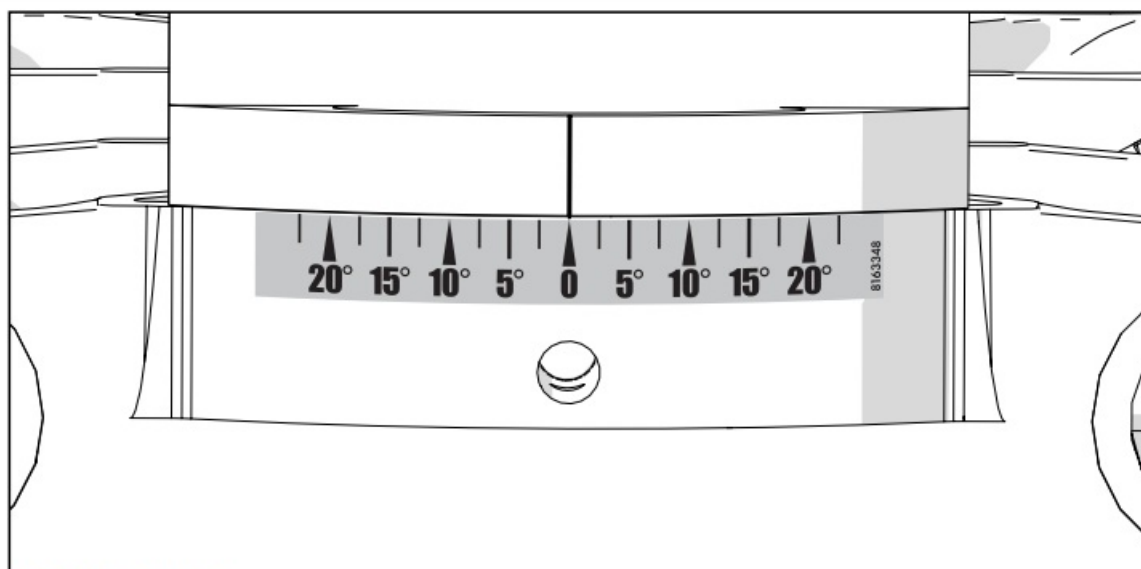
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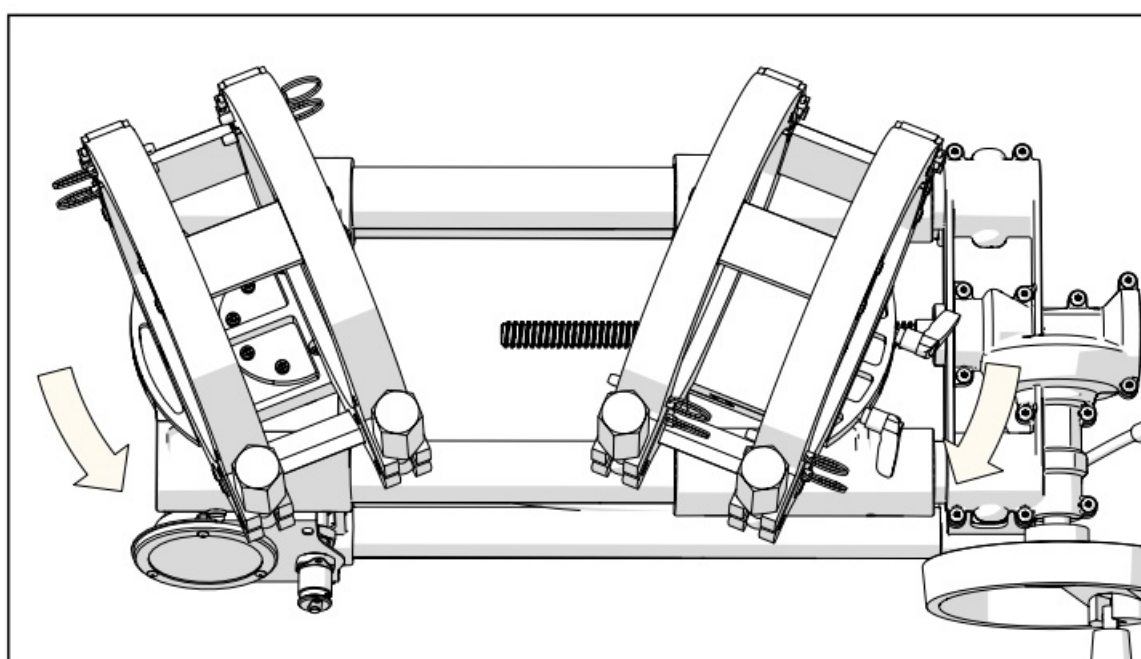
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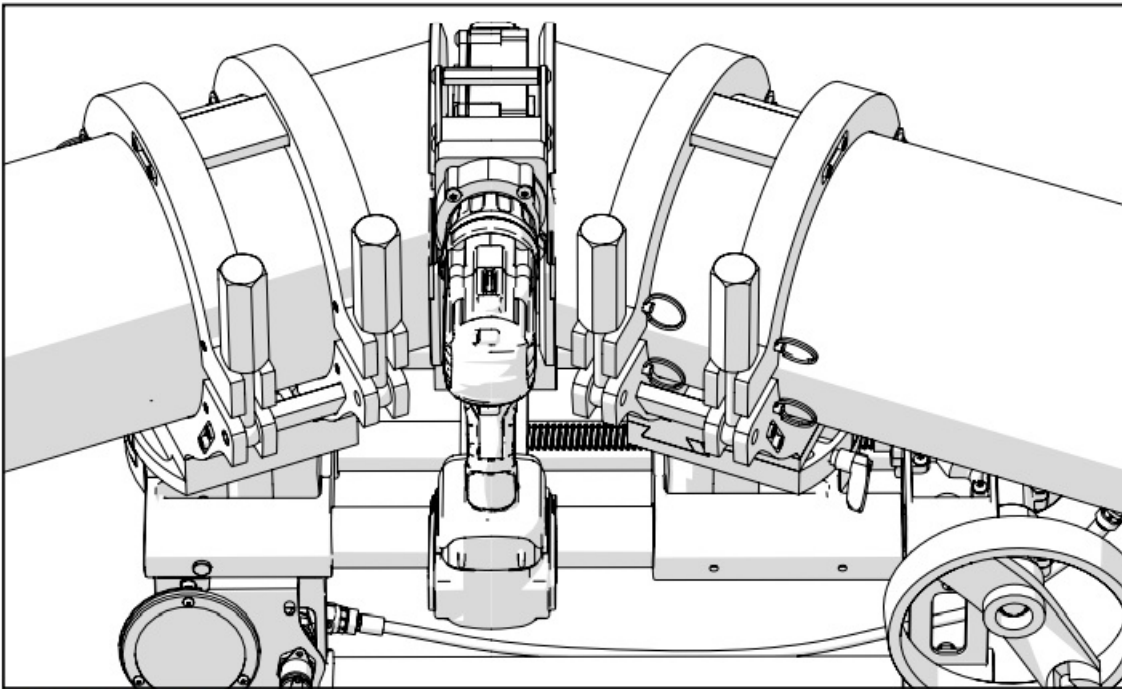
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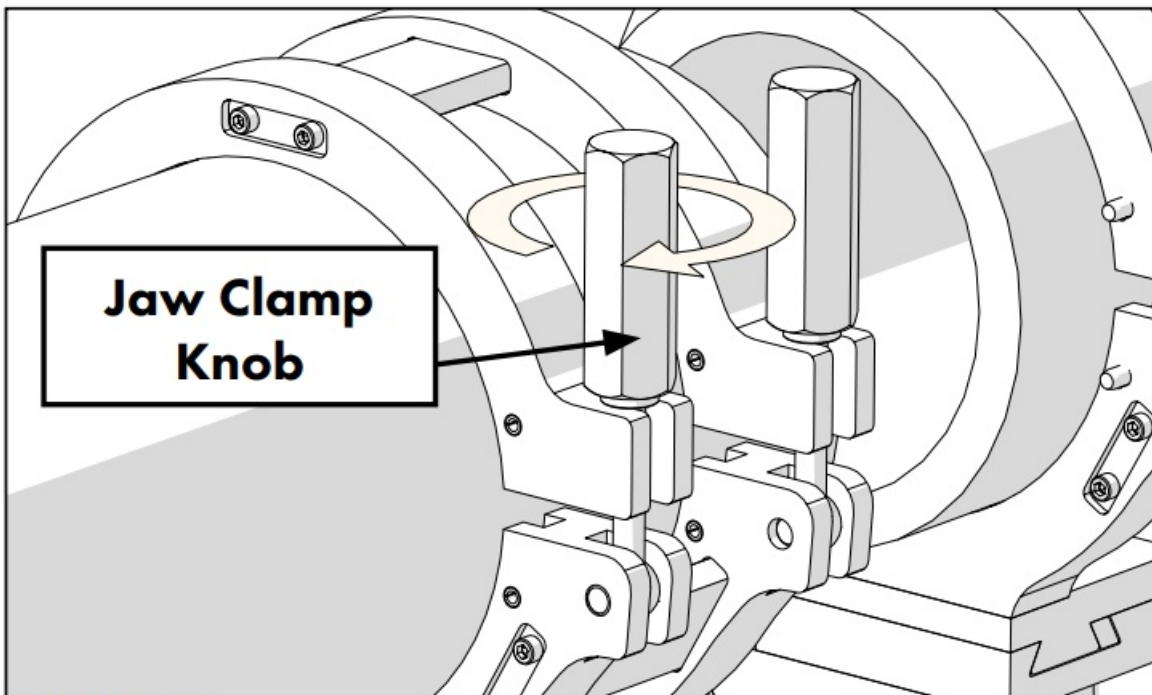
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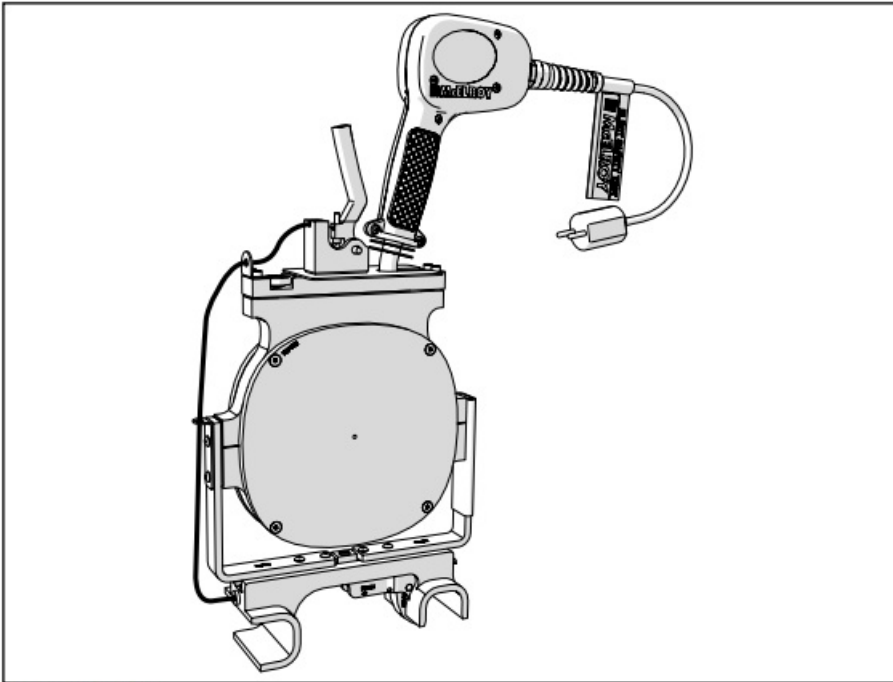
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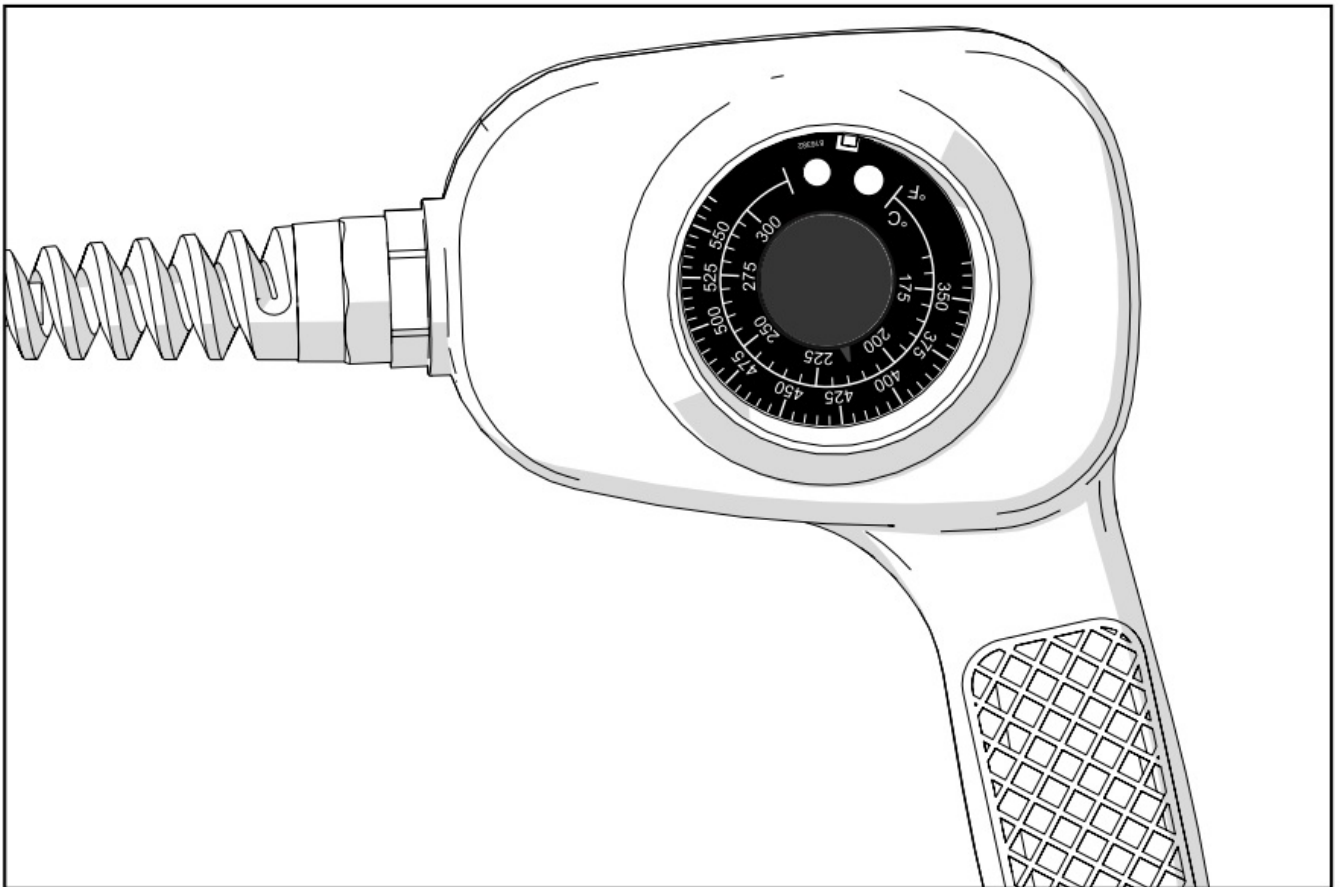
CD02400-01-03-19



