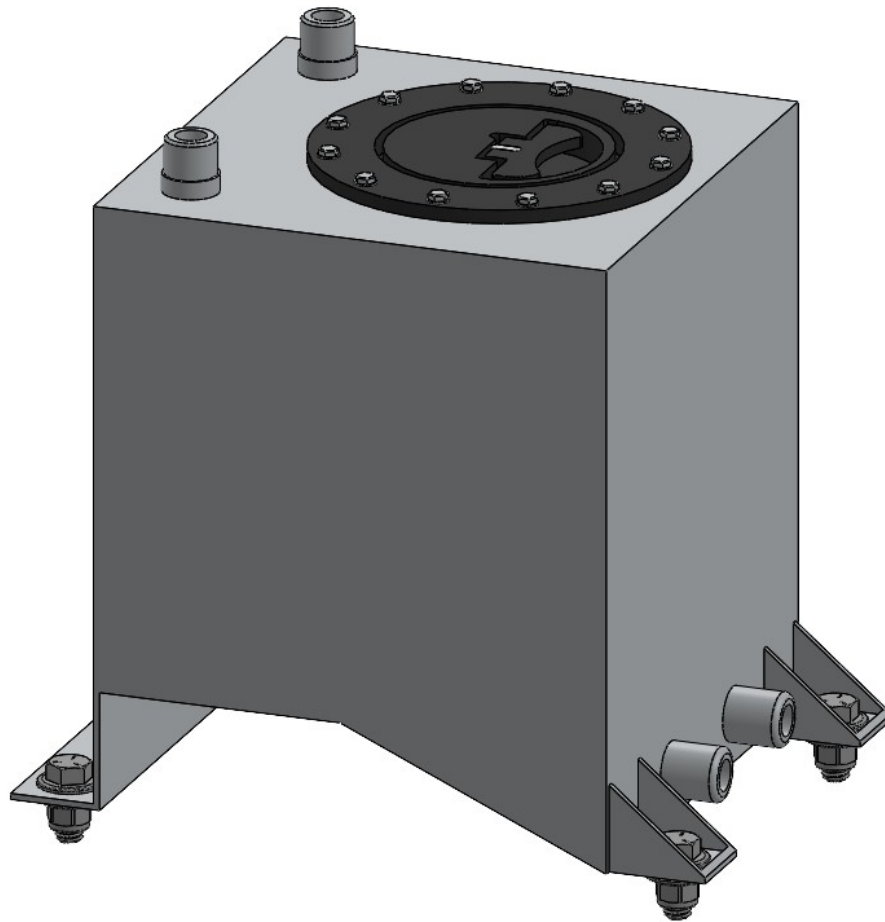


# Running Engine Stand



# 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!

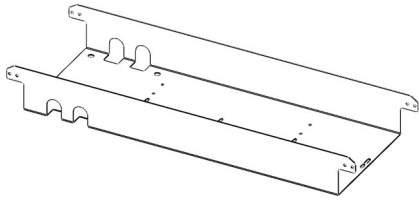
**Most installation problems can be easily solved.**

First contact technical support at:

**Service@mechman.com**

**1 (888) MECHMAN or 865-522-6166**

# Included Components:



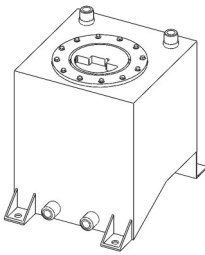
Fuel & Battery Tray

1x



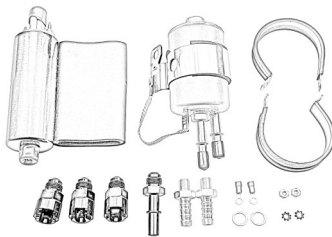
Fuel & Battery Tray End Bracket

4x



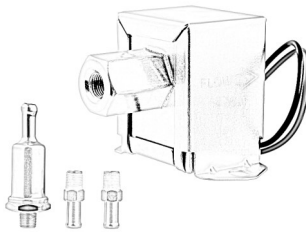
Fuel Cell

1x



Inline Fuel Pump & Fuel Filter/  
Regulator (EFI)

1x



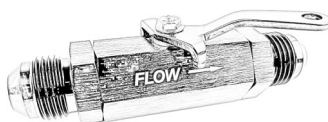
Inline Fuel Pump (Carbureted)

1x



6AN Fuel Filter

1x



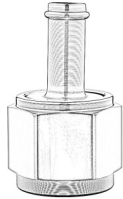
Fuel Shut Off Valve

1x

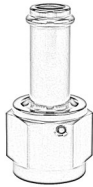
# Included Components:



10AN Female to 3/8" Barb 90° 2x



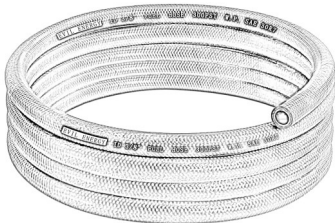
10AN Female to 3/8" Barb 1x



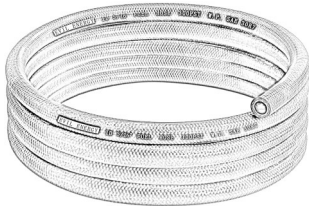
6AN Female to 3/8" Barb 4x



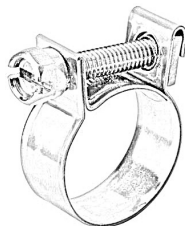
6AN Female to 5/16" Barb 1x



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

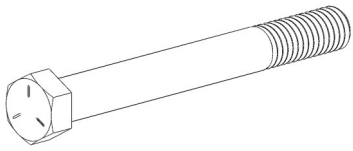


5/16" Fuel Hose Line, 10ft 1x



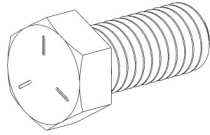
16-18mm Hose Clamp 10x

# Included Hardware:



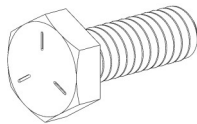
7/16"-14 x 4" Hex Bolt

2x



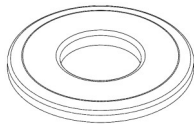
7/16"-14 x 1" Hex Bolt

4x



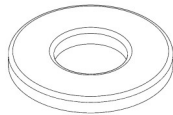
1/4"-20 x 0.75" Hex Bolt

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

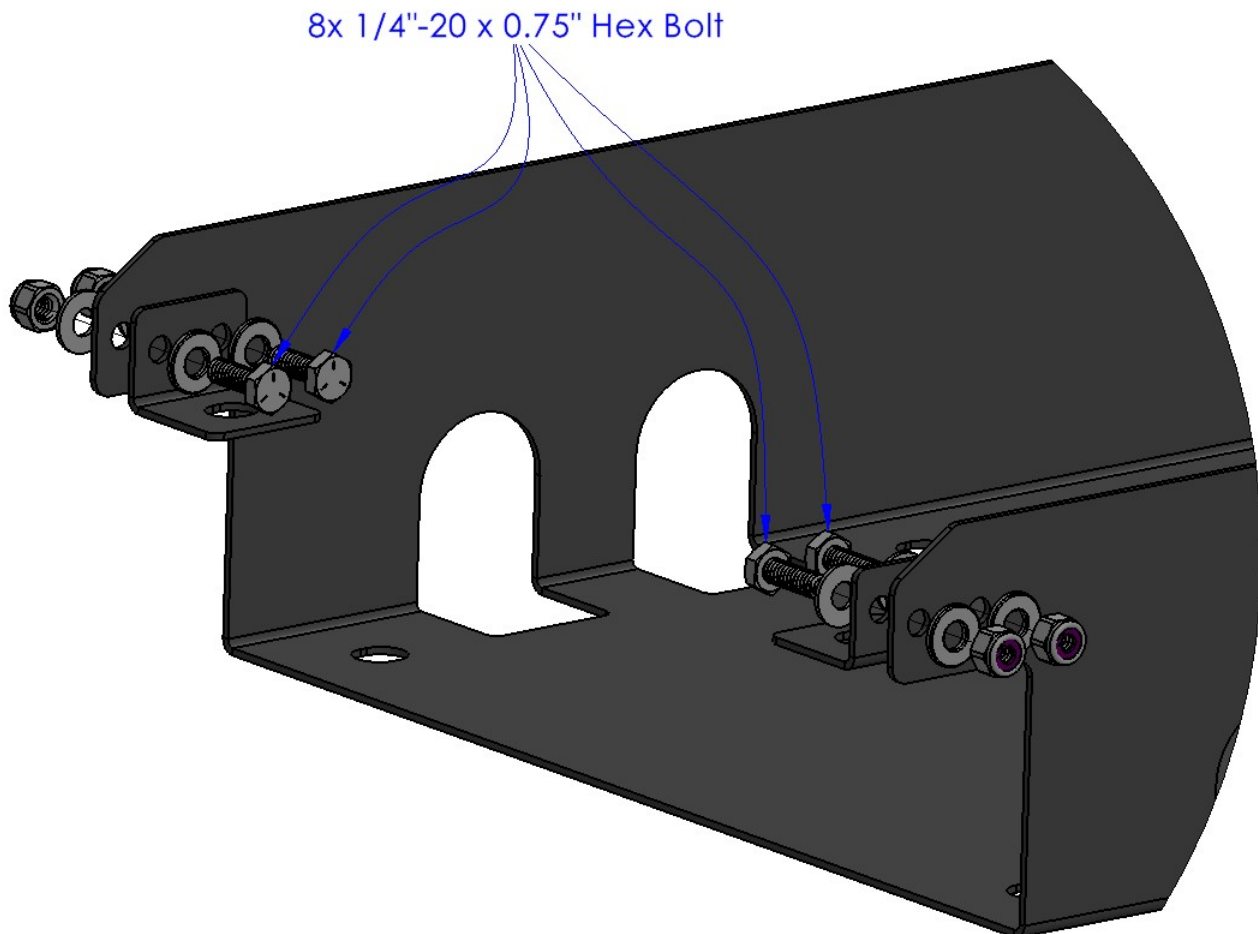
### Required Components:

- 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:

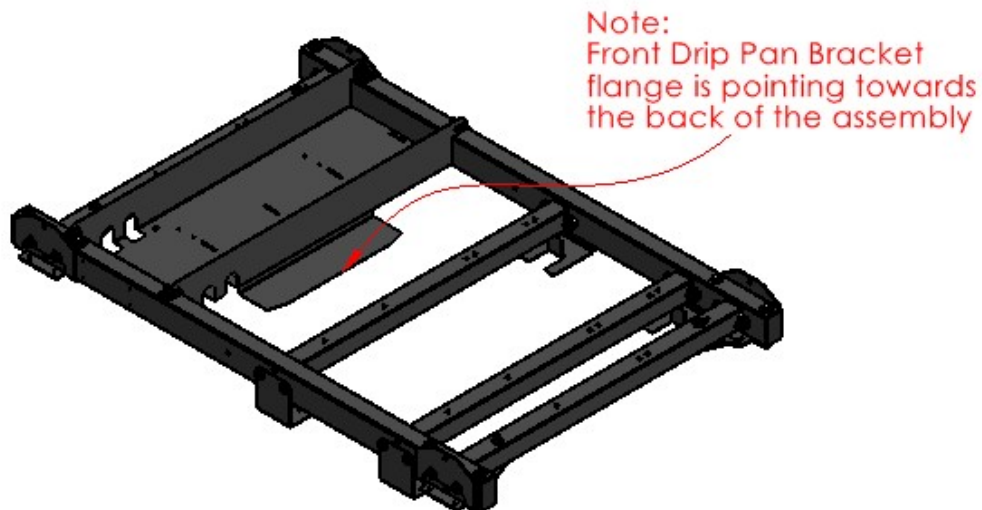
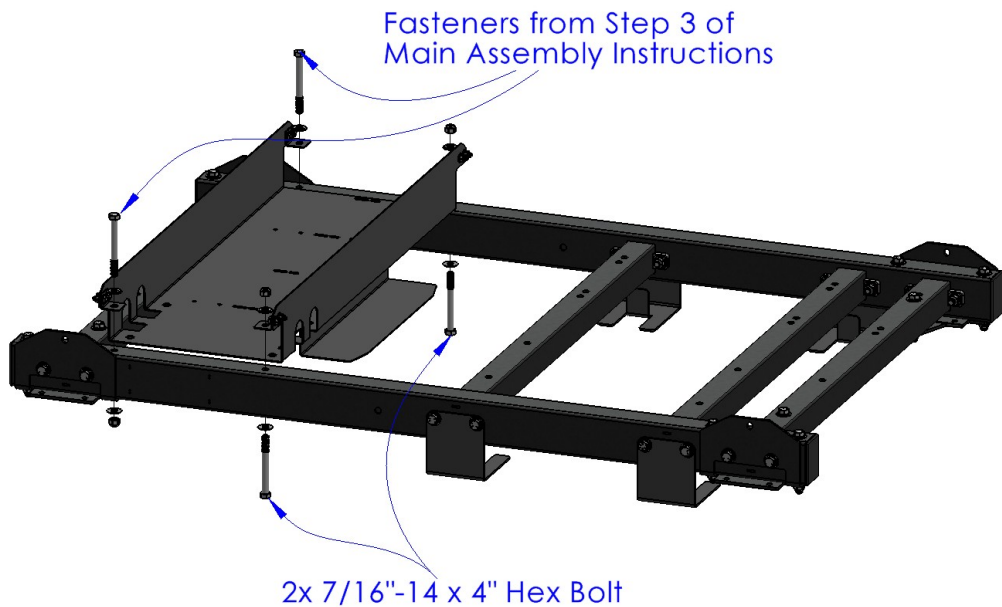
- 1x Fuel & Battery Tray Subassembly

### Required Hardware:

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

- 2x 7/16"-14 Nylock Nut

- **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.

