

THE MANUAL

ASSEMBLY (2-5)

CARE (6-13)

SPECS (14-15)



Battery Gun Company
United States
27560 Groesbeck
Roseville, MI 48006



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ASSEMBLY WHAT YOU'LL NEED



Allen Wrench



1/8"

Wrench



7/16"

Allen Wrench



3/8"

Packing Blanket
(Recommended)



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ASSEMBLY BASEPLATE AND LEGS

Cap Screws



Use provided cap screws and 3/8" allen wrench to assemble legs.

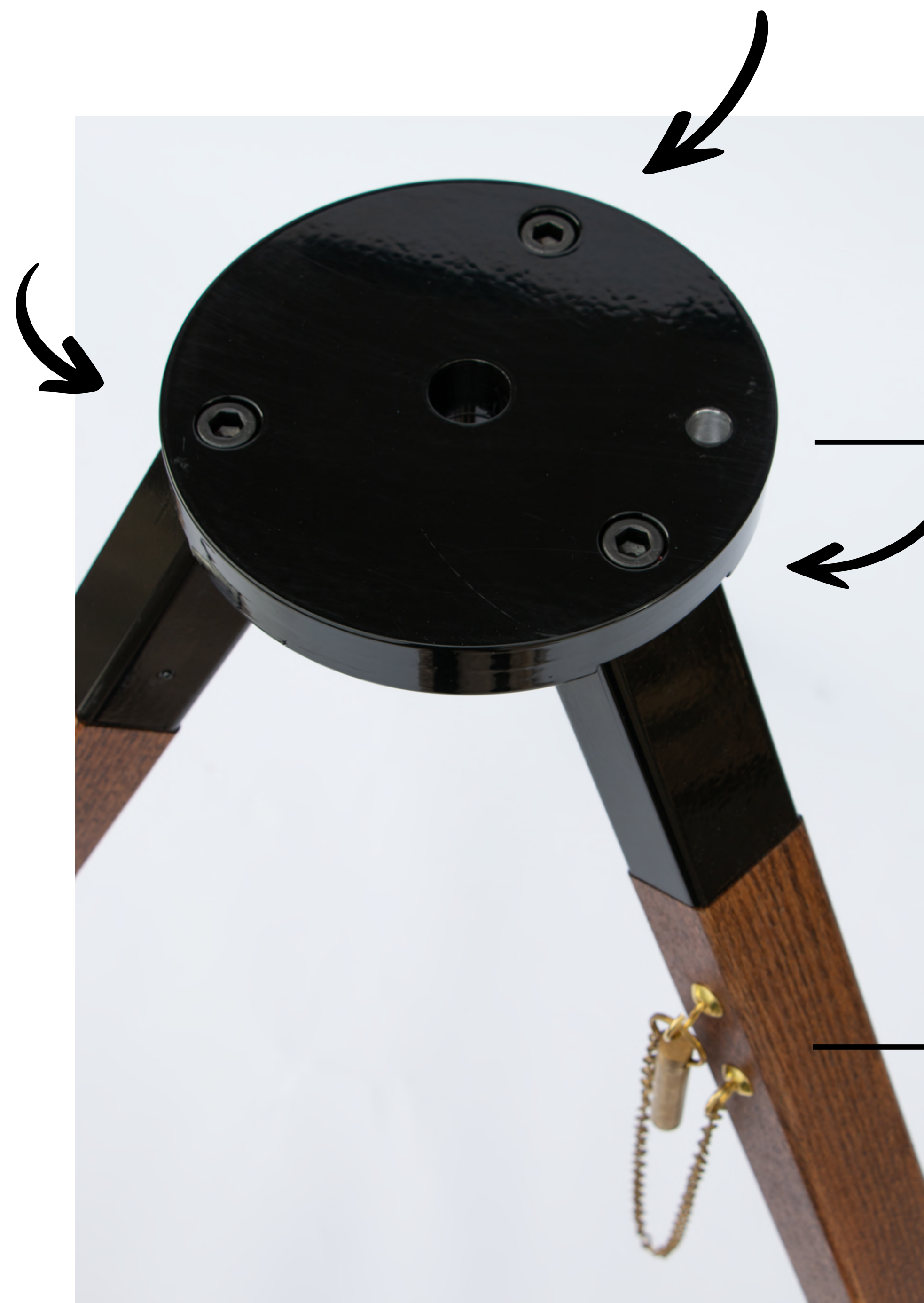


Plate hole and chain must be positioned as shown.



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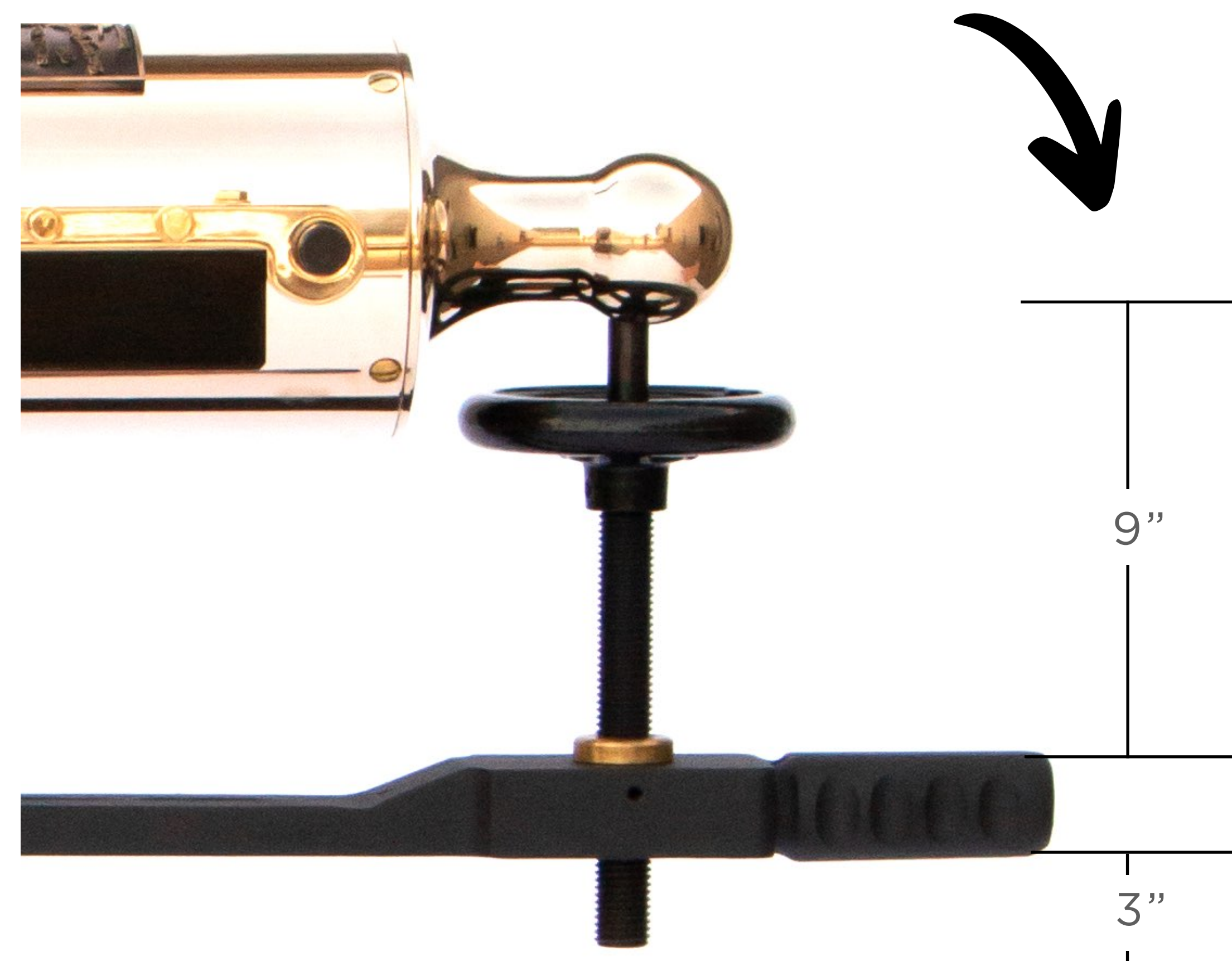
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ASSEMBLY HAND WHEEL