CD02149-2-21-18



CD02419-1-24-19



CD02152-2-21-18

INDICATOR LIGHT



SYSTEM OK



AT SET POINT

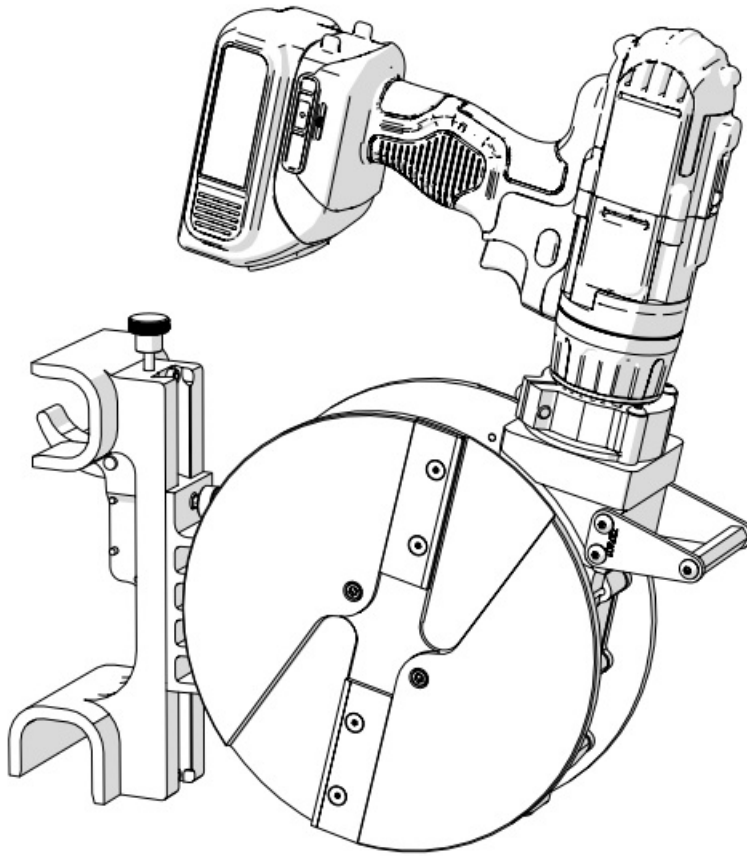


ERROR

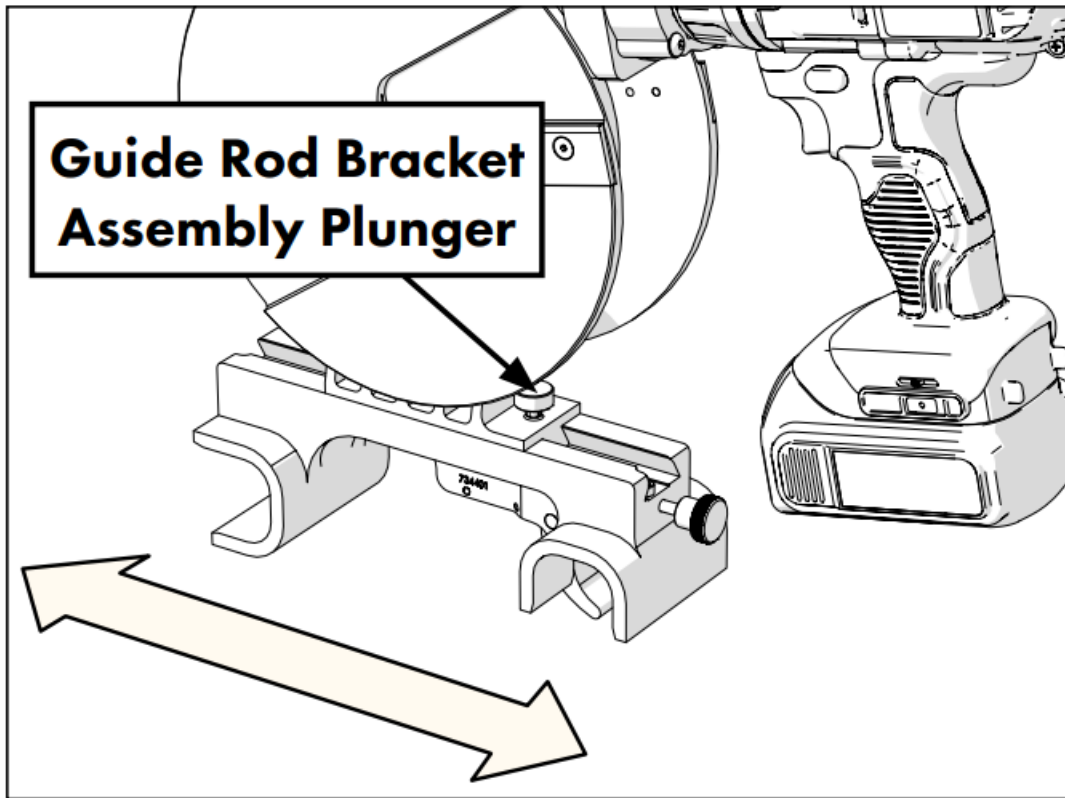


Refer to Operator's Manual For Information

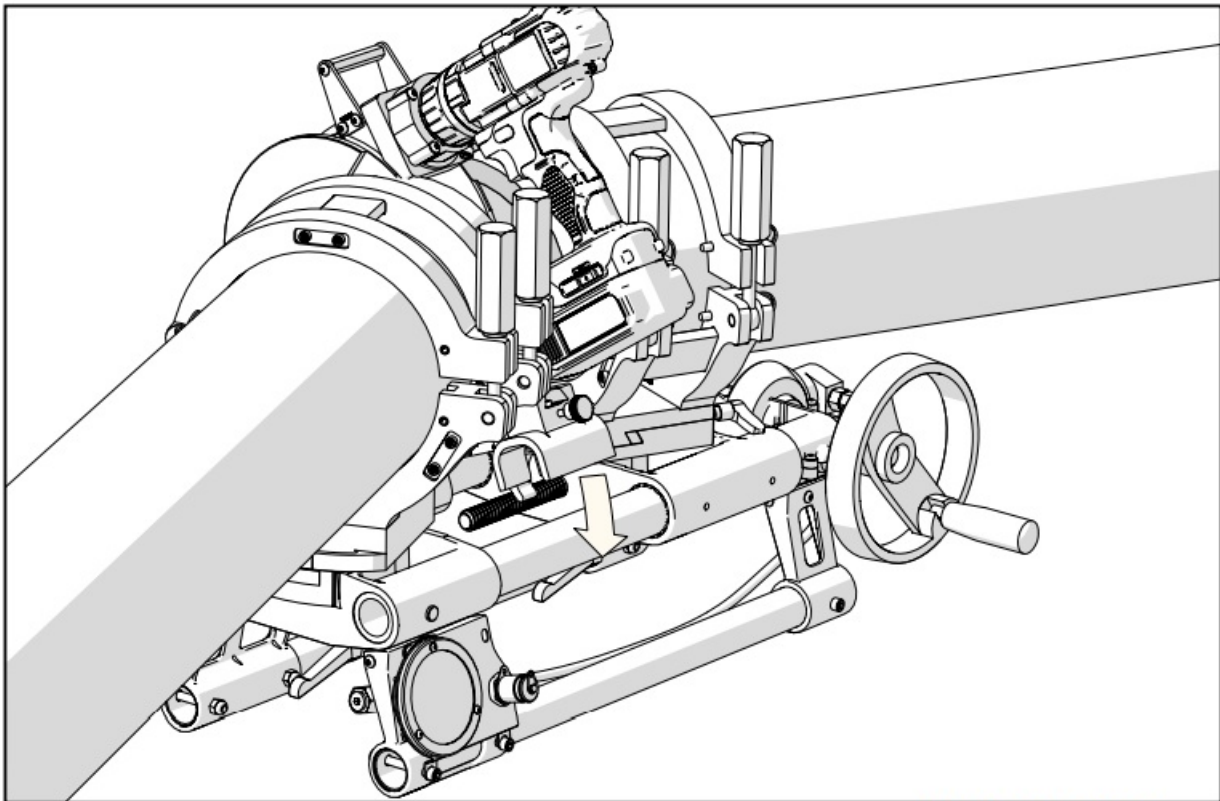
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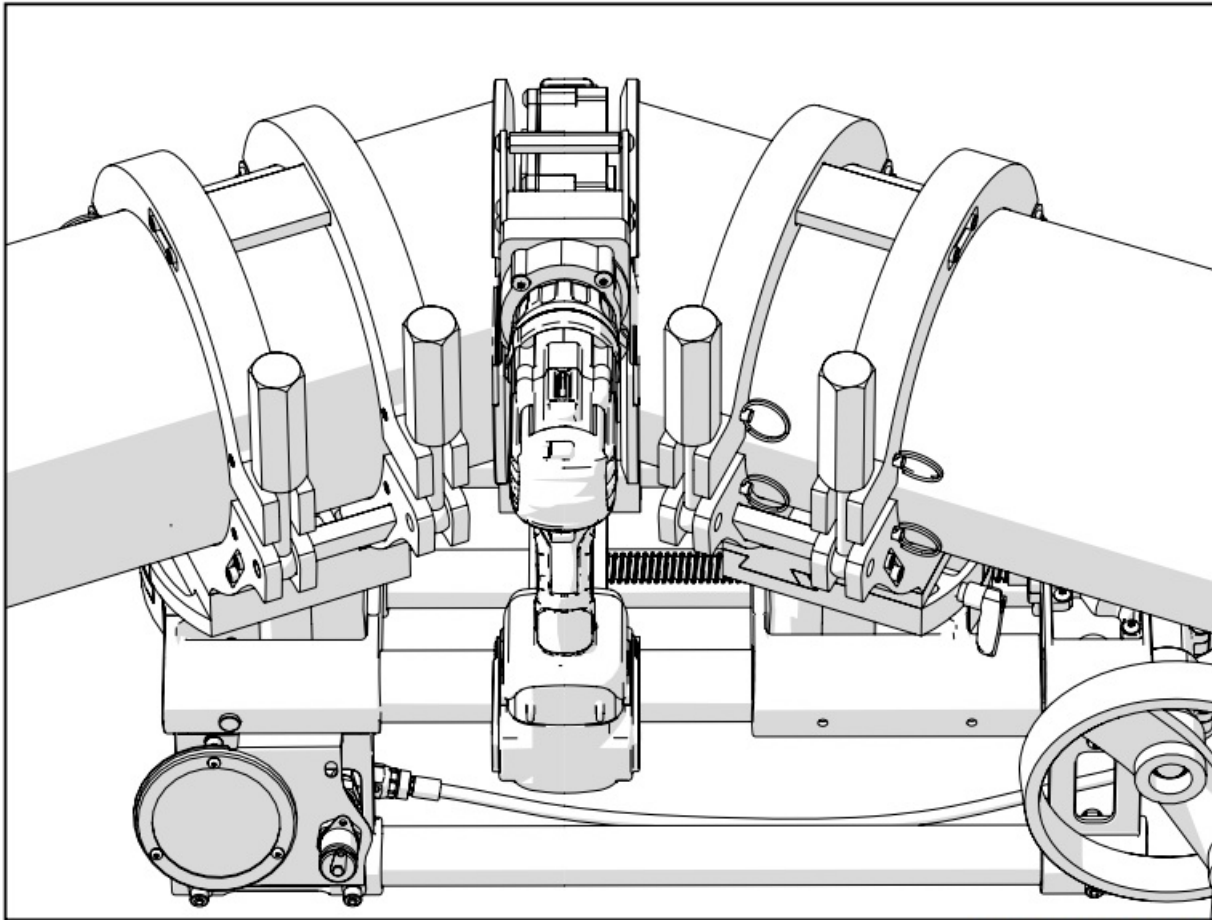
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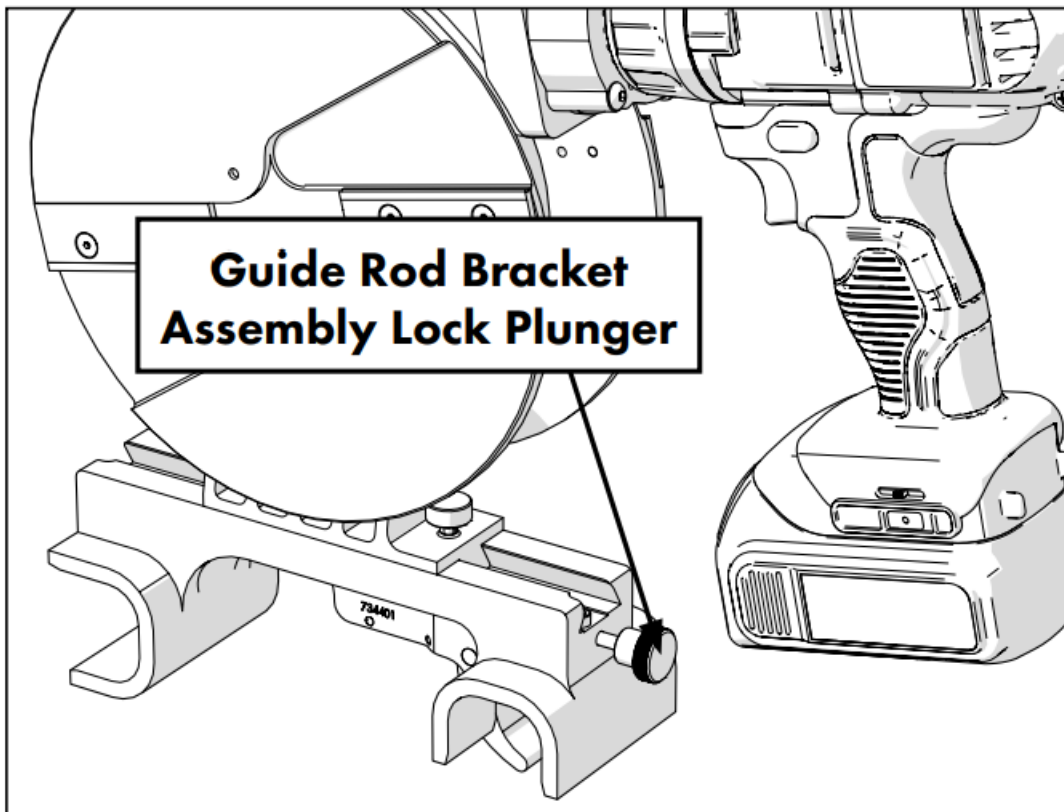
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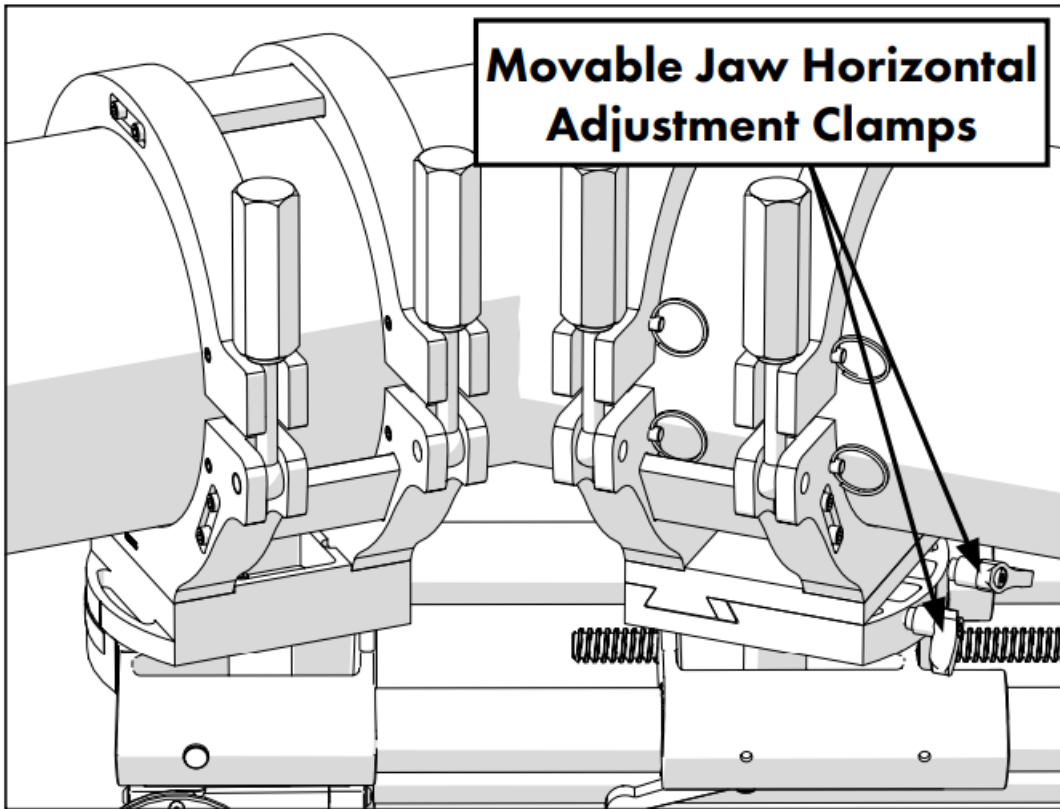
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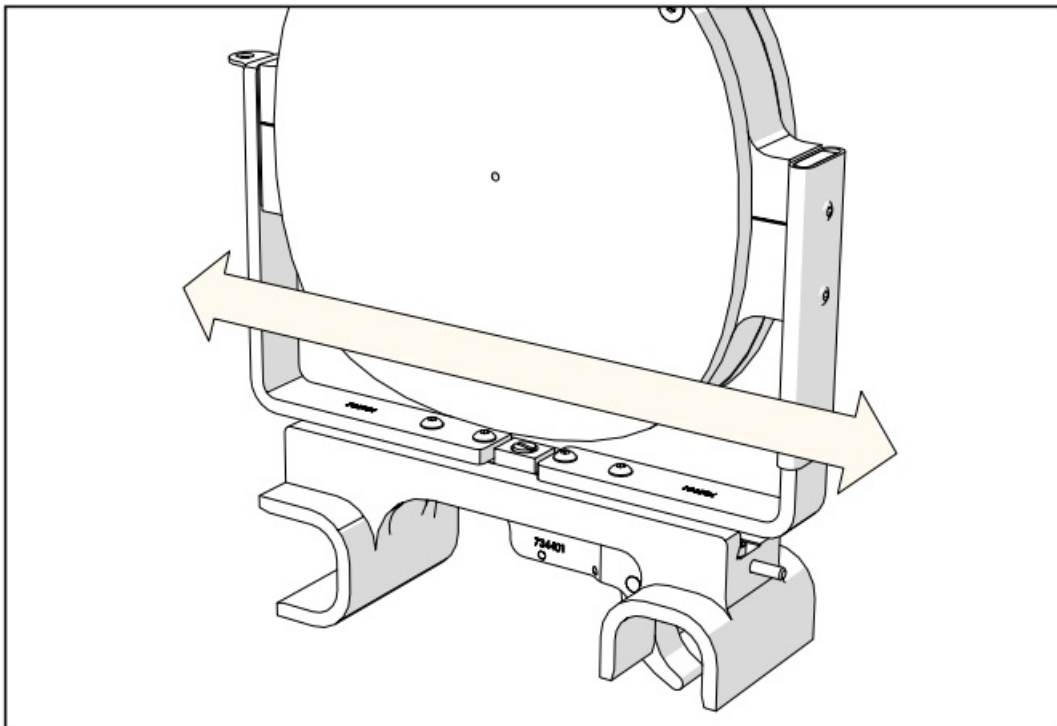
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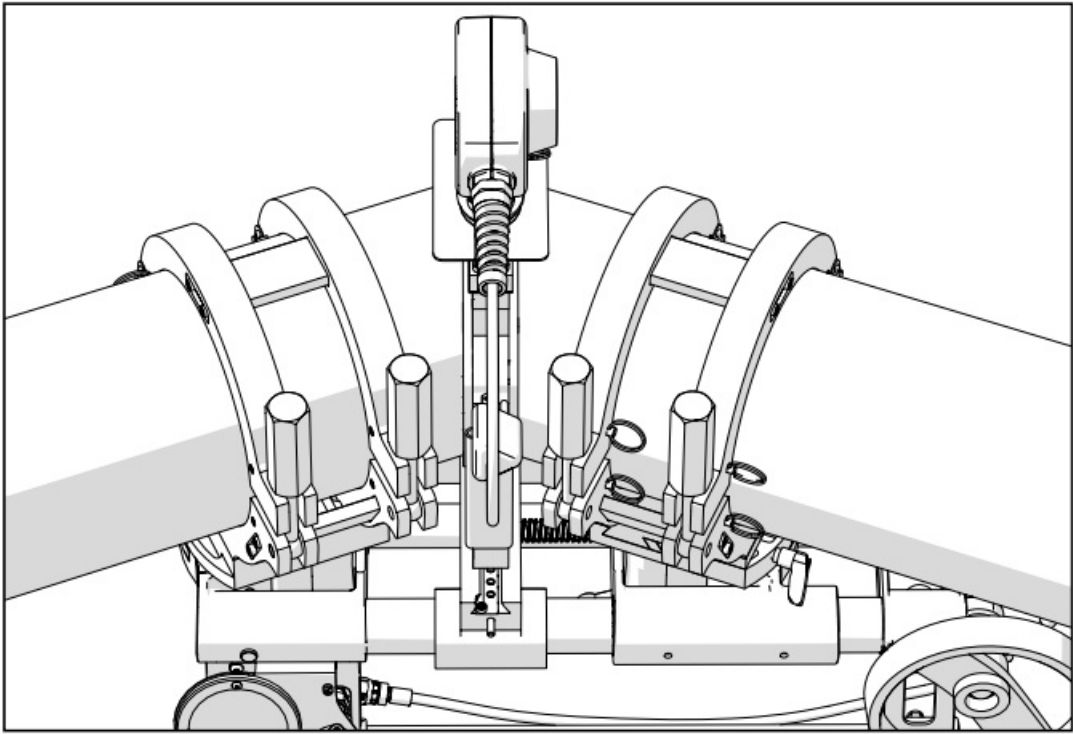
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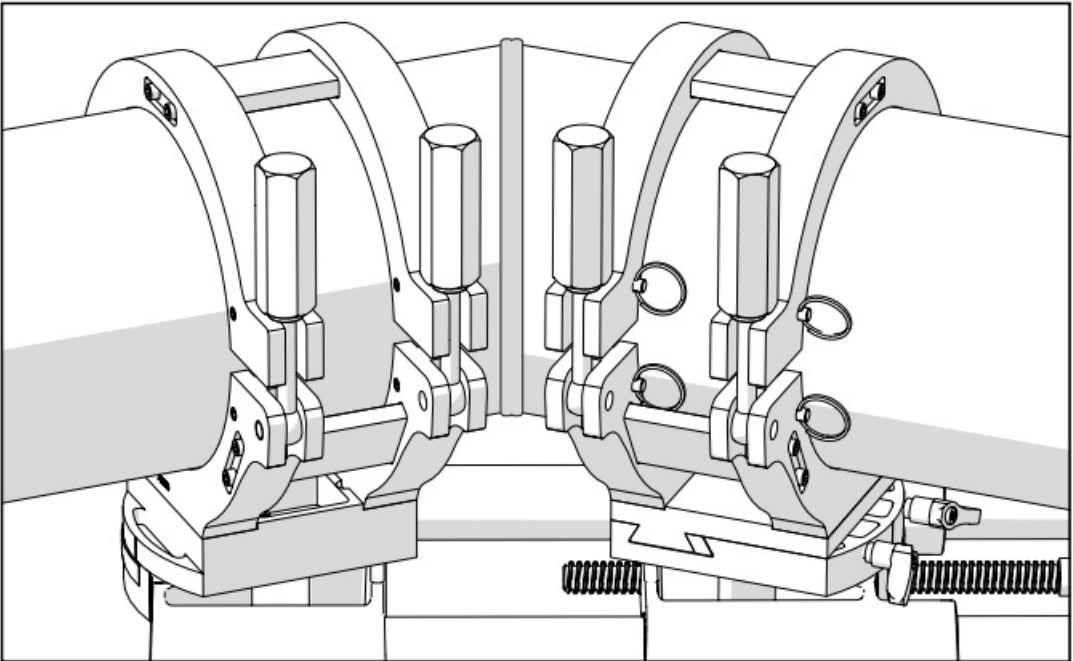
