

# Portable Fence (Built with Panels)



**May 1, 2017**

# Basic Steps For Build

- Walk the property and determine how large the fence enclosure will be.
- Talk with dog parent about the size of the fence and where the gate panel will be located.
- Ideally the fence will be attached to the house to allow the dog(s) access in and out of the house.
- Order the materials for the build (see attached materials list)
- Gather enough volunteers to build the fence (between 8 and 12)
- Schedule at least 3 hours for the build.
- Follow the Fence Panel Guide.

# Build -- Step One

- Unload all panels and gate panel to be used.
- Lay panels on the ground with the middle support bar on the ground and the twisted wire so the wire will be on the top of the fence.
- Lay panels side by side so they are easy to tilt up in place.
- Gate panel should be secured to the house.

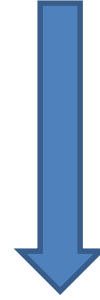
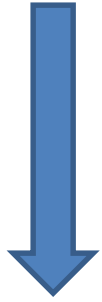
# 6' x 12' Fence Panels Laid Out



# Build -- Step Two

- Set the gate panel in place.
- Secure gate panel to the house using 2 u-shaped fasteners and lag screws.
- Gate panel pole should be parallel to the house.
- Ensure the latch is positioned in the upper third of the gate.

# Gate Panel, Fastener and Lag Bolt



# Gate Panel Fastened to House



**Fasten in 2 places**

# Fastening Gate Panel to House Without Trim



**Attach a piece of 2x4 to the side of the house with long screws and then attach the gate panel to the 2x4.**



# Build – Step Three

- Lift panel up so that 6 ' portion of panel is vertical and 12' portion of panel is horizontal with the middle support bar on the outside of the fence and the twisted wire on the top of the fence.
- Secure first panel to gate, use 2 fasteners.
- Check ground for approximate level.
- If ground is not level dig a trench to make it level.
- Continue to secure panels to new panel using 2 fasteners until **one panel** is remaining.
- Ensure all panel fasteners are tight.



# Panel Fastener (Bolt and Nut)



**Install panel fastener so bolt head is inside of fence to ensure safety.**



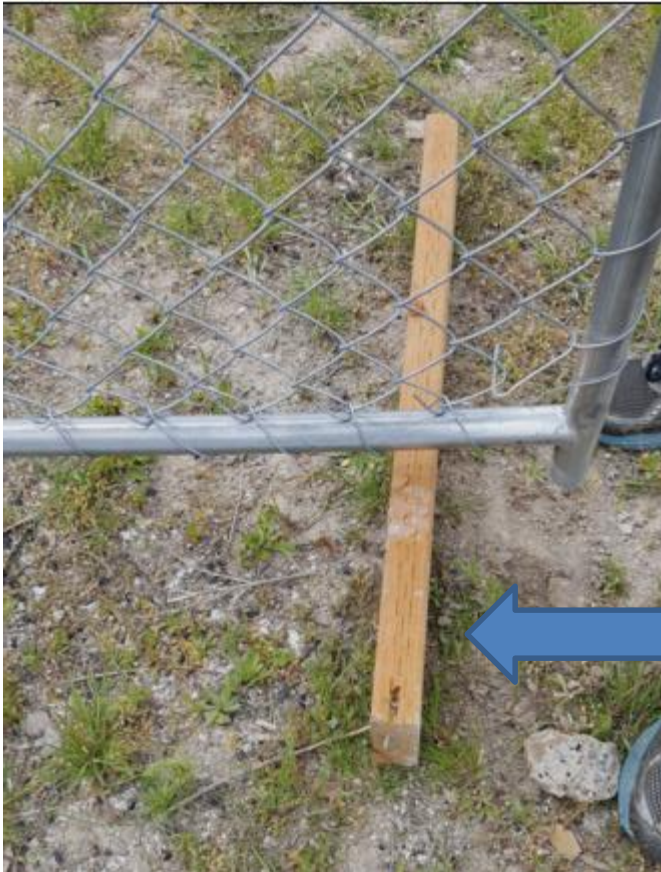
**First panel secured to gate**



# Build – Step Four

- Secure last panel to the house.
- Ensure the panel is parallel to the house .
- If needed, use a 2" x 4" to attach to the house and attach last panel to the house.
- Adjust remaining panels so you can secure the panel that is attached to the house to the rest of the panels.
- It's okay if the fence is not 100% square or 100% rectangle.

# Tricks When Ground is Not Level



# Build – Step Five

- Set T-Posts using T-Post pounder and 7' T-Posts, try and keep T-Post vertical.
- The number of T-Posts installed will depend on the size of the fence.
- Install enough T-Posts to ensure the fence is sturdy, install on outside of fence.
- Use T-Post wire wrap to secure T-Post to panel.
- As wire is twisted to secure to panel, ensure the twisted part is moved to the outside of panel to ensure safety.

# 7' T-Posts

T-Post Pounder



# Securing Wire Wrap to T-Posts



# Build – Step Five

- Cut ground wire to a width of 4 squares, ensuring all wire pieces are flat and no wires stick out.
- Bend one square up so that it is perpendicular to ground.
- Bring ground wire inside fence, lay ground wire so 3 squares are on the ground next to the bottom of the fence and one square is up, vertical to the fence.
- Overlap ground wire if too short to fit fence panel length.
- Secure each ground wire vertical square to fence using ring tool.
- When ground wire is in place use candy cane rebar to secure to ground, only complete this step when fence position is final.
- Ensure there are no gaps in the ground wire on the ground.



# Groundwire and Candy Canes



**Candy Canes  
Installed**



# Quality Check

- Check that all panel fasteners are tight.
- Check that gate panel fasteners are tight and chain with carabineers are in place.
- Check that groundwire is secure and candy cane rebars are in place (and there are no big gaps in ground wire).
- Make sure no sharp wires exist.
- Pick up all pieces of metal that are on the ground using the magnet tool.

# Materials List

- 6' x 12' Panels
- Gate Panel
- Gate Fasteners and lag bolts
- Panel Fasteners (including bolts and nuts)
- 5 ' welded wire, cut for ground wire
- Candy Cane rebar
- T-Post wire wraps
- Various tools: Wire cutter, needle nose pliers, hammer, sledge hammer, ratchet, post pounder, ring tool for ground wire, pick axe, screwdriver and magnet tool.
- T-Posts at least 10
- 2" x 4" pieces