Install the elevating screw and hand wheel assembly into the bronze bushing on the traversing handle.



Run the screw to a point where the threads are about 9" distance above and 3" below the handle.



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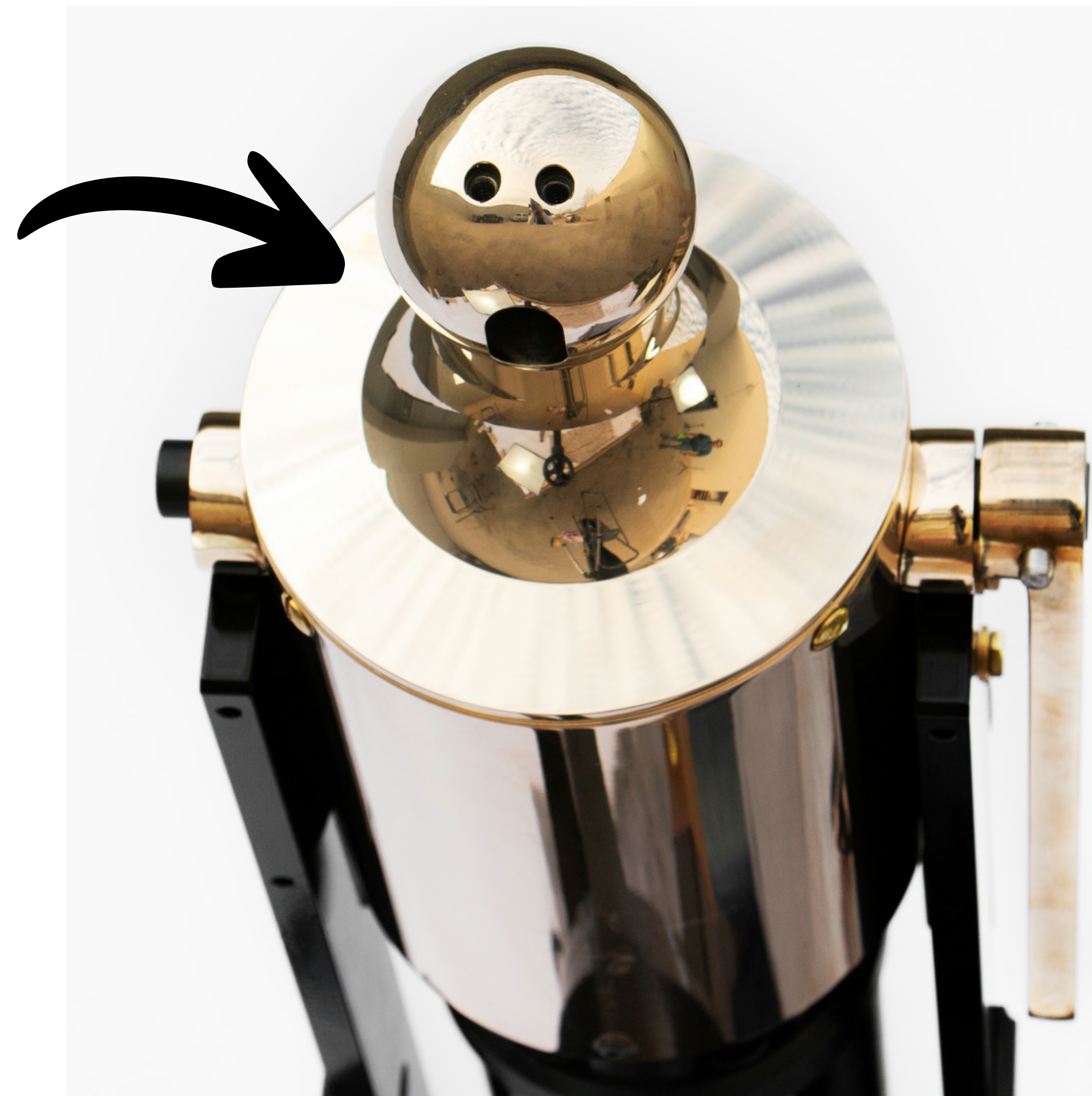
ASSEMBLY

PLACING THE GUN

You will need 2 people to place the gun on top of the tripod to ensure accuracy and prevent scratching.

On the bottom side of the back-ball at the rear of the gun is a machined pocket. This sits over the top of the elevating screw.

With the trunnion in the yoke and the screw inside the ball, run the set screw in until flush with the back of the ball. This will capture the gun in groove of the elevating screw.



Assemble trunnion caps and screws on both sides of the yoke.



The gun is ready for use.

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DISASSEMBLY WHAT YOU'LL NEED

Screw Driver



Allen Wrench



3/8"

Allen Wrench



1/8"

Rubber Mallet



Pliers



Allen Wrench



1/16"

Pin Roll Drift

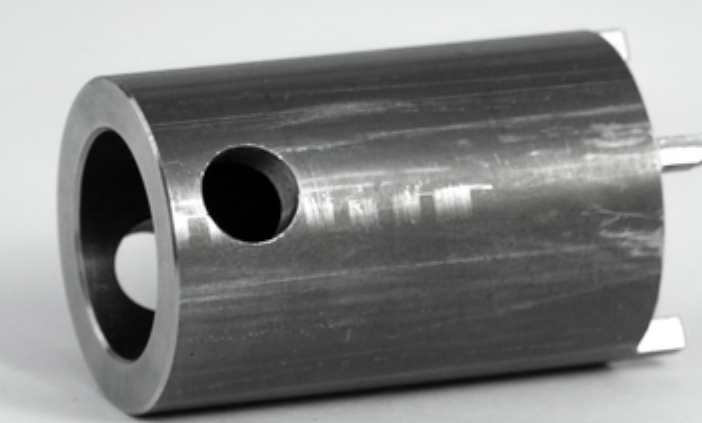


1/4"

