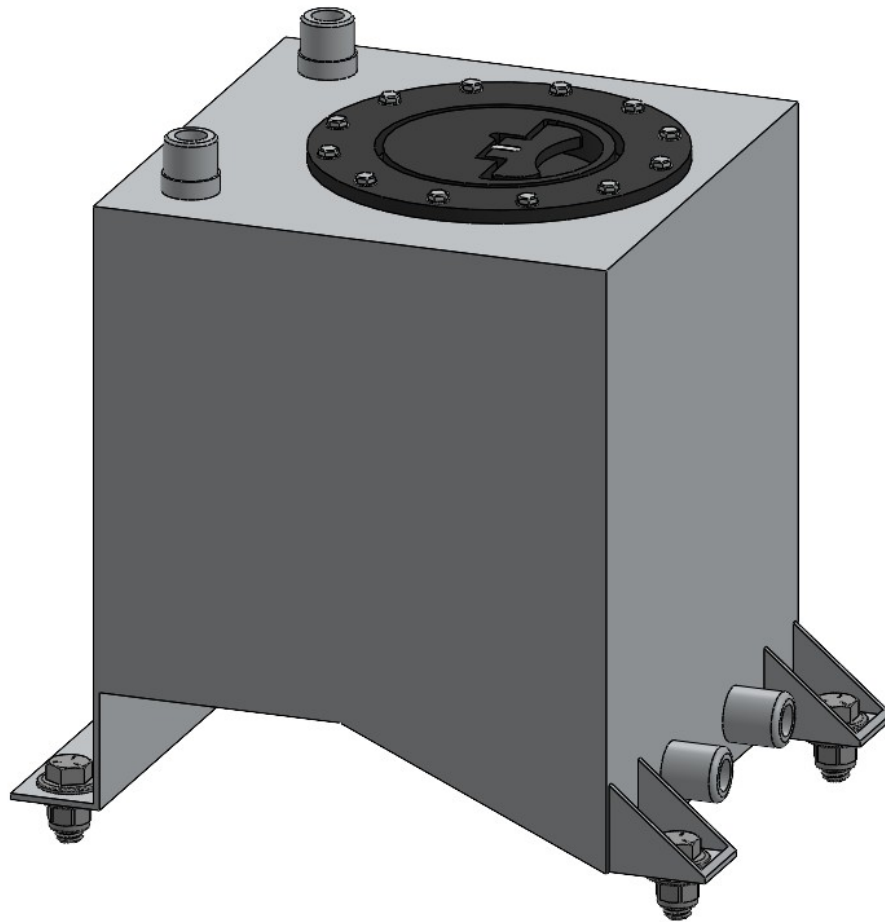


Running Engine Stand



ATW Fuel System Assembly Instruction Manual

Important Notes for Assembly:

- This manual is for the ATW Fuel System add-on of the Running Engine Stand assembly. If you have not yet started with the Main Assembly instructions, start there before returning here.
- Use care when handling parts. There may be sharp edges and holes on components. Using thick protective gloves is recommended during the assembly process.
- Each bolt and nut should have the appropriately sized washer placed between the fastener and the frame.

Required Tools:

- Ratchet
- 7/16" Wrench
- 7/16" Socket
- 5/8" Wrench
- 5/8" Socket

**If you are experiencing problems upon installation—
DO NOT RETURN THIS PRODUCT!**

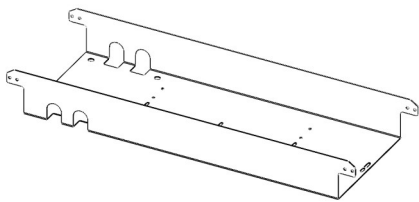
Most installation problems can be easily solved.

