Assembly Instructions for 2"x 6" Rail Ranch Gate

Smooth Vinyl Ranch / DuraGrain Gate

3 Rail Ranch Gate Kit

Gate Lock, Hinges & Rails are not included

PLEASE READ THESE INSTRUCTIONS BEFORE ASSEMBLY

During assembly, vinyl components should be laid on a non-abrasive surface (i.e. cardboard or drop cloth) so as not to scratch.

- Use care when applying PVC cement as it dries quickly, Vinyl should be cleaned with a mild detergent and non-abrasive cleaning pad or sponge.

- Vinyl components should be assembled without using excessive force, to avoid breakage.

- Assemble gate after fence installation, to accurately locate hinge and latch post and proper width size.

- Gates should not be made any wider than 48", to avoid sagging from hinge post.

- All hinge posts, properly installed, should have steel insert and filled at least 75% with concrete.

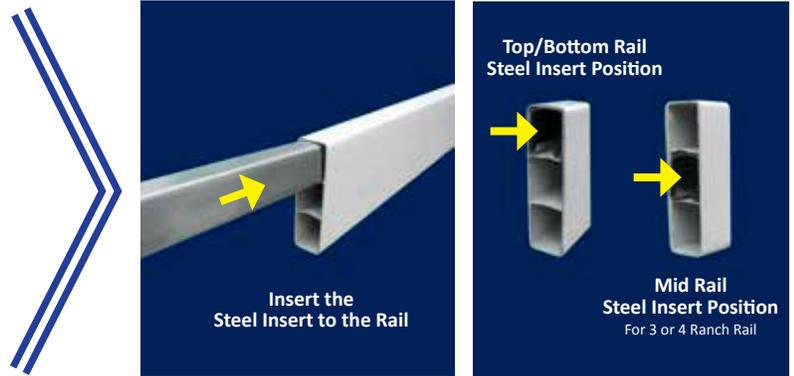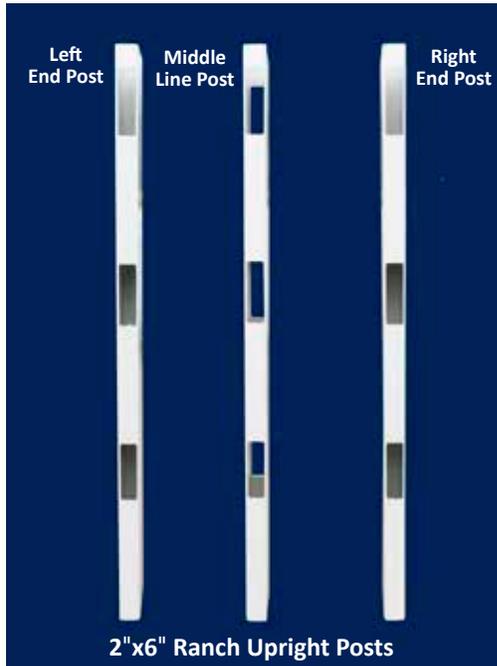- Cut top and bottom rail 2" shorter than distance between hinge and latch post.

  For Example: If the gate opening is 44" cut Top and Bottom rail to 42".

TOOLS NEEDED

- Measuring Tape / Ruler
- Pencil/ Marker
- Screw Driver (Phillips #2)
- Drill with $\frac{3}{16}$" bits
- Drop Cloth
- Square Level
- Rubber Mallet

Have Questions?
Call us at 1-800-483-1361

DURAMAX
Building Products

Engineered For The Southwest Sun™

Step 1   Connecting Ranch Upright Post & Rail

Left End Post   **Middle Line Post**   **Right End Post**

Top/Bottom Rail Steel Insert Position

Insert the Steel Insert to the Rail

Mid Rail Steel Insert Position
For 3 or 4 Ranch Rail

2"x6" Ranch Upright Posts

Left/Right End Post - one section of rail only will connect.
Middle Line Post - both opposite sides have holes to connect rail (No Middle Line Post for 2 Rail Ranch).

