



BACKYARD 3/4 COCK SINGLE TRAP

MODEL: BY56

INCLUDED PARTS



Trap Head Carriage



Pivot Mount



Main Spring and Spade Bolt



Throwing Arm



Legs



Safety Ring Arms



Counterbalance



Seat Post with Hitch
Receiver Adapter



Handle & bolts



Safety Ring



Bolt and Nut for
Trap Head



Front tube



Allen Bolts, Lock
Washers and Flat
Washers for
Counterbalance and
Arm



Trigger
Assembly



Clay Clip



Seat



Bolts for Legs



Allen Bolts for
Safety Ring Arms



Safety Ring Clips



Bolts and Nuts for
Frame assembly



Wrench



Nut for connecting Trap
Head to Front Tube



STEP 1



Attach the Pivot Mount (on the bottom of the Trap Head) to the front of the Front Tube, which has a built-in bolt. Set the Trap Head on the Tube Frame, with the bolt going through the Pivot Mount. Then, secure using the remaining nut.



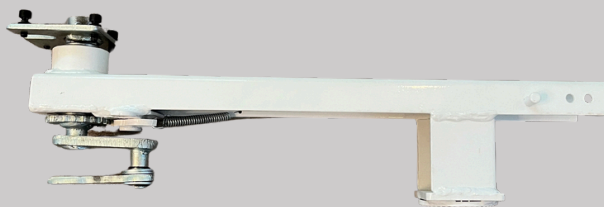
STEP 2



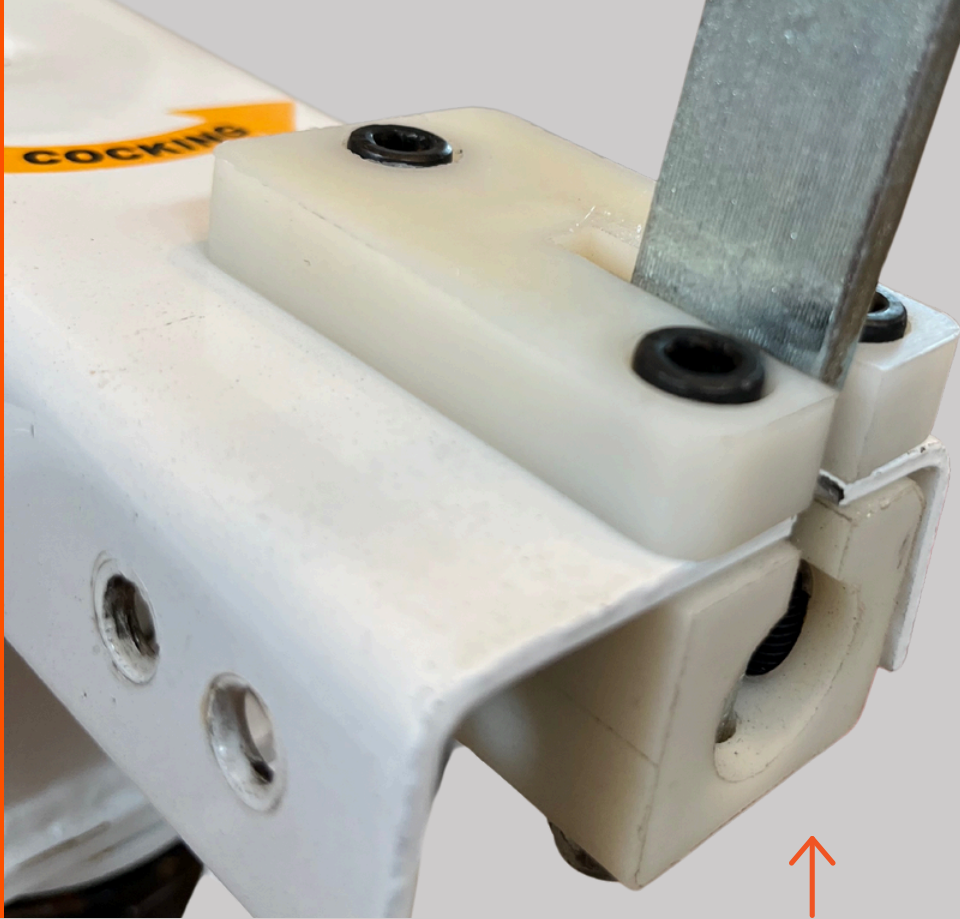
Next, attach the Pivot Mount below the Trap Head using the provided Large Bolt and Nut. slide the bolt through the hole in the Trap Head, then through the top of the Pivot Mount, and secure by tightening the Nut below using the provided wrench.



