DO ALL OUTDOORS



FLYWAY 50

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INCLUDED PARTS



Handle, mounting bracket and (2) M8X45MM hex bolts with (4) metal washers and (2) nuts



1 Axle with (2) M10X15 Bolts and (2) metal washers
2 Polymer Wheels with C Clips to attach to Axle



Trap Head Base with (4) M10X15 Bolts and (4) metal washers to connect Trap Head to Base



Trap Head



(2) Safety Ring Arms and (4) M6X7 Allen Screws



Main Spring and Spade Bolt



Stacker Poles



Stand with 2 Thumb Screws



Foot Pedal



Wireless Remote



(2) Horseshoes and (4) 1/4" x 1/2" bolts

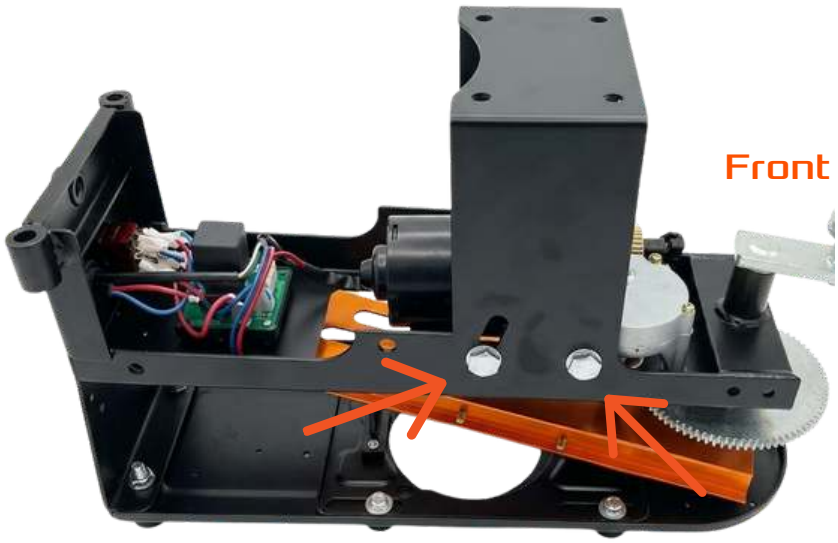


Safety Ring

TOOLS NOT INCLUDED



(2) M8X10 Studs

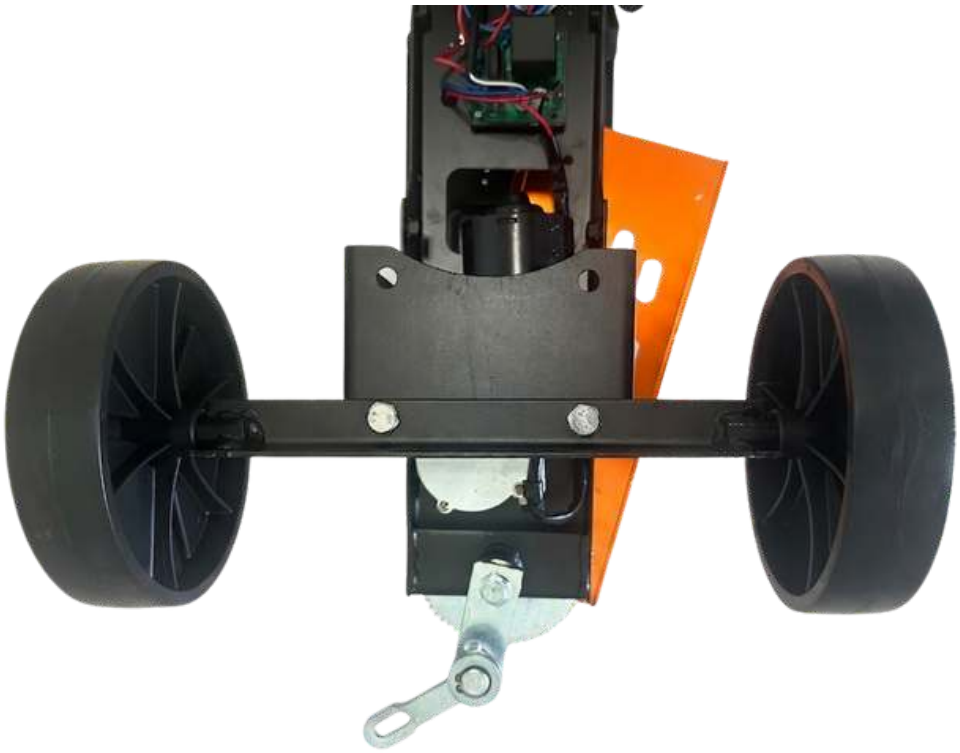


STEP 1





While the trap is still upside down, attach the Trap Head to the Trap Head Base using the (4) M10X15MM bolts and (4) washers.
(In order: Bolt, trap base, washer, trap head)



