

# INSTALLATION INSTRUCTIONS: CURVED HOUDINI-PROOF DOG ARM EXTENSION

INCLUDED PARTS: The components listed below are for a 50ft kit. For example, if you purchased a 100ft kit, you would receive 2X the components listed.

(6) 2-Piece Curved Dog Arm Extensions

(1) 50 ft Fence Roll (Poly Mesh or Welded Wire)

(1) Hex Wrench

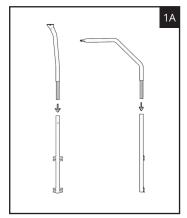
(6) Set Screws

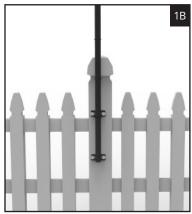
(1) Bag (100) UV-Resistant Zip Ties

**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.



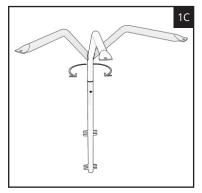
### **SECURE THE ARMS TO YOUR FENCE**

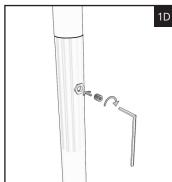




#### **Determine Desired Fence Height**

- **1A.** The arm extensions are a 2-piece assembly made by combining an upper arm portion and lower base portion with mounting brackets.
- **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.





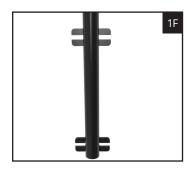
- 1C. The 2-piece arm extension allows the upper arm portion to be positioned at various angles to accommodate corners and/or turns in your fence line. Square corners, for example would require mounting of the lower portion as close to the corner as possible, then turning of the upper portion at a 45-degree angle. Always split the corner angle into two equal halves if it is less than 180 degrees. See 3C-3F for examples.
- **1D.** Once you have the upper arm portion positioned correctly, insert and tighten provided set screw with the included hex wrench to secure the upper arm extension in position.



**1E.** Each arm has (2) mounting brackets on the lower base portion to secure the arms 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 **1F** for more information).

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



**1F.** 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.

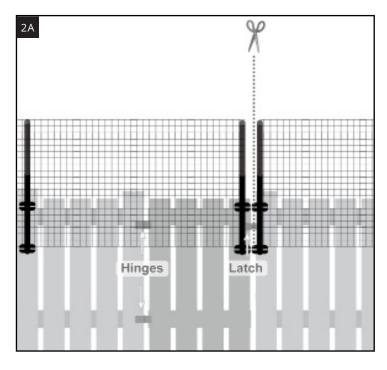
**Decorative Aluminum & Steel Fence** – This fence type looks similar to wrought iron estate-style fencing and typically has square posts. The arm can clamp onto the square post with square U-bolts. We stock square U-bolts for the most common post size, which is 2" wide posts.

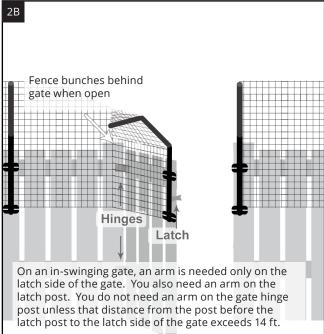
**Vinyl / PVC Fence** – Most vinyl fences have hollow posts. The simplest way to secure the arms to a vinyl post is to screw into a piece of wood placed inside of the post. Mark the post at the mounting bracket locations and drill pilot holes through the face of the plastic posts. Take the post cap off 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.