Hammer



Spanner Wrench



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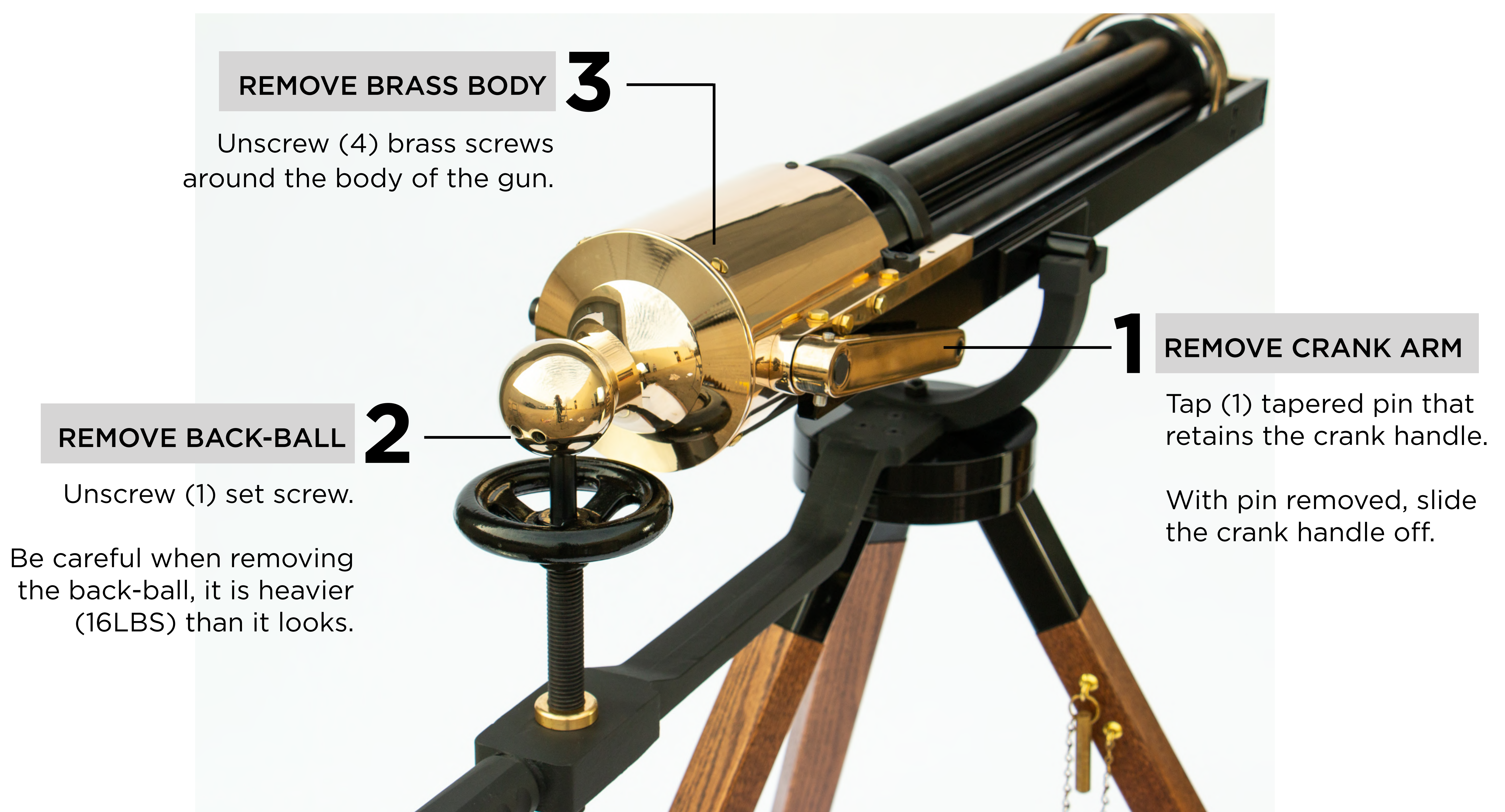


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DISASSEMBLY FOR CLEANING



It will be very advisable that if the gun is being cleaned while on the tripod that tie a piece of cardboard around the barrels as when you remove the back-ball, the gun will tip down the rest against the tripod top because it is barrel-heavy at that point.

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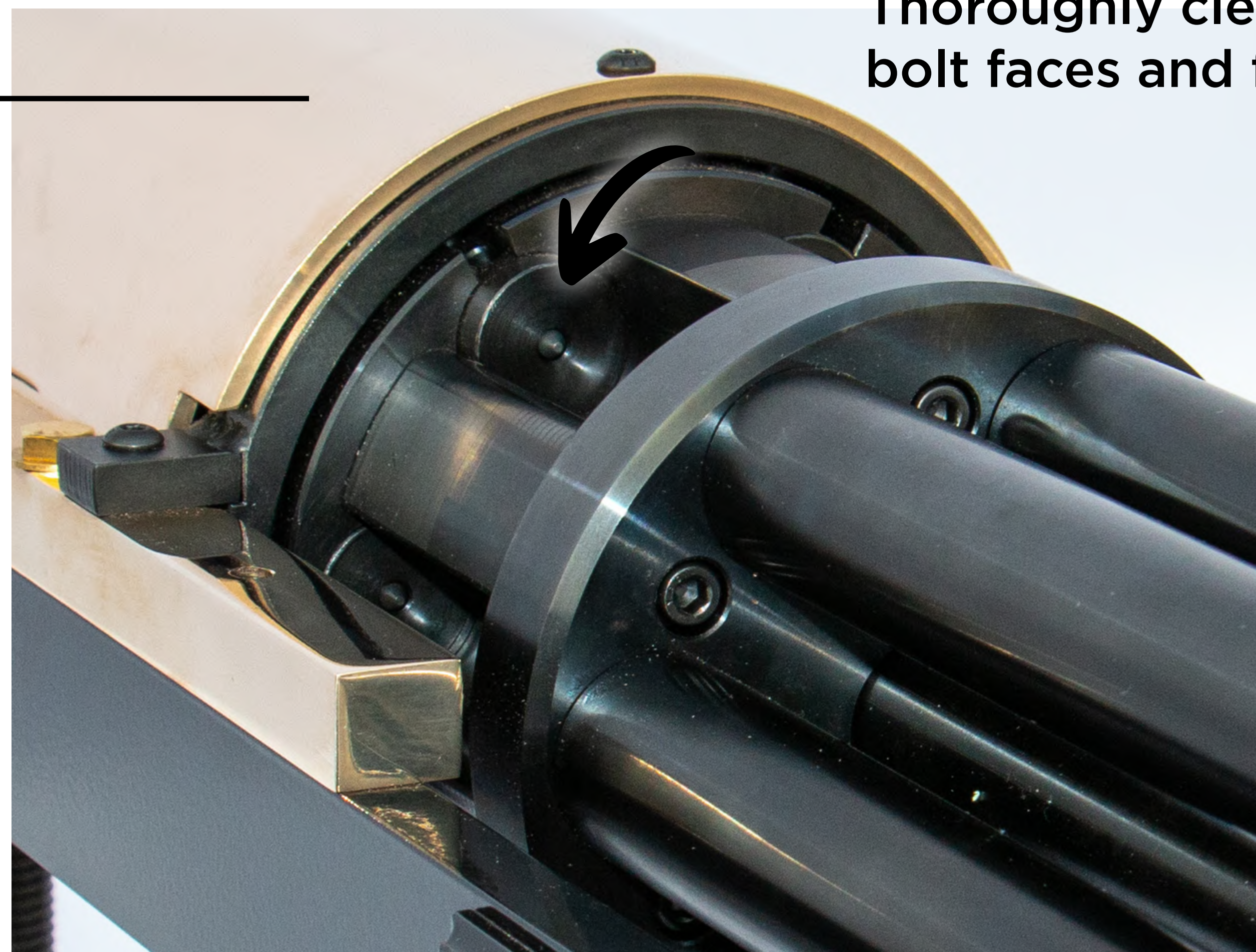
DISASSEMBLY BARREL CLEANING