STEP 2





Slide the wheels over the axle pins and secure with the included C clips.
While the trap is still upside down, bolt the axle to the Trap Head Base using (2) M10X15MM hex bolts with (2) washers and (2) nuts. Push the bolt through the trap base and the axle, secure with a washer, followed by a nut.



STEP 3



Secure the Handle to the Handle Bracket using the (2) MX8X45MM Hex Bolts, (4) washers and (2) Nuts

Flip the Trap right side up sitting on the wheels. Remove the (2) hex bolts from the top of the trap housing and attach the Handle Bracket. Re-secure the nuts onto the bolts.

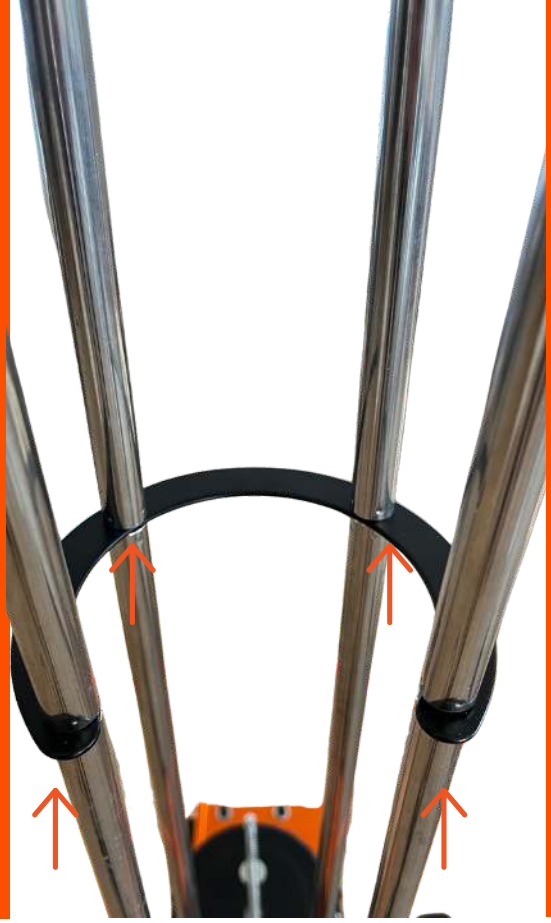


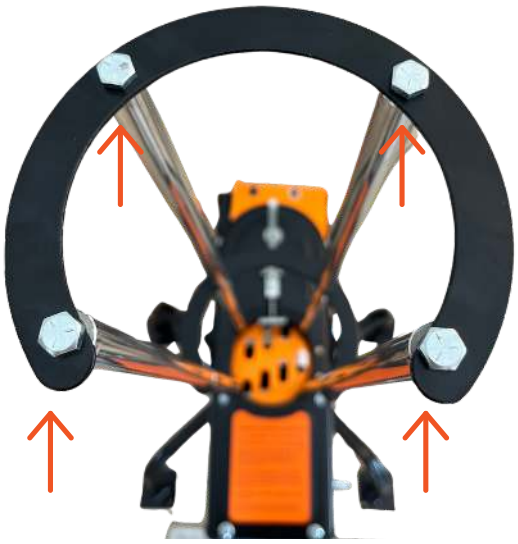


STEP 4



With the Trap now standing upright, remove the (4) rubber caps on top of the Trap Head, then slide each of the 4 Stacker Poles with female threads on one end and an opening on the other end onto the now exposed mounts.





STEP 5







Place the first horseshoe with the opening facing the rear of the trap on top of the installed stacker poles. Thread the male end of the remaining 4 poles through the horseshoe into the long poles and tighten. Place the last horseshoe facing the rear of the trap on top of the pole setup and thread the 11MM screws through the horseshoe into the poles and tighten.



STEP 6





Insert the stand assembly into the holes in the back side of the trap body and secure using the Thumb Screws. You can adjust the height of this during use to change the angle of the throw without having to adjust the trap head assembly.