#### **INSTALL ARMS ON GATES**

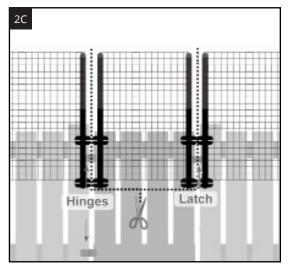
#### FOR INWARD SWINGING GATES WITH POLY MESH

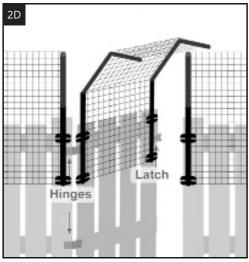




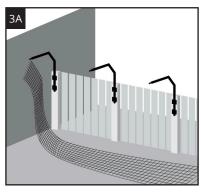


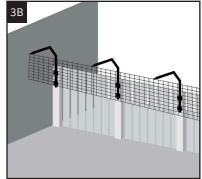
#### FOR OUTWARD SWINGING GATES & INWARD SWINGING GATES W/ WELDED WIRE MESH





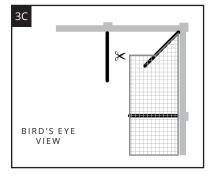
## INSTALL FENCING MATERIAL ONTO ARMS

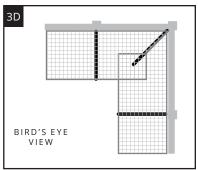




#### Install Mesh Fence One Side at a Time

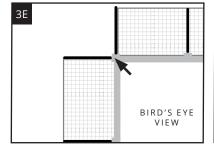
- **3A.** Unroll the mesh fence then lift the top edge up to the tip of the arm. Using the included zip ties, secure the top edge of the mesh to the tip of the arm. Tighten the zip tie and cut off the excess tab. Repeat for each arm along the side. Mesh should be taught, but do not try to pull the mesh overly tight between arms.
- **3B.** Now the fence should be hanging from the tips of all the arms on a side.

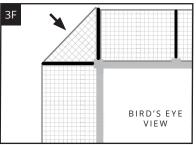




### **Inside Corners**

- **3C.** At corners the arms are angled relative to the rest of the arms in the sections which makes them "shorter." To adjust for this, attach the mesh fence 4 squares in from the edge at the tip of the arm.
- **3D.** Run the fence slightly past the existing fence corner and cut the fence off the roll.





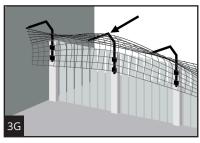
#### **Outside Corners**

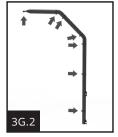
- **3E.** Outside corners require (2) arms formed in a 90-degree angle on the corner post as shown.
- **3F.** Cut fence on turns. A seperate piece of fencing is required for the outside corner between the arms.

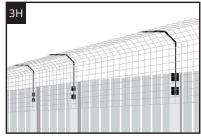


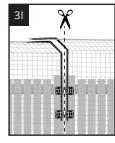


## **INSTALL FENCING MATERIAL ONTO ARMS (CONTINUED)**









#### Install Mesh Fence One Side at a Time

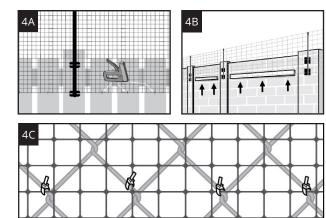
- **3G.** Starting in the center of a span, lift the middle of the hanging mesh fence up and secure to the arm where shown (3G.2) with included zip ties.
- **3H.** Working from the center out to corners, continue lifting the mesh fence and securing it to the arms with zip ties until all arms are secured to the mesh fence on a side. Keep tension on the mesh to prevent waviness.
- **3H.2.** For welded wire: After the mesh is secured to the curved arm, begin to shape mesh so that it closely matches the curve of the arm in between the extensions. Do this by firmly holding the bottom edge of the wire mesh and gently pushing mesh up and back. With your other hand, hold the top edge of the mesh and gently push into the curve of the arm to form an "arch" that resembles the curve of the arm. This will help keep a uniform shape to the wire along each span of fence.

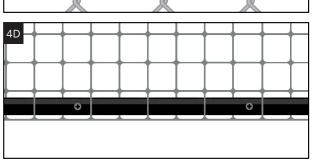
Optional: Remove excess tab of zip ties with snips or Zip Tie Tool (sold separately).

**31.** At gates, cut the mesh fence between the arms to allow the gate to open.

Note: Refer back to diagrams 3C and 3D for cut pattern of excess mesh fence at the corners.

### **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).