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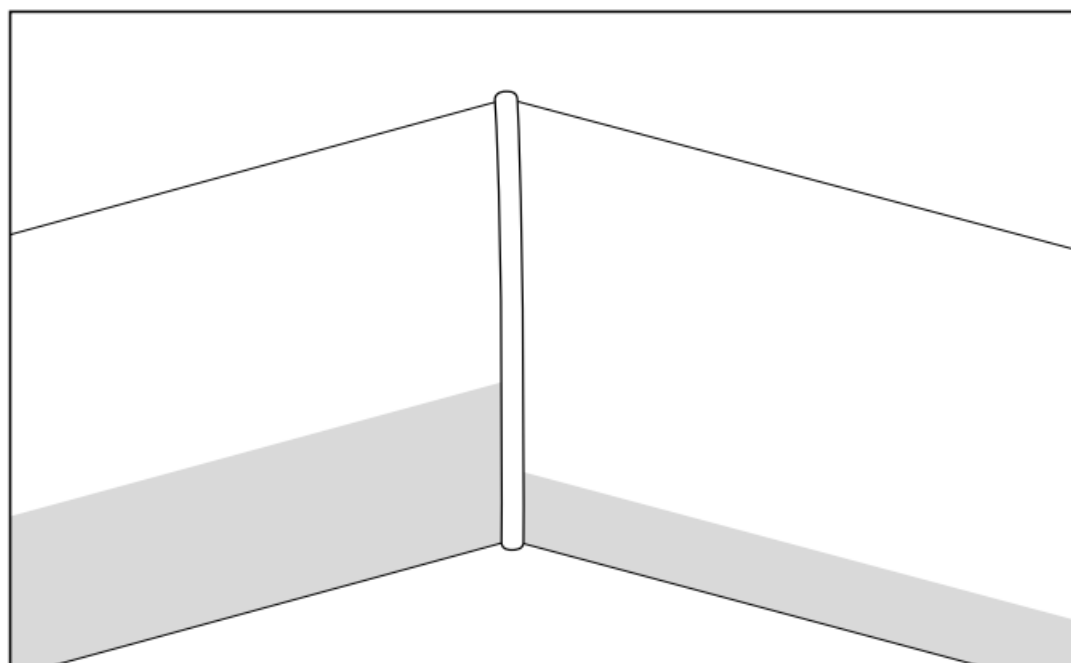
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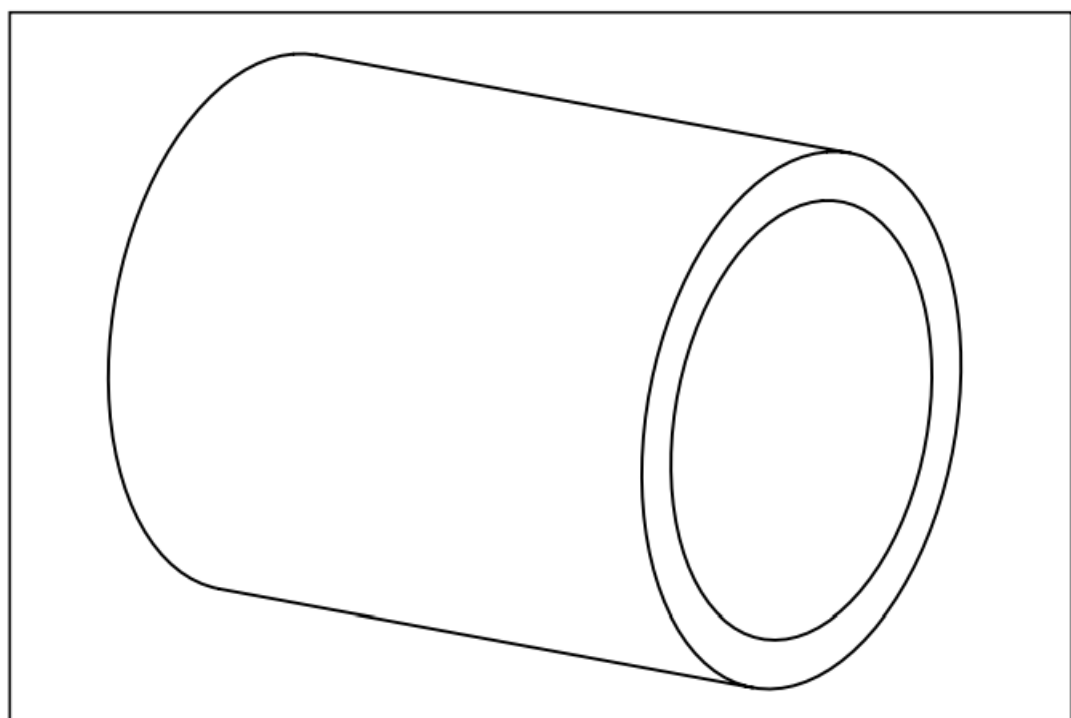
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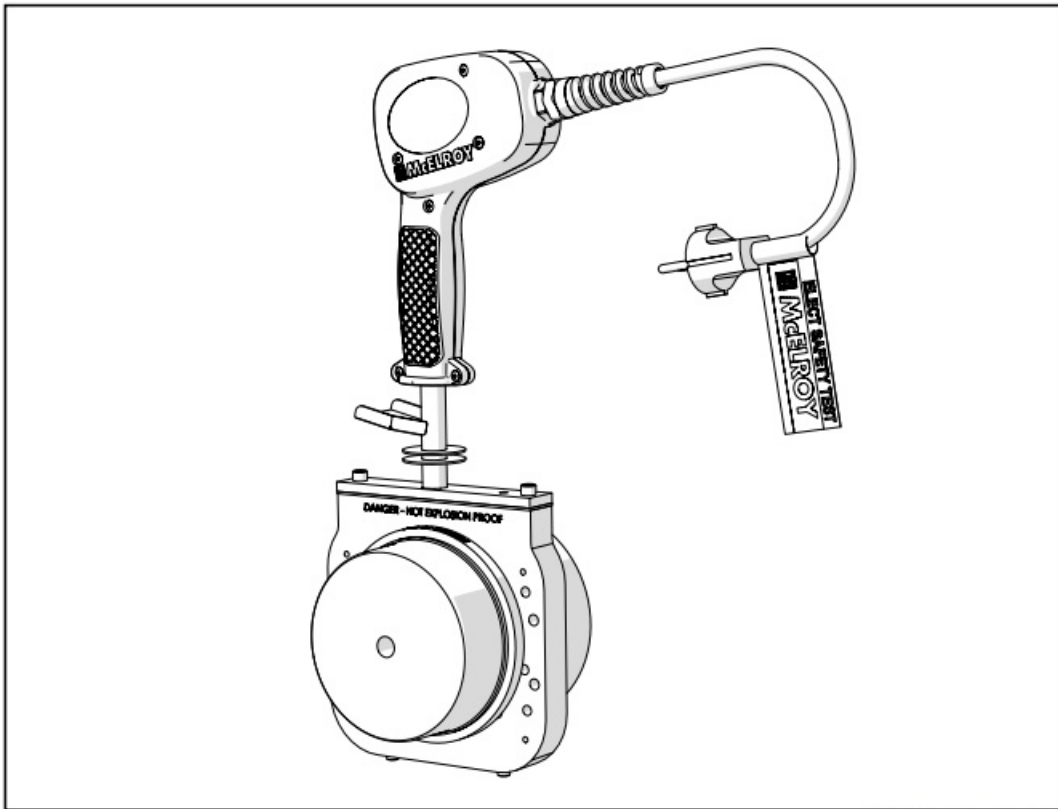
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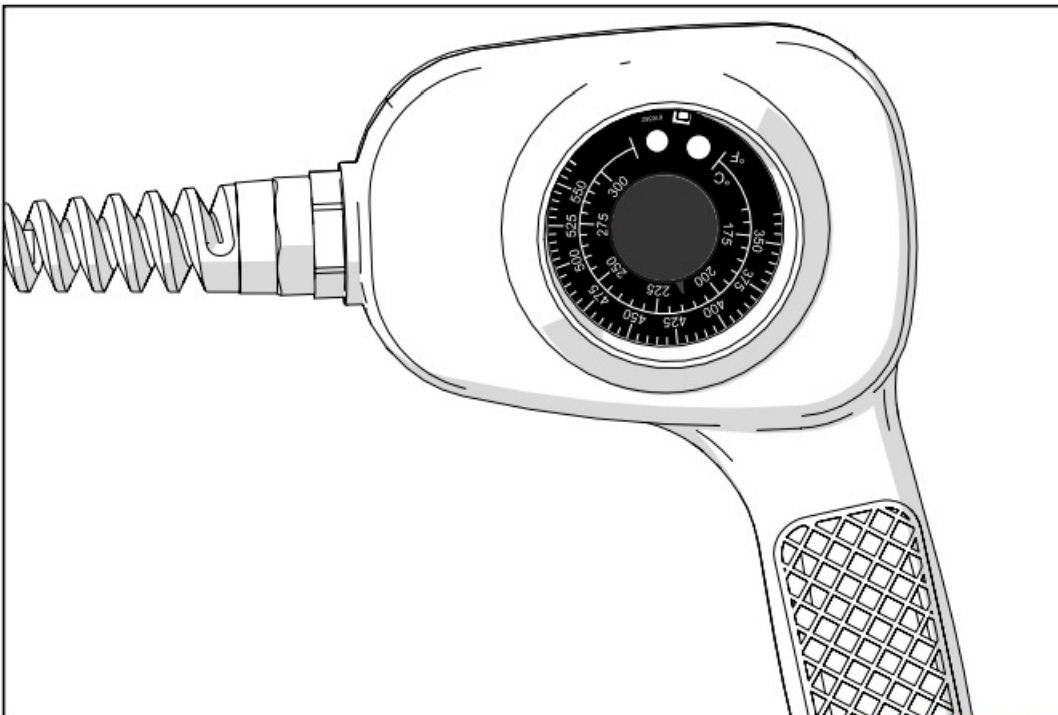
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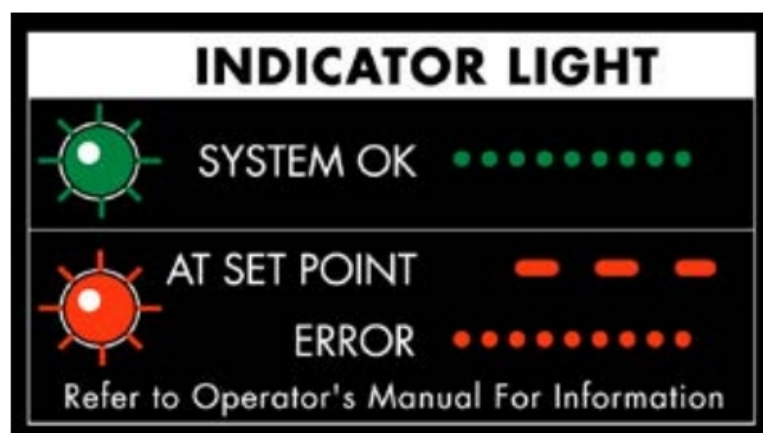
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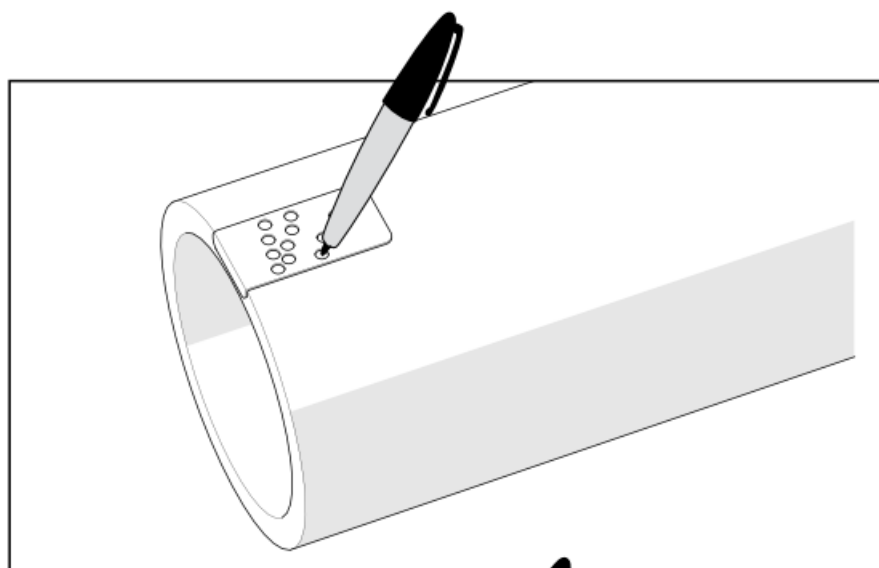
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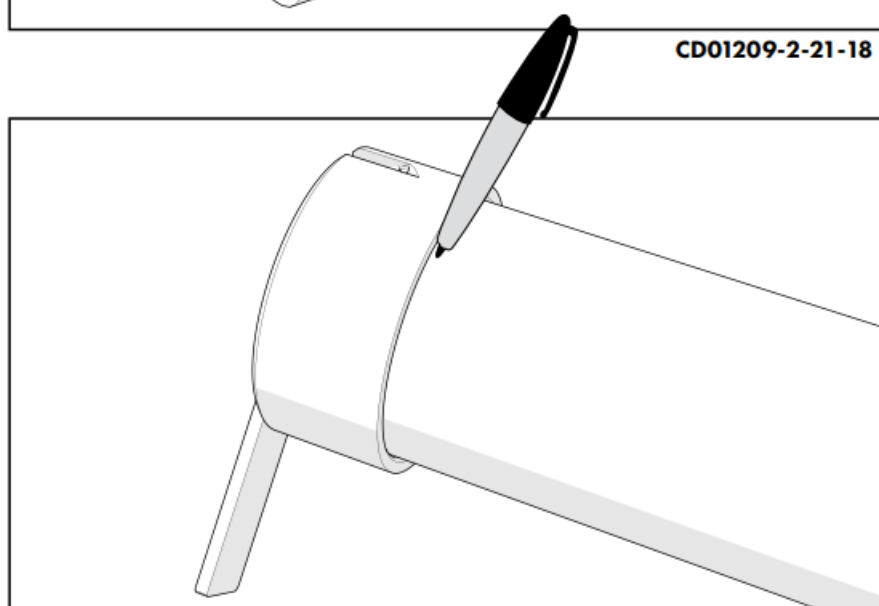
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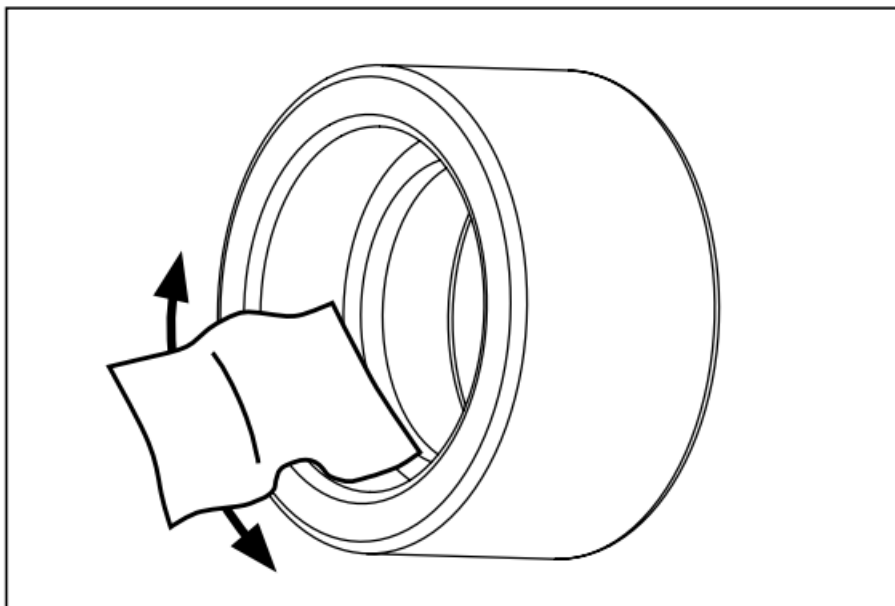
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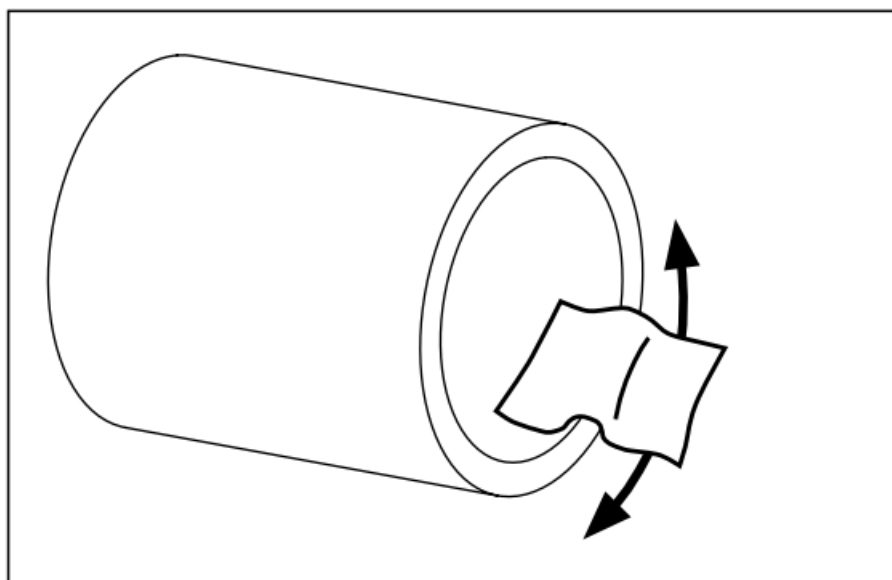
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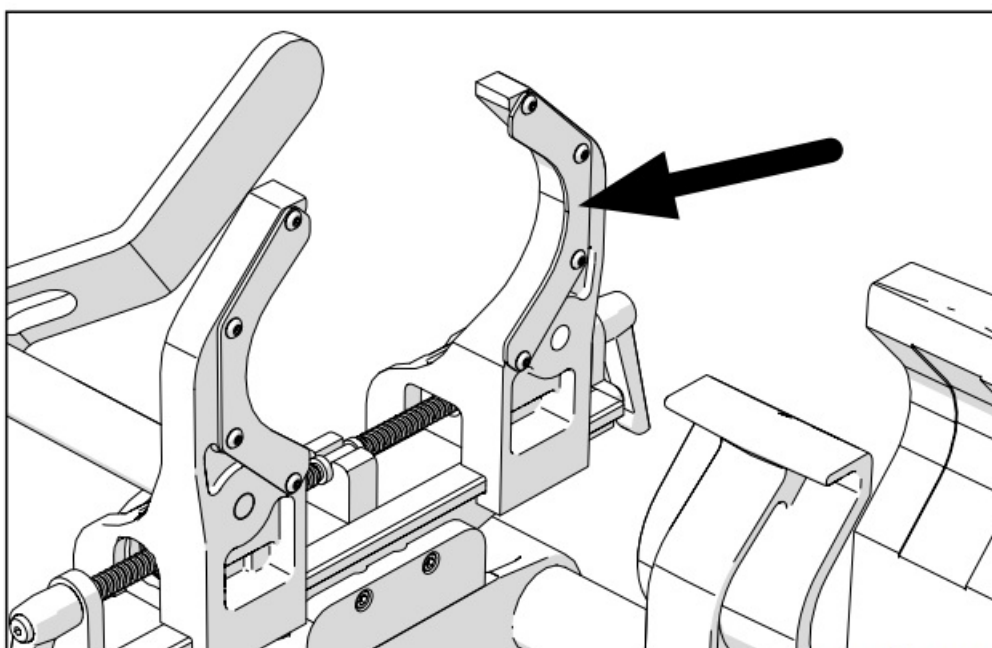