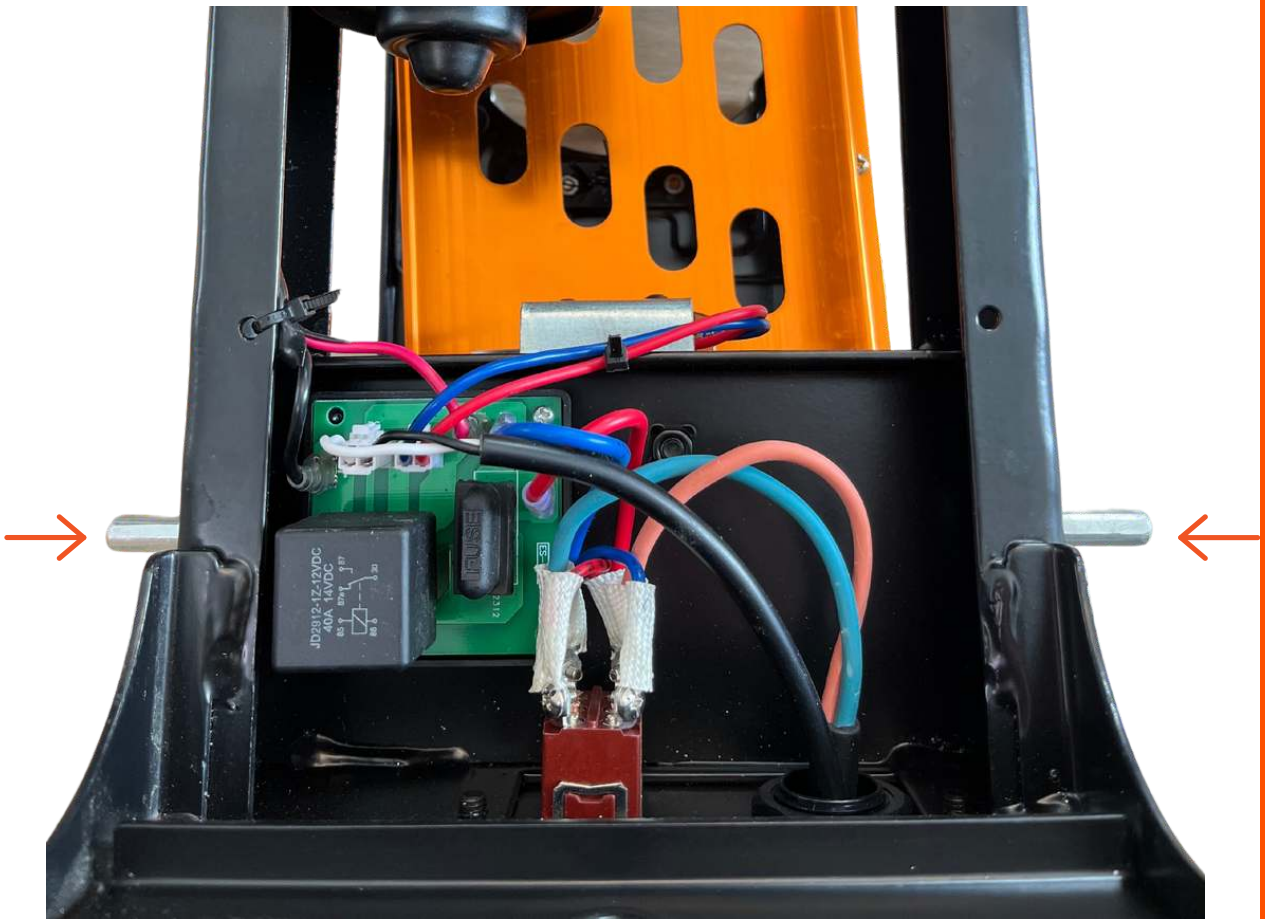


STEP 7





Now, rotate the throwing arm out to the 12 o'clock position as depicted above. Hook Main Spring onto the eyelet towards the front of the Trap Head. Remove the thumb screw nut and slide the Spade Bolt through the hole in the rear of the trap. Then, secure the nut back onto the Spade Bolt. Tighten until 3-4 threads are exposed on the rear of the Spade Bolt. Use this as a starting point for your trap, tighten or loosen to desired tension after testing the trap's throw once the remaining assembly is complete.



