

# Chevrolet Corvette Adapters

For Chevrolet Corvette  
(1997 - )



**USERS MANUAL**  
**PART NO. 150423**





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## Introduction

Specially designed Chevrolet Corvette adapters (see Figure 1) can be used with the Universal Measuring System's (UMS) pinchweld stands/adaptor tubes or with Universal Anchoring System (UAS) bases. The adapters allow the positive anchoring of Chevrolet Corvettes (1997 - ).

The Corvette anchoring components allow attachment of hold down brackets to oval holes on underside of vehicles rocker panels. The hold down brackets then mount to either UMS basic stands/adaptor tubes or to clamp bar tubes inserted in UAS bases.

## Instructions

1. Remove plugs from oval holes in bottom of rocker panels.
2. Lift one side of vehicle and position anchoring stands (see options – Figure 1) at front and rear corners of center section.
  - a. If using UMS pinchweld stands, first lift one side of vehicle and position mounting brackets on mainframe below front and rear corners of vehicle's center section. Then slide stands into the brackets but do not secure them in the brackets nor secure the brackets to the mainframe.
  - b. If using UAS bases, insert UMS adapter tubes, clamp bar tubes, or optional cradle mount tubes and position bases at front and rear corners of center section.
3. Insert head of threaded hold down attachment into oval hole at front corner of center section (see Figure 2) and turn attachment 90 degrees so that head straddles inside of oval hole.
4. Slide oval spacer and oval insert onto threaded end of hold down attachment. (See Figure 3.) Oval insert must fit within oval hole on underside of rocker panel. (See Figure 3 inset.)

**NOTE:** Early 1997 production models of Chevrolet Corvettes do not require use of oval spacer.

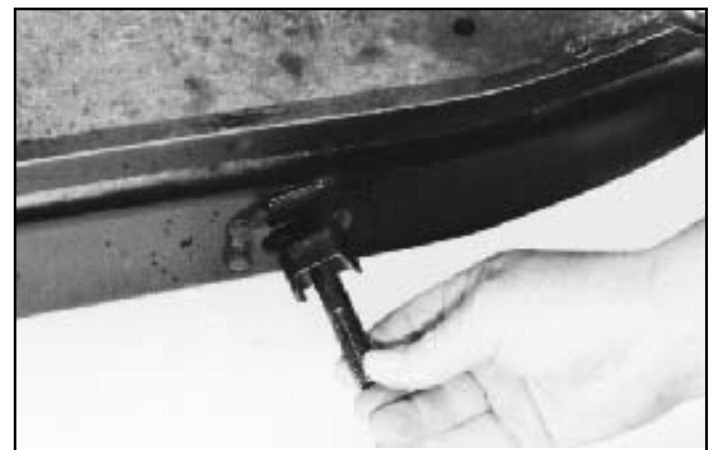
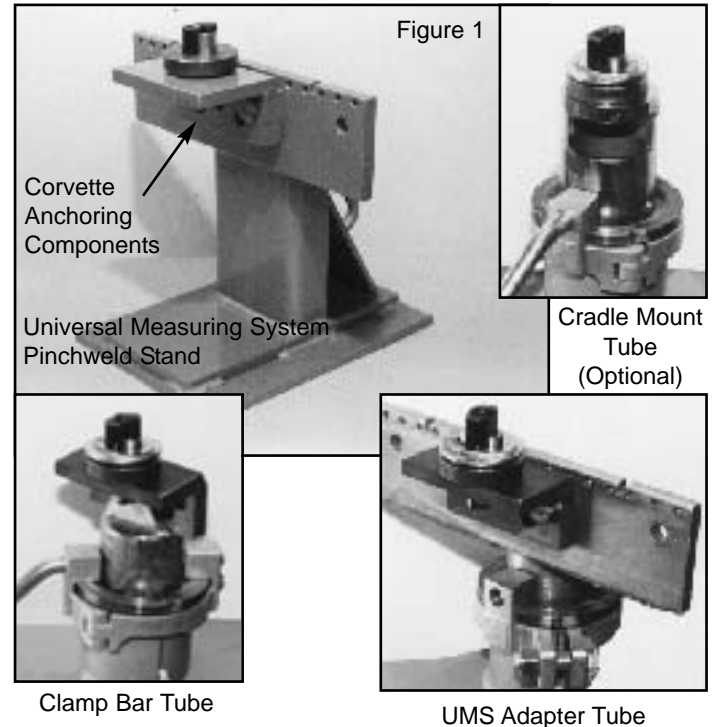