First contact technical support at:

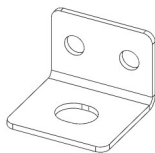
Service@mechman.com

1 (888) MECHMAN or 865-522-6166

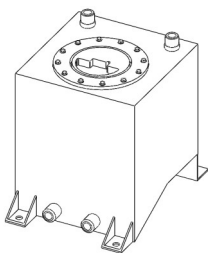
Included Components:



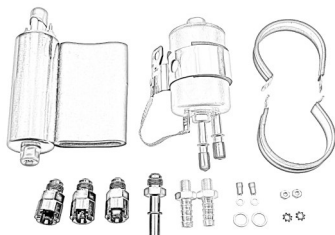
Fuel & Battery Tray 1x



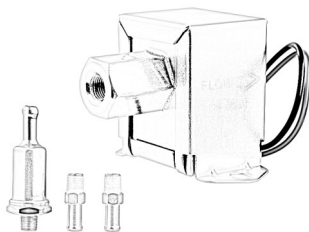
Fuel & Battery Tray End Bracket 4x



Fuel Cell 1x



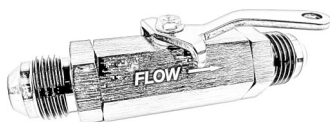
Inline Fuel Pump & Fuel Filter/
Regulator (EFI) 1x



Inline Fuel Pump (Carbureted) 1x



6AN Fuel Filter 1x



Fuel Shut Off Valve 1x

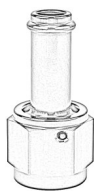
Included Components:



10AN Female to 3/8" Barb 90° 2x



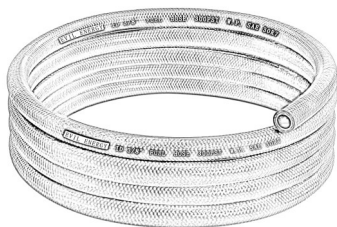
10AN Female to 3/8" Barb 1x



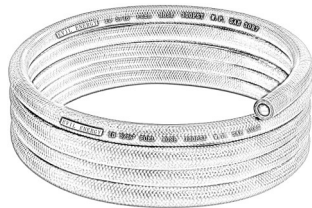
6AN Female to 3/8" Barb 4x



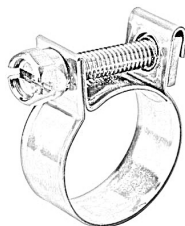
6AN Female to 5/16" Barb 1x



3/8" Fuel Hose Line, 10ft 1x

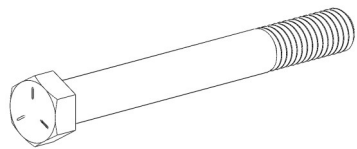


5/16" Fuel Hose Line, 10ft 1x

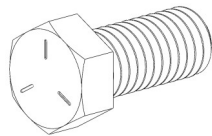


16-18mm Hose Clamp 10x

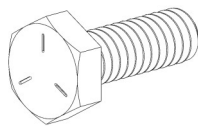
Included Hardware:



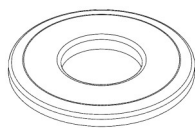
7/16"-14 x 4" Hex Bolt 2x



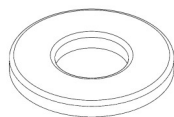
7/16"-14 x 1" Hex Bolt 4x



1/4"-20 x 0.75" Hex Bolt 8x



7/16" Flat Washer 12x



1/4" Flat Washer 16x



7/16"-14 Nylock Nut 6x



1/4"-20 Nylock Nut 8x

Assembly Instructions:

Step 1: Assembling the Fuel & Battery Tray Subassembly

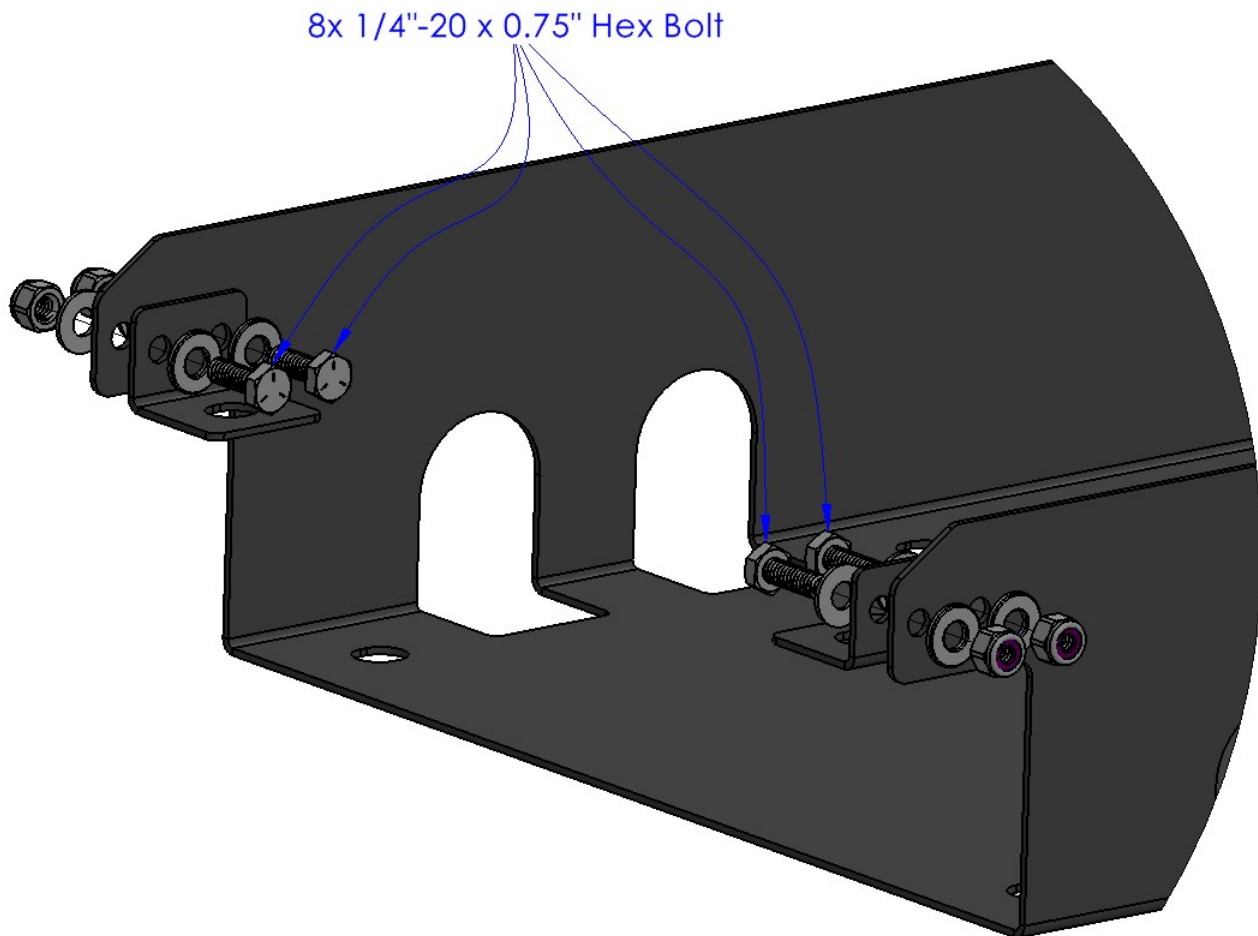
Required Components:

- 1x Fuel & Battery Tray
- 4x Fuel & Battery Tray End Bracket

Required Hardware:

- 8x 1/4"-20 x 0.75" Hex Bolt
- 16x 1/4" Flat Washer
- 8x 1/4"-20 Nylock Nut

- **Note: This subassembly will connect to the Running Engine Stand in a future step.**
- Use the 1/4"-20 x 0.75" Hex Bolts to attach the Fuel & Battery Tray End Brackets to the Fuel and Battery Tray.