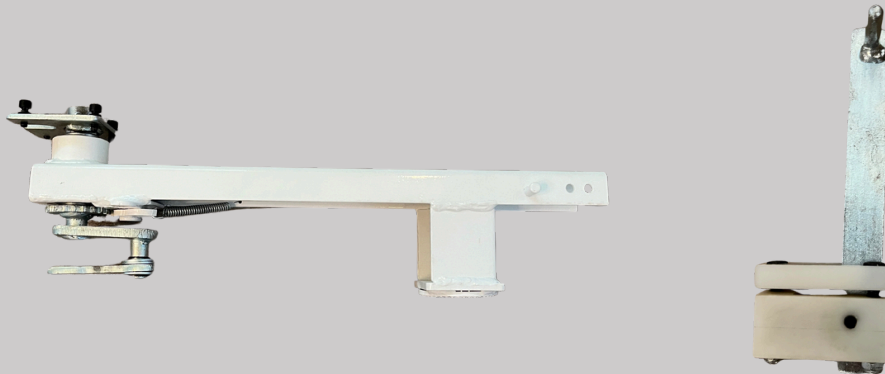
STEP 3



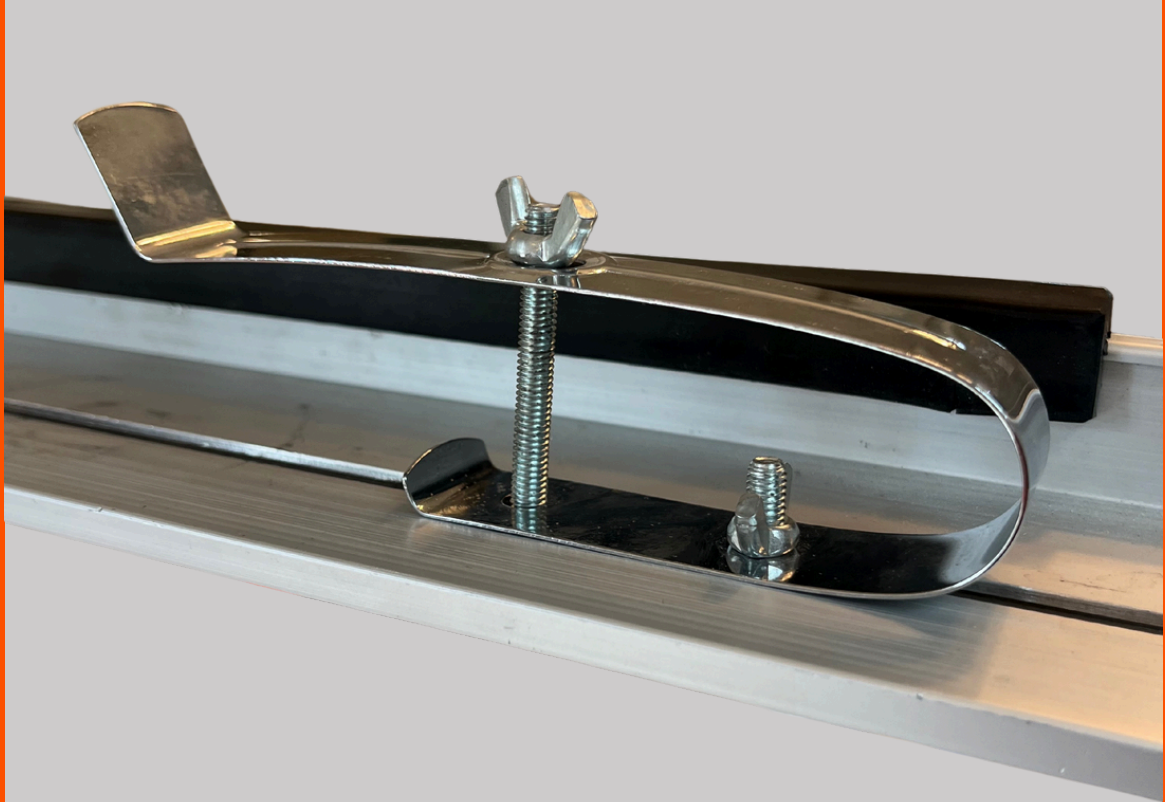
Place the paddle-shaped counterbalance on the arm, aligning all pre-drilled holes. By using the allen screws, attach the throwing arm and counterbalance to steel mounting plate and secure tightly with allen wrench.



