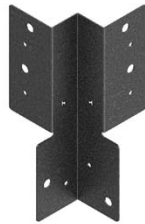


HDG ENGINEERED PRODUCTS

Corner Beam Bracket Assembly



Featuring:
The H2-GCB Bracket

209 Tidwell Drive Alpharetta, Georgia 30004 Office 770-777-7007 ~ ext. 234 E-mail: info@hdgep.com
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1




INSTALLATION GUIDE FOR SINGLE STORY BRACKETS

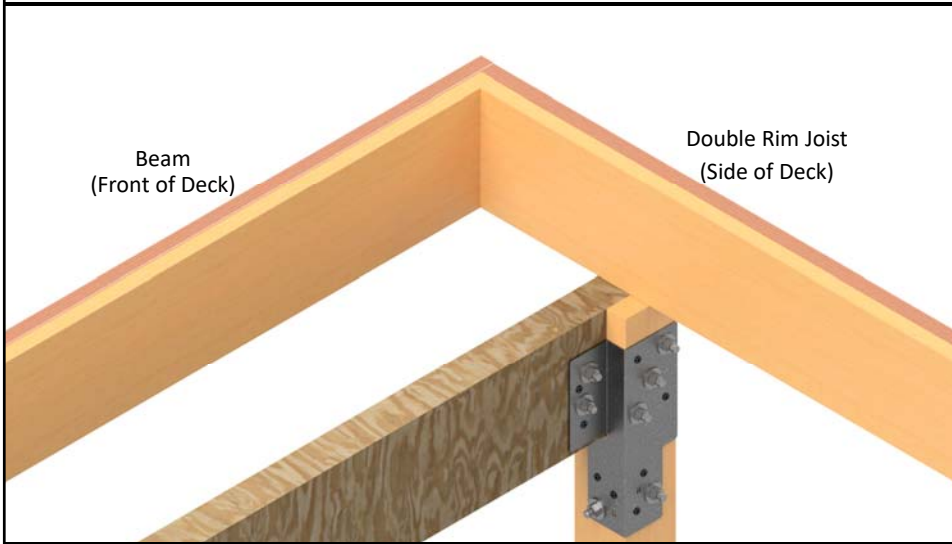
Read Guide Completely Before Installation

- **Check for Additional Requirements**
 - Per Deck Design Professional AND local code authority
- **Water Intrusion**
 - ****INSTALLER IS RESPONSIBLE FOR PREVENTING WATER INTRUSION****
 - Verify all bolts and caulks are tightened
- **Fasteners:**
 - Installed **ONLY** in provided and specified holes
 - Are to meet or exceed local code requirements.
 - Recommended: HDG ASTM 123 Hot Dipped Galvanized or Stainless Steel
- **Certifications:**
 - HDG, Inc. Engineered Products: **Subject to 1 Year Limited Warranty**
 - USPTO: No. 10,024,046: Bracket Bracing System
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**Instructions are not intended to replace deck construction plans.
Shown for product illustration purposes only.**

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See www.hdgep.com for Instructional Video and Individual Product Specifications

Lay framing upon constructed beam and ledger. A cantilevered deck is used to display the function of this bracket. It can be used for similar purposes. 