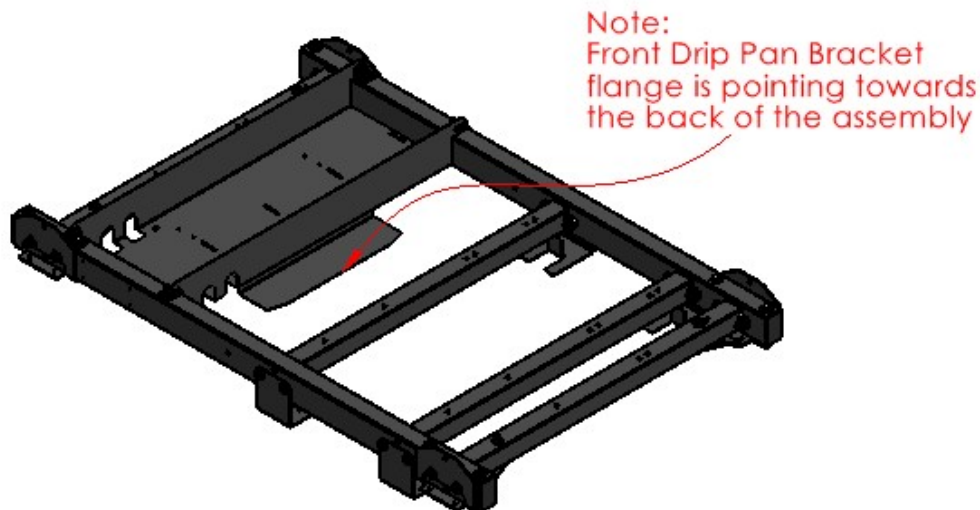
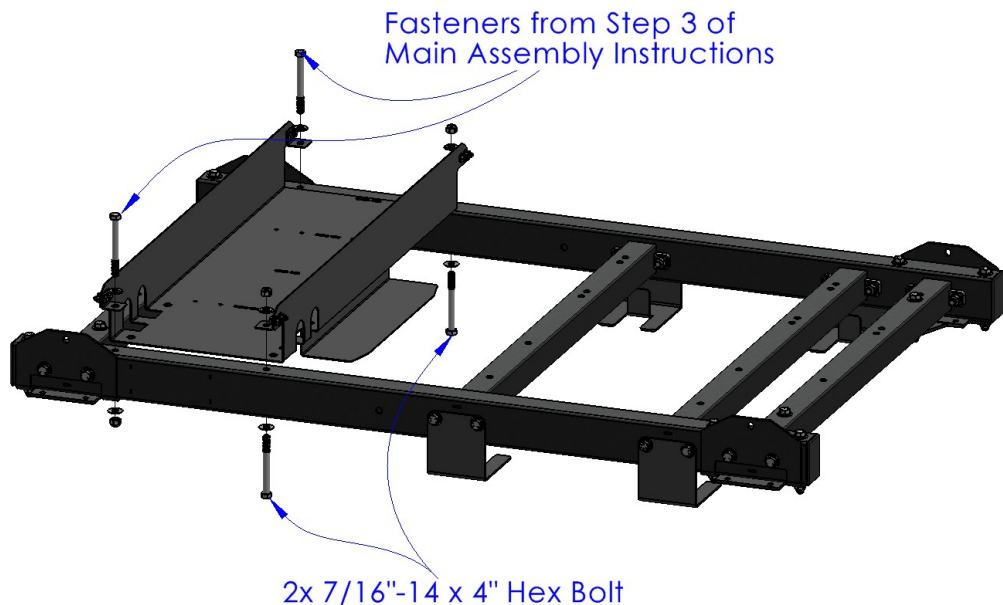


Assembly Instructions:

Step 2: Attaching the Fuel Tray Subassembly to the Assembly

Required Components: Required Hardware:

- 1x Fuel & Battery Tray Subassembly
 - 2x 7/16"-14 x 4" Hex Bolt
 - 2x 7/16"-14 Nylock Nut
 - 4x 7/16" Flat Washer
- **Note: This step uses hardware from Step 3 of the Main Assembly instructions and should be completed simultaneously. If these steps are already complete, remove the necessary hardware and reinstall with the added subassembly in place.**
 - Use the 7/16"-14 x 4" Hex Bolts along with the fasteners from Step 3 of the Main Assembly instructions to attach the Fuel and Battery Tray Subassembly to the Assembly.