BOLT FACES

1

Lift the cover and wipe out the chamber carrier.

Pay special attention to cleaning the barrel faces as they are the mating seal that keeps powder leakage from occurring. It becomes vital that they be kept clean at all times. Failure to do so will ultimately damage the gun.



Thoroughly clean the bolt faces and firing pins.

2

GROOVES

With the mechanism rotated to the high point on the cam, the bolt will be retracted to its furthestmost position. You will see a groove in the chamber carrier where the bolt travels. Be sure this groove is clean. Too much powder and debris build-up can prevent the bolt from locking the chamber in place during firing.

CHAMBERS

3

You must also spend time cleaning your chambers. The major area of concern is the radius face. The radius face on the chamber mates with the barrel face. These surfaces absolutely must be maintained to prevent damage and injury to the user.



For best results soak overnight in solvent or kerosene, wipe and/or blow dry all surfaces.

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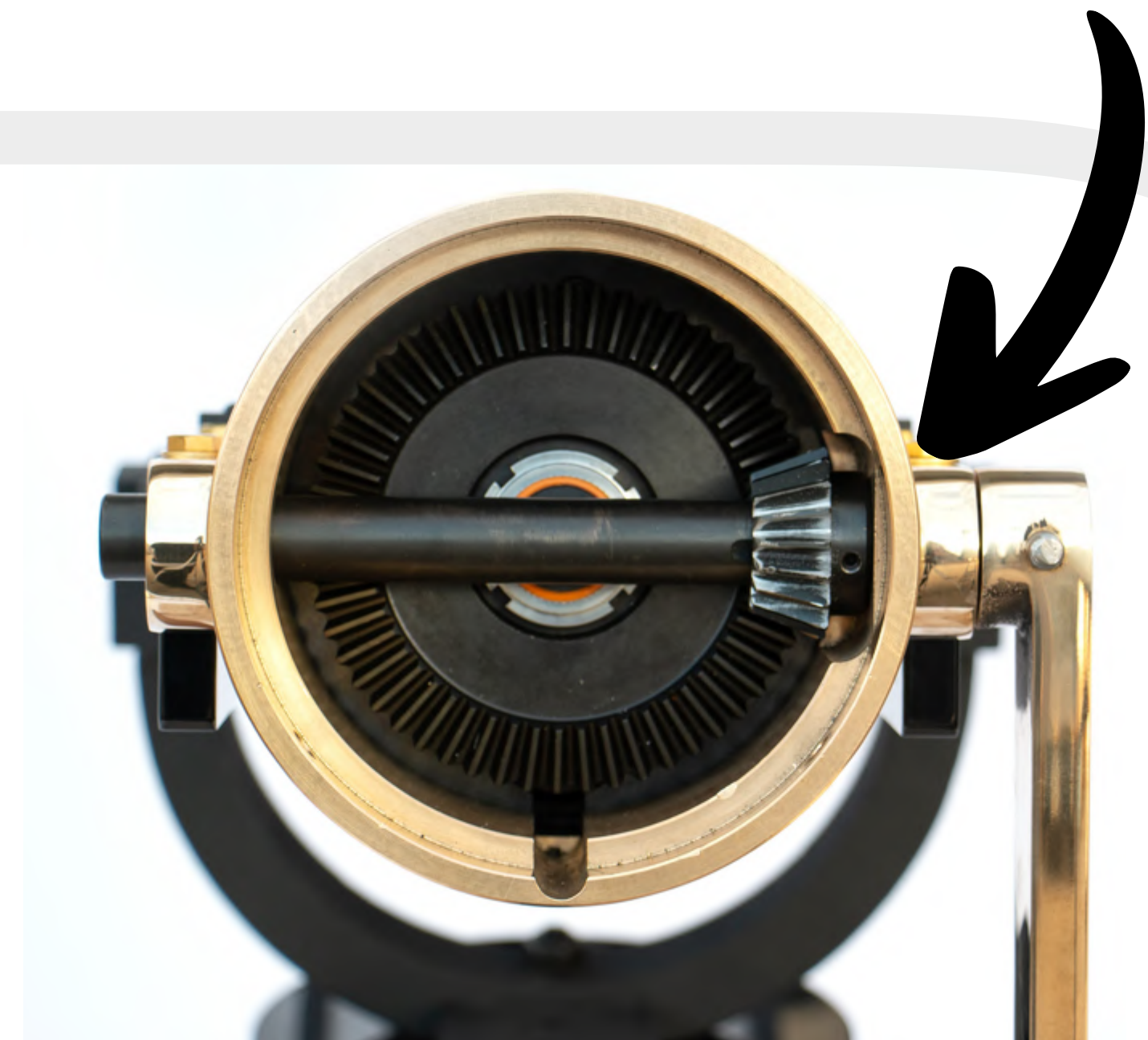


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DISASSEMBLY FIRE PIN CLEANING