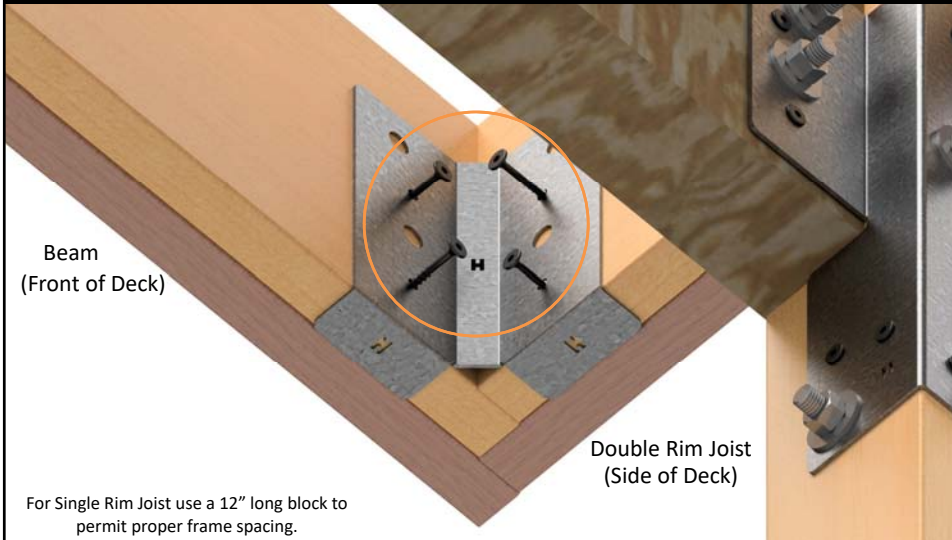
Beam
(Front of Deck)

Double Rim Joist
(Side of Deck)

In this case, we are using (2) 2x12's for beam and rim joist.
Nail overlapped boards typically to hold them in place.

3

Place the H2-GCB bracket flush against corner, ensuring the bracket is flush along the bottom of the rim joist and beam. 



Beam
(Front of Deck)

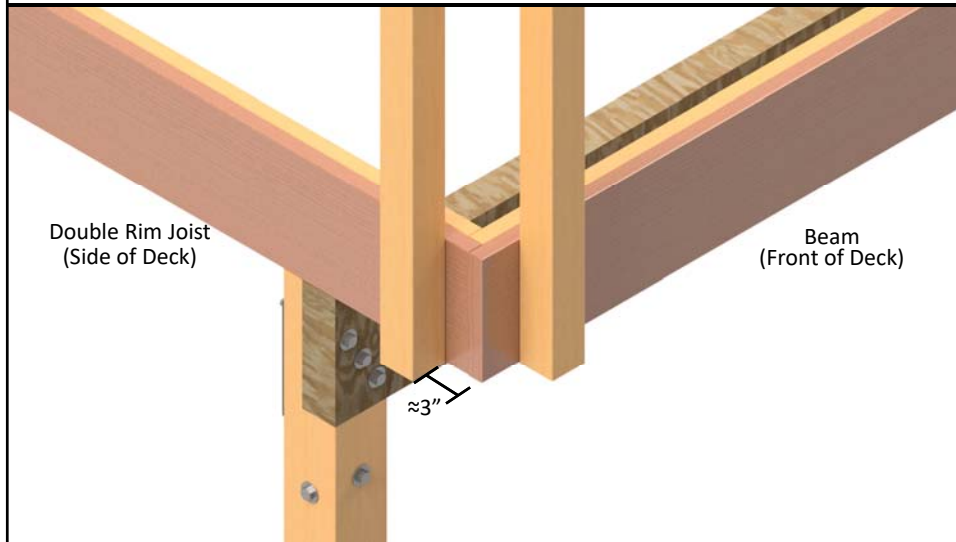
Double Rim Joist
(Side of Deck)

For Single Rim Joist use a 12" long block to permit proper frame spacing.

(Optional: can use screws or nails to temporarily hold in place.)