STEP 4



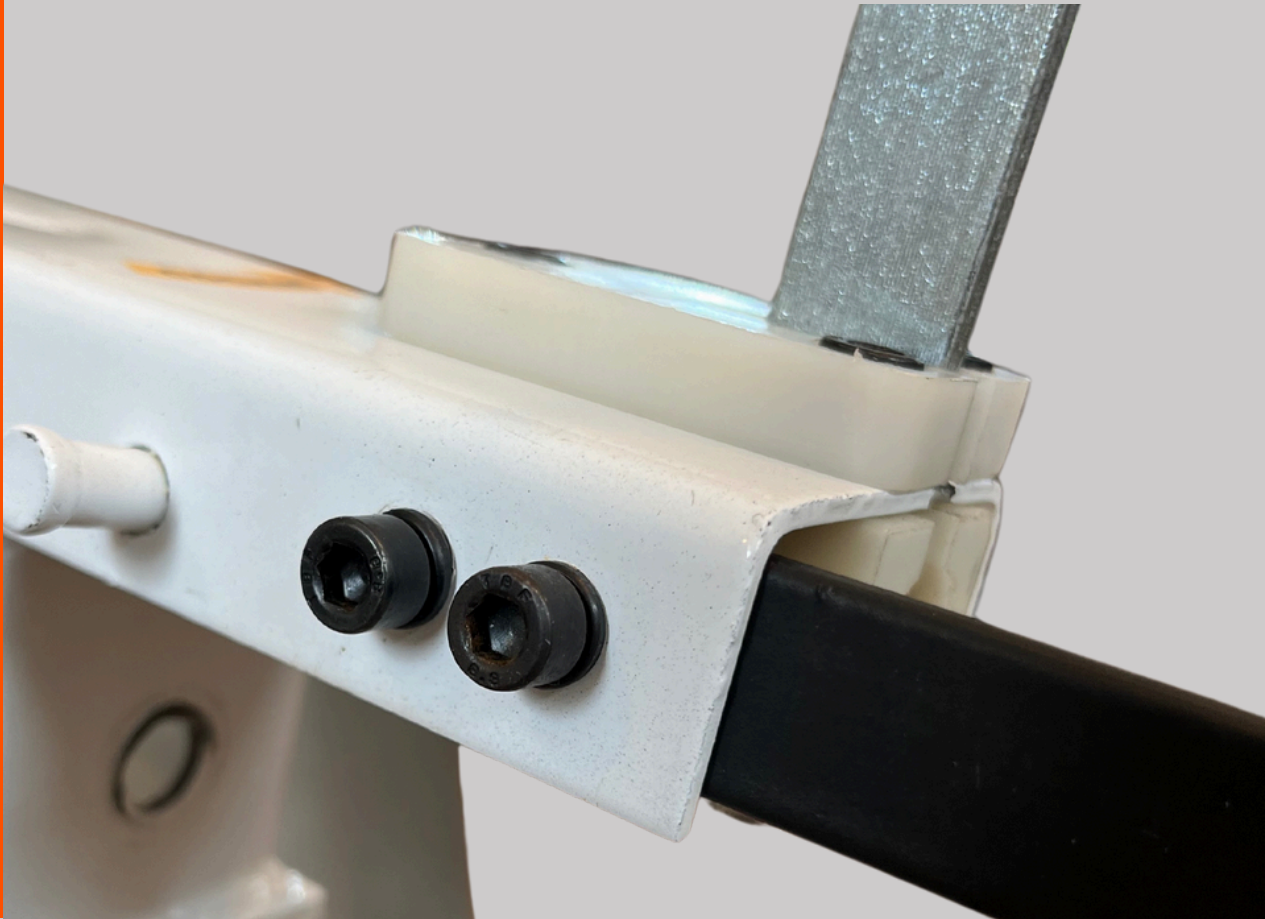
Attach Trigger by separating the 2 parts of the trigger block. Slide trigger facing up into slot in the back of the trap head with the small part of the block on top of the trap head and the large piece below. Tighten the bolts securely through the block using the nuts underneath.



