Firesmart Rigid Hog Wire Steel Frame Fence System – Installation Guide

Materials Needed

- Steel fence posts *(included)*
- U-channels – vertical and horizontal *(included)*
- Hog wire panels *(included)*
- Bolts, nuts, and washers *(included)*
- Drill with metal bits
- Level
- Tape measure
- Concrete mix *(for setting posts)*
- Wrenches or sockets

- Clamps *(optional but helpful)*

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1. Set Fence Posts in Ground

Layout:
Mark your fence line and determine post spacing based on the width of your hog wire panels.

Dig Holes:
Dig holes approximately **3’ deep** for a 6’ tall fence (adjust depth for frost line or fence height with consideration for your region).

Set Posts:
Place steel posts in holes, ensuring they are **plumb and aligned** along the fence line.

Concrete:
Fill holes with mixed concrete while maintaining correct spacing and level alignment between posts.

Cure:
Allow concrete to cure for **24–48 hours** before continuing installation. Consider bracing to ensure that the posts remain straight while drying.

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2. Attach Vertical U-Channels to Posts

Position Channels:
Place a **vertical U-channel** on the **inside face** of each post, aligned to the desired bottom height of the fence panel.

Check for Level:
Use a level to ensure both vertical U-channels are perfectly plumb and parallel to each other.

Secure Channels:
Drill through the U-channel and into the steel post through the provided pre-drilled holes, then fasten securely using provided **self-tapping screws**.
Double-check that both sides are evenly spaced to fit your hog wire insert width.

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3. Install Bottom Horizontal U-Channel

Position Bottom Channel:
Align the bottom horizontal U-channel between the two mounted vertical channels, forming the base of your frame.

Drill & Bolt:
Dry fit the horizontal channel into the ends of the vertical channels, then secure using the provided **bolts, washers, and nuts into the pre-drilled holes**.

Check Alignment:
Use a level to confirm the bottom channel is straight and parallel to the ground before tightening all hardware.

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4. Insert Hog Wire Panel

Slide Panel Into Place:
Carefully slide the **hog wire panel** downward between the vertical U-channels, seating it fully into the **bottom channel**.

Center & Align:
Ensure the panel is centered and evenly spaced within the frame, with equal clearance on both sides.

Optional Securing:
For extra stability, you may fasten the hog wire to the U-channels using **small self-tapping screws** or **rivets** through the inside lip of the channel.

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5. Install Top Horizontal U-Channel

Position Top Channel:
Place the top U-channel over the upper edge of the hog wire panel, aligning it with the tops of the vertical U-channels.

Drill & Bolt:
Attach the ends of the top channel into the vertical channels, then bolt securely into the pre-drilled holes using the provided carriage bolts and nuts to complete the frame.

Final Checks:

- Confirm all bolts are fully tightened.

- Ensure the hog wire panel is snug and does not rattle.
- Verify that the overall frame is **square, plumb, and level**.

✅ **Tip:** Periodically check alignment and spacing as you progress along your fence line to maintain a consistent and professional finish.