Figure 2

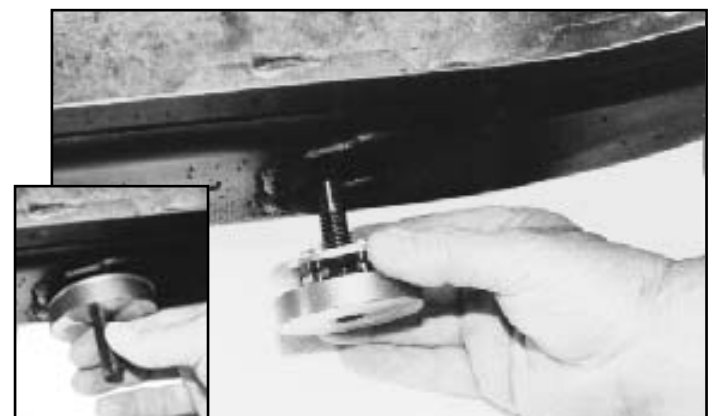


Figure 3

5. Slide Corvette hold down bracket onto threaded end of oval hold down attachment. Secure the assembly using 1/2-13 NC nut and 1/2-A325 ZP washer. Horizontal plate of hold down bracket must be flush with bottom of oval insert. (See Figure 4.)

**NOTE:**

1. Vertical plate of hold down bracket must face outward as shown in Figure 4.
  2. Horizontal plate of hold down bracket has two mounting holes. Use hole nearest vertical plate if using UMS pinchweld stand or UAS base with adapter tube. Use hole furthest from vertical plate if using UAS base with clamp bar tube. If using UAS base with optional cradle mount tube (see Figure 1 inset), do not use hold down bracket but instead secure attachment to top of tube.
6. Repeat Steps 3-5 at rear corner of center section.

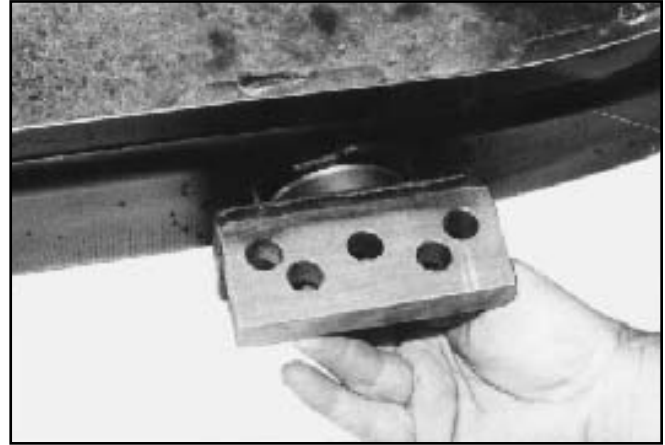


Figure 4

7. Lower vehicle and mount Corvette hold down bracket to anchoring stand:
- a. When mounting to UMS stand or UAS stand with adapter tube, align outer holes of hold down bracket with inner holes of anchoring stand. Use anchoring stands existing bolts, nuts and washers to secure the assembly. (See Figure 5 and its inset.)
  - b. When mounting to UAS base with clamp bar tube, position hold down bracket's vertical plate between clamp bar tube's ears aligning middle hole in vertical plate with holes in clamp bar tube's ears. Secure the assembly using 1/2 - 13NC x 2 bolt and 1/2 - 13NC nut. (See Figure 6.) Then raise vehicle to appropriate height and insert the stands' height adjustment pins. Then loosely attach UAS bases to mainframe using existing bolts and fastener plates.

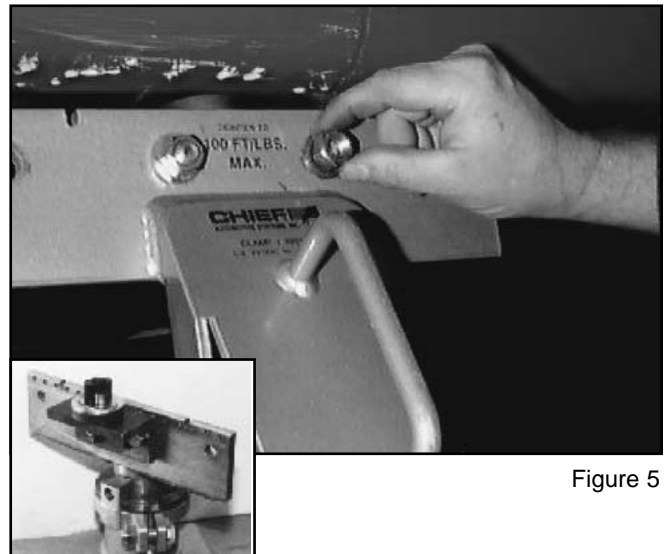


Figure 5

8. Repeat Steps 2 - 7 on opposite side of vehicle.
9. After attaching all four Corvette attachments to the vehicle and to their respective anchoring stands, firmly secure the stands to the mainframe.