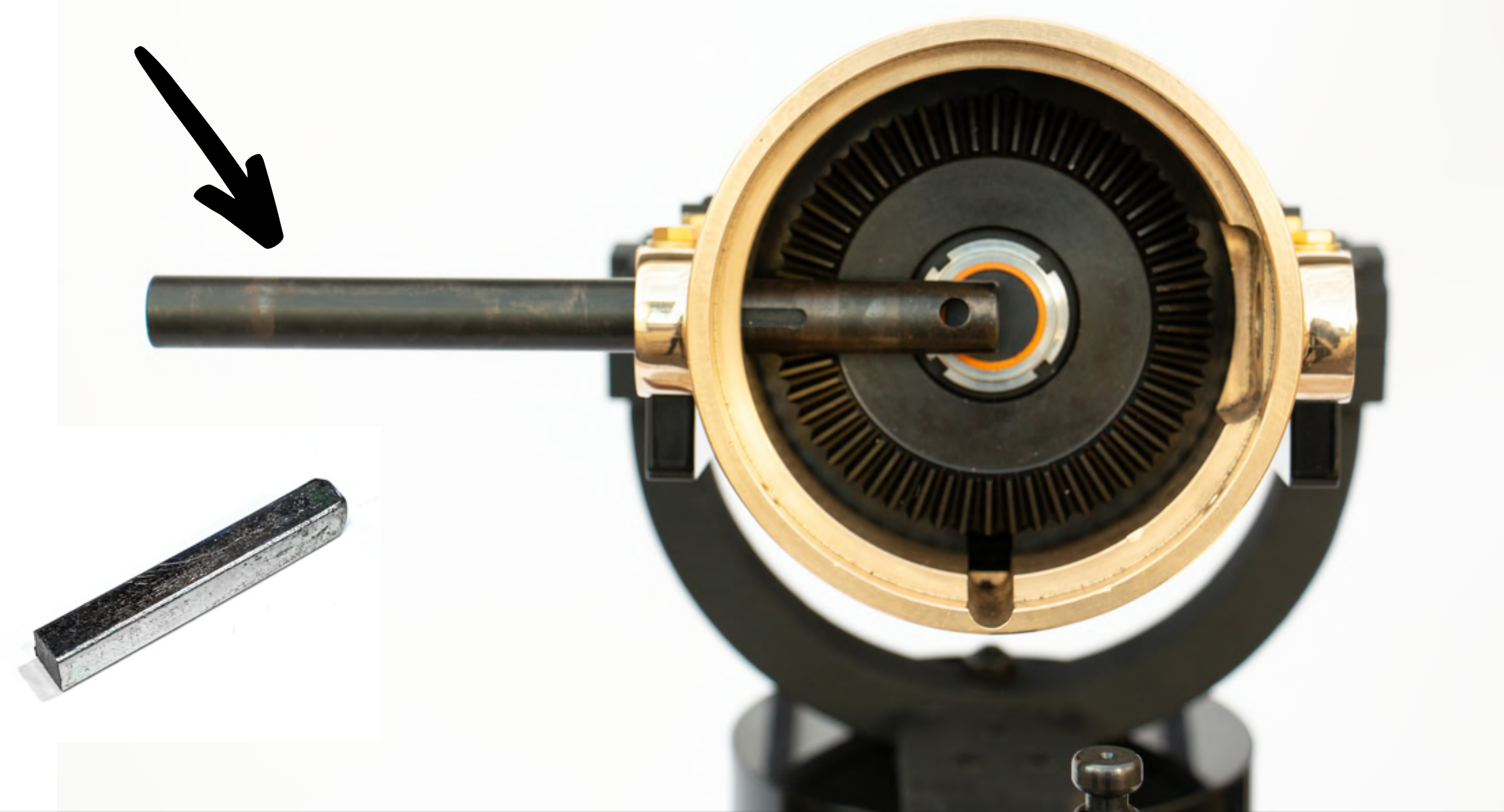
1 LOOSEN PINION GEAR

Use the 1/8" allen wrench to loosen the 1 set screw that retains the pinion gear. It is not necessary to totally remove it from the gear.



2 REMOVE PINION GEAR

Gently tap on the crank handle end of the cross shaft with a rubber mallet. As soon as the shaft is far enough toward the left side, remove the pinion gear and the 3/16" key.

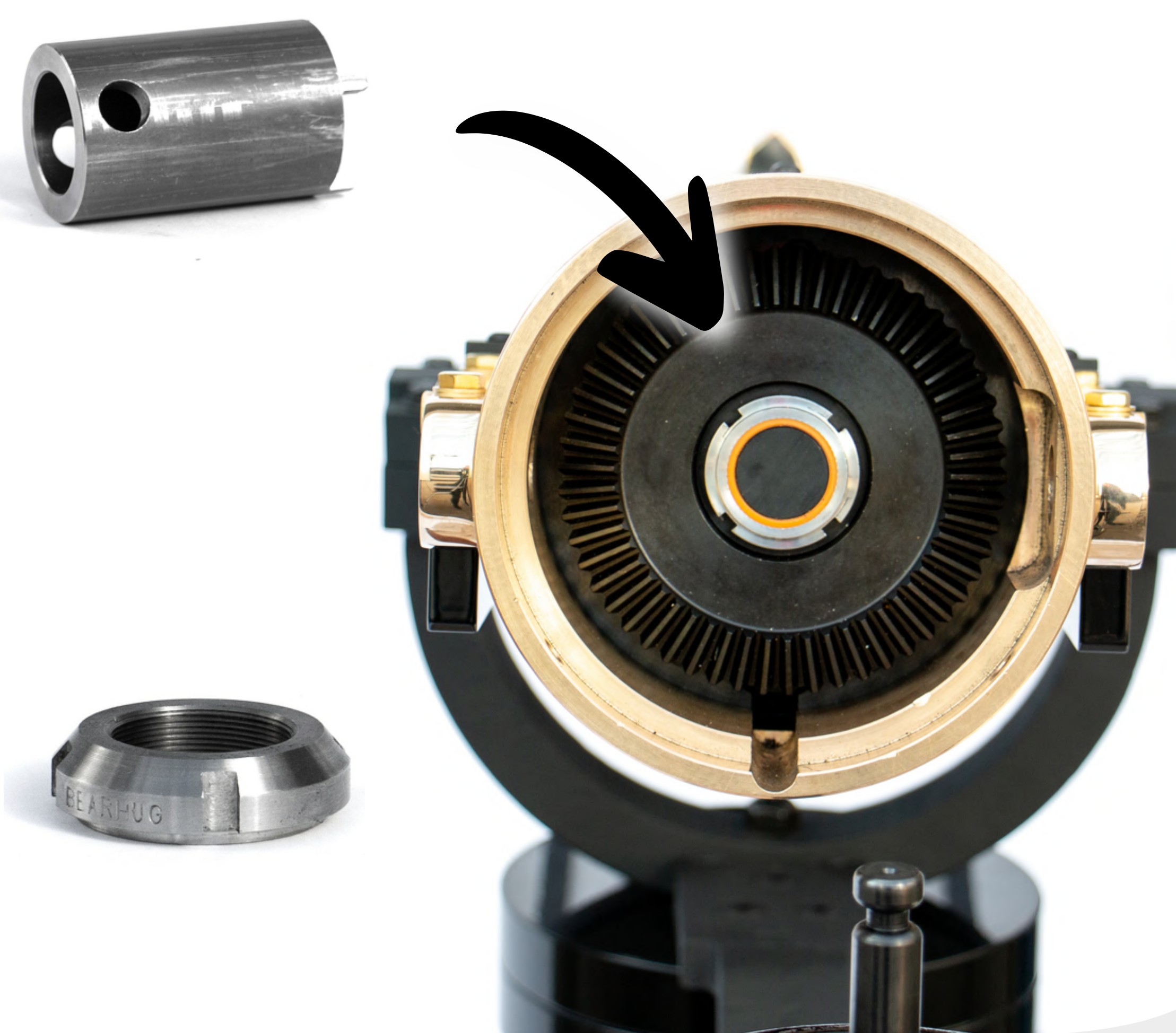


3 REMOVE LOCK NUT

Remove the retaining lock nut using the special spanner wrench provided. Be sure to note that about 1/8"-3/16" of threaded shaft sticks out beyond the nut when fully tightened in place.