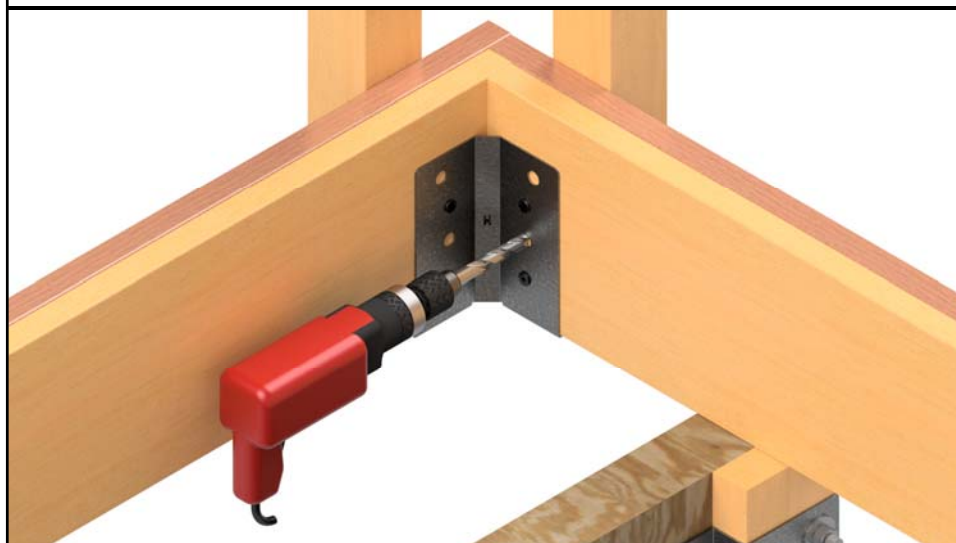
4

Cut 4x4 handrail posts and toenail or clamp them so that they align with the bolt holes on the bracket side flanges.




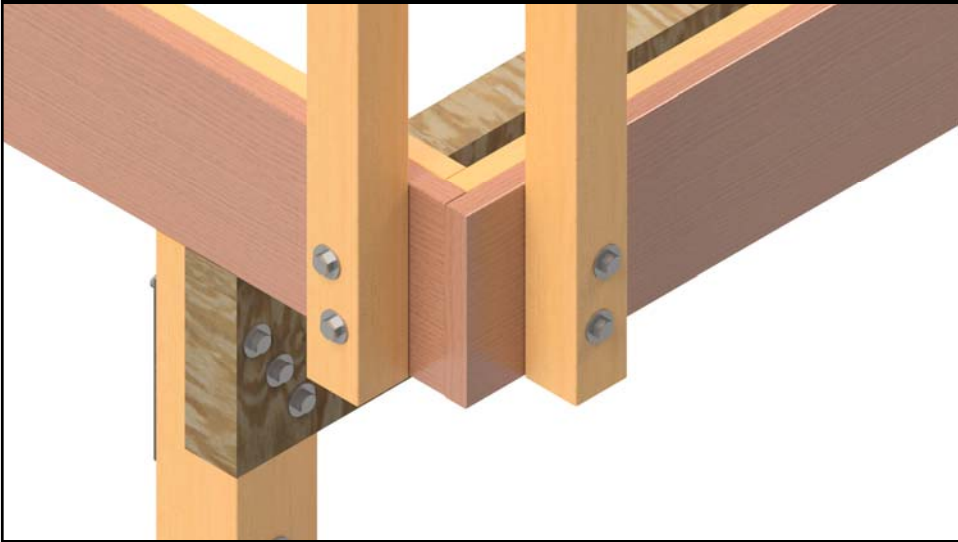
5

Drill, using each bolt hole in bracket as guides, through all lumber with a minimum 1/2" hole for 1/2" bolts or 5/8" hole for 5/8" bolts.