STEP 8





Thread in the studs for the safety ring, which thread, by hand, from the outside in on each side of the rear of the trap, as shown above.



STEP 9







Install Safety Ring Arms (pointing forward, in the direction that the arm will throw the clays) using the (4) provided allen head screws. Secure the bolts with a 6mm alen wrench.





STEP 10





Slide the Safety Ring through the Safety Ring arms and connect to each of the M8X10 Studs towards the rear of the Trap.



THANK YOU

ONCE THE MAIN SPRING IS INSTALLED, THE TRAP IS NOW LIVE AND CAN GO OFF IF LEFT IN THE COCKED POSITION. PLEASE USE EXTREME CAUTION AND ALWAYS REMOVE SPRING WHEN TRANSPORTING, ADJUSTING, OR STORING THE TRAP.

Trap Operation

1. Make sure deep cycle battery (not included) is fully charged. Before clamping trap alligator clips to battery, make sure the toggle switch on the trap is set to off. **NEVER CARRY TRAP BY THROWING ARM - THIS CAN BEND AND AFFECT PERFORMANCE!

2. Connect foot pedal or included wireless remote to the corded 3 prong plug coming out of the trap. If utilizing the remote you will also need to connect the receiver to the battery in the next step. **NEVER PLUG THIS INTO A WALL.

3. Connect red alligator clip to the positive battery post and the black alligator clip to the negative battery post.



4. Flip the toggle switch on the trap up to "disarm." Once arm moves to 12 o'clock position, turn the machine back off and load STANDARD SIZE CLAYS ONLY into the stacker tube assembly. Once the trap is loaded, you can flip the toggle switch down to "on." The arm will rotate counter-clockwise and automatically load a clay onto the throwing arm. THE TRAP IS NOW COCKED. PLEASE USE EXTREME CAUTION.

5. ALWAYS set trap up pointing away from bystanders, trees, and animals with a recommended 400 meter open field/shot fall zone. Always look over the trap for damage and test throw a few clay pigeons before use to make sure the trap is operating properly. NEVER ADJUST TRAP WHEN COCKED AND IN FIRING POSITION!!!

6. With the shooter/bystanders standing to the left or behind the trap, press the foot pedal to throw the clay!

7. When you are done shooting, switch the toggle switch to disarm, hold the foot pedal down until the throwing arm reaches 12 o'clock, and turn the toggle switch to off. The trap is now safe to unload/move.

Wireless Remote Instructions



1. The first step to utilizing your wireless remote is connecting the receiver to the trap. Power down the trap and ensure that the machine is turned OFF and the throwing arm is DISARMED
2. Once you are sure the trap is safe, connect the Remote Receiver to the Trap utilizing the 3 Prong Remote. This is the same connection used to operate the trap with a foot pedal. Note: you must choose either the foot pedal to or the remote, they cannot be utilized at the same time.
3. Connect the Remote Receiver Battery Connectors to the correct terminals of the 12V battery that is being utilized to operate the trap.
4. Once you have power to the remote receiver it is time to pair the trap to the button that will activate the trap.
5. Press and Hold the Program button on the Remote Receiver box for one second until the indicator light stays lit.
6. While the button is lit press and hold the selected button (A or B) on your remote. The receiver light will flash to confirm the pairing was successful.
7. You are now able to operate the trap with the remote. You can now power on the trap and begin throwing clays.

BATTERY SPECIFICATION AND SAFETY

- This device requires one (1) 27A 12v Alkaline Battery
- Ensure the battery is installed with the correct polarity (+/-) as indicated inside the battery compartment
- Remove the battery if the device will not be used for an extended period
- Keep batteries out of reach of children. Dispose of used batteries promptly according to local regulations

Troubleshooting

ALWAYS REMOVE MAIN SPRING PRIOR TO TROUBLESHOOTING

MACHINE NOT TURNING ON

1. CHECK BATTERY CONNECTION. THE MACHINE DRAWS 16 AMPS TO WORK PROPERLY. WE RECOMMEND A DEEP CYCLE BATTERY WITH A MINIMUM OF 675 COLD CRANKING AMPS.

2. CHECK THE 15A AUTOMOTIVE BLADE FUSE IN THE REAR OF THE TRAP HEAD. REMOVE THE COVER AND PULL THE FUSE OUT TO INSPECT. REPLACE AS NEEDED.

