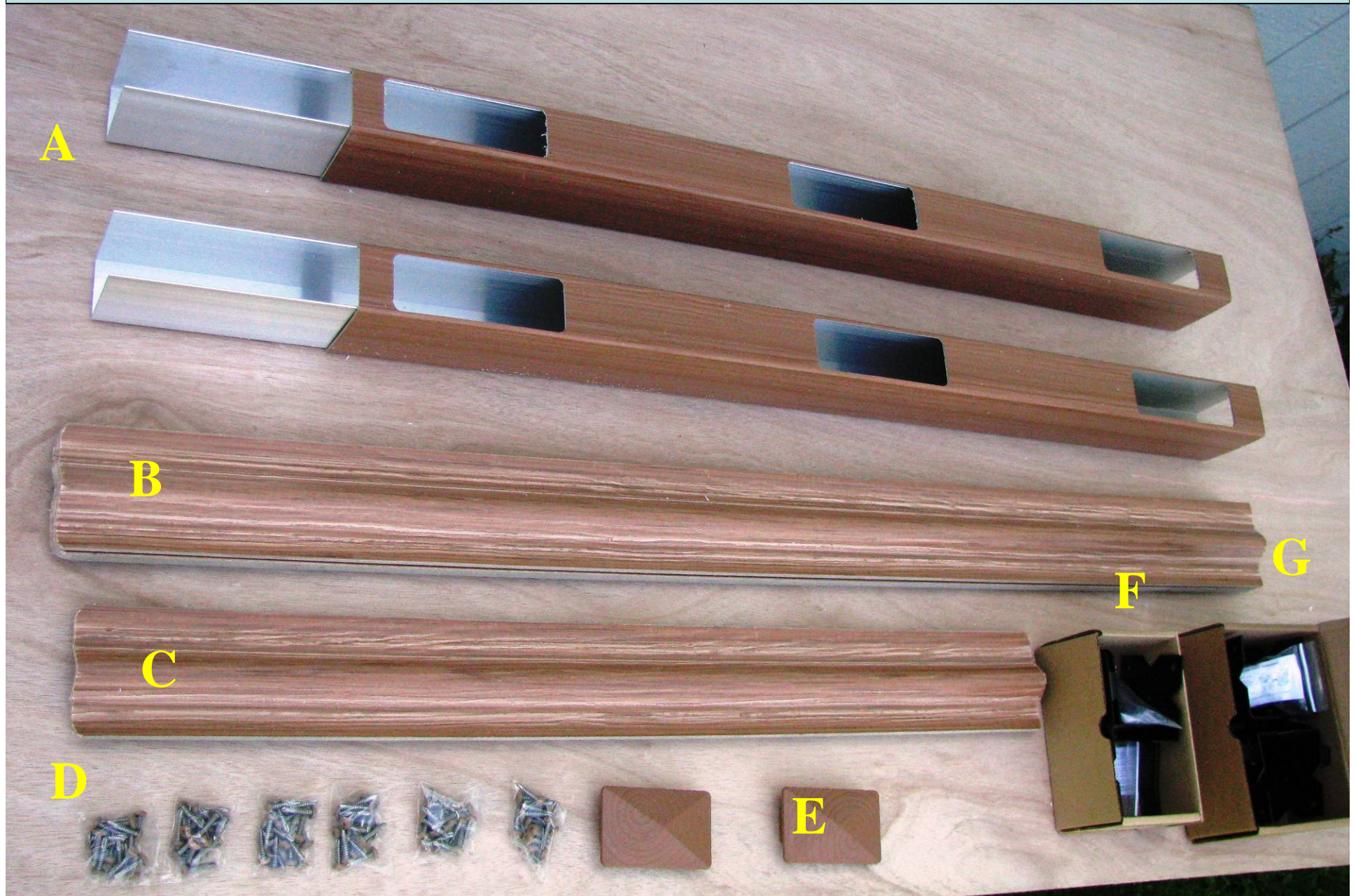


CertaGrain Post & Rail Gate

Gate Design Features

- Horizontal rail spacing aligns with fence rails
- Bracing on front and back for stability
- Universal gate – no regular or opposites
- Ability to rack
- Aluminum reinforcing in gate uprights for added strength
- Stainless steel hardware

Components of a Post & Rail gate kit box



Content Description

- A** 2 Pre routed uprights with aluminum reinforcement inserted
- B** 4 Diagonal braces
- C** 2 Vertical braces
- D** #12 x 1 1/4" Stainless steel, square drive, self drilling screws
- E** Upright caps
- F** Universal latch
- G** Adjustable hinges