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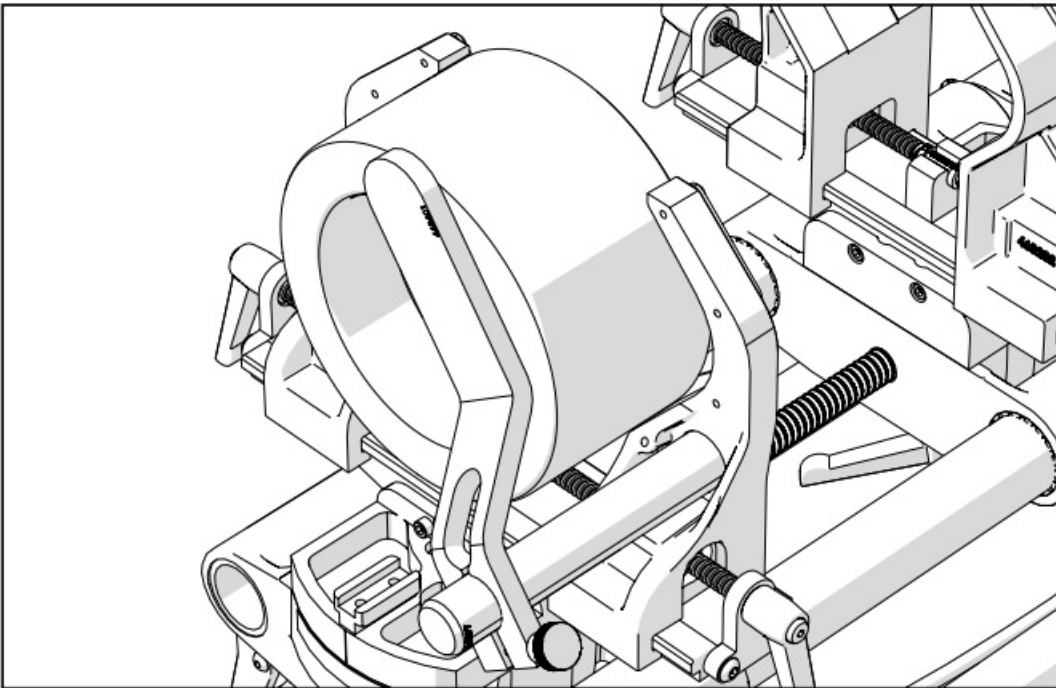
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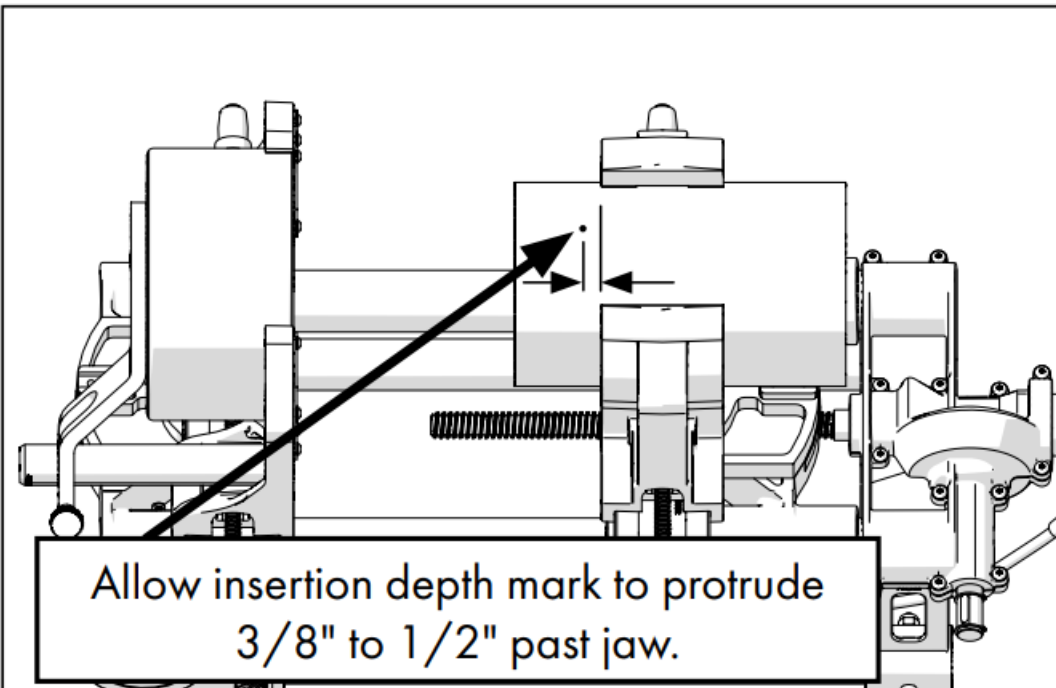
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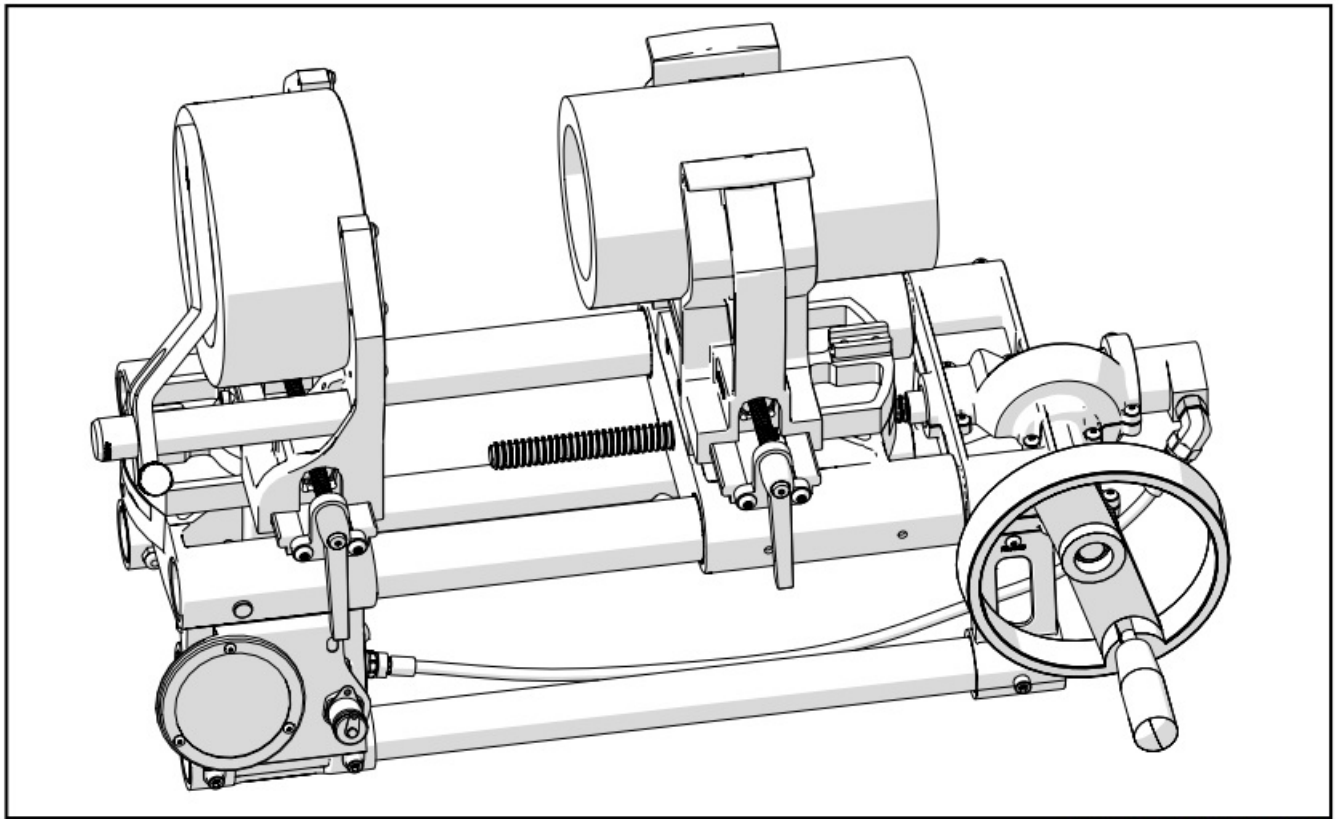
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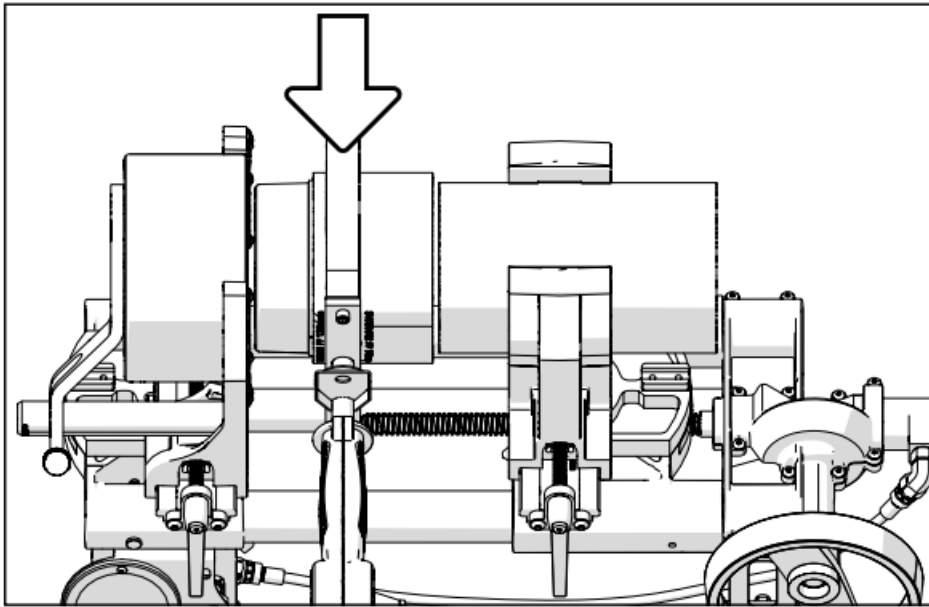
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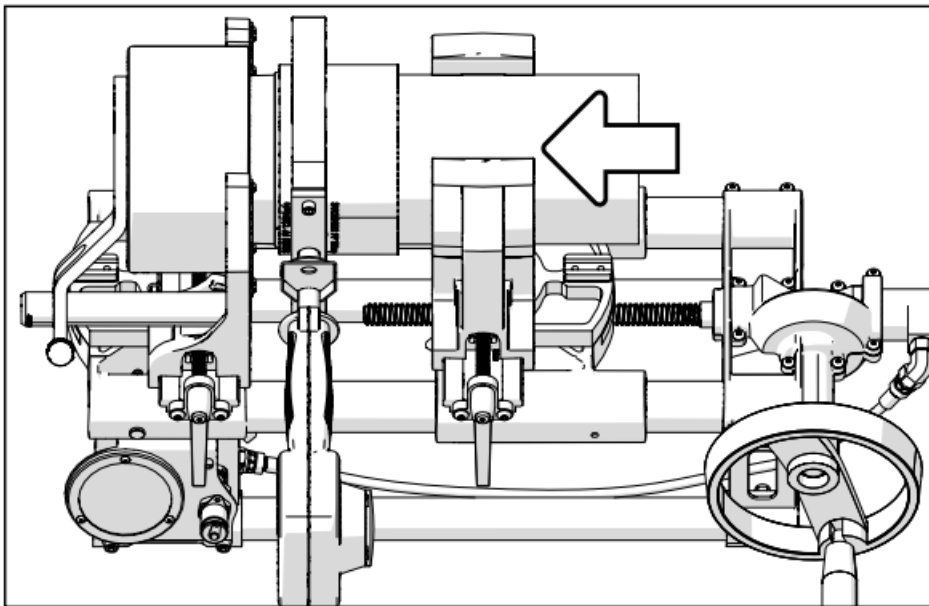
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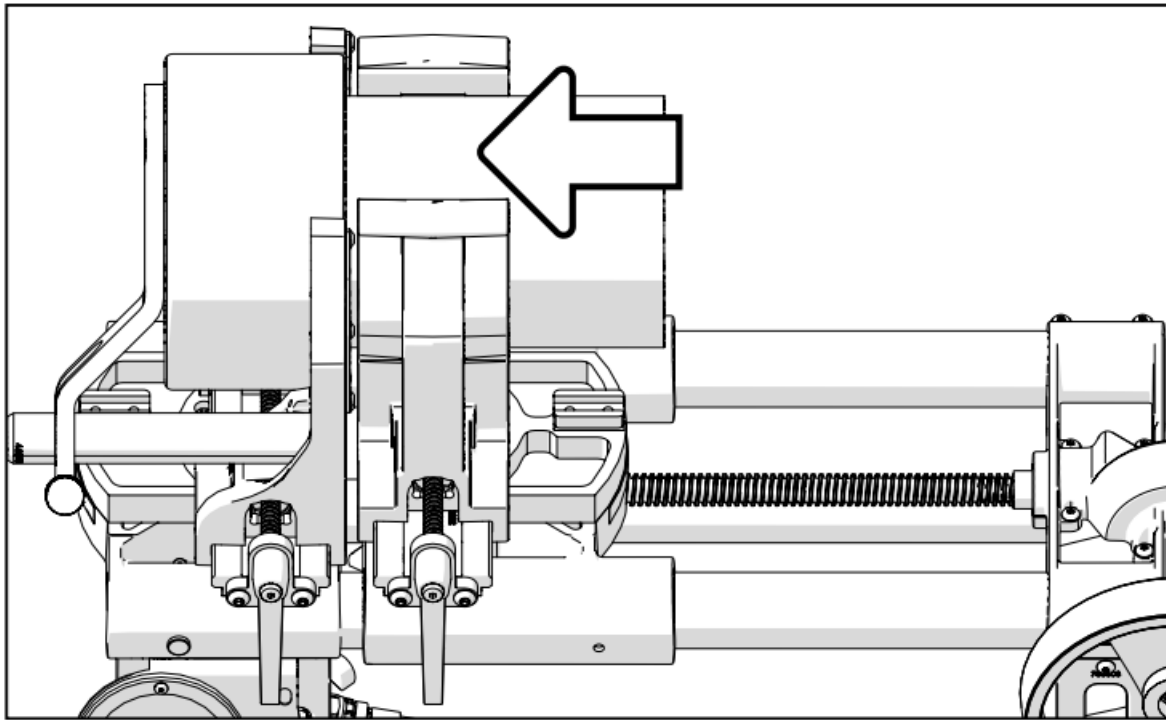
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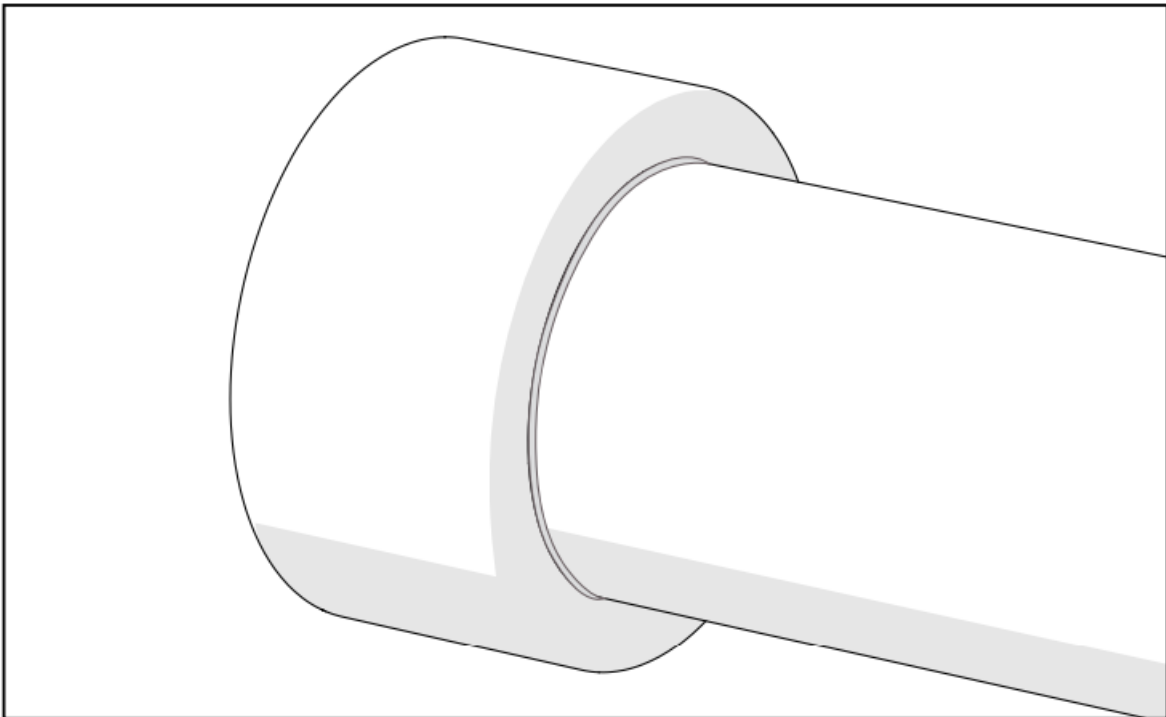
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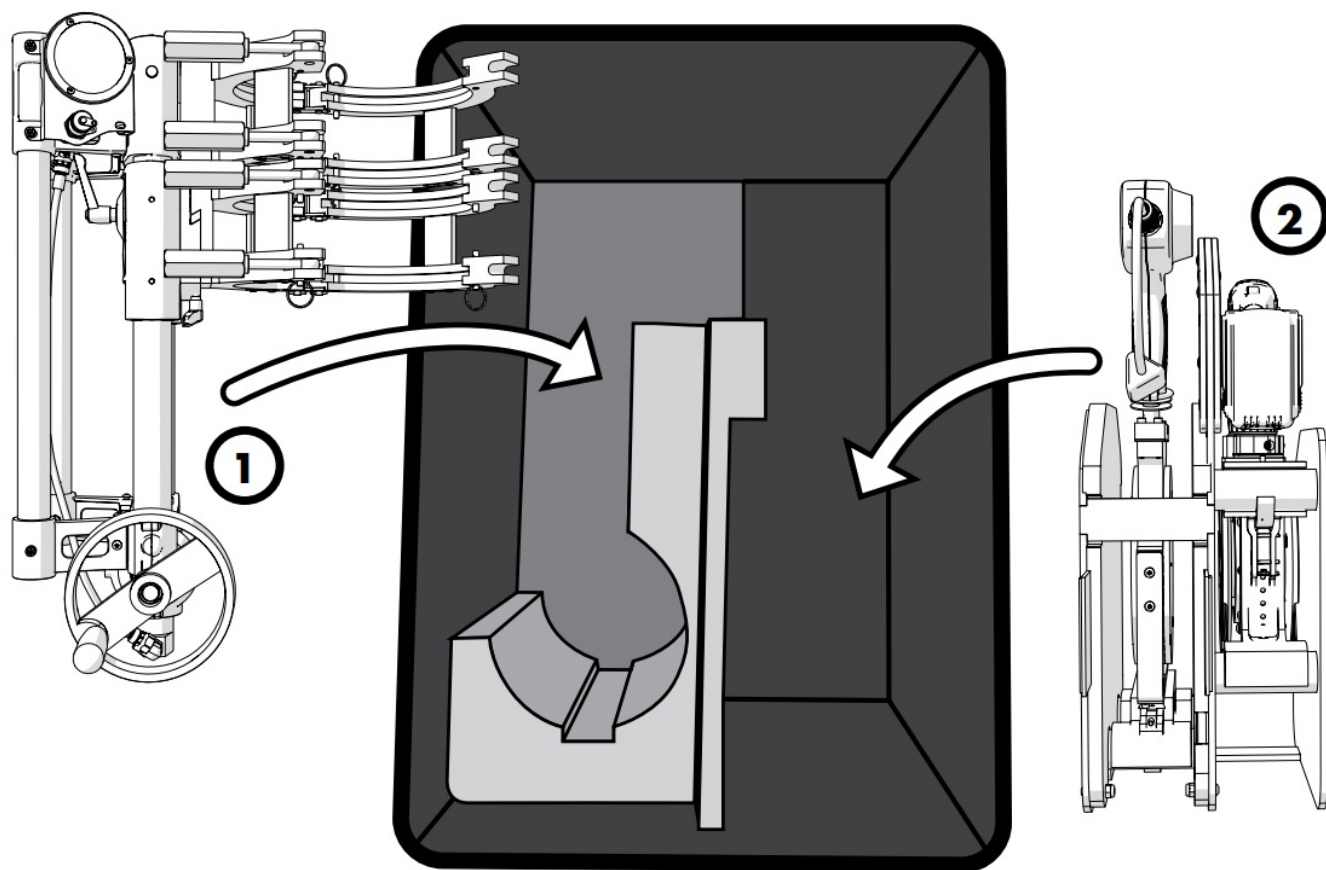
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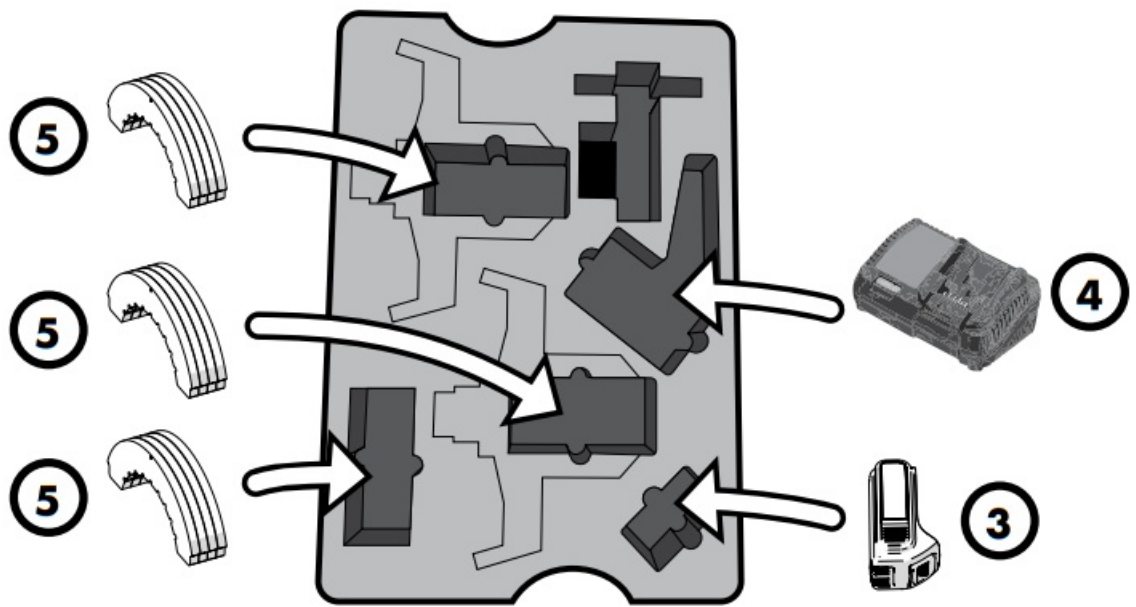


