



BACKYARD 3/4 COCK SINGLE TRAP THROWER

Model: BY56
Operating Manual



Throws Standard, Bio's, Mini's, Midi's, Rabbits & Battue's!

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**WARNING: TO AVOID SERIOUS INJURY, PLEASE READ
AND FOLLOW ALL INSTRUCTIONS PRIOR TO USE**



! WARNING !

THIS DEVICE CAN BE DANGEROUS AND MUST BE HANDLED WITH EXTREME CARE TO AVOID SERIOUS BODILY HARM

NEVER PLACE ANY BODY PART IN THE WAY OF ANY MECHANICAL PIECE OF THIS TRAP WHILE LOADED

ALWAYS DISARM THE TRAP BEFORE LOADING, ADJUSTMENTS, OR MAINTENANCE

ALWAYS DISCONNECT SPRING WHILE IN STORAGE, WHILE TRANSPORTING, OR NOT IN USE

NEVER STAND TO THE RIGHT OF THE THROWER OR IN THE PATH OF THE THROWING ARM

ALWAYS WEAR PROPER EAR & EYE PROTECTION WHILE OPERATING OR ADJUSTING TRAP

NEVER ALLOW CHILDREN OR UNTRAINED PERSONS TO APPROACH OR USE THE TRAP

ALWAYS INSPECT TRAP TO ENSURE UNIT IS IN GOOD OPERATING CONDITION PRIOR TO EACH USE

DO-ALL TRAPS, LLC DBA DO ALL OUTDOORS, LLC DOES NOT ACCEPT ANY RESPONSIBILITY FOR DAMAGES AND/OR INJURY SUSTAINED FROM THE USE OR MISUSE OF THIS PRODUCT

****SHOOTER MUST ALWAYS STAND TO THE LEFT OF THE TRAP TO PREVENT SERIOUS INJURY****

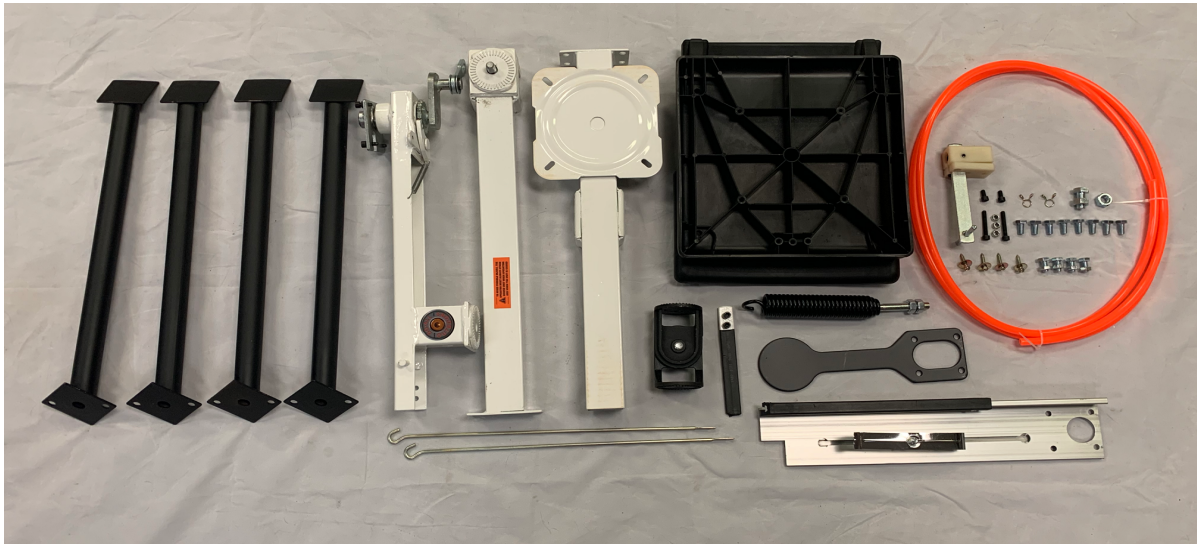
REQUIRED TOOLS

14MM Wrench/Socket, 10MM Wrench/Socket, 5MM Allen Wrench, Phillips Screwdriver

**Tools not included

Please follow the instructions and reference the pictures while assembling your Backyard 3/4 Cock Single Trap Thrower. Failure to complete proper assembly could result in damage to Trap and/or bodily harm.

DO NOT discard the packaging materials until your Trap is fully assembled. Small parts and pieces may be loose in the box, care should be taken while opening and sorting through the packaging. Please call **866-SHOT-DOC** if you are missing parts or have assembly questions.



ASSEMBLY

1. Place frame pieces in order according to figure A. Using 4 M8x15 hex bolts and 4 M8 hex nuts, bolt the frame together and leave finger tight.
2. Slide legs into leg mounts on frame. Using 8 M8x15 bolts, hand tighten until bolts hold legs on frame. Place the seat over the seat mount. Using the 4 M6x20 Phillips self tapping screws, fasten seat to frame. Do not overtighten. Refer to figure B.

