

XXXXXX VERSION 2: 6 MOUNTING POINTS XXXXXX

Fasteners:

(\$20.87/ea x1 = \$20.87) Paulin #6x1-5/8" Flat Head Square Screws (500pc)

(\$2.51/ea x16 = \$40.16) Paulin 3/8x4-1/2" Hex Head Cap Screw

(\$0.31/ea x44 = \$13.64) Paulin 3/16x2" Hanger Bolt

(\$0.26/ea x16 = \$4.16) Paulin 3/8-16" Hex Nut

(\$0.59/ea x32 = \$18.88) Paulin 3/8" Fender Washer

Caulking:

(\$11.27/ea x1 = \$11.27) DAP DYNAFLEX ULTRA Caulking (300mL)

Wood:

(\$14.32/ea x5 = \$71.60) MicroPro Sienna 2"x4"x12' Pressure Treated Cedar

(\$17.62/ea x8 = \$140.96) MicroPro Sienna 4"x4"x8' Pressure Treated Cedar

(\$17.48/ea x2 = \$34.96) OSB 7/16" 4"x8"

L-Shape Braces:

(\$25.21/ea x 2 = \$50.42) Everbilt 1-1/2" 4-Hole Corner Brace (80pc)

Total Cost (Tax excluded): \$406.92

Total Cost (Tax included (13%)): \$459.82

Bill of Materials:

16 3/8x4-1/2" Hex Head Cap Screws

44 Hanger Bolts

32 Fender Washers

16 3/8-16" Hex Nuts

426 #6x1-5/8" Flat Head Square Screws

147 1-1/2" 4-Hole Corner Brace

44in^2 of OSB

56' of 4"x4"x8' Pressure Treated Cedar

88' of 2"x4"x12' Pressure Treated Cedar

300mL of Caulking

SEL-S149L

Selby Folding Leg Fitting - EACH (Bronze)

★★★★★ 8 reviews

\$6.25 each List Price: \$6.51 You Save: \$0.26

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Usually ships out in 1 to 2 business days

Have a product question? Ask us

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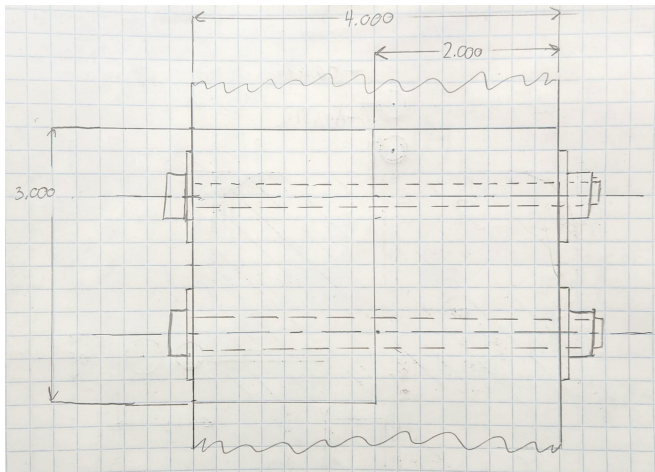
How about a 180* hinge instead like this:



E

If it is joining 4"x4"x3 cedar beams, those metal tabs may be prone to deformation.

Also, the 90 degree angle will only allow the maximum angle to be 90 degrees. When folded, this would make a 3ft x 3ft L lol



This is what I was thinking for 4 washers, 2 bolts and 2 nuts.

Just a simple lap joint so the beams can be disassembled from 1 6ft beam to 2 3ft beams.

VERSION 3: 6 MOUNTING POINTS

Fasteners:

(\$20.87/ea x1 = \$20.87) Paulin #6x1-5/8" Flat Head Square Screws (500pc)

(\$2.51/ea x16 = \$40.16) Paulin 3/8x4-1/2" Hex Head Cap Screw

(\$0.31/ea x36 = \$11.16) Paulin 3/16x2" Hanger Bolt

(\$0.26/ea x16 = \$4.16) Paulin 3/8-16" Hex Nut

(\$0.59/ea x32 = \$18.88) Paulin 3/8" Fender Washer

Caulking:

(\$11.27/ea x1 = \$11.27) DAP DYNAFLEX ULTRA Caulking (300mL)

Wood:

(\$14.32/ea x6 = \$85.92) MicroPro Sienna 2"x4"x12' Pressure Treated Cedar

(\$17.62/ea x8 = \$140.96) MicroPro Sienna 4"x4"x8' Pressure Treated Cedar

(\$17.48/ea x2 = \$34.96) OSB 7/16" 4"x8"

L-Shape Braces:

(\$25.21/ea x 2 = \$50.42) Everbilt 1-1/2" 4-Hole Corner Brace (80pc)

Total Cost (Tax excluded): \$418.76

Total Cost (Tax included (13%)): \$473.20

Bill of Materials:

16 3/8x4-1/2" Hex Head Cap Screws

36 Hanger Bolts

32 Fender Washers

16 3/8-16" Hex Nuts

360 #6x1-5/8" Flat Head Square Screws

144 1-1/2" 4-Hole Corner Brace

36ft² of OSB

44' of 4"x4"x8' Pressure Treated Cedar

72' of 2"x4"x12' Pressure Treated Cedar

300mL of Caulking

Fasteners:

(\$20.87/ea x1 = \$20.87) Paulin #6x1-5/8" Flat Head Square Screws (500pc)

(\$2.51/ea x16 = \$40.16) Paulin 3/8x4-1/2" Hex Head Cap Screw

(\$0.31/ea x36 = \$11.16) Paulin 3/16x2" Hanger Bolt

(\$0.26/ea x16 = \$4.16) Paulin 3/8-16" Hex Nut

(\$0.59/ea x32 = \$18.88) Paulin 3/8" Fender Washer

Caulking:

(\$11.27/ea x1 = \$11.27) DAP DYNAFLEX ULTRA Caulking (300mL)

Wood:

(\$14.32/ea x6 = \$85.92) MicroPro Sienna 2"x4"x12' Pressure Treated Cedar

(\$17.62/ea x8 = \$140.96) MicroPro Sienna 4"x4"x8' Pressure Treated Cedar

(\$17.48/ea x2 = \$34.96) Oriented Strand Board 7/16" Thickness, 4"x8"

L-Shape Braces:

(\$25.21/ea x 2 = \$50.42) Everbilt 1-1/2" 4-Hole Corner Brace (80pc)

Total Cost (Tax excluded): \$418.76

Possibly switch from 3/8 to 1/2