AAUZ Z-Bracket Installation


2. Bolt HEAVY-HAUL’R™ Bumper Mounting Bracket Assemblies (sold separately) to AddaBumper™ Brackets following HEAVY-HAUL’R™ Bumper Installation Instructions.

AAUF Flat Plate Installation


2. Bolt HEAVY-HAUL’R™ Bumper Mounting Bracket Assemblies (sold separately) to AddaBumper™ Brackets following HEAVY-HAUL’R™ Bumper Installation Instructions.

Some Bolts may pass through both AddaBumper™ Bracket and Frame depending on mounting location.

Visit www.mount-n-lock.com/installs for full-size instructions.

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Universal Drill & Bolt Instructions

**RECOMMENDED TOOLS**
9/16” wrench, torque wrench with 9/16” socket, power drill with 3/8” bit, and a C-Clamp. If using bolts as self-tappers, add 11/32” bit and a ratchet.

**HOW TO FASTEN PARTS USING ONLY SELF-TAPPING BOLTS (STB)**

**Step 1 (STB):** With your Part clamped in place and using the Part’s bolt holes as a guide, use the 3/8” bit to drill *slightly* into the steel (just to mark the hole centers) as shown in inset.

**Step 2 (STB):** Final Step! Mount the Part to your vehicle’s frame using the supplied Nuts and Bolts. Use a torque wrench on the Nuts to slowly tighten the assembly to 25-30 ft. lbs. **Caution:** Do not over-tighten!

**Step 3 (STB):** Screw bolts slowly into the 11/32” holes using the ratchet and 9/16” socket, pressing in as you turn. **Note:** Use only an 11/32” drill bit for this step!

**Step 4 (STB):** Final Step! Using the torque wrench, slowly tighten bolts to 15-20 ft. lbs. **Tighten carefully!** Over-torquing will strip threads.

*Note: The mounting bolts supplied with your order are self-tapping bolts, meaning that they can cut their own threads into metal, yet they work equally well with the nuts that were also supplied. Use what works best for your application.*

**Self-Tapping Bolts (STB)** work best on 0.120” (~1/8”) or thicker steel. To use **Nuts and Bolts (N&B)**, frame steel thickness should be 0.188” (3/16”) or less as thicker steel may require longer Bolts. **Most frames are 0.120” thick.**

**HOW TO FASTEN PARTS USING NUTS AND BOLTS (N&B)**

**Step 1 (N&B):** With your Part clamped in place and using the Part’s bolt holes as a guide, use the 3/8” bit to drill completely through the wall of the frame member.

**Step 2 (N&B):** Final Step! Mount the Part to your vehicle’s frame using the supplied Nuts and Bolts. Use a torque wrench on the Nuts to slowly tighten the assembly to 25-30 ft. lbs.

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