



BUILD A BETTER RAIL GATE

**EASY TO FOLLOW INSTRUCTIONS
EASY TO BUILD
USES STANDARD 5/4 DECKING
OR ROUGH CUT 1 INCH LUMBER**

**HEAVY DUTY HARDWARE FROM
HINGEANDLATCH.COM
NOT ONLY HANGS THE GATE,
IT GIVES IT MUCH MORE
STRENGTH TO PREVENT SAGGING**

Simply follow the enclosed instructions to easily make a strong 3 or 4 rail gate that will last for years and years.

Hardware from HingeandLatch is extremely heavy duty, made from 1/4 thick steel which is hot dipped galvanized. Just calculate the width and

height (standard height is 46 inches but this can be changed to meet your requirements) and follow the

enclosed instructions. Allow 4.5 to 5 inches between the post and gate for hinges and pins. Optional filler blocks can be installed with lag bolts to reduce this opening (see photograph on left). Double gates will require a throw over gate

loop and or drop rods. Allow 1/2 to one

inch between double gates. Heavy lockable drop rods can also be used horizontally with a keep to latch gate. Where livestock is

involved the bottom hanging pin should face up and the top pin should face down.



FOR MORE HARDWARE INFORMATION VISIT OUR WEBSITE www.HingeandLatch.com

BUILD A BETTER GATE WITH

3 RAIL OR 4
THAT WILL

EASY TO
USE 5/4" x 6" D
OR 1" ROUGH



1 Lay out two vertical risers (stiles), to rail and bottom rail in rectangular shape. Fasten each of the outside corners with a single 1.5" wood screw.



2 Measure the two diagonals and adjust gate so that they are equal (this will ensure the gate is square). Install another 1.5" fastener at each inside corner.



WHEN PLANNING GATE WIDTH ALLOW 4.5 INCHES



3 Measure distance between top and bottom board. Place two other rails and space equally. Cut two scraps to ensure the accurate placement of the horizontal rails.



4 Turn the gate over. Attach second stile at each end. Use 3.5" x 3/8" galvanized carriage bolts. Tip: use quick clamps to hold stiles in place while drilling.



5 Measure distance between stiles and cut upper rail to fit. Place in position but do not fasten at this stage.

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RAIL GATES DO NOT SAG

HOW TO BUILD A RAIL GATE CHECKING LUMBER, CUT LUMBER



SPACE BETWEEN GATE AND POST AT EACH HINGE END.



10

When installing bolts do not install bolts at top corner where hardware will attach. Center hardware on rails, drill holes and attach with fasteners provided.



9

Turn the gate over and repeat steps 5 thru 8 on the other side. Drill a hole at each intersection point and install 3.5" x 3/8" galvanized carriage bolt at each location.



6

Lay diagonal braces on surface (allow 1/2" from top of top rail) Mark top rail with pencil line.



7

Using a straight edge mark pencil line on diagonals even with inside edge of stiles. Mark top and bottom. Remove top rail and diagonal. Cut along pencil marks.



8

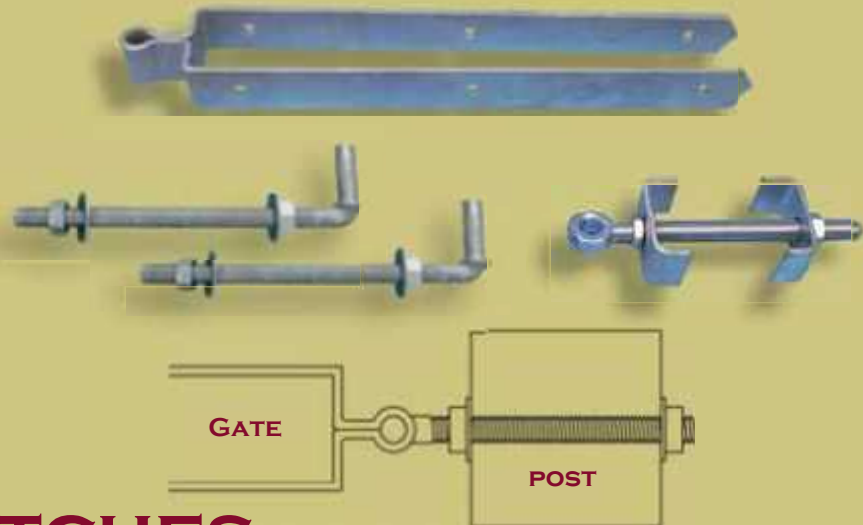
Lay top rail and diagonal in place ensuring a good fit. Install a 1.5" wood screw into each (screwing up from the bottom) to hold top rail and diagonal in place.

DOUBLE STRAP HINGE SETS

AVAILABLE IN HOT DIPPED GALVANIZED OR BLACK POWDER COAT OVER HOT DIPPED GALVANIZED

Double Strap Hinge sets include everything you need to hang a robust rail gate that will not sag. The double strap sandwiches the wood and holds the corner square. Combines heavy duty construction and strength with easy adjustment. Set includes 12", 18", or 24" 8312 top strap, adjustable bottom gate fitting and two #8800 full thread pins.

Length	For Gates Up To	Product Code	
Inches		BPPCG*	Galvanized
12	4 feet wide	8332-12SP	8332-122
18	7 feet wide	8332-18SP	8332-182
24	12 feet wide	8332-24SP	8332-242
* BPPCG = Black Powder Coated Over Galvanized			



LATCHES

AVAILABLE IN HOT DIPPED GALVANIZED OR BLACK POWDER COAT OVER HOT DIPPED GALVANIZED

Latching gates where livestock is fenced in can always be a problem. We suggest that the use of our throw over gate loop and snap (for double gates) or a wrap around length of chain and snap. Gate latches should be checked periodically to ensure livestock cannot escape.

THROW OVER GATE LOOP

Latch two gates together. Heavy duty construction. Hot dipped galvanized finish or black powder coat over galvanized. Fits gates 2 3/4" to 3 1/8" thick. Notch in throw over gate loop closes over staple on plate. Can be locked with a padlock or snap fastener (essential when used with livestock). Includes fasteners and staple on plate. Padlock and clip not included.



Product Code	Description
4200-032	Hot Dipped Galvanized
4200-03SP	Black Powder Coat over HDG

SPRING LATCH

Fabricated from heavy duty spring steel our robust 24" high latch can be operated from horse back. Requires square gate post at least 6" x 6". Fits gates 3 inches thick. Requires 4 inches between the gate and the post.



Product Code	Description
8327-002	Hot Dipped Galvanized
8327-00P	Black Powder Coat over HDG

HEAVY DUTY LOCKABLE DROP ROD

- AVAILABLE IN 12" (4" DROP), 15" (6" DROP), AND 24" (10" DROP)
- LOCKABLE (PADLOCK NOT INCLUDED)
- HOT DIPPED GALVANIZED OR BLACK POWDER COAT OVER HDG
- HEAVY 5/8" ROD



Length	Product Code	
Inches	BPPCG*	Galvanized
12	5000-12SP	5000-122
15	5000-15SP	5000-152
24	5000-24SP	5000-242

* BPPCG = Black Powder Coated Over Galvanized
Black Cane Bolts packaged with 2" x 5/16" lag bolts

KEEP FOR LOCKABLE ONE PIECE CANE BOLT

Use keep for mounting cane bolt in horizontal position as gate or door latch. Also ideal for latching two gates together.

Product Code	Description
5000-002	Hot Dipped Galvanized
5000-00SP	BPPCG with Black Lags



FOR MORE HARDWARE INFORMATION VISIT OUR WEBSITE

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