

BRACKET INSTRUCTIONS

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The following instructions are meant to instruct the individual utilizing the bend a shed's bendable angled joists and T-bracket system. The instructions presented here are for the bracket bending and placement.

Always check with your local building codes for size restrictions, if any exist, in your township/county. Typical limitations are 120 sq. Feet.

Typical Tools for a safe and efficient build:

- Two people willing to get their hands dirty
- Work gloves
- Safety glasses
- Hammer
- Hand saw (circular saw – even better)
- Phillips #2 screwdriver
- Clamps (quick clamps preferred) for holding the bracket to the wood during assembly
- Level
- Framing square
- Step ladder
- utility knife
- Wood pencil
- Tape measure
- Hand drill with a Philips head driver (may want to have a drill set handy too)
- At least two feet clearance around the base of the structure

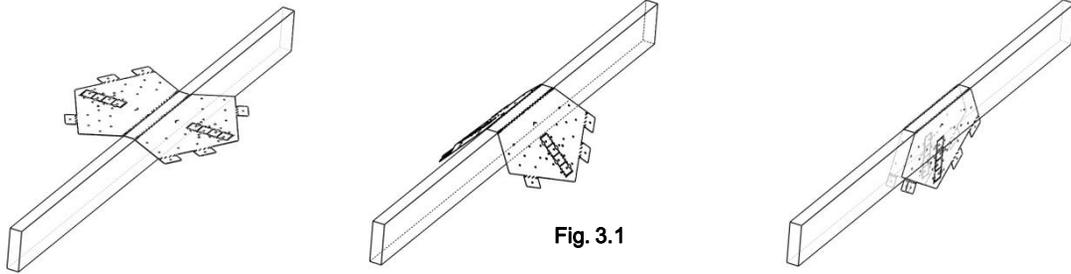
The basics :

The basic bend a shed kit is composed of 6 angled joist brackets and 16 T-brackets which are used in conjunction with the proper wood selection to give you a best in class DIY (do-it-yourself) shed on the market. The brackets are designed to minimize the amount of material needed for the structure while increasing the overall stability and quality of your structure.

Part 1 : Bending The Angled Brackets

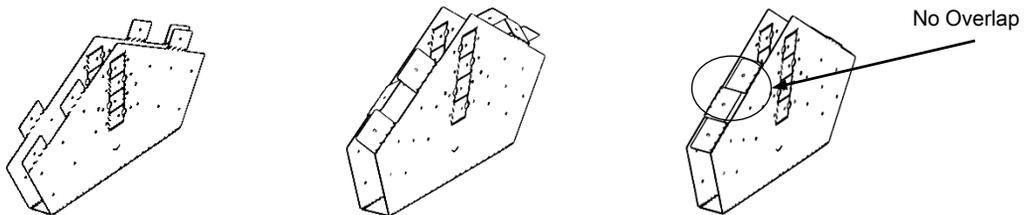
Note: Videos are available on our website at <http://www.bendashed.com/galleryVideo.php>

1. Step one – bend the main fold lines of the angled bracket to 90 ° on all 6 brackets.

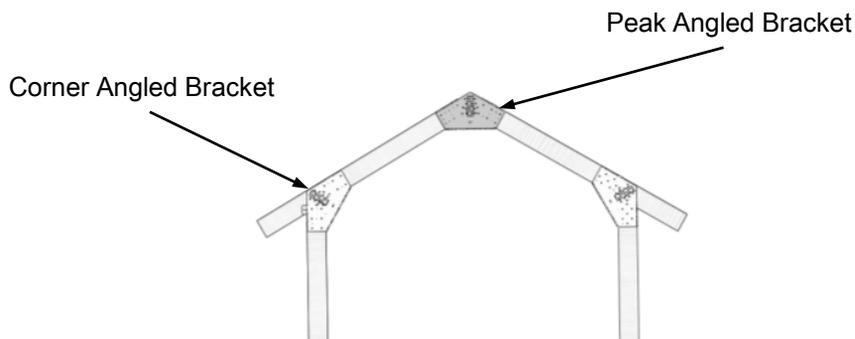
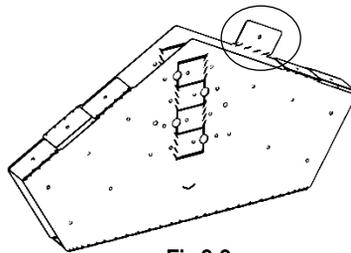


2. Step two – take 2 of the brackets that will be used as the peaks for the front and back a-frames and bend all of the top tabs to 90 ° .

1. To make sure that the bracket is properly folded, the edges of the small tabs will not overlap



3. Step three – take the remaining 4 angled brackets and fold all of the top tabs except for one to allow the diagonal roof rafter to pass through the bracket



Part 2 : Assembling the A-frames

1. Place one of the 2x6 diagonal (rafter) boards into one end of the peak angled brackets.
 1. Be sure to use a Phillips #2 screw drive as a stopper for the 2x6 and ensure that the top tabs are flush with the 2x6.
 2. Clamp the bracket to hold the 2x6 secure while screwing or nailing.