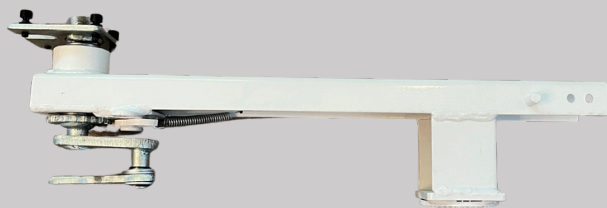
STEP 5



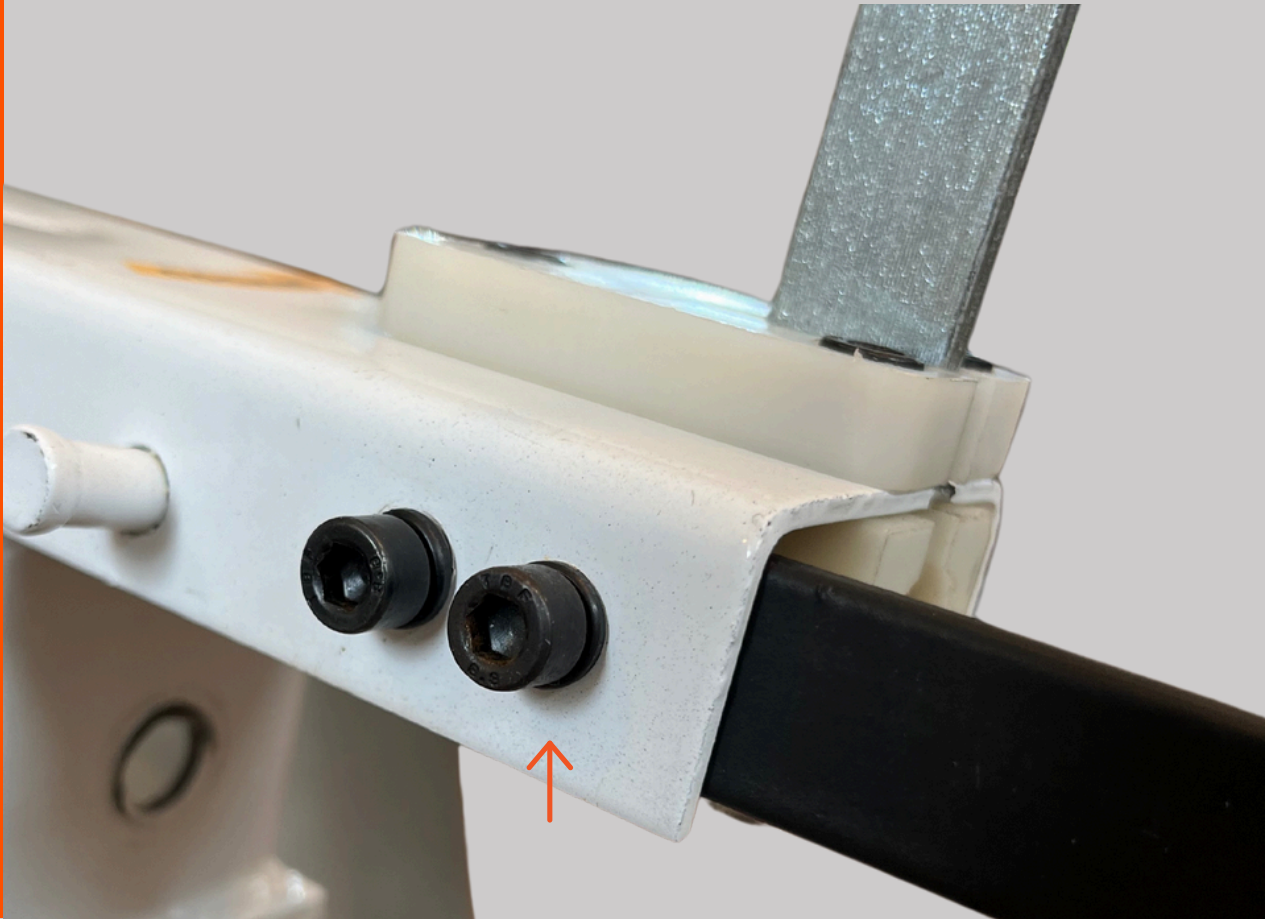
Slide Clay Clip onto throwing arm as shown above.