This will be important on reassembly. It will be necessary to hold the barrels or wedge them with some non-marring brace in order to loosen the nut. On reassembly, it will again be necessary to hold the barrels firmly.

Now the gear can be pulled off. This is done with a finger on each side, gently rocking it back and forth. There is another 3/16" key holding the gear in place. Remove it also, for safe cleaning.



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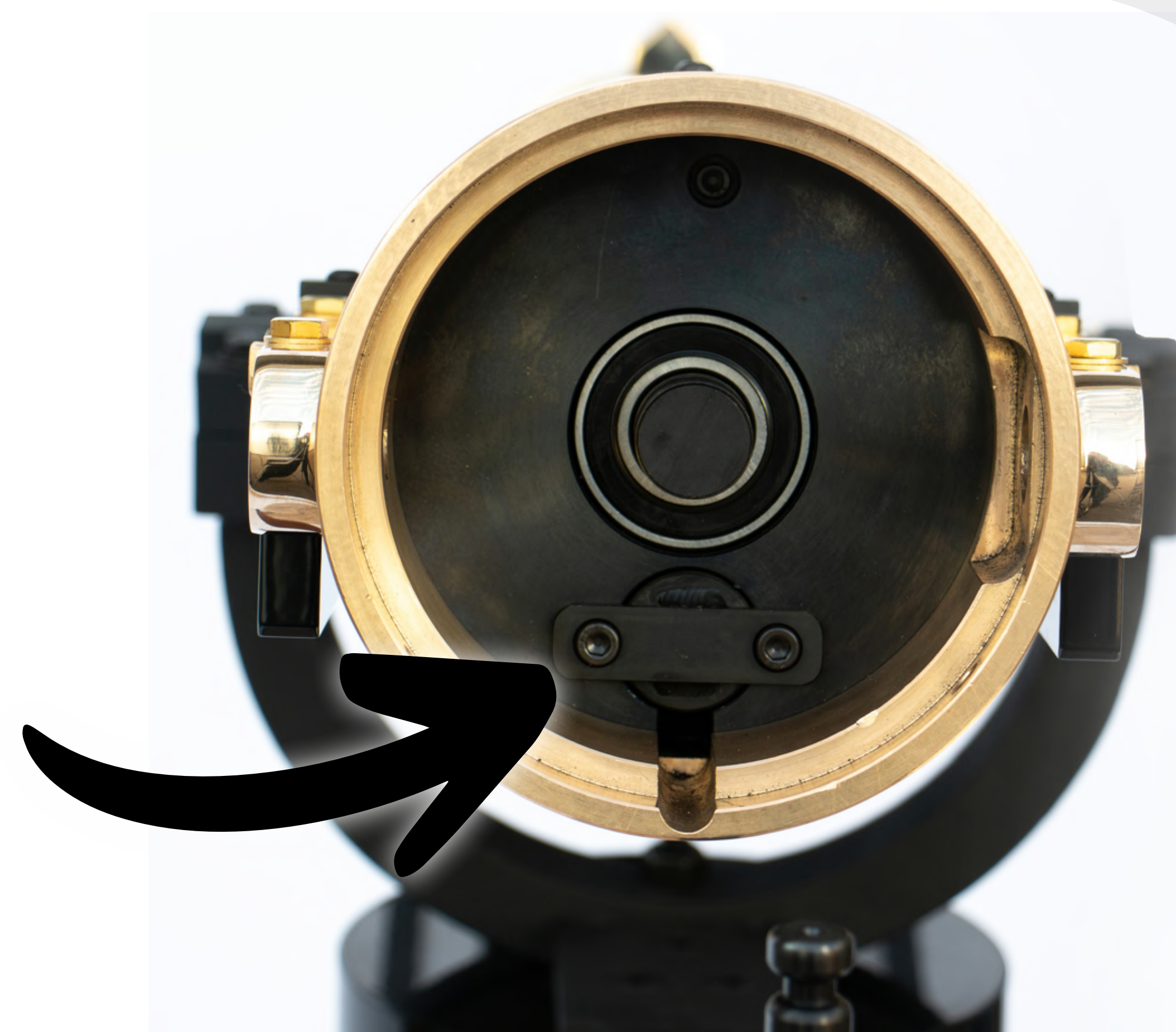
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DISASSEMBLY FIRE PIN CLEANING

4 REMOVE ACCESS COVER

Remove the access cover; not the seal.

The back of the gear provides the surface that closes this area off. Great care must be used when pulling and replacing the gear as to NOT damage the seal as it protects the thrust bearing that the entire gun mechanism runs on.