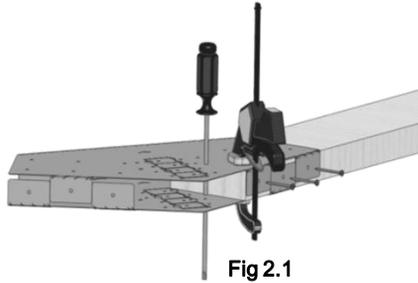


Fig 2.1

2. Once the 2x6 is in the bracket - properly flush and located, while ensuring the top tabs are not overlapping, drive screws into the holes provided in the top tabs.
 1. Be sure to leave the clamp on until all three screws are driven in through the small top tabs.
 2. Next, drive in at least 4 screws into each side of the 2x6 through the bracket to ensure a tight grip.
 3. Make sure there is no cracking in the wood once all the screws are in place. If cracking appears, the wood may be too dry and it should be replaced.

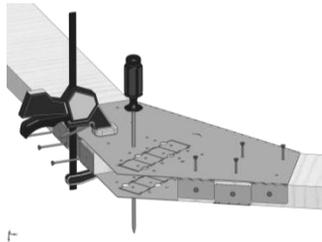


Fig 2.2.1

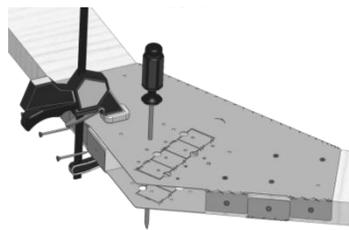


Fig 2.2.2

3. Repeat step 1 and 2 with the other 2x6 diagonal (rafter) when inserted into the other end of the angled bracket.
4. Next, repeat step 1, 2 and 3 for the other peak angle bracket. Once completed, you should have two angled brackets each with two boards located in them as shown below:

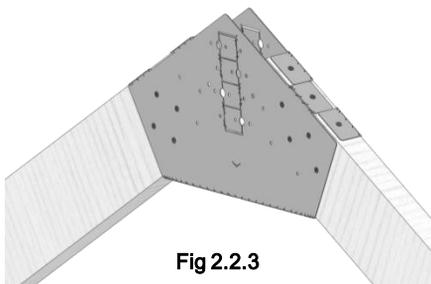


Fig 2.2.3

Note:
There seven possible
hole locations only 4
should be required

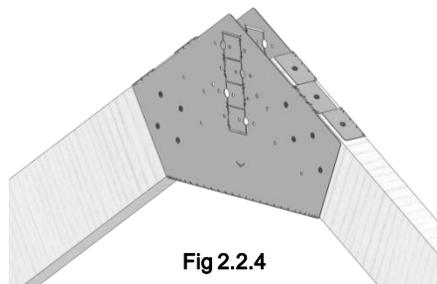


Fig 2.2.4

Part 3 : T – Bracket Forming and Install

1. T-brackets folding technique (all 16 are folded the same fashion).
 1. Bend the T-bracket in the middle to 90 °.
 2. Bend the smaller tabs the opposite direction to 45 °. See the image below.

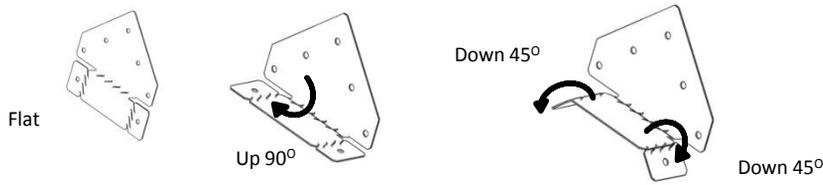


Fig 4.1

2. T-bracket mounting lateral wall supports
 1. Attach 2 folded T-brackets to each end of each lateral wall support.
 1. Using a level (or spare 2x4) for squaring, clamp the T-brackets to the end of the lateral board.
 2. Drive in 3 screws to mount each T-bracket.
 3. Repeat for each end of the lateral wall supports.

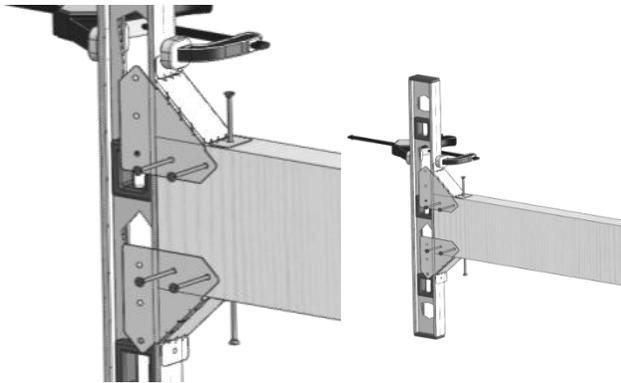


Fig 4.2

2. Attach each end of the lateral wall supports to the main frame.
 1. T-brackets may be attached either edge-to-edge or face-to-edge as shown below.



Fig 4.3