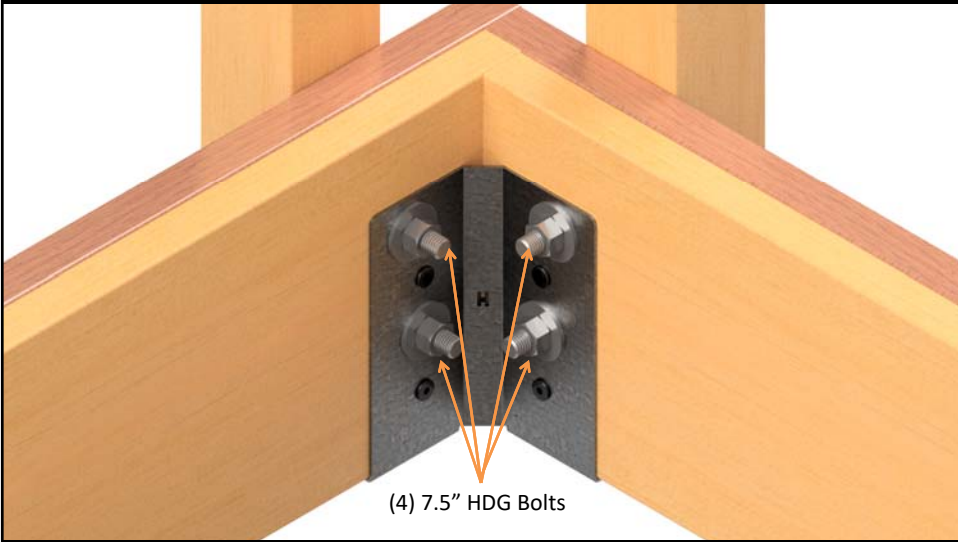
6

Installing bolts through the outside, fasten them inside the deck with code approved fasteners. 




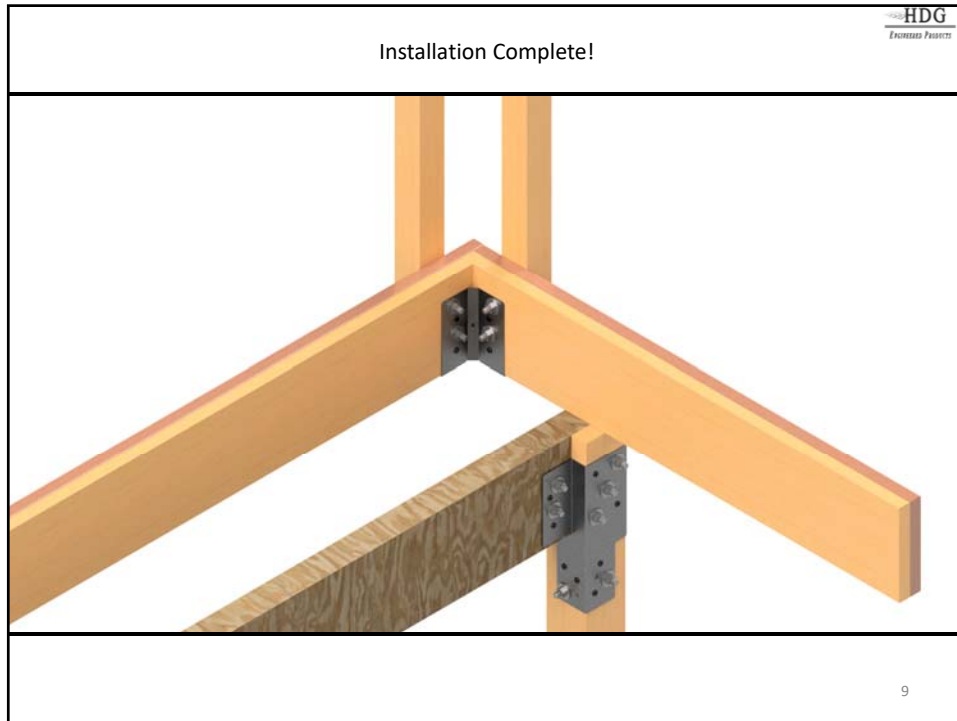
7

Torque per recommended wood council specs. Bolts are 1/2" diameter minimum. 



(4) 7.5" HDG Bolts

A307 bolts 5/8" thick should be torqued to 73 ft/lbs. A307 bolts 1/2" thick should be torqued to 37 ft/lbs. 



HDG
Engineered Products

Corner Beam Bracket Assembly Guide

** Read Guide Completely Before Installation **

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