3. CHECK RELAY. PLEASE EMAIL OR CALL CUSTOMER SERVICE IF ISSUES CONTINUE.

AUTO FIRING/NOT FIRING

1. IF THE TRAP CONTINUES TO FIRE, UNPLUG THE FOOT PEDAL. IF IT STOPS, THE SCREWS ON THE FOOT PEDAL NEED TO BE LOOSENED TO DEPRESS THE PEDAL DURING OPERATION.

2. IF FOOT PEDAL ISSUES CONTINUE, PLEASE SEE OUR TROUBLESHOOTING PAGE ON OUR WEBSITE FOR TESTING YOUR FOOT PEDAL.

3. ONCE YOU HAVE ESTABLISHED YOUR FOOT PEDAL IS NOT THE ISSUE, MOVE ON TO THE LIMIT SWITCH. IF YOUR TRAP CONTINUES TO AUTO FIRE, USE A 2.5MM ALLEN WRENCH TO LOOSEN THE ALLEN SCREW AND ADJUST THE LIMIT SWITCH UP SO THE ARM WILL TRIGGER THE LIMIT SWITCH EARLIER TO STOP THE ARM FROM CONTINUOUS FIRING

4. IF THE TRAP WILL NOT FIRE AND COINCIDES WITH THE LIMIT SWITCH, THIS MEANS THE ARM IS STOPPING TOO SOON. THE LIMIT SWITCH NEEDS TO BE ADJUSTED DOWN AND THEN RECHECKED TO ENSURE PROPER FIRING

5. A GOOD RULE OF THUMB FOR ARM PLACEMENT WHEN LOADED IS TO MAKE SURE THE CLAY LOADS BETWEEN 1/2 AND 1 INCH FROM THE RUBBER STRIP. IF IT'S FARTHER, THE ARM IS STOPPING TOO SOON.

BREAKING CLAY PIGEONS

1. MAKE SURE THE STACKER TUBE HORSESHOE OPENING IS FACING THE REAR OF THE TRAP. IF IT IS FACING FORWARD, REMOVE THE CLAYS AND TURN IT AROUND SO THE OPENING FACES THE BACK OF TRAP AND THE ARM SHOULD ALWAYS BE IN THE 12 O'CLOCK POSITION WHEN LOADING CLAY PIGEONS.

2. IF TRAP IS "JUMPING" AROUND WHEN THE ARM SWINGS, THIS COULD BREAK CLAYS IN THE STACK OR WHILE LOADING ONTO ARM. THE TRAP SHOULD BE SECURED USING STAKES (NOT INCLUDED) OR BY MOUNTING TO A BOARD OR PIECE OF PLYWOOD FOR STABILITY.

3. SOMETIMES WHEN THE STACK IS DOWN TO A FEW CLAYS, THE MOTION OF THE TRAP CAN THROW THE CLAY PIGEONS AROUND AND THEY BREAK. ONCE YOU GET DOWN TO 2-3 CLAYS LEFT, ADD MORE TO WEIGH DOWN THE STACK AND CONTINUE SHOOTING!

4. CHECK TO SEE WHERE THE BASE OF FEEDER BRUSHES ARE TO THE TOP OF THE CLAY ARM. THE MOUNTING HARDWARE SHOULD NEVER TOUCH THE TOP OF THE BIRD. IF THIS IS HAPPENING, THE ARM OR CHASSIS IS BENT

OTHER

1. IF THE CLAY IS FLYING WITH A WOBBLE, THE THROWING ARM IS BENT AND WILL NEED TO BE BENT BACK OR REPLACED. NEVER CARRY THE TRAP BY THE ARM.

2. IF THE MAIN GEAR AND MOTOR ARE MOVING BUT THE THROWING ARM ISN'T THEN THERE MAY BE AN ISSUE WITH THE CLUTCH ASSEMBLY. PLEASE REFER TO THE CLUTCH TEST INSTRUCTIONS ON THE TROUBLESHOOTING PAGE ON OUR WEBSITE.

3. ALWAYS CHECK THE GREASE ON MAIN GEAR & MOTOR SPROCKET. ADD SILICONE GREASE WHEN NECESSARY TO KEEP GEARS IN PROPER WORKING ORDER

Warranty & Customer Service

Register your product online at www.doalloutdoors.com. Receipt is required for warranty registration. ONE YEAR PARTS WARRANTY.

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Find tech tips, instructions, troubleshooting videos, and more online at doalloutdoors.com



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