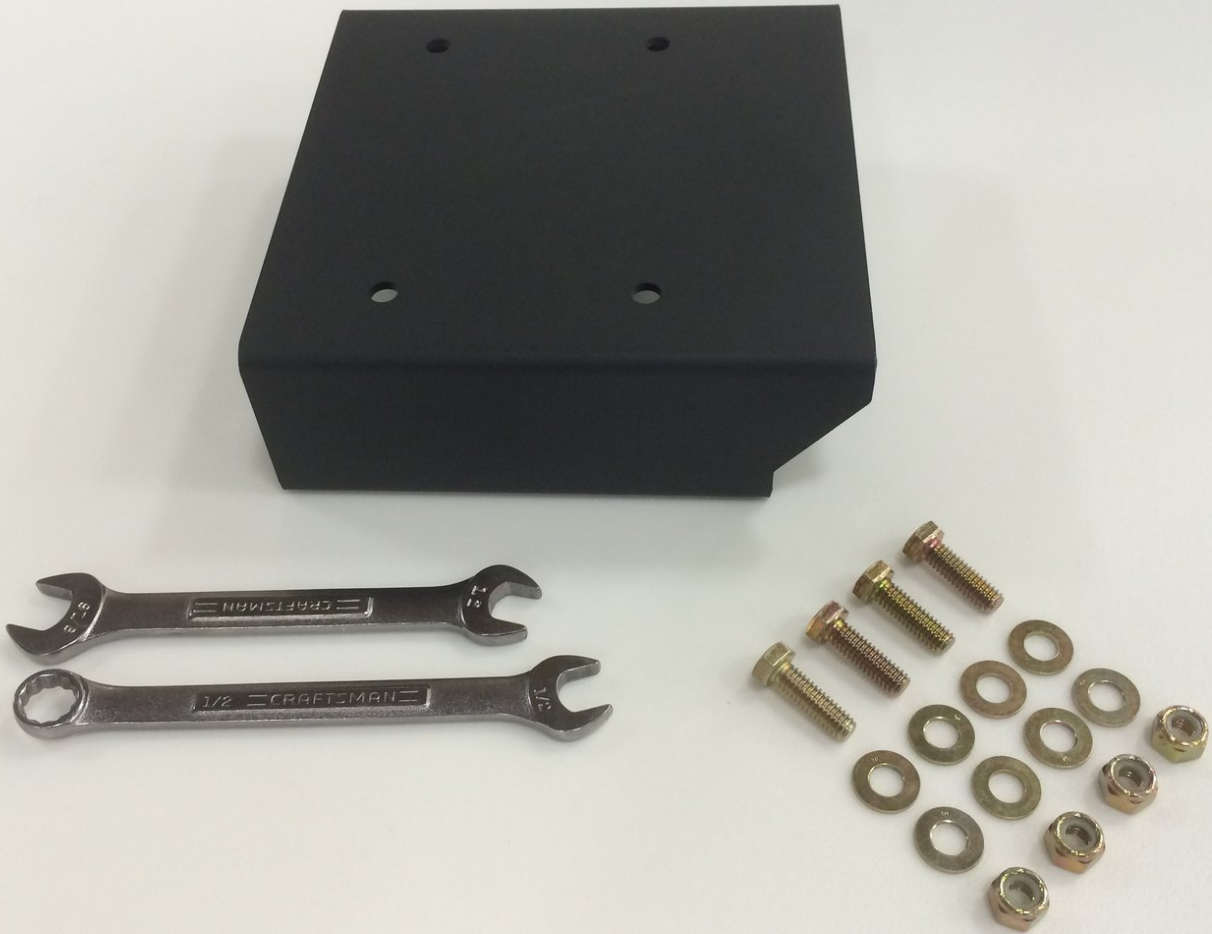




How to install a boost motor mounting bracket on a HyPrecision S-series pump


This guide explains how to install a motor mounting bracket for the boost pump on a HyPrecision 50S, 60S, or 75S waterjet pump. This guide also applies to AccuStream AS-6050, AS-6060, and AS-6075 waterjet pumps.

Written By: Arion Vandergon



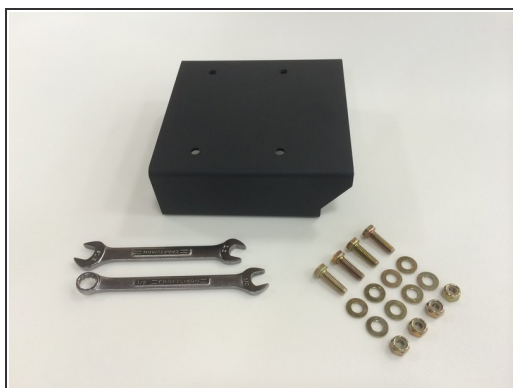
 **TOOLS:**

- Standard 1/2" Open-End, Box-End, or Combination-End Wrench (2)

 **PARTS:**

- 15621 - Boost Pump Mounting Plate (1)
- 5/16 SAE Flat Washer (8)
- 5/16-18 × 1 Hex Bolt (4)
- 5/16-18 Nylon Insert Nut (4)

Step 1 — How to install a boost motor mounting bracket on a HyPrecision S-series pump



- Inspect the kit parts to verify the contents are complete (see the relevant parts list above). If parts are missing or damaged, contact [Hypertherm Waterjet](#) for replacements.
- Loosen the 5/16-18 × 3/4 inch hex bolts (4) that fasten the boost pump motor to the waterjet pump frame.
- Remove the hex bolts (4) and lock washers (4) to free the motor from the frame.

Step 2



- Carefully lift the boost pump motor straight up (this may be easier with a second person).
- Place the boost motor mounting bracket on the waterjet pump frame under the boost motor. The bracket should have the angled edge facing the left (rear) end of the motor.
- Insert the 5/16-18 × 3/4 inch hex bolts (4), 5/16 lock washers (4), and 5/16 SAE flat washers (4) through the bracket into the waterjet pump frame.

Step 3



- Hand tighten the hex bolts (4) into the waterjet pump frame.
- Tighten the hex bolts (4) into the waterjet pump frame using a 1/2" standard open-end, box-end, or combination-end wrench.
- Align the slots (4) on the boost motor with the holes on the mounting bracket.

Step 4



- Slide 5/16 SAE flat washers (4) onto the 5/16-18 × 1 inch hex bolts (4). Insert the bolts and washers through the motor plate and mounting plate. Hand thread the 5/16-18 nylon insert nuts (4) with 5/16 SAE flat washers (4) onto the bolts.
- Use two 1/2" standard open-end, box-end, or combination-end wrenches to tighten the nuts (4) on the hex bolts (4).
- Continue normal pump operation.