

# Pocket Wedge Assembly Instructions

## Tools Needed:


1. Metal Saw Cutting Blade
2. 3/16" Allen Wrench
3. 9/16" Socket
4. 1/2" Open End Wrench

**IMPORTANT NOTE: PRIOR TO BEGINNING INSTALLATION VISUALLY INSPECT THE POCKET HOLES ON YOUR TRUCK. THERE ARE MANY VARIATIONS OF POCKET HOLE AND THEY MUST ACCOMMODATE THE WEDGE SYSTEM AND BE FREE OF OBSTRUCTIONS**

- **LARGE WEDGE SYSTEM**
  - Measures 2" Front-to-Back
  - Expands from 1 1/2" to 2" Left-to-Right
  - 7 7/8" Tall Set of Shims (must be cut to length)
- **SMALL WEDGE SYSTEM**
  - Measures 2" Front-to-Back
  - Expands from 1 1/4" to 1 3/4" Left-to-Right
  - 7 7/8" Tall Set of Shims (must be cut to length)

**REMOVE ANY OBSTRUCTIONS IN THE POCKET HOLES PRIOR TO BEGINNING INSTALLATION.**

1. Fold down tailgate to create a working platform.
2. Place shipping box on tailgate and verify contents:
  - a. 1 – 80" aluminum Mounting Bar (may be cut to length with metal cutting saw blade)
  - b. 2 Mounting Bar End Caps
  - c. 2 Pocket Wedge Bases
  - d. 2 Pocket Wedge Assemblies
    - i. 3/8" bolt, flat washer, upper wedge, lower wedge (3/8" dowel nut installed), 2 - 7 7/8" shims)
  - e. 2 Slider Assemblies
  - f. 2 - 20" powder coated steel Mounting Tubes (80" Mounting Tubes are available at [www.marquettmounts.com](http://www.marquettmounts.com) for connecting two racks together)
  - g. Two 2" x 6" plastic shim stock (optional)
  - h. Optional Mounting Bar t-slot trim is available at [www.marquettmounts.com](http://www.marquettmounts.com)
3. Determine if you'd like the Mounting Bar shorter to fit your vehicle. The 80" aluminum Mounting Bar can be easily cut using a metal cutting saw blade. The Mounting Bar should not extend beyond the back of the truck.
4. Note the configuration of the Pocket Wedge Assemblies as shipped.
5. Remove one 7 7/8" shim from the Pocket Wedge Assembly and stand it vertically in the pocket hole of your truck with the small drilled hole facing upward above the truck bed rail. Draw a pencil line on the Shim just above the truck bed rail. **BE SURE TO MEASURE THE HIGH SIDE OF THE TRUCK BED RAIL AS ONE SIDE CAN BE TALLER THAN THE OTHER. CUT ALL FOUR STEEL SHIMS TO THE SAME LENGTH USING A METAL CUTTING BLADE. THE CUT END CAN THEN BE PAINTED USING ANY EXTERIOR GRADE PAINT. THE CUT END OF THE SHIMS SHOULD BE PLACED DOWN INTO THE POCKET HOLE AFTER CUTTING.**

- a. Remove the 5 ½” bolts from each Pocket Wedge Assembly. The lower wedge is now free.
  - b. Drop the bolt (washer installed) into the slotted hole in the Pocket Wedge Base.
  - c. Pass the bolt thru the Upper Wedge and reattach the Lower Wedge by threading the 3/8” bolt into the Lower Wedge Barrel Nut. The Wedge Assembly should now appear as in photo with the Pocket Wedge Base attached to the Pocket Wedge Assembly.
  - d. Repeat for the other Pocket Wedge Base and Pocket Wedge Assembly
  - e. The Upper and Lower Wedges are now surrounded by the cut-to-length shims as shown in the photo above.
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6. Drop each Assembly into the front and rear pocket, either the driver side or passenger side of the truck, one in front, one in rear (for an 8’ truck box one should be inserted in the middle pocket hole) and check the fit.
    - a. **IMPORTANT: The opposing wedges must be oriented left-to-right in the pocket hole to allow for proper expansion when tightened.**
    - b. The Pocket Wedge Assembly **should fit snugly** in the pocket hole prior to tightening the 3/8 bolt with a 9/16” socket. If necessary, insert the provided 2” x 6” shim stock between the truck pocket hole and the vertical shims to insure a snug fit. Shim stock is available at most auto part stores and [www.marquettmounts.com](http://www.marquettmounts.com). Once tightened, the Pocket Wedge Assembly will expand to securely tighten the Pocket Wedge Bases to the pocket hole.
  7. **The weight of the Assembly should bear in the bottom of the pocket hole, not on the sidewall of the truck. Once aligned, securely tighten the assembly with a 9/16” socket.**
  8. Slide the Mounting Bar over the four t-slot nuts onto the installed Wedge Base Assemblies (hand tighten only). Orient the bar on the truck sidewall with the lettering facing out of the truck bed.
  9. Be sure the entire rack sits squarely and aligned on the truck bed rail.
  10. Securely tighten the 5/16” x ¾” long bolts with a ½” open end wrench.
  11. Install two Slider Assemblies on Mounting Bar in your desired position. TAMPER RESISTANT BUTTON HEAD BOLTS AND MATCHING WRENCH IS AVAILABLE AT [www.marquettmounts.com](http://www.marquettmounts.com)
  12. Install 20” Mounting Tubes in Sliders in desired position and tighten securely
  13. Attach End Caps to Carrier Bar
  14. Enjoy!