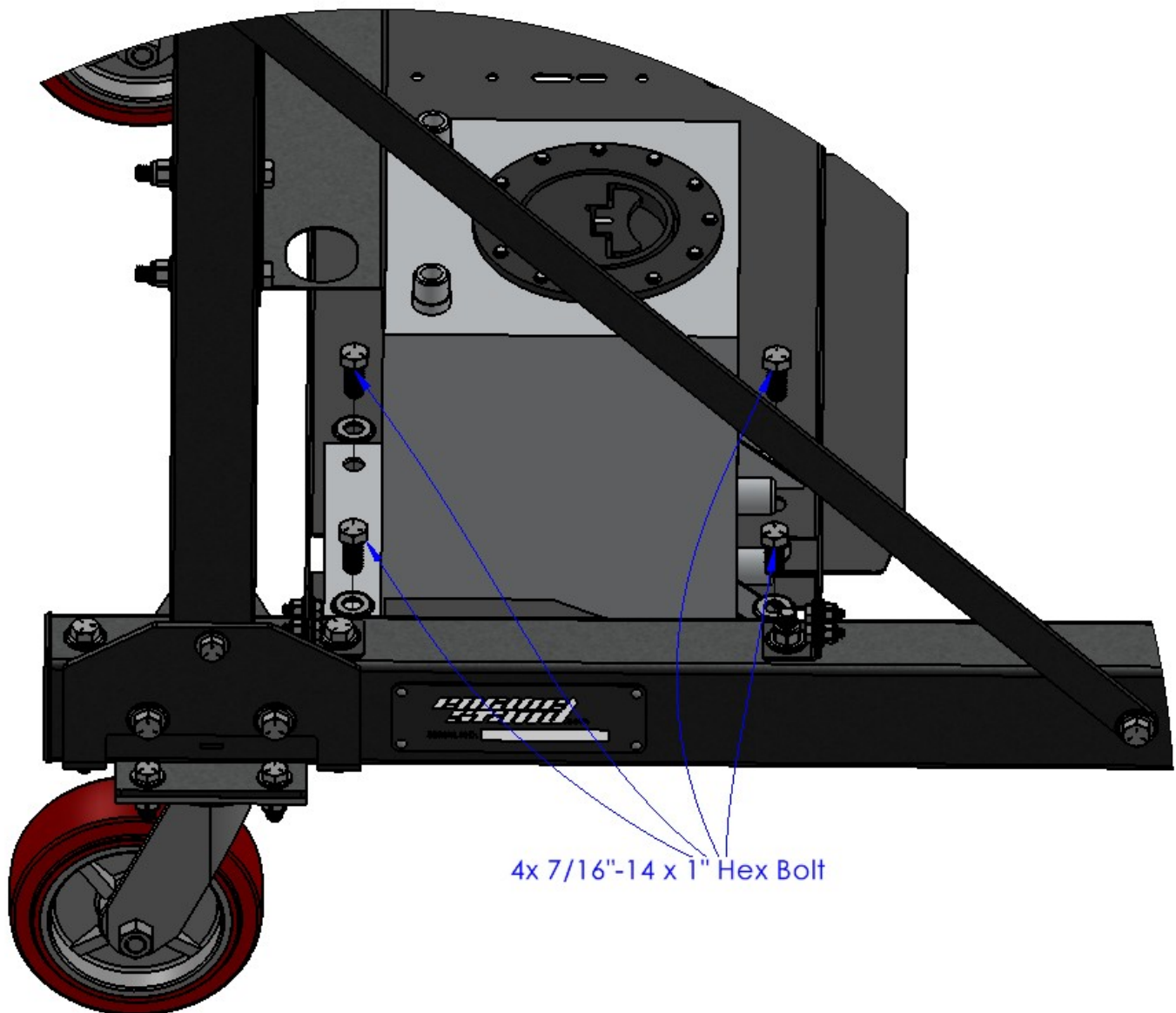


Assembly Instructions:

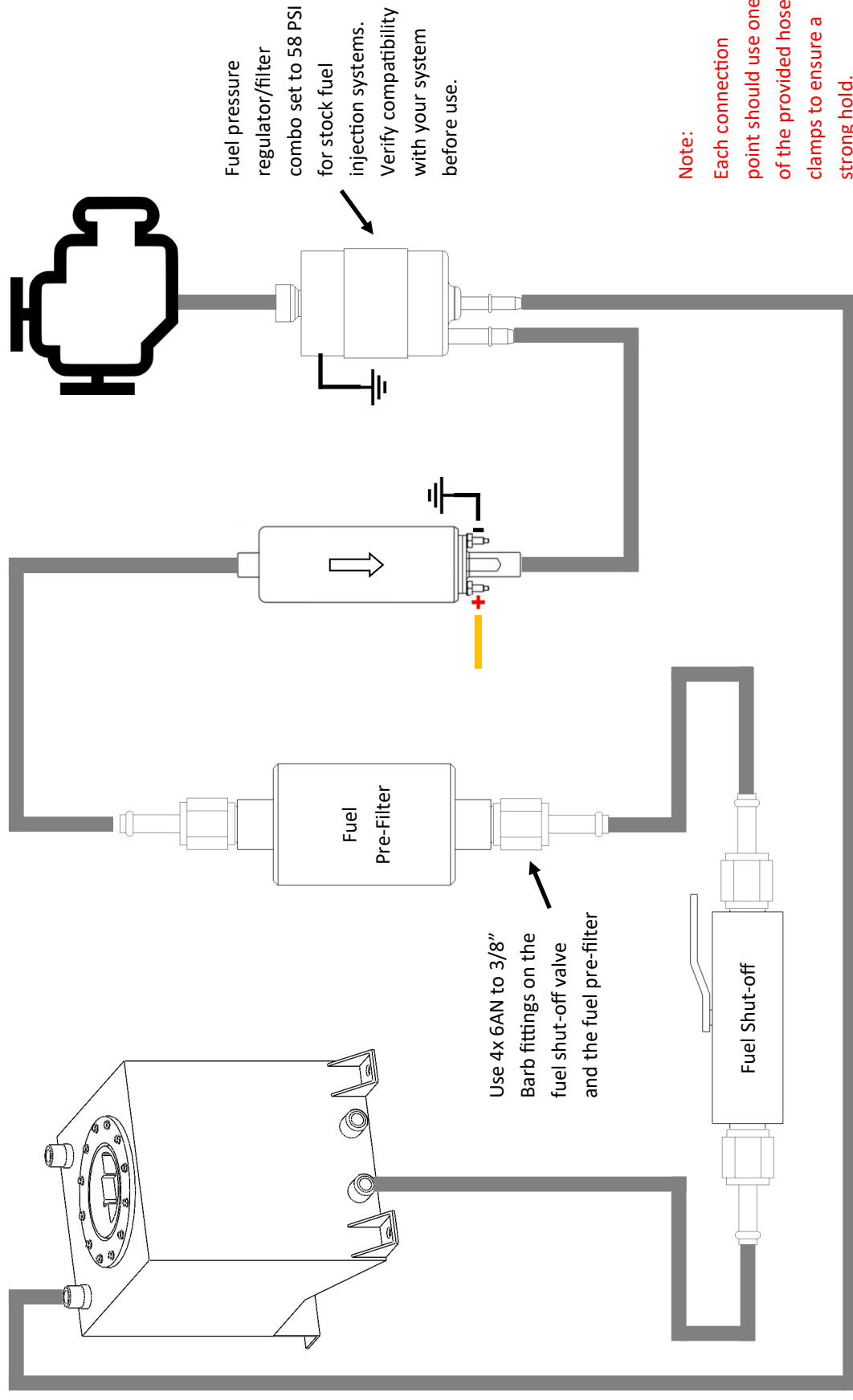
Step 3: Attaching the Fuel Cell to the Assembly

Required Components: Required Hardware:

- 1x Fuel Cell
 - 4x 7/16"-14 x 1" Hex Bolt
 - 4x 7/16"-14 Nylock Nut
 - 8x 7/16" Flat Washer
- Use the 7/16"-14 x 1" Hex Bolts to attach the Fuel Cell to the Fuel & Battery Tray.
 - **Note: The Fuel Cell lines should be pointed towards the rear of the assembly.**



Fuel Schematic (EFI):



Fuel Schematic (Carbureted):

