

DIY FUSELAGE SUPPORT BRACKET

GEAR JACK MODELS GJ-DIY-FSB-12, -16, -20

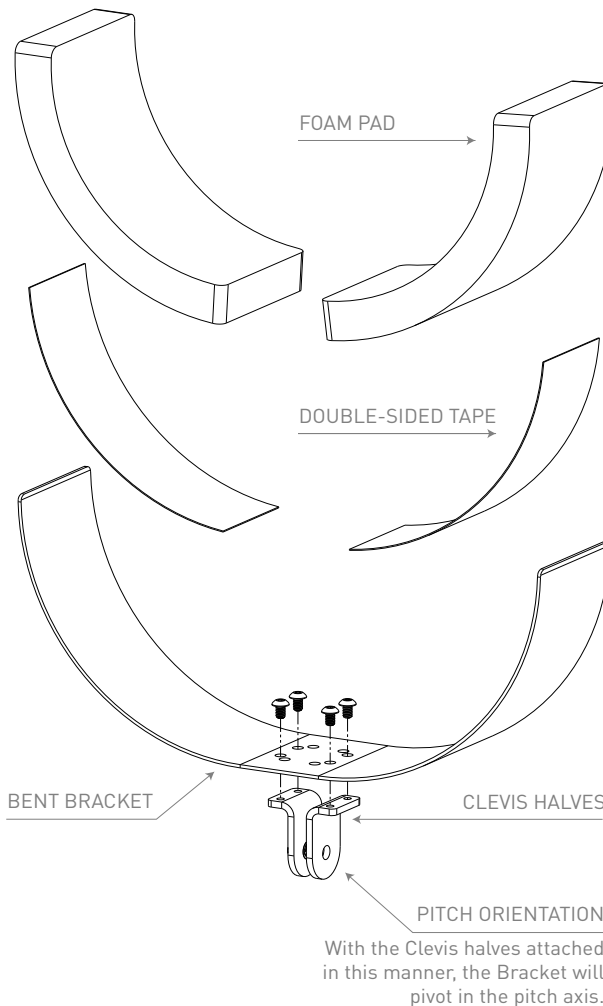
1 Choose where on the fuselage the support Bracket will be located.

2 Decide whether the Bracket will pivot in the pitch axis or the roll axis of the airplane. The Bracket has mounting holes for both orientations.

3 Use a stiff wire or paper card to make a pattern of the Bracket shape where it will contact the fuselage.

4 Use the pattern from Step 3 to make a second, larger pattern, allowing for the thickness of the Foam Pads.

5 Using a 'former' (e.g. pipe, wheel, slots in a wooden picnic table or deck, etc.) begin bending the Bracket to match the pattern from step 4. Check your progress often. **AVOID BENDING IN THE AREA WHERE THE CLEVIS HALVES WILL BE ATTACHED. THIS AREA MUST REMAIN FLAT.**



6 Attach the Clevis Halves to the Bracket using the [4] 8-32 x 1/4" Button Head Socket Screws. **USE CARE TO AVOID CROSS THREADING SCREWS!**

7 Before attaching the double-sided tape or foam pads, test fit the Bracket on the fuselage with the Foam Pads in place but 'loose.' Adjust the bends if needed.

8 Before attaching the Double-Sided Tape, determine the margins around the Tape on the Bracket and the Foam Pad.

9 Remove the printed liner from the Double-Sided Tape and attach the tape to the Foam Pads.

10 Remove the other liner from the Double-Sided Tape and attach the Foam Pads to the Bracket.

With the Clevis halves attached in this manner, the Bracket will pivot in the pitch axis.

TOOLS

Required: 3/32" Hex Key

Optional: Bending formers, Thread locker (Blue Loctite®)

NOTES:

1. At Step 6: Take extra care to avoid cross threading Socket Head Screws.
2. At Step 6: Thread locker (Blue Loctite®) is not required but may be used.
3. At Steps 8 and 9: Test fit both the double-sided tape and foam pad to determine margins prior to assembly.