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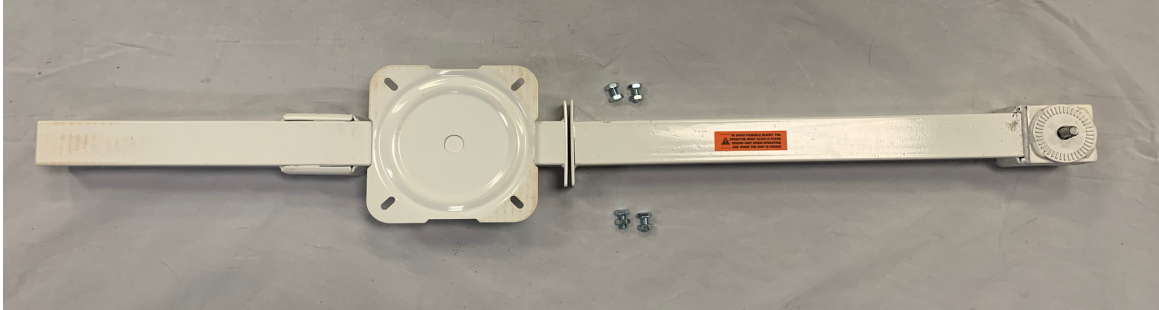


FIG. A

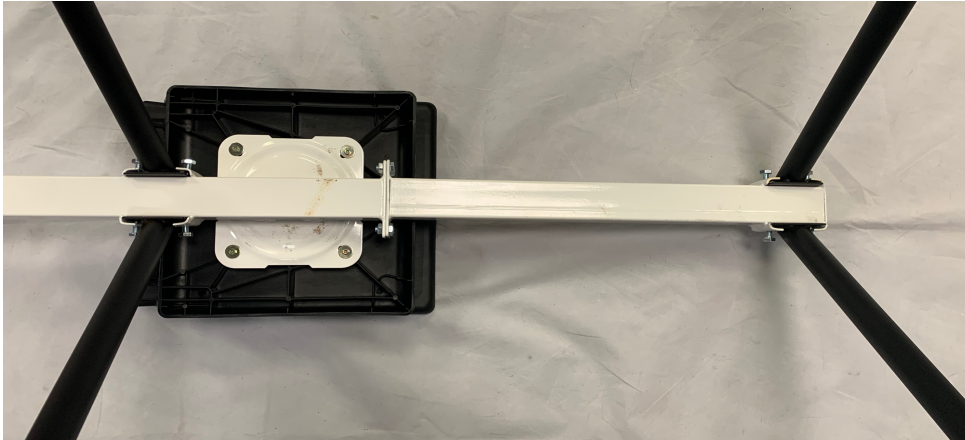


FIG. B

3. Flip the frame assembly over and sit down on the seat. Once the frame has adjusted and is sitting flat on the ground, finish tightening all the M8x15 bolts with 14MM wrench/socket.
4. Take the trap head pieces and unscrew the 4 M6x15 allen screws with a 5MM allen wrench. Place the throwing arm over the 4 holes lining up the slot with the trap head and place the counter balance over the throwing arm. Use the 4 M6x15 allen screws, washer, and lock washer and tighten the assembly as shown in figure C.
5. Once the frame has been completed the trap head assembly can be mounted. There is one bolt permanently fixed to the frame where the trap head sits. Take the metal pivot assembly and place the fixed bolt through a hole in the pivot assembly and hand tighten the M12 hex nut. Set trap head assembly on top and push the M12x25 hex bolt through the top of the trap assembly and through the metal pivot assembly. Hand tighten the M12 hex nut. Install the black handle using the M6x12 allen screw and tighten with a 5MM allen wrench. Refer to figure D.



FIG. C



FIG. D

6. Using the 3 M6x40 allen screws and 3 M6 locking nuts, install the trigger as seen in figure E. Tighten with 5MM allen wrench and 10MM wrench/socket.
7. Take the safety ring rods and place them on top of the holes next to the front of the trap head. Going through the top tighten down the M6x10 allen screws with a 5MM allen wrench. Refer to Figure F.

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FIG. E



FIG. F



FIG. G

8. Place two gold ring clips over both ends of the orange safety ring. Press the ends of the safety ring onto the rear of the trap head over the nubs on the side of the trap head. Pinch the safety ring clips and move them over the nub and let go to securely hold the ring in place. "Snap" the safety ring into place on the ends of the safety ring rods.

Adjust so it is a full circle around the trap head. Refer to figure G.

9. Move trap arm to the 12 o'clock position. Hook spring onto silver swivel attached to the arm and with the bolt through the spring and with one nut on the inside, push the bolt through the trap head hole in the back and tighten nut on the outside of the fixture until at least 3-4 threads are exposed.

ONCE SPRING IS INSTALLED THE TRAP IS LIVE. REFER TO WARNINGS ON SECOND PAGE!

OPERATION

1. Position trap in desired location suitable for shooting clay pigeons. **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 & direction can be adjusted by loosening the M12 nuts on the metal pivot mount assembly. When desired elevation and direction is achieved, hand tighten M12 nuts. **NEVER ADJUST WHILE COCKED!**
3. Rear of trap can be mounted to a receiver hitch for stability. **NEVER DRIVE WHEN ATTACHED TO RECEIVER!**
4. With the throwing arm in the 9 o'clock position, place a clay pigeon under the clay pigeon clamp and rotate counter - 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 to release the arm to throw the clay!
6. When you are done shooting clay pigeons, remove the springs and carefully transport to storage.

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.

Warranty & Customer Service	Register your product online at www.doalldoors.com . Receipt is required for warranty registration.
ONE YEAR PARTS WARRANTY	1(866)SHOT-DOC customerservice@doalldoors.com
Monday - Friday 8:00 AM to 4:00 PM DO-ALL OUTDOORS LLC - Nashville, Tennessee, USA	
Find tech tips, instructions, troubleshooting videos, and more online!	