

# INSTALLATION INSTRUCTIONS: STANDARD STRAIGHT DOG ARM EXTENSION

#### **INCLUDED PARTS:**

(12) Straight Dog Arm Extensions

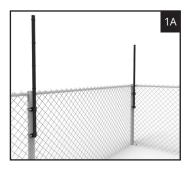
(1) Bag (100) UV-Resistant Zip Ties

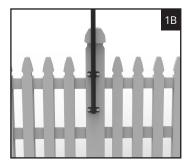
(1) 100 ft Fence Roll (Poly Mesh or Welded Wire)

**Please note:** Fasteners to attach the arms to your fence or wall are not included. The appropriate fasteners needed for different fence types are addressed within the instructions. The components listed above are for a 100ft kit. For example, if you purchased a 300ft then you would receive 3x the components listed above.



### SECURE THE ARMS TO YOUR FENCE

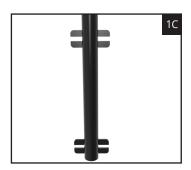




### **Determine Desired Fence Height**

- **1A.** Each arm has (2) mounting brackets to secure them to your fence post, gate, or wall. The open slots of the mounting brackets allow for a variety of fasteners to be used depending on your fence type (see **1C** below for more information).
- **1B.** Prior to securing the arms to your posts or wall, hold up the arms to your posts or wall to determine the finished height you want. String or chalk line can be used to keep the height consistent. Maximum distance between arms is 14', although 8-12' is preferred, especially for larger breed dogs.

### **FASTENER BASED ON FENCE TYPE**



**1C.** The width of the mounting slots allows the use of fasteners up to 5/16" in diameter. For smaller diameter fasteners like wood screws, it is recommended that a washer be used under the head of the screw so that the washer + screw catches the face of the mounting brackets. The open slots of the mounting brackets allow a number of standard sized U-Bolts to strap the arms to round or square metal posts (up to 2-1/2").

**Wood Fence** – If you have 4x4 posts with the posts visible from the inside of the fence, use (4) appropriate fasteners to secure the arms directly to the posts. A screw/lag length of 2" or more is recommended. If you cannot see the posts from the inside of the fence, locate and mark the post locations on the inside of the fence. Determine what length of screw will be needed to reach and screw into the post at least 2 inches from the inside face of the fence. If your posts are round metal posts, follow the instructions for Chainlink Fence.

**Masonry Wall** – The arms most easily secure to a brick or concrete block wall with masonry fasteners. Walls vary greatly so it is difficult to say which fastener size and length would work best for your needs. A standard cinder block wall would use a 1/4" or 5/16" diameter masonry screw 1-1/2" long. Longer screws are unnecessary due to the void spaces on cinder block.

**Chainlink Fence** – The arms will clamp onto the round metal posts with U-bolts. Find the diameter of your chainlink posts by first measuring the post circumference with a soft measuring tape. Then divide that measurement by 3.14 ( $\pi$ ) to calculate the diameter. We have U-bolts available in sets of two (one set needed per arm) in 1-3/8", 1-5/8", 2", and 2-1/2". U-bolts can also be found at home improvement stores.

**Decorative Aluminum & Steel Fence** – This fence type looks similar to wrought iron estate-style fencing and typically has square posts. The arm can clamp onto the square post with square U-bolts. We stock square U-bolts for the most common post size, which is 2" wide posts.

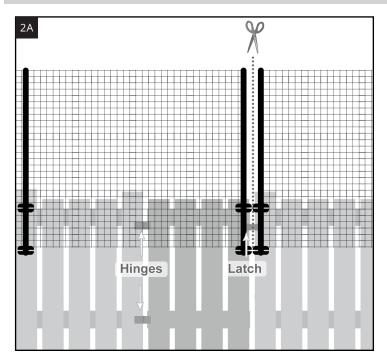
**Vinyl / PVC Fence** – Most vinyl fences have hollow posts. The simplest way to secure the arms to a vinyl post is to screw into a piece of wood placed inside of the post. Mark the post at the mounting bracket locations and drill pilot holes through the face of the plastic posts. Take the post cap off your post and insert an 18" to 24" piece of a 2x4 inside the post against the inside face with holes. Run screws through the mounting slot, through the drilled holes in the post, and into the 2x4. Please note: Since the posts are hollow plastic, if enough force is place on an arm, the post may shatter.