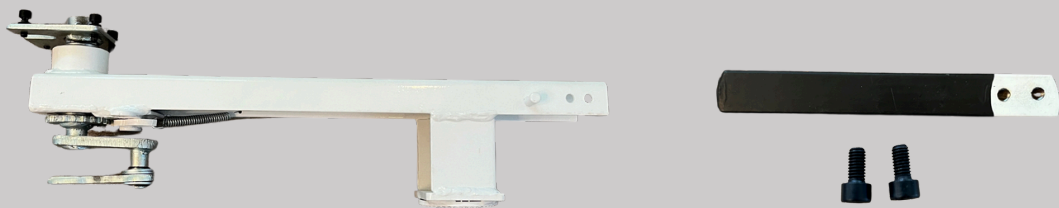
STEP 6



Attach handle to inside of trap head by screwing allen bolts through trap head into handle. Tighten securely.



STEP 7



Attach handle to inside of trap head by screwing allen bolts through trap head into handle. Tighten securely.



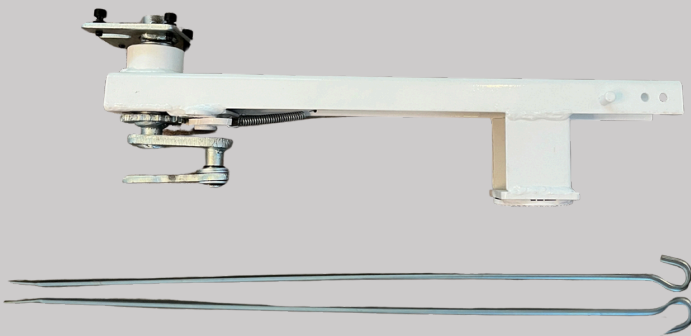
STEP 8



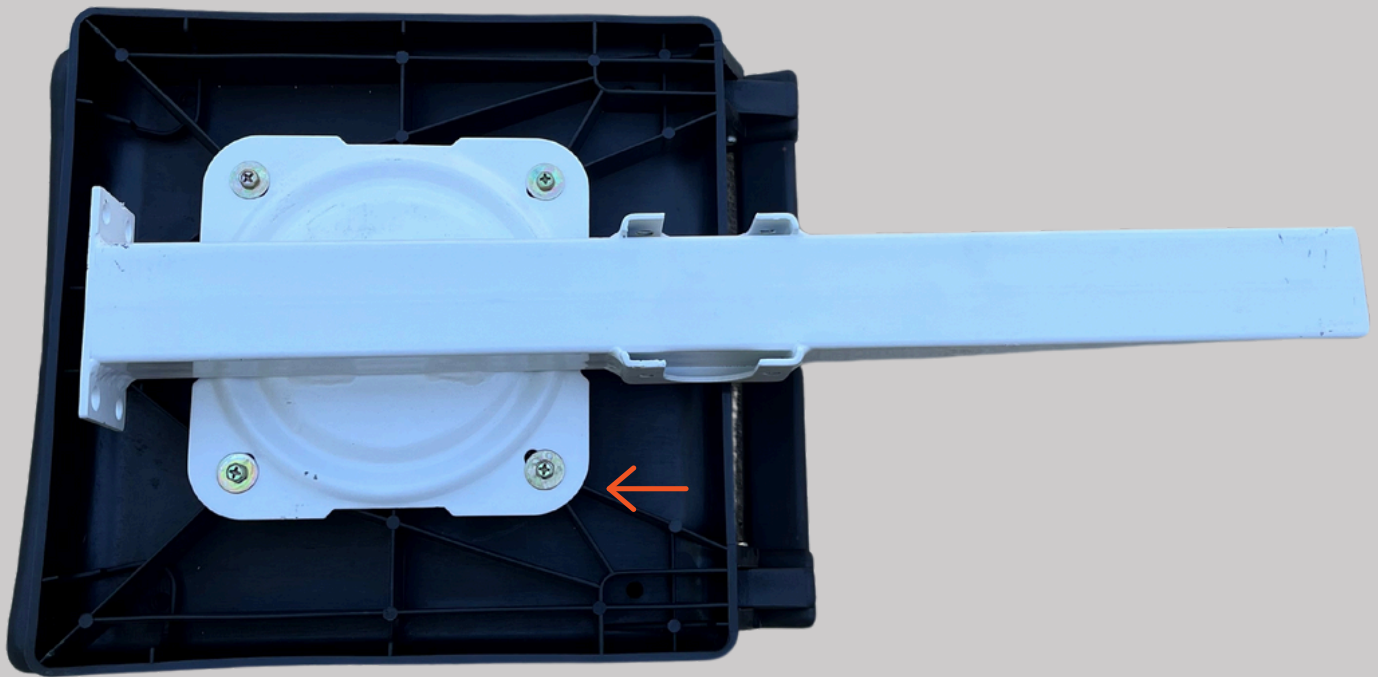
Rotate the arm counter clockwise into the 1 o'clock position. Hook the black main spring into the silver swiveling spring hook, which is attached underneath the throwing arm/clutch pivot point. At the narrow end of the black main spring, screw one of the provided 1/2" nuts onto the threaded 1/2" bolt about 1" deep. Pull the threaded 1/2" bolt through the hole at the back of the trap head carriage. Now screw on the other 1/2" nut with the provided wrench until the two nuts meet. **It is NOT necessary to tighten the spring all the way for optimum speed and distance