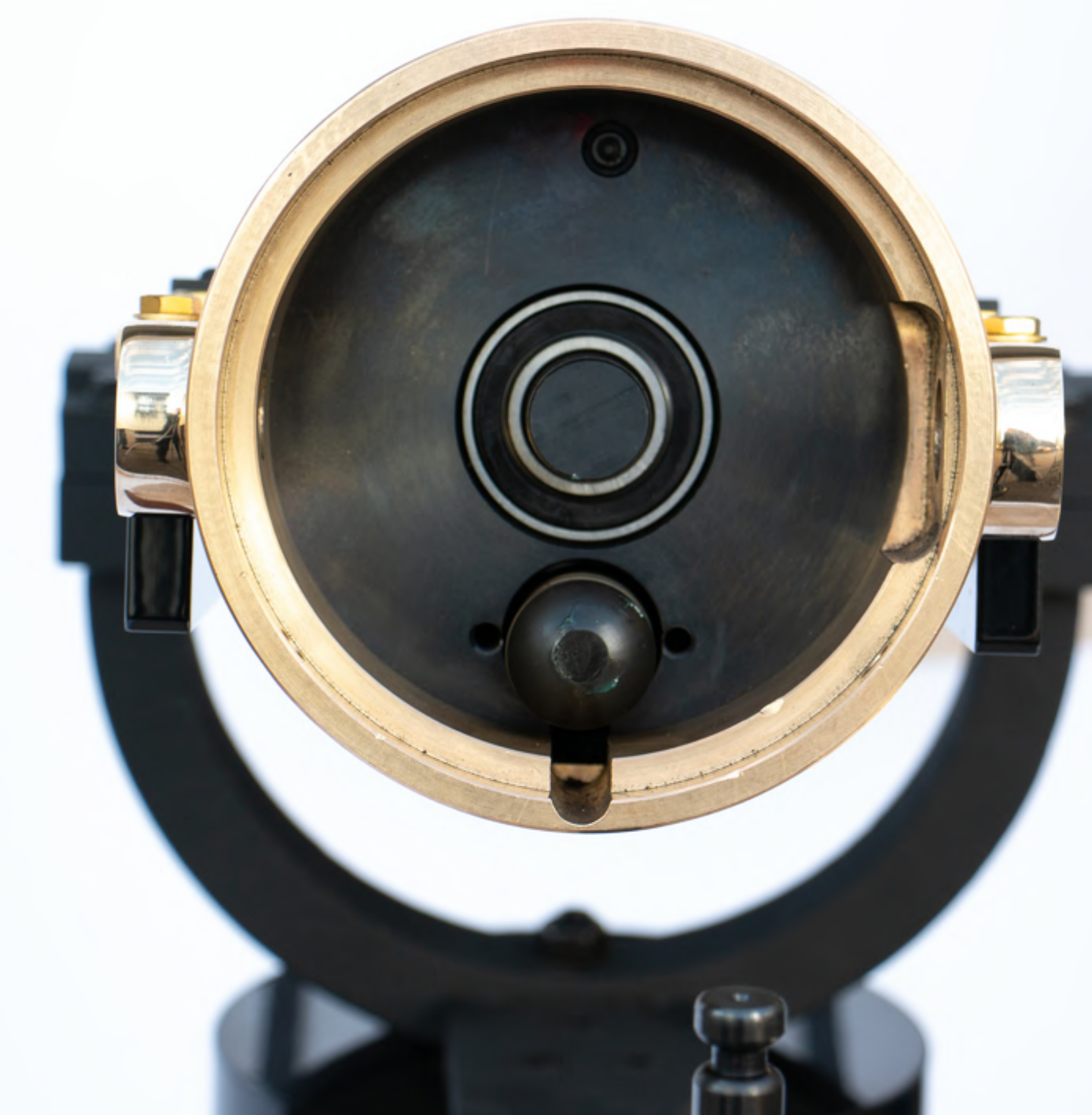
5 REMOVE FIRING PINS

As you slowly rotate the barrels by hand, the firing pin mechanisms will pop out of the access port one at a time. If a firing pin mechanism hangs up, you can push it from the front of the body using a pencil or other non-marring rod.

Reassembly Notes:

The cam pin must be oriented to track down the broached slot at the bottom of the body.

Apply grease to the rear cap of the firing pin before reassembly.



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DISASSEMBLY FIRE PIN CLEANING

FIRING PIN COMPONENTS



Cap



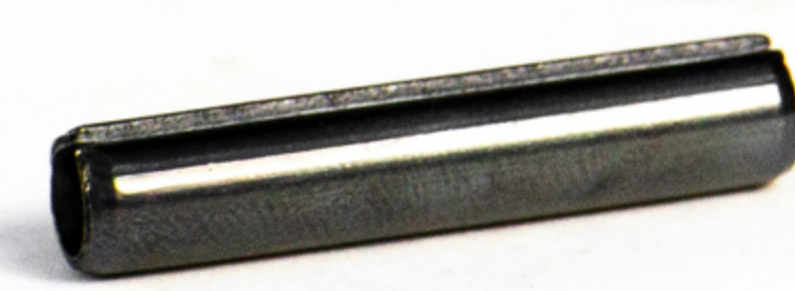
Firing Pin Carrier



Set Screws



Cam Pin



Return Spring



Firing Pin



Firing Pin Body



DISASSEMBLY FIRE PIN CLEANING



1 REMOVE SET SCREWS

Begin the disassembly process, by pulling the return spring away from the cap end with your fingers.



Using the 1/16" Allen Wrench, remove the 2 set screws found at the body at the cap end.

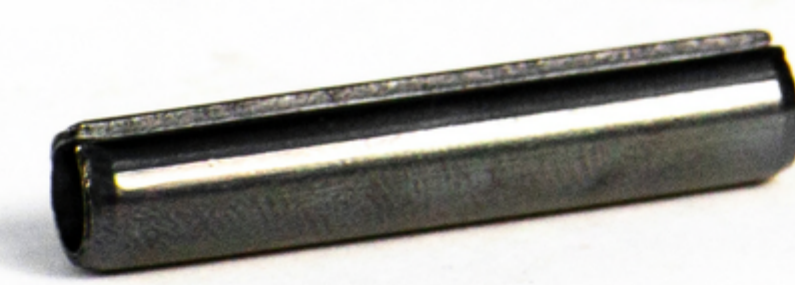


REMOVE FROM CARRIER 2

Place the carrier in a vice, making sure the clamp body of the bolt squarely sits in the vice to not mar either face during the disassembly or reassembly.

To remove the firing pin from the carrier, drive the cam pin out. It is very important to allow the rear portion of the bolt to stick out of the cap end of the body; otherwise, the cam pin will not align with its drive hole.

Use a 1/4" roll pin drift to drive the cam pin out.



3 SOAK IN SOLVENT



Powder residue eventually builds up on the case of the carrier, the face of the bolt, the firing pin hole in the face of the carrier and on the inside of the carrier behind the hole.

These areas must be thoroughly cleaned to maintain satisfactory performance.

Overnight soaking in solvent is best.