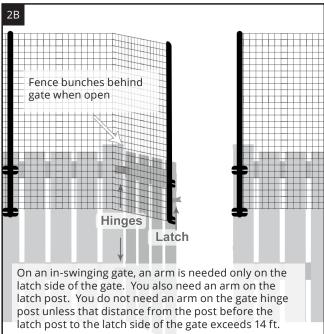
NOTE: Corners may require special corner adapters sold seperately. Corner adapters generally are needed for any square corner post regardless of material type. <a href="https://www.dogproofer.com/products/corner-adapter-for-houdini-dog-proofer-arms">https://www.dogproofer.com/products/corner-adapter-for-houdini-dog-proofer-arms</a>



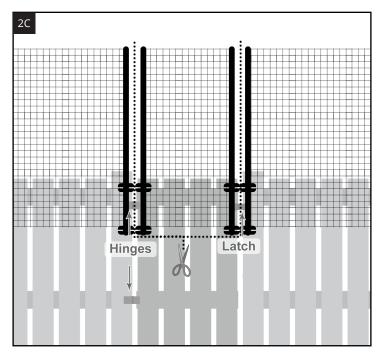
# 2 INSTALL ARMS ON GATES

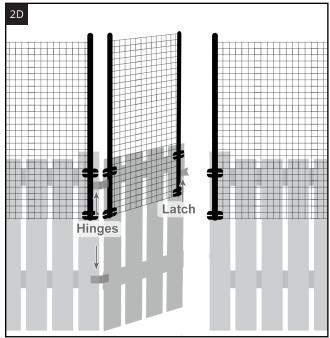
#### FOR INWARD SWINGING GATES WITH POLY MESH





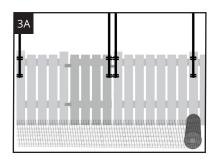
### FOR OUTWARD SWINGING GATES & INWARD SWINGING GATES W/ WELDED WIRE MESH

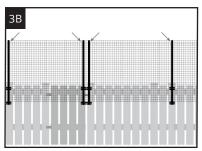






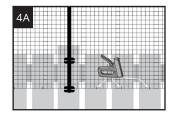
## **INSTALL FENCING MATERIAL ONTO ARMS**

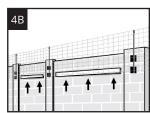


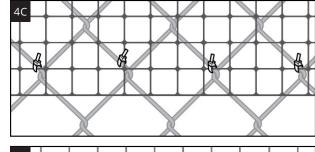


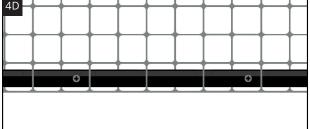
- **3A.** Unroll the mesh fence over a span of multiple posts.
- **3B.** Go back to the first post, lift up the fence to the top of the arm and secure the top of the fence to the top of the arm with an included zip tie. Repeat until you are at a corner or end point.
- **3C.** Go back to the first post and add zip ties down the arm (3-4 additional zip ties). Repeat until you reach the corner/end point, and add 2-3 additional zip ties down the corner or end point arm.
- **Tip:** (poly mesh only) If you have sags or bubbles, the fence does not stretch so you cannot pull out sags and bubbles by pulling mesh harder arm to arm. You need to make small folds on the fence similar to pleats or darts in fabric. This is done at arms. Folds are made by cinching cells of fence together with zip ties. If you have a sag at the top of the fence you may fold squares of fence together and secure with zip ties to remove them. This is purely for looks. It will not affect the performance of the system.

## **SECURING BOTTOM OF MESH FENCE**









- **4A. Wood Fence** Use staples to secure the bottom edge of the mesh to your existing fence. Stainless steel or galvanized staples are recommended for staple gun-type staples. You can also use a pneumatic/battery narrow crown stapler. The best hammered staples are Romex staples found in the electrical department of most home improvement stores. Use three staples per foot.
- **4B. Masonry Wall** One option is to secure strips of wood to the wall between posts and staple the mesh to the strips. Another option is to use masonry screws with fender washers to catch the grid joints of the mesh. We also offer a thick band of nylon that can be secured to your wall every few feet. The band can be woven through the mesh squares, or the mesh can be secured to the band with zip ties. It is stretched and acts like a tight bungee cord when properly installed (PVC / Wall Kit sold seperately). Please contact us for alternate suggestions.
- **4C. Chainlink Fence** The mesh can be secured to your chainlink fence with zip ties. We recommend heavy-duty zip ties that are UV-resistant, like those used to secure the mesh to the arms (additional zip ties may be purchased seperately). Another option is hog rings to secure the wire mesh directly to the chainlink (Hogringer Tool and Rings sold seperately).
- **4D. Vinyl / PVC Fence** We offer a thick band of nylon that can be secured to your wall every few feet. The band can be woven through the mesh squares, or the mesh can be secured to the band with zip ties. It is stretched and acts like a tight bungee cord when properly installed (PVC/ Wall Kit sold seperately).
- **4E. Decorative Aluminum & Steel Fence (not shown)** Secure the wire mesh with zip ties to the pickets or rail. We recommend heavy-duty zip ties that are UV-resistant, like those used to secure the mesh to the arms (additional zip ties may be purchased seperately).