Step 2   Connecting Ranch Rail into Uprights Ranch Line Post

Start with the bottom slot by inserting the Ranch Rail all the way, (note: steel insert is at the bottom part of the rail -Figure 1); then insert the rail in the middle slot, (note: applicable for 3 or 4 ranch rail only, steel insert is at the mid section of the rail -Figure 2). Lastly the top slot, insert the last rail, (note: steel insert is at the top -Figure 2B).
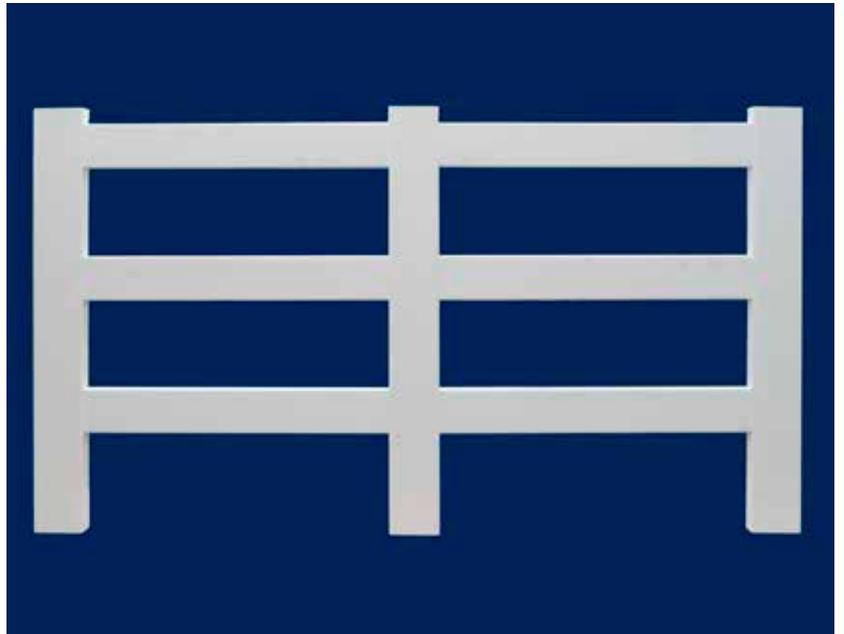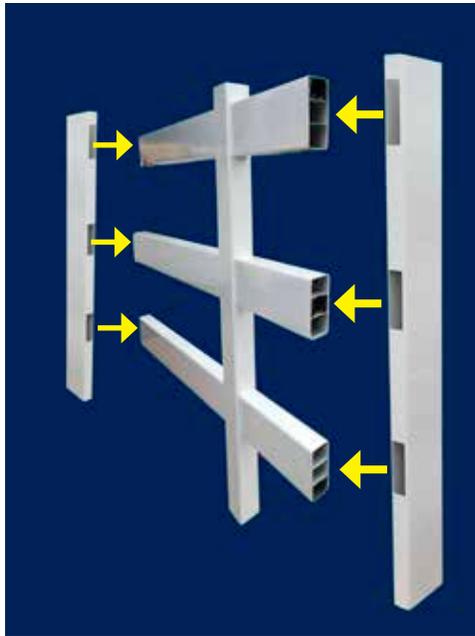
Steel Insert

Steel Insert

Steel Insert

Bottom Line Post   **Middle Line Post**   **Top Line Post**

Figure 1   **Figure 2A**   **Figure 2B**

Step 3   Insert both End Post to the rails

Step 4   Securing the Upright Ranch Post & Rails

Using a marker, mark both sides of the upright post (Figure 4) before mounting the 1 ½" sheet metal screws.
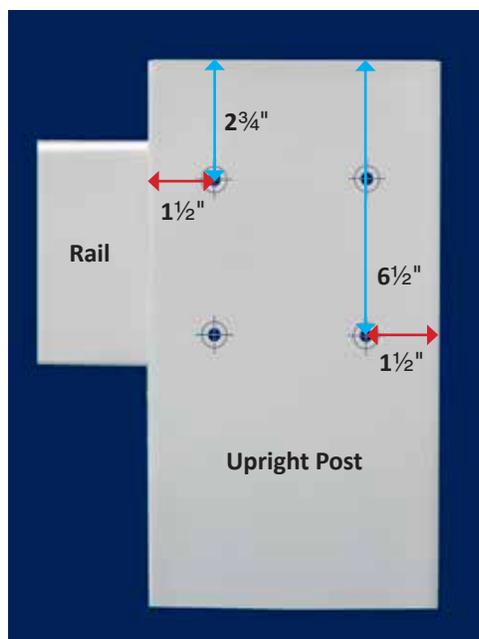(Figure 1 - shows the top, do the same for the middle and bottom rails)

2¾"

1½"

Rail

6½"

1½"

Upright Post
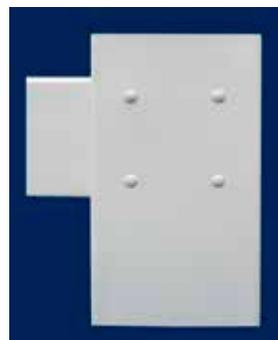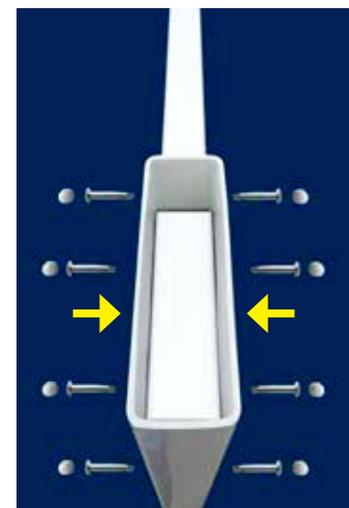
Figure 1

Figure 2

Figure 3

Figure 4

Using the 1½" Sheet Metal Screw (supplied), drive the Sheet Metal Screw into the Upright Ranch Post (Figure 2) then tap the Vinyl Screw Cap into the head of the Sheet Metal Screw (Figure 3). Do the same procedure to secure the middle (for 3 or 4 ranch rail only) and lastly the bottom rail. Repeat the same procedures for the other side of the upright post. (Figure 4)

DURAMAX Building Products

Step 5   Uprights End Post Top Metal Support Installation

Metal Support Lip

End Post Top Metal Support Plate & Sheet Metal Screws included

Metal Support Lip

Figure 1

Metal Sheet Screw

Figure 2

Insert the Metal Support Plate (Figure 1) into the top of the Upright Ranch Post and drive the Sheet Metal Screw (2x) parallel to the Ranch Rail (Figure 2). **Important: see Metal Support Plate Lip position** (Figure 1).

Step 6   Ranch Post Cap Installation

Ranch Post Cap

Ranch Post Cap
Vinyl Glue
Top Uprights Post

Figure 1

Put a small amount of Vinyl Glue around the sides of the Upright Post and gently tap, the Ranch Post Cap, into the top of the Uprights Ranch Post; wipe off any excess Vinyl Glue with damp cloth. (Figure 1)

Completed Ranch Gate Kit