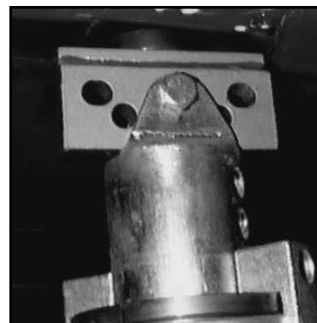


Figure 6

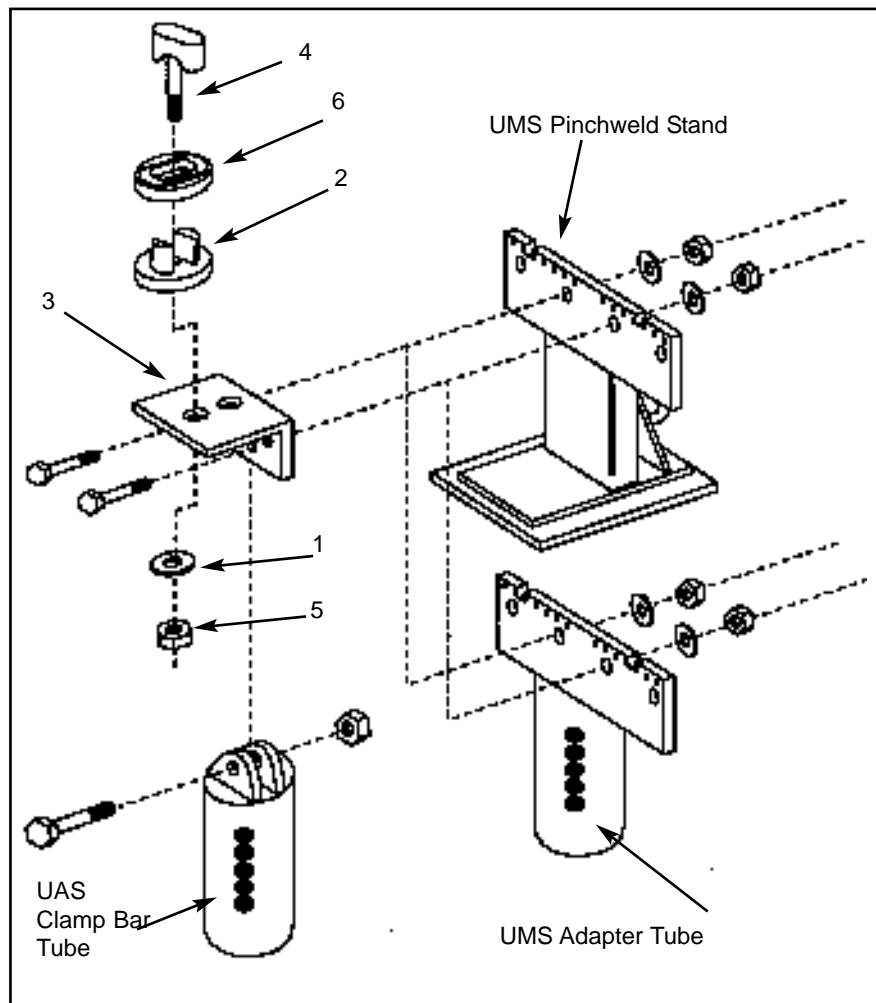
**Parts Ordering Information**

To order replacement parts for Chevrolet Corvette adapters (1997 - ) call Chief Automotive Technologies, Inc. 800-445-9262. If located outside United States contact an authorized Chief Automotive Technologies, Inc. representative.

When contacting Chief Automotive Technologies, Inc. by telephone or mail, provide the following: name, name of shop, shop telephone number, shop address, description of part and part number. Refer to parts illustration and parts list.

Ref.	Part No.	Description
1	019095	Structural Washer, 1/2 A325 ZP
2	532350	Frame Insert Oval
3	532356	Corvette Hold Down Bracket
4	519637	Hold Down Assembly (threaded)
5	620736	Nut, 1/2 - 13 NC, Gr. 8, Hex, Pl.
6	532354	Spacer (late 1997 production models)

**NOTE:** Chevrolet Corvette adapters mount to Universal Measuring System (UMS) pinchweld stands (shown here), UMS Adapter Tubes (not shown), or to clamp bar tubes which fit in Universal Anchoring System (UAS) bases.







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