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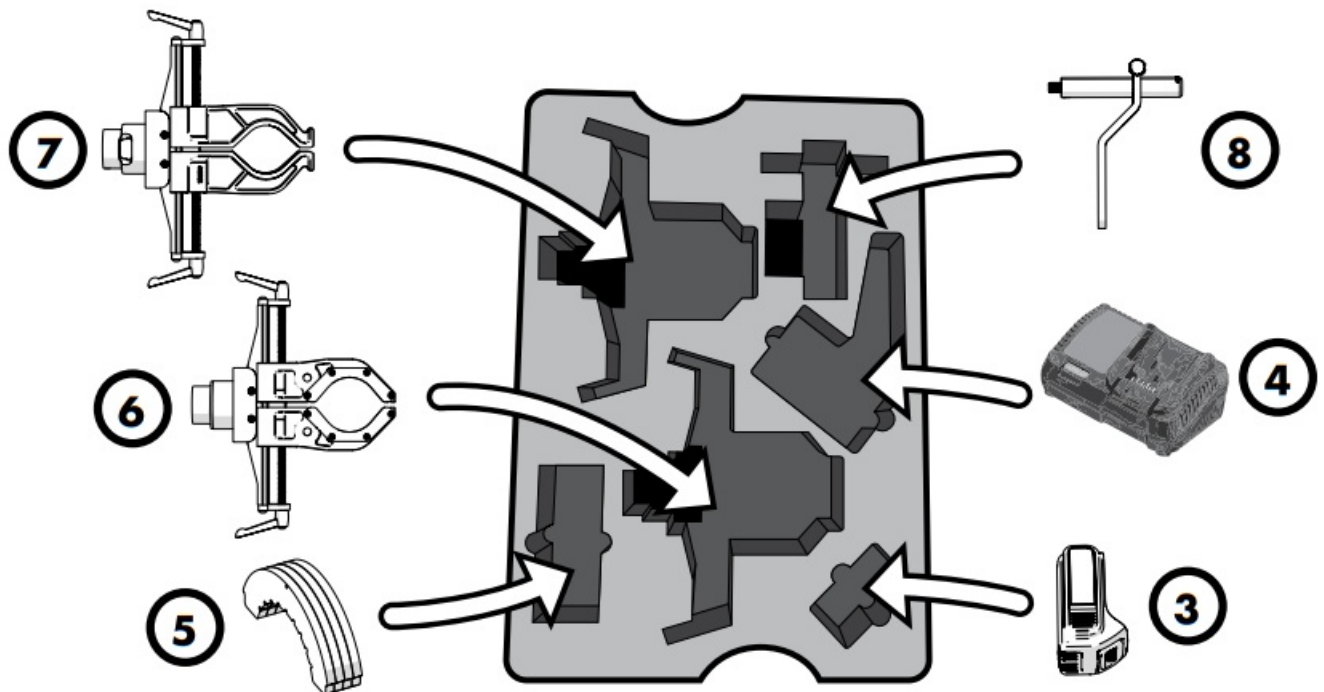