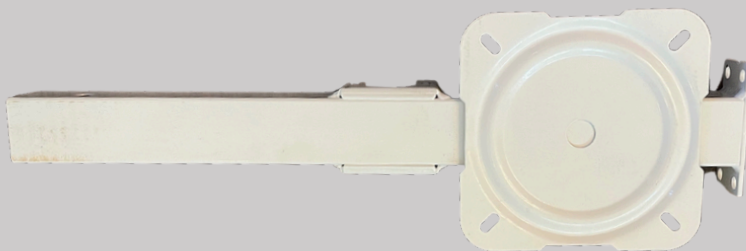
STEP 9



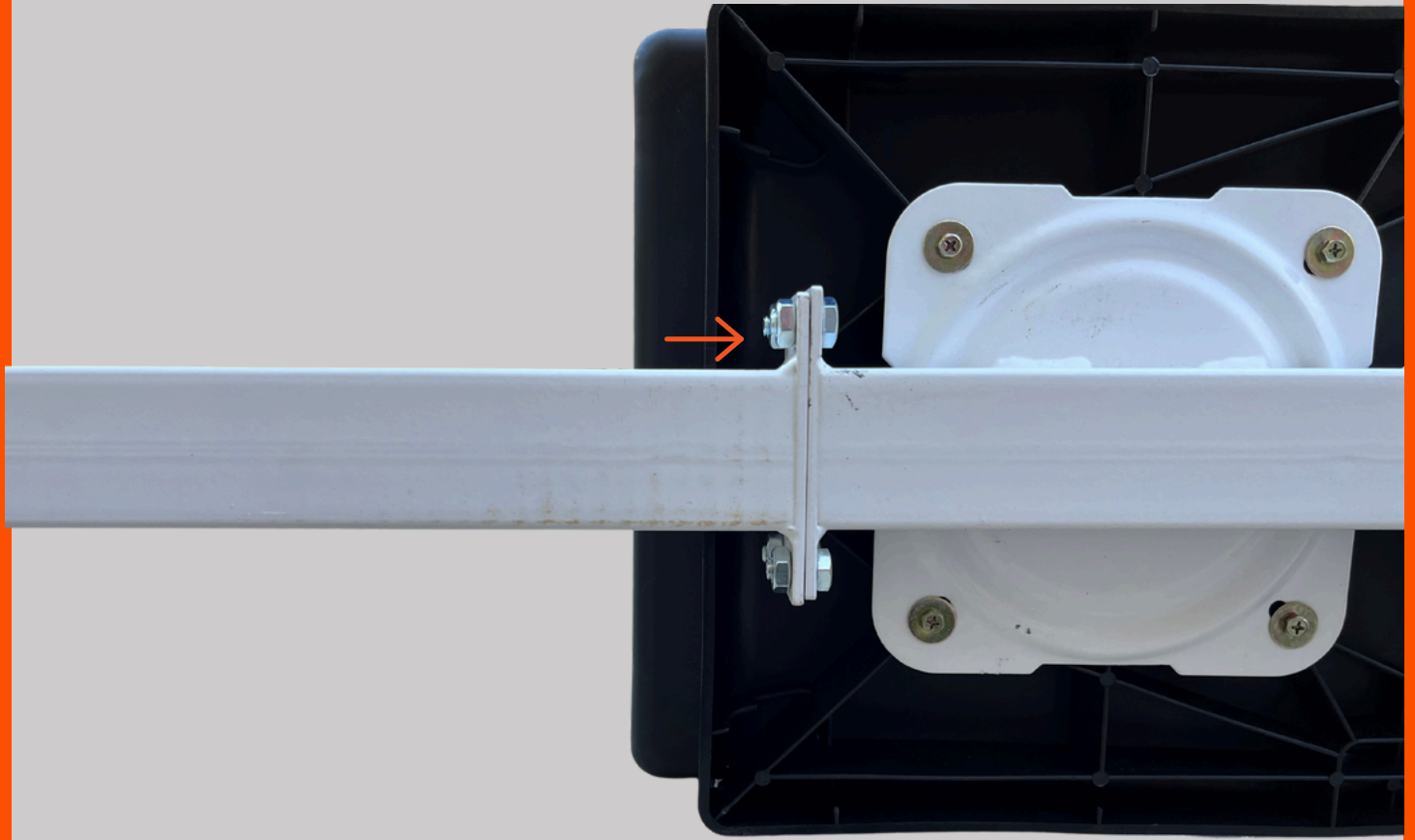
To attach safety ring, attach the ring brace arms using allen screws. Pinch arms of the safety ring clips and slide them over ends of safety ring. Push ends of ring guard over posts on trap head and slide safety ring clips down over safety ring and post to secure. Secure with brace arms so safety ring will show the path of the throwing arm