(F) Latch Components

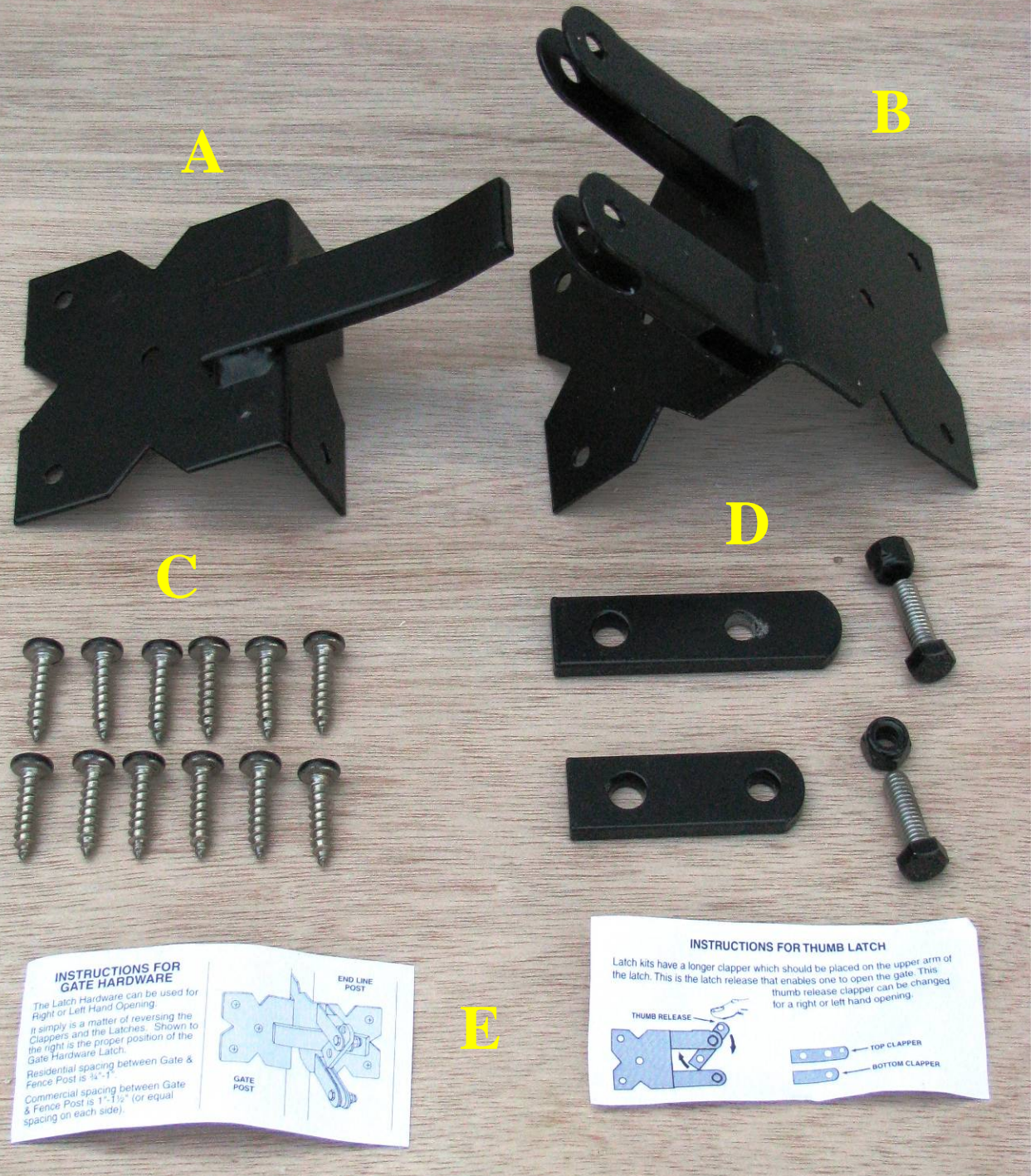
A Striker bar

B Universal catch

C Stainless steel
hardware

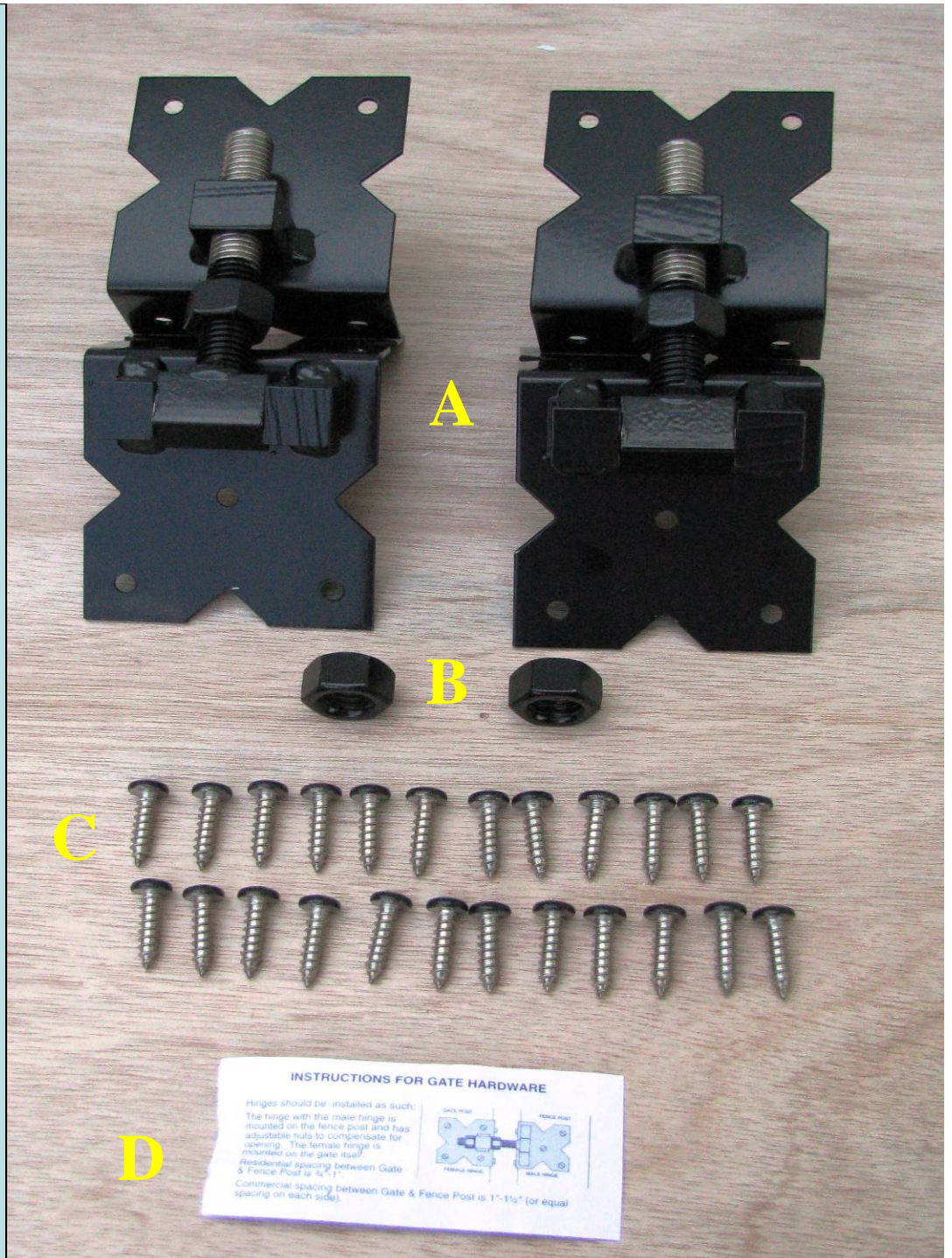
D Top and bottom
Clappers with
attachment bolts

E Installation
instructions



(G) Hinge Components

- A Adjustable hinges
- B Hinge nuts
- C Hinge fasteners
- D Installation instructions



Miscellaneous

- Rails sold separately
- Drop Pin Kits available
- 3 & 4 Rail Double Drive Gates cover a 16 foot opening
- 2 Rail Double Drive Gates cover a 12 foot opening
- Drop Pin Kits recommended on each gate leaf
- All hardware powder coated stainless steel

Installation Tools

Tape Measure

Pencil

Saw

Drill and Drill Bits

3/16" for upright/rail connection

7/32" to attach hinge and latch to uprights

#3 Square Drive Bit

Silicone or PVC Cement to attach caps

15/16" Wrench for hinge adjustment

Installation Overview

Determine Gate size

Cut Rails

Assemble Gate

Square Corners

Attach Bracing

Attach Hardware

Installation

Determine Gate size

Single Gates.... allow 3" for hardware

Double Drive Gates.... allow 4 1/2" for hardware

Cut Rails to length

Cut rails 1/2" shorter than desired final gate width to allow for aluminum and gate upright

Center aluminum in upright to allow for top cap insertion

Assemble Gate

Orientate the uprights
with the 2" end at the top

Center the aluminum in
the upright

Slide all rails into
pre routed holes



Square Gate

Square gate by measuring diagonally from one upright to the other in both directions.