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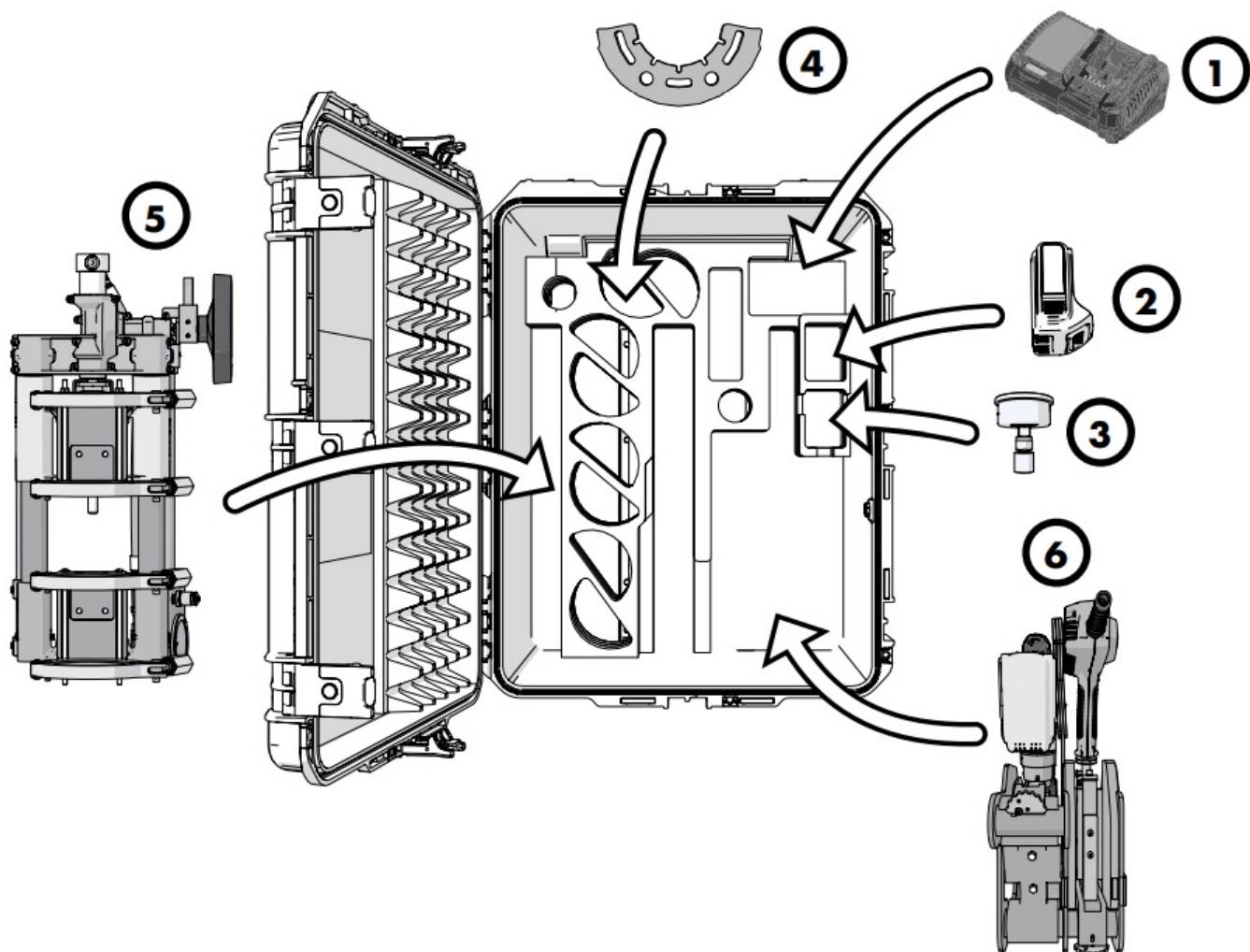


