



Capital City Corvette Club – Tech Corner

Installing a Targa Brace on Your C4

By Kyle Felts

If you own a C4 Corvette and love driving with the targa top off, you've probably felt the body flex a bit—especially over bumps or while cornering. That's just part of the open-air experience... until you add a brace.

A few years back, I installed the Astro Tops Anti-Flex Support Bar (AFSB) and shared the write-up on Corvette Forum. Astro Tops has since gone out of business, but today you can still get nearly the same product from Mild 2 Wild Fabrication & Laser, who now produce a similar Targa Brace for 1989-1996 C4s. The design, fitment, and benefits remain the same, because the way a top or brace bolts into a C4 hasn't changed.

What It Is

The brace is a rigid powder-coated steel bar that bolts into the same mounting points your targa top normally uses. It provides chassis stiffness when the roof panel is off, reducing flex, squeaks, and rattles while making the car feel more solid and connected.

- Manufacturer (current): Mild 2 Wild Fabrication & Laser
- Years covered: 1989-1996 C4s
- Materials & options: 1½" structural steel tubing, CAD-designed, with finishes in gloss red, gloss black, matte black, or custom colors
- Cost: about \$575 for standard finishes

Tools You'll Need

- ½" open-end wrench (thin profile)
- T-30 Torx bit
- T-40 Torx wrench
- Patience for alignment

Installation Steps

1. Unbox & Inspect – Stage hardware, loosely thread bolts in place—don't tighten yet.

Unboxing the Targa Brace:



2. Rear Mounts First – Loosen the factory bolts, position the brace cones into the cups, and thread the bolts just enough to hold.

3. Install the Front – Line up the front brackets, thread in bolts loosely.



4. Align & Center – Step back and make sure the brace is even—most shift about ¼" if you don't correct before final tightening.

5. Torque to Finish – Once centered, go back and tighten all bolts front and rear.

What to Expect

The improvement is immediate. With the top off, body flex is reduced, rattles are quieter, and the car just feels more composed. It's a simple bolt-on project that makes a big difference whether you're out on a spirited drive or cruising to an event.

Finished installation on my C4:



For reference, you can see my original install write-up (with photos) still posted on Corvette Forum: Search User Kyle F

Drive safe—and don't forget to wave!

— Kyle Felts, Capital City Corvette Club