Both measurements should be identical



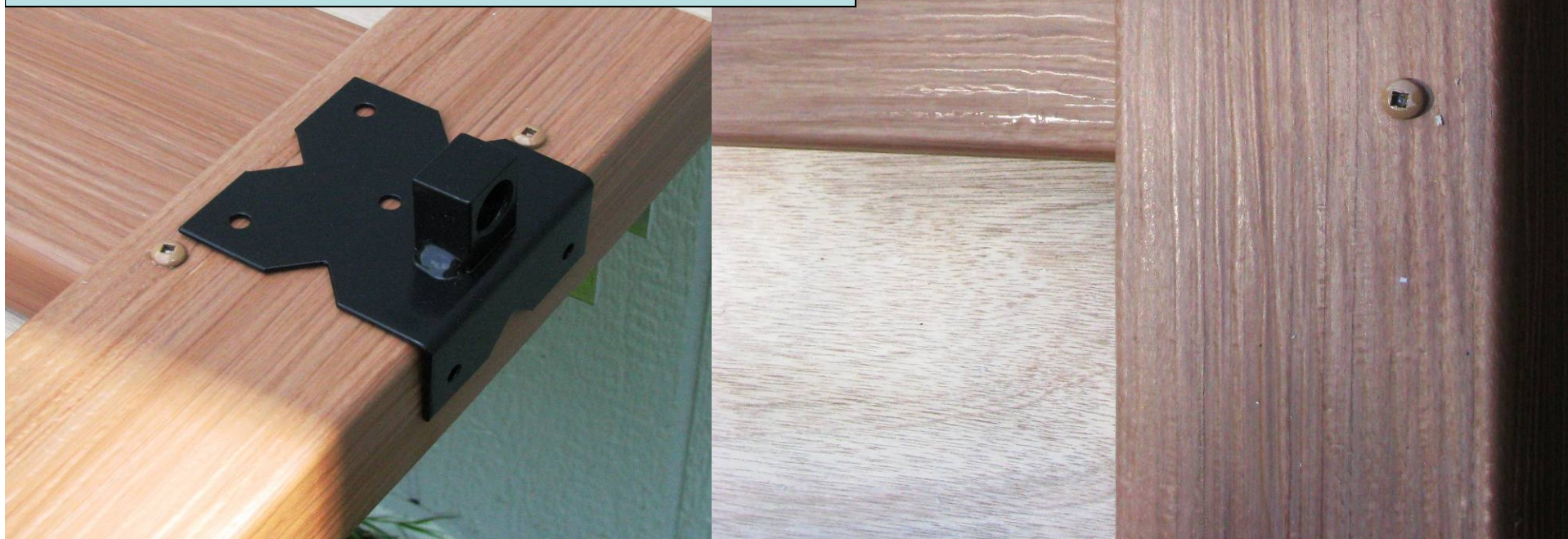
Secure Rails to Uprights

Drill 2 - 3/16" pilot holes diagonally across from each other and secure with 2 screws

Repeat at every point where the rails insert into the upright

Secure both sides of the gate

TIP. When determining screw location, position hinge on upright to avoid later interference from screws



Position and Secure Center Brace

Find center of top
and bottom rail

Position vertical
brace in center

Secure with 4 screws
at each dissecting
point



Position and Secure Diagonal Braces

For short gates it may be necessary to trim the diagonal braces

Lay braces diagonally from center towards bottom ends of gate uprights

Secure braces to rails with 4 screws at each dissecting point

Repeat the pattern on the opposite side and secure with screws



Attach Post Cap

Attach gate upright
Caps with Silicone
Caulk or PVC Cement



Finished Gate



Install Hinges

Determine position of hinge on
fence post and gate upright
Use pencil to mark hole locations