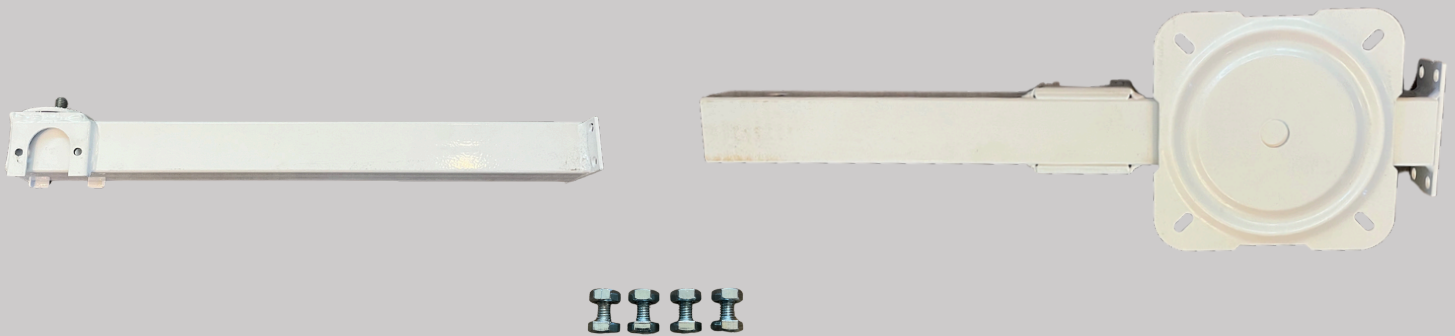
STEP 10



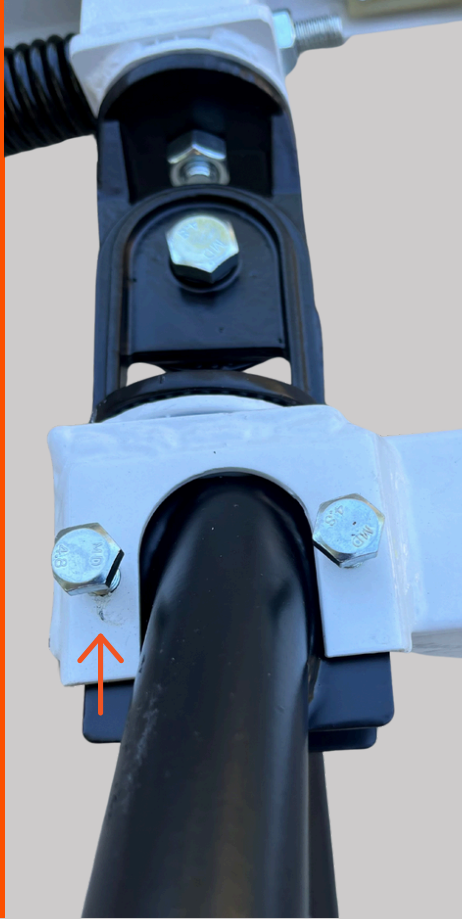
Begin assembling the Frame: Take Seat and position onto the Seat Post making sure the seat back folds toward the hitch receiver end of the Post. Secure the seat to the seat plate by using the 4 self tapping screws.



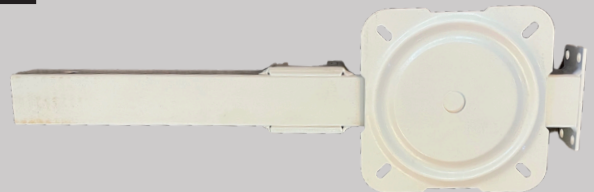
STEP 11



Place the Front Tube onto the Seat Post and secure using 4 of the provided Bolts and Nuts.



STEP 12



Take the four support legs and slide them into the four leg brackets. Note that the predrilled holes at the end of each leg are the feet and not the mounting brackets. Therefore, the square plates with holes should be the end that will be sitting on the ground. These holes are provided if you want to mount your trap frame to a solid surface or platform.



THANK YOU

Ensure all hardware is tightened.

Once the Main Spring is installed, the thrower is live. Please refer to operation and warnings on the next page.

OPERATION

1. Position trap in desired location suitable for shooting trap.

ALWAYS MAKE SURE YOU POINT THE TRAP IN A SAFE DIRECTION AWAY FROM BYSTANDERS, TREES, OR ANIMALS WITH AT LEAST A 400 METER OPEN FIELD/SHOT FALL ZONE.

2. Elevation can be adjusted by loosening the bolt in the middle of the Pivot Mount and then tightening once adjustment has been made. Direction can be adjusted by loosening the Large Nut below the Pivot mount. When desired elevation and direction is achieved, hand tighten both nuts.

NEVER ADJUST THE TRAP WHILE IT IS COCKED!

4. With the throwing arm in the 12 o'clock position, place a clay pigeon under the clay pigeon clamp and rotate clockwise until it reaches the 6 o'clock position and locks into the trigger. **BE SURE TO TEST THROW PRIOR TO CONTINUOUS USE TO ENSURE TRAP IS IN GOOD WORKING ORDER.**

5. With the shooter positioned to the left of the trap, pull the string on the handle to release the arm to throw the clay.

TROUBLESHOOTING

Clay pigeons only throwing a short distance -

Make sure the Trap is firmly secured and wont move or bounce.
Tighten the nut on the spring which will increase arm swing speed.

Clay pigeons breaking during use -

Clay pigeon clamp is too close to the trigger. Un-cock the machine and loosen the wing nut and slide the clamp forward on the arm. Re-tighten wing nut.

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