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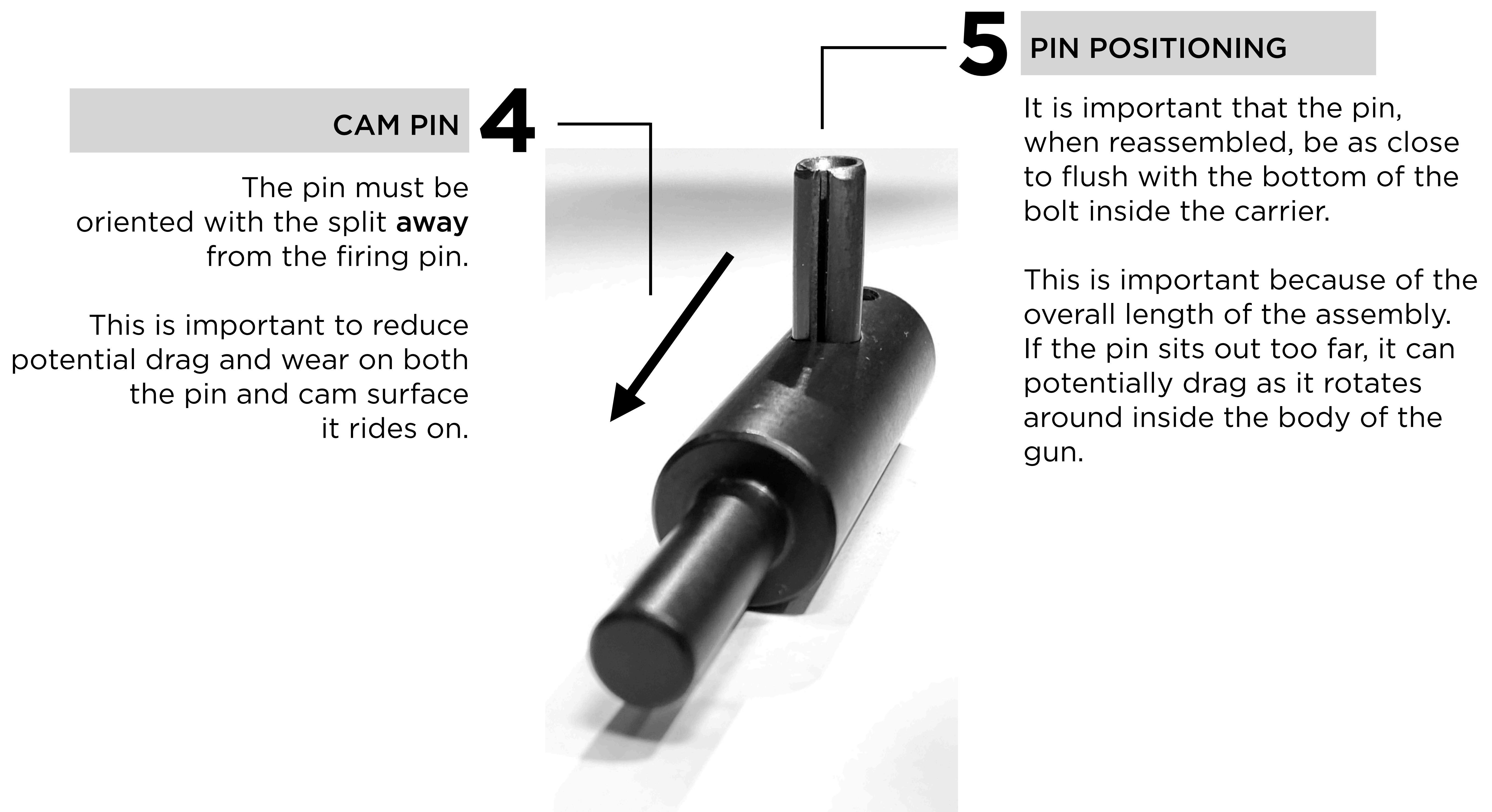
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DISASSEMBLY FIRE PIN CLEANING

The cam pin has 2 noteworthy features that must be addressed during the reassembly of the bolt.
(Note: the pictures show these features outside of the carrier for clarity.)



CAM PIN

4

The pin must be oriented with the split **away** from the firing pin.

This is important to reduce potential drag and wear on both the pin and cam surface it rides on.

5

PIN POSITIONING

It is important that the pin, when reassembled, be as close to flush with the bottom of the bolt inside the carrier.

This is important because of the overall length of the assembly. If the pin sits out too far, it can potentially drag as it rotates around inside the body of the gun.

For reassembly, simply reverse the order of instructions.

Be sure to apply grease to the tops of the caps before insertion into the access port and grease the face of the gears when reinstalling.

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TRIPOD SPECS WEIGHT AND DIMS

250 lbs



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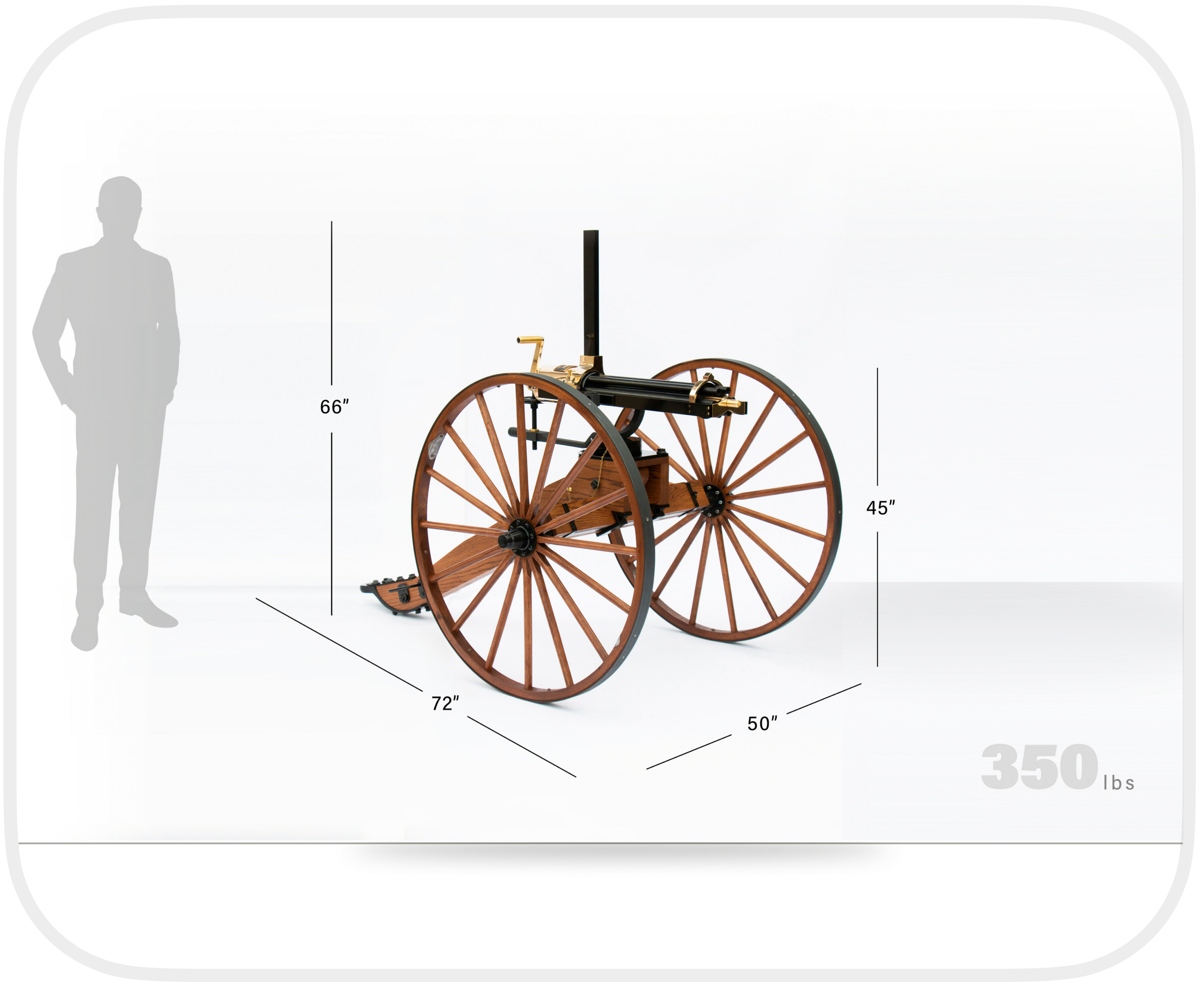


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CART SPECS WEIGHT AND DIMS



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