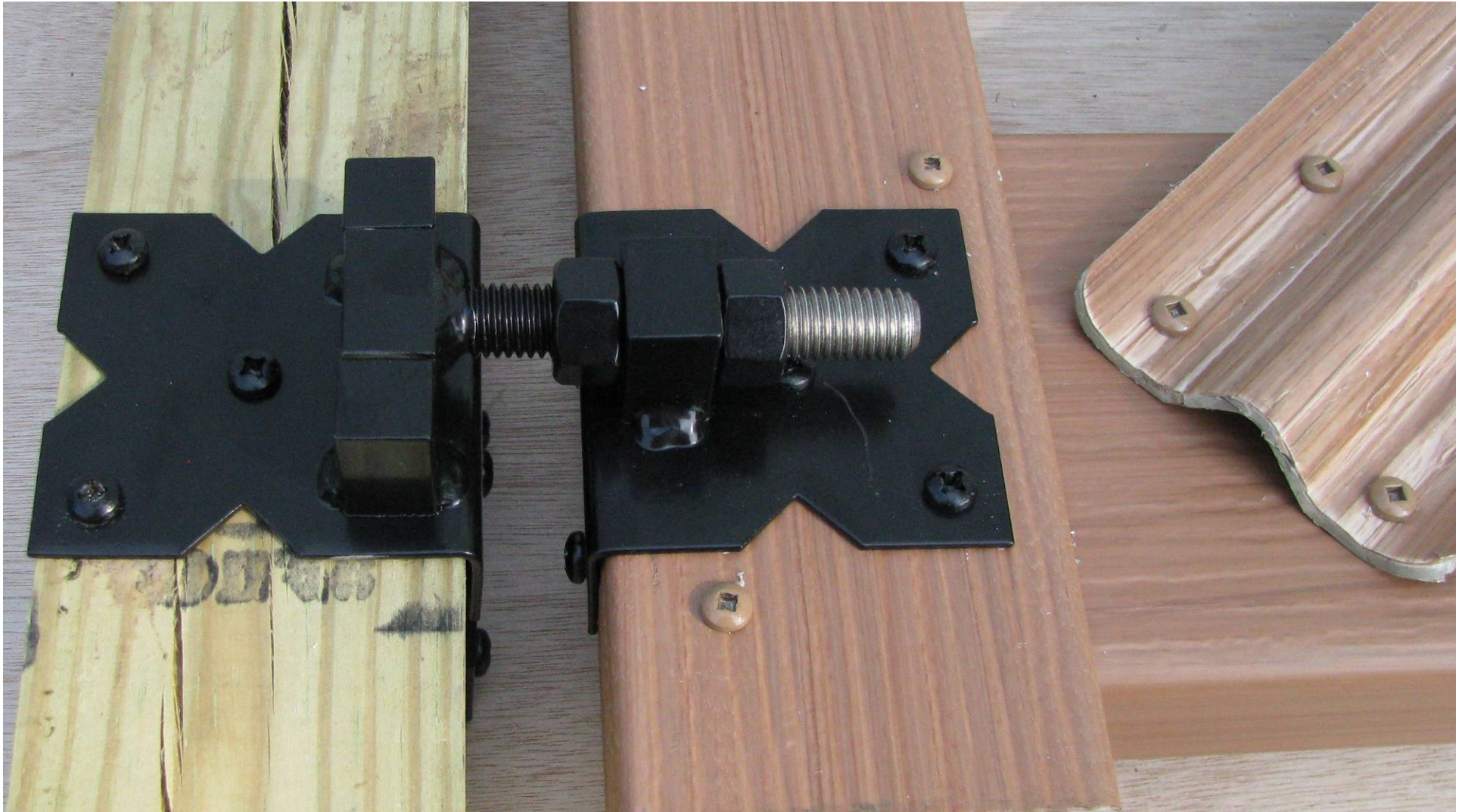
Drill $\frac{7}{32}$ " pilot holes into upright

Secure receiver portion of hinge
to upright

Attach opposite side of hinge to
fence post

Set fence post





Slide bolt portion of hinge into the receiver and align the gate
by adjusting the nuts with 15/16" wrench

Assemble Latch

Latch catch is designed for left or right hand gate

Determine catch orientation and install Clapper Bars

Long Clapper Bar will protrude above catch to assist in opening gate

Short Clapper Bar will be positioned in channel below

Attach to fence post

Attach Striker Bar after all aligning is complete





Finished gate with hardware attached