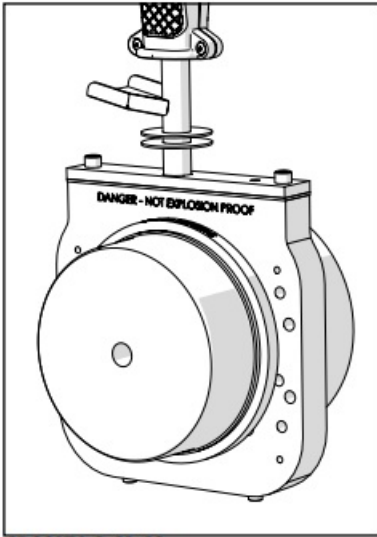


Insert with Socket Fusion Jaw Foam

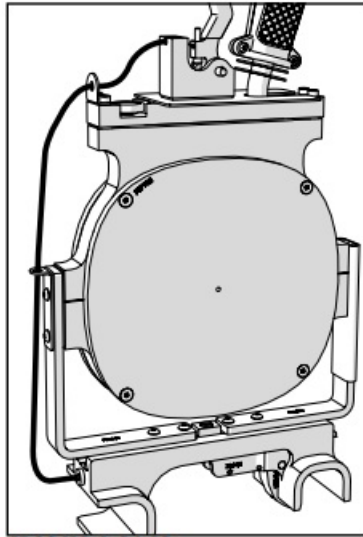


Insert with Socket Fusion Jaw Foam Removed



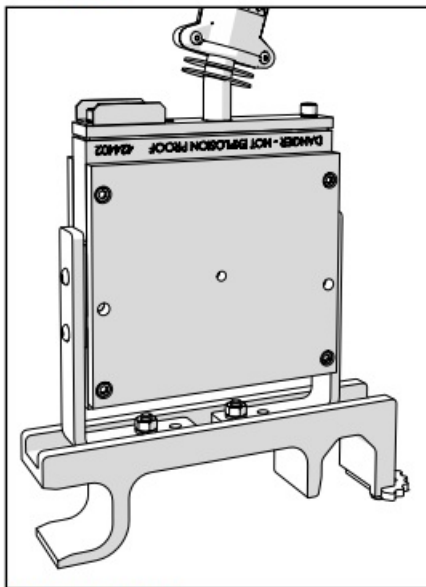


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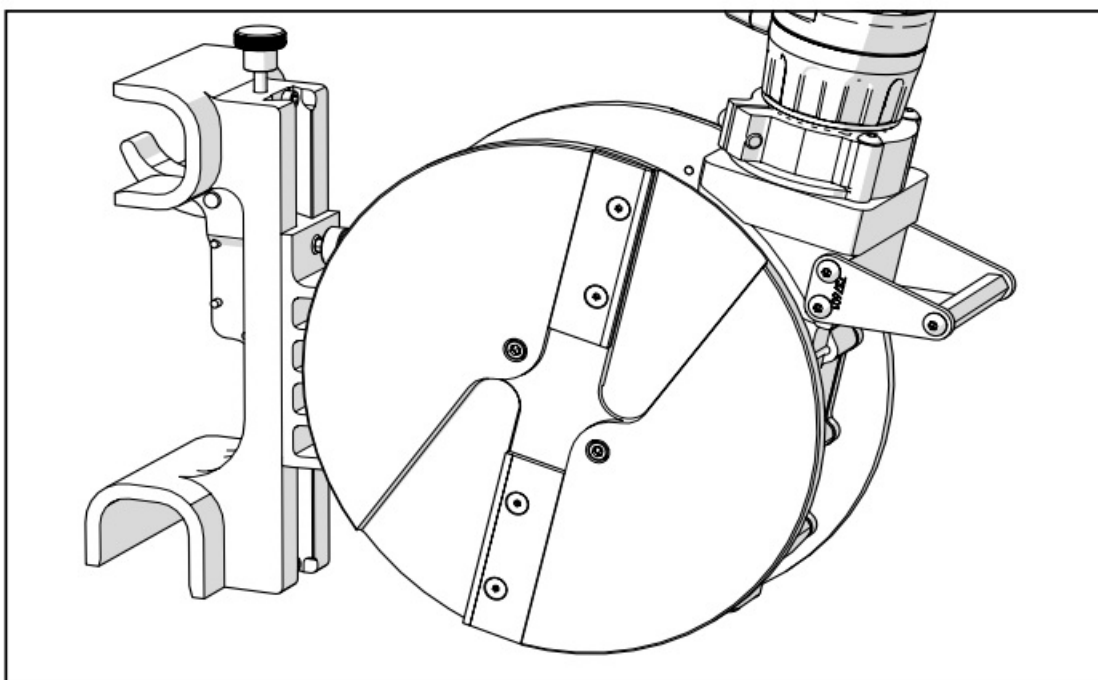


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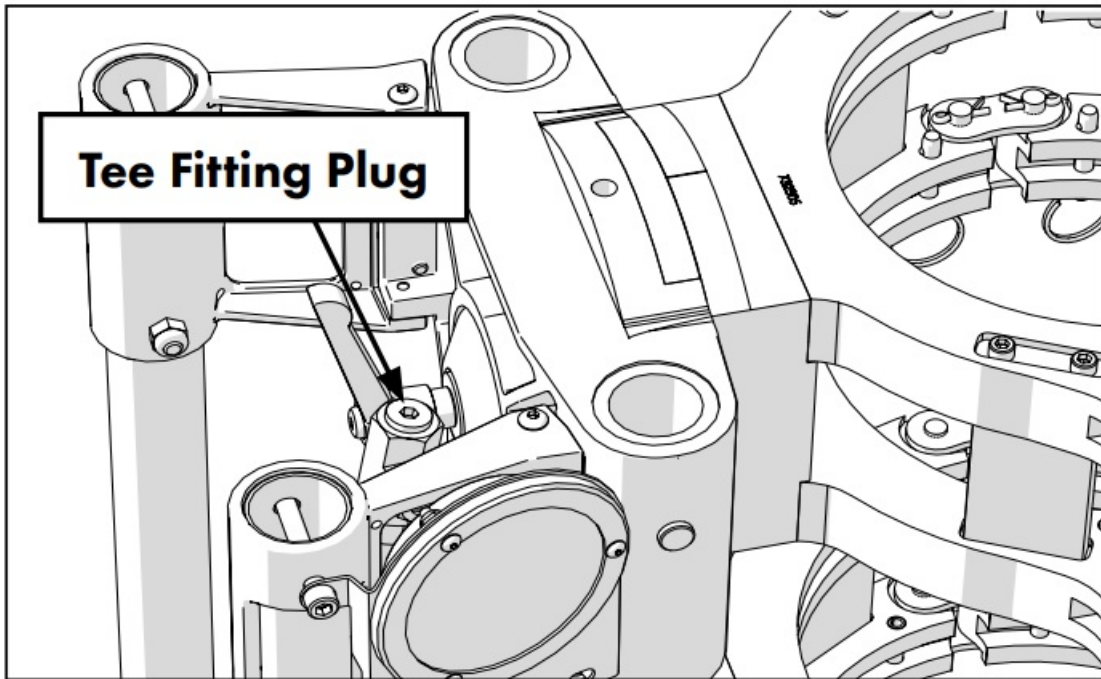
Polygon LT



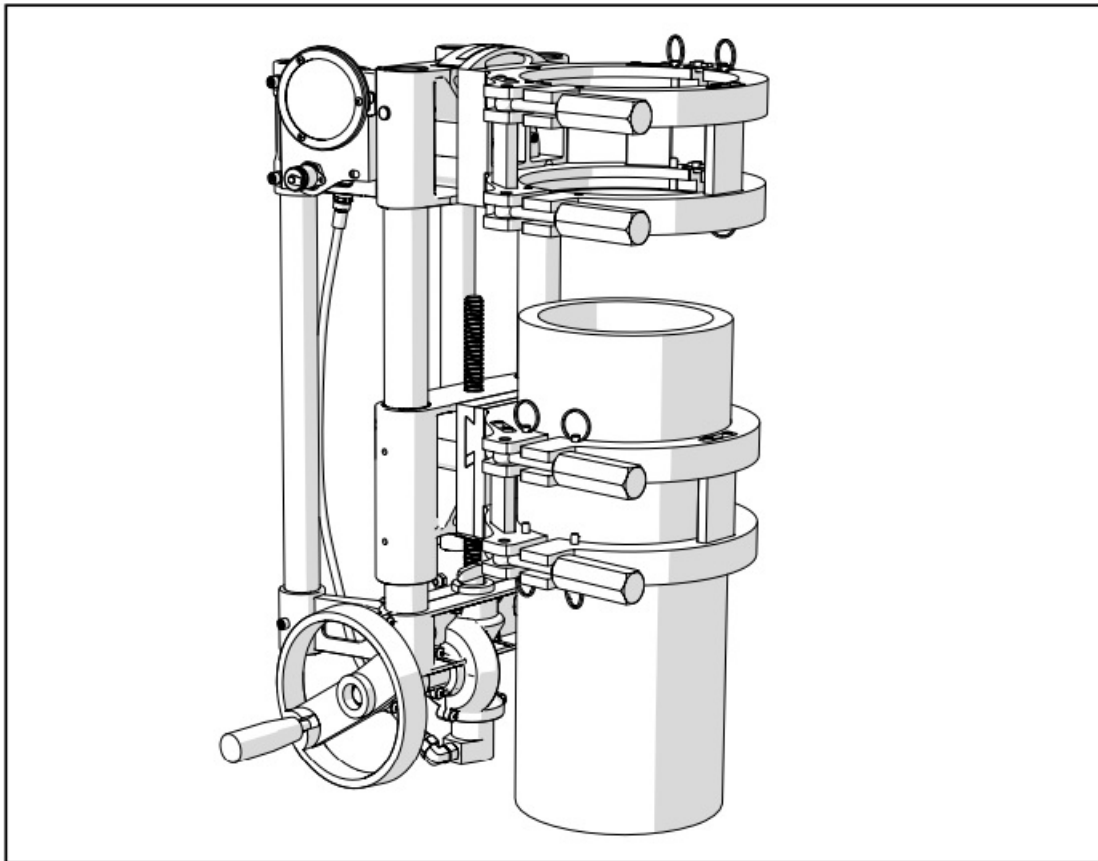
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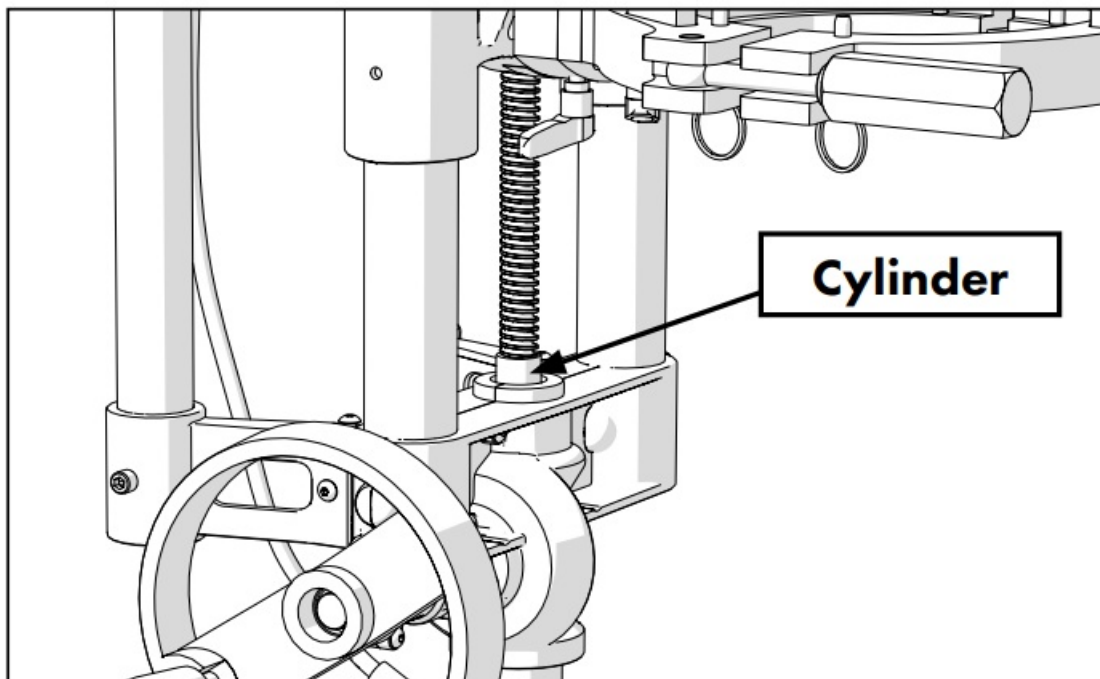
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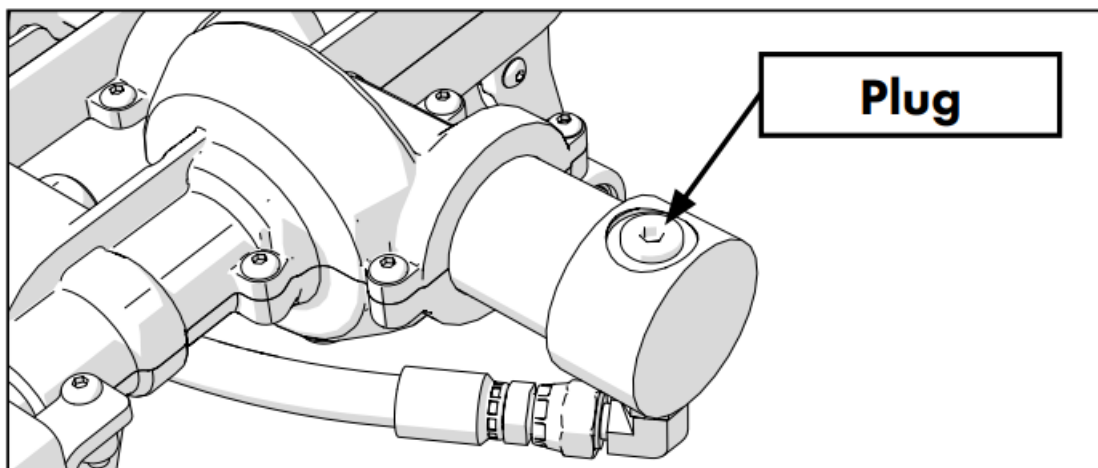
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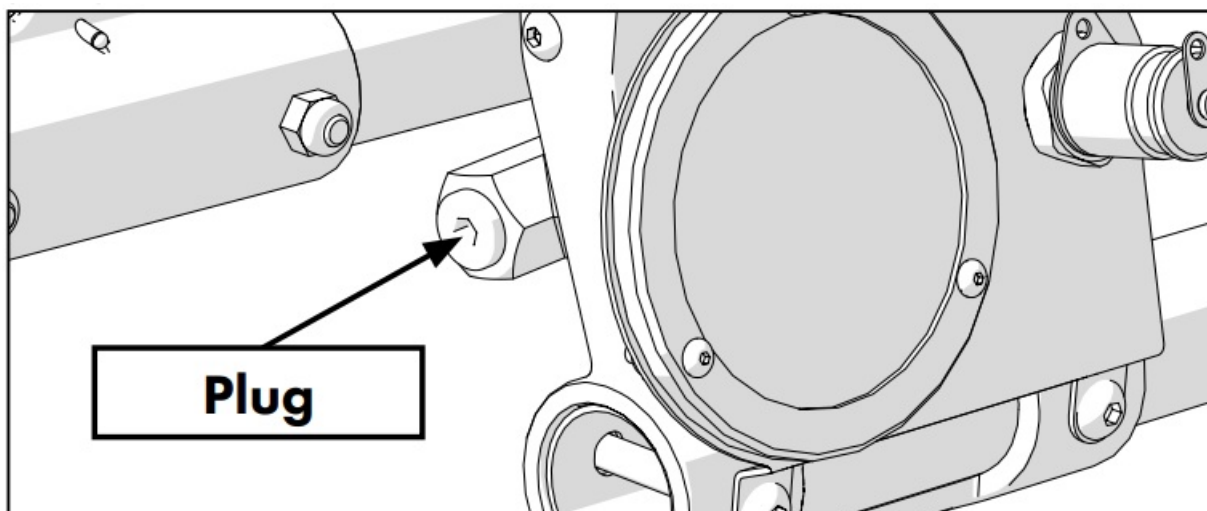
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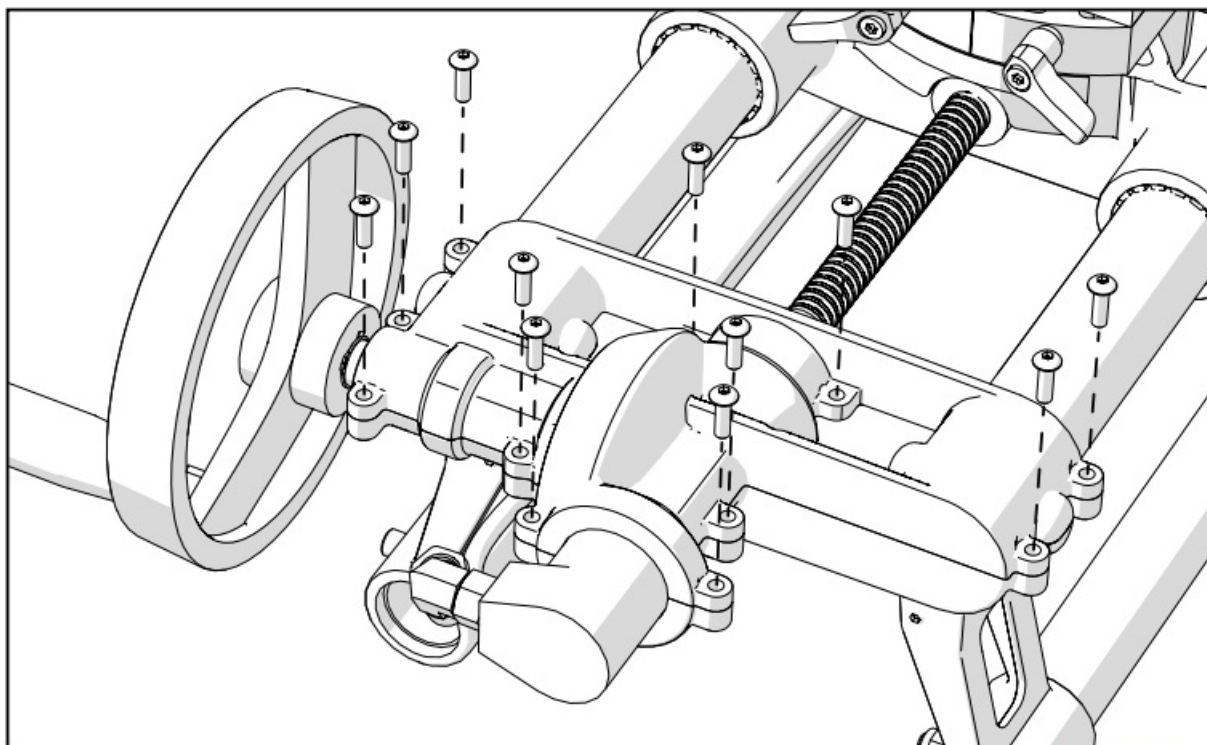
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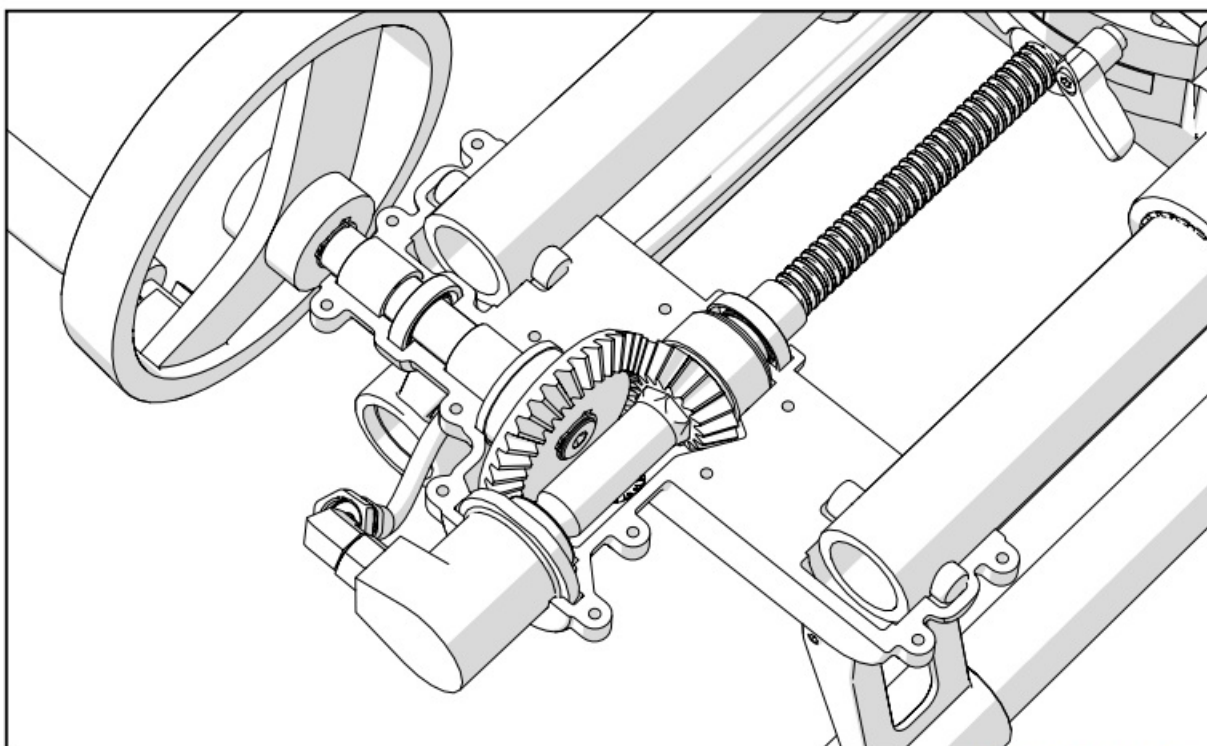
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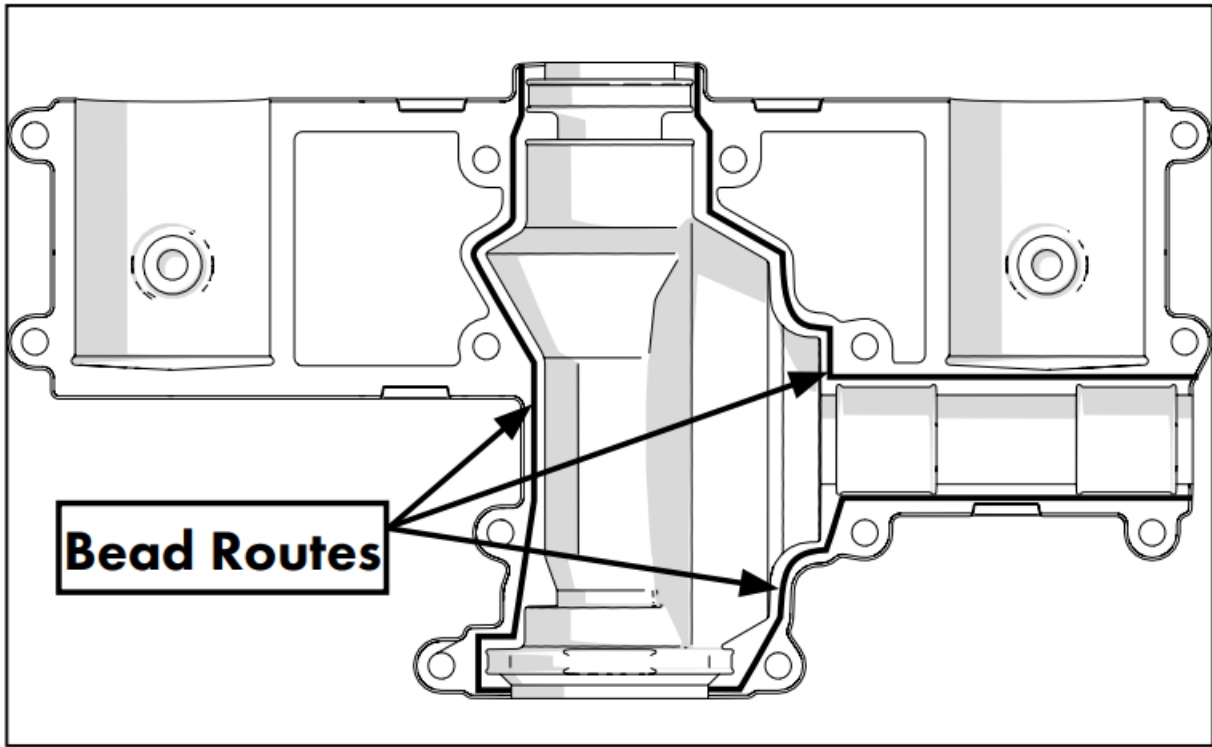
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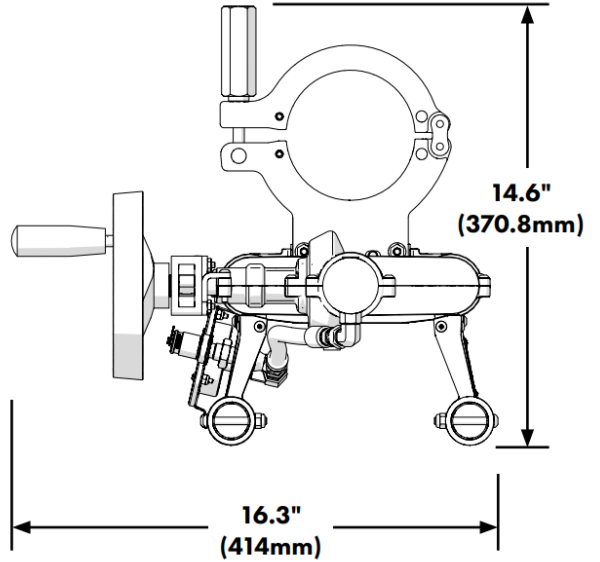
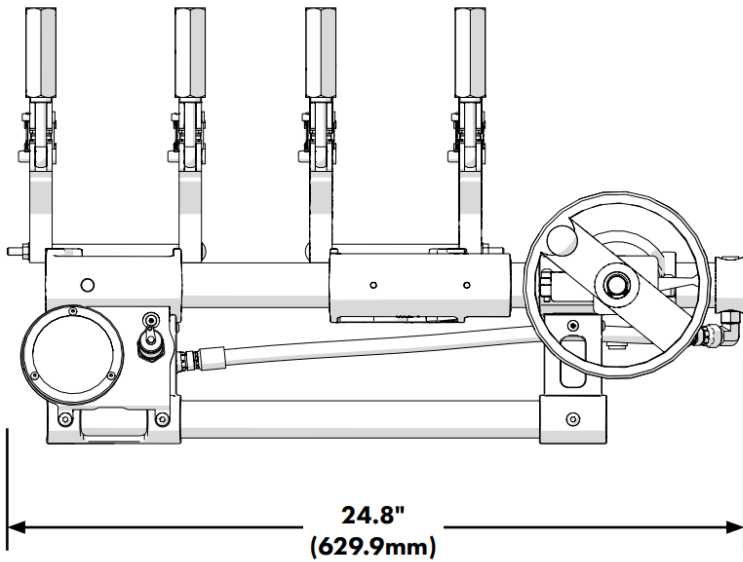
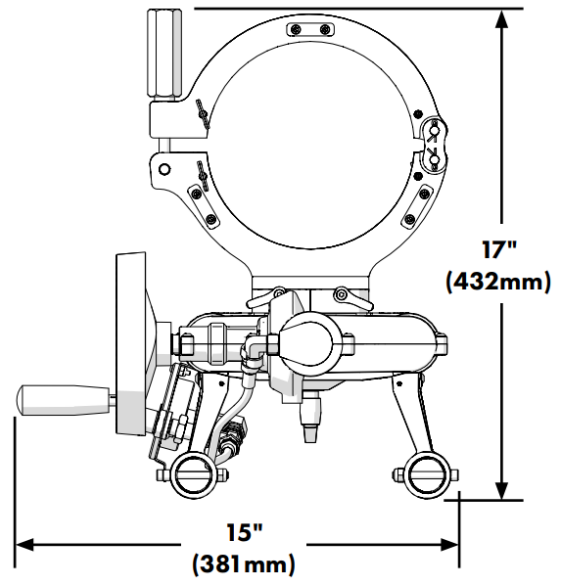
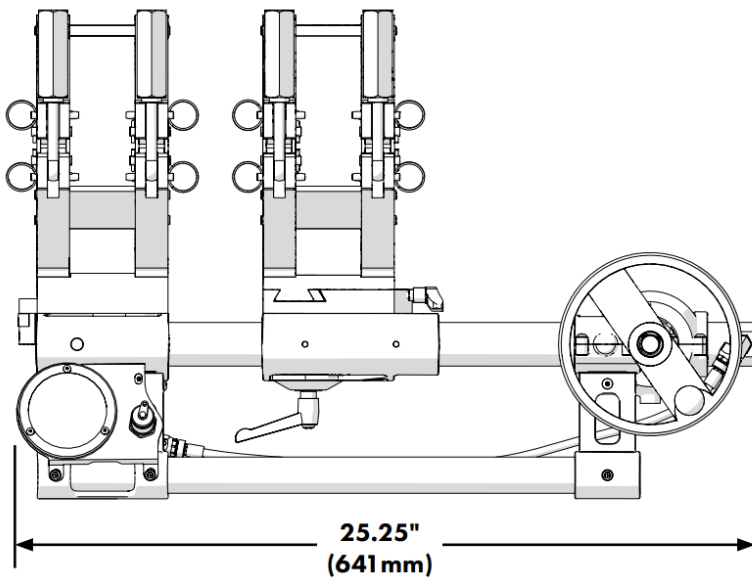
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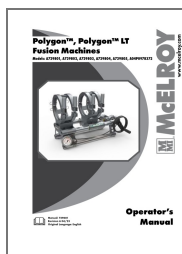
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CD02199-3-21-18







Documents / Resources



[MCELROY A729801 Polygon Polygon LT Fusion Machines](#) [pdf] User Manual
A729801, A729801 Polygon Polygon LT Fusion Machines, Polygon Polygon LT Fusion Machine
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-  [Redirecting...](#)
-  [McElroy University - Advanced Pipe Fusion Training](#)
-  P65warnings.ca.gov
- [User Manual](#)