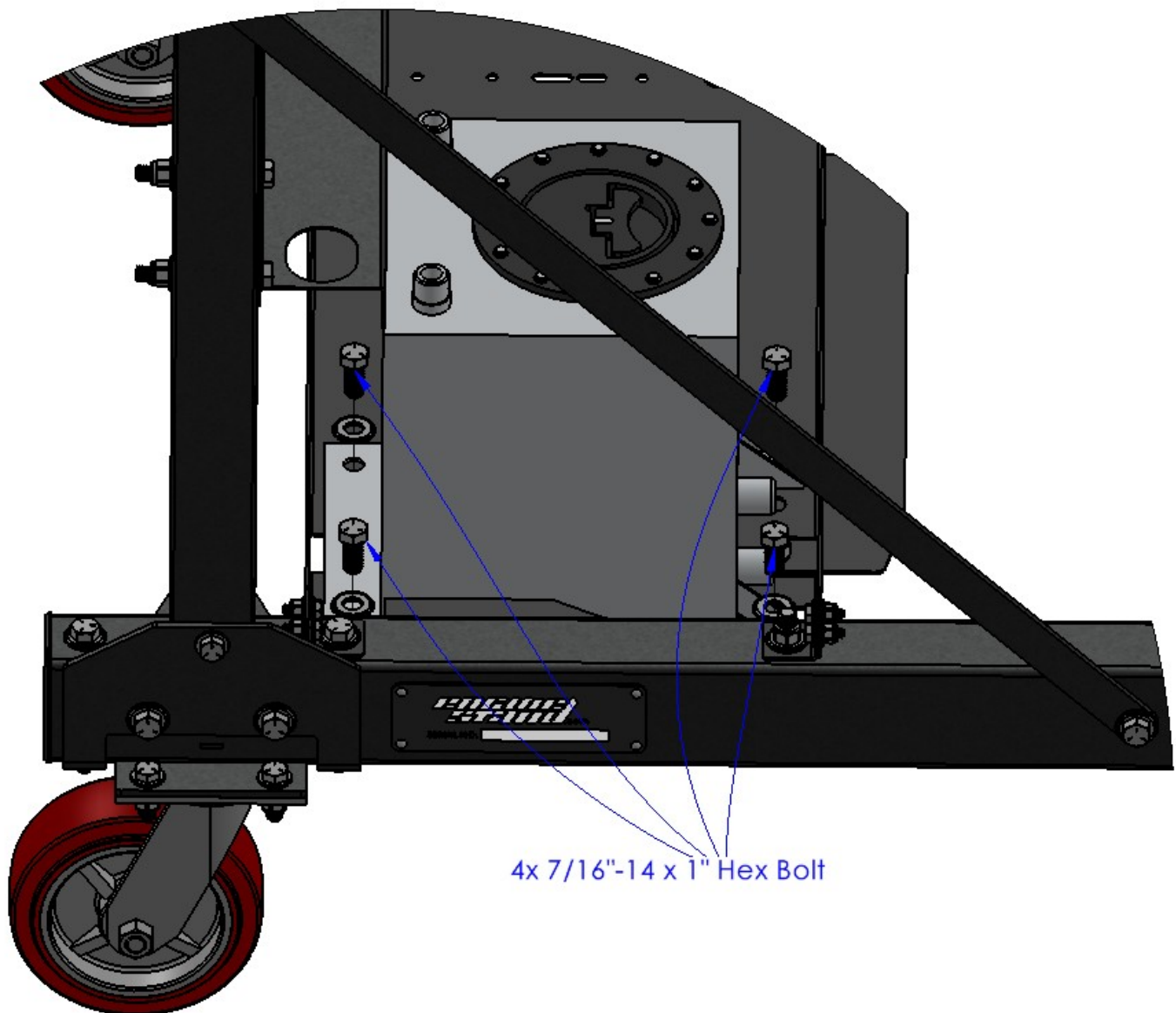


# Assembly Instructions:

## Step 3: Attaching the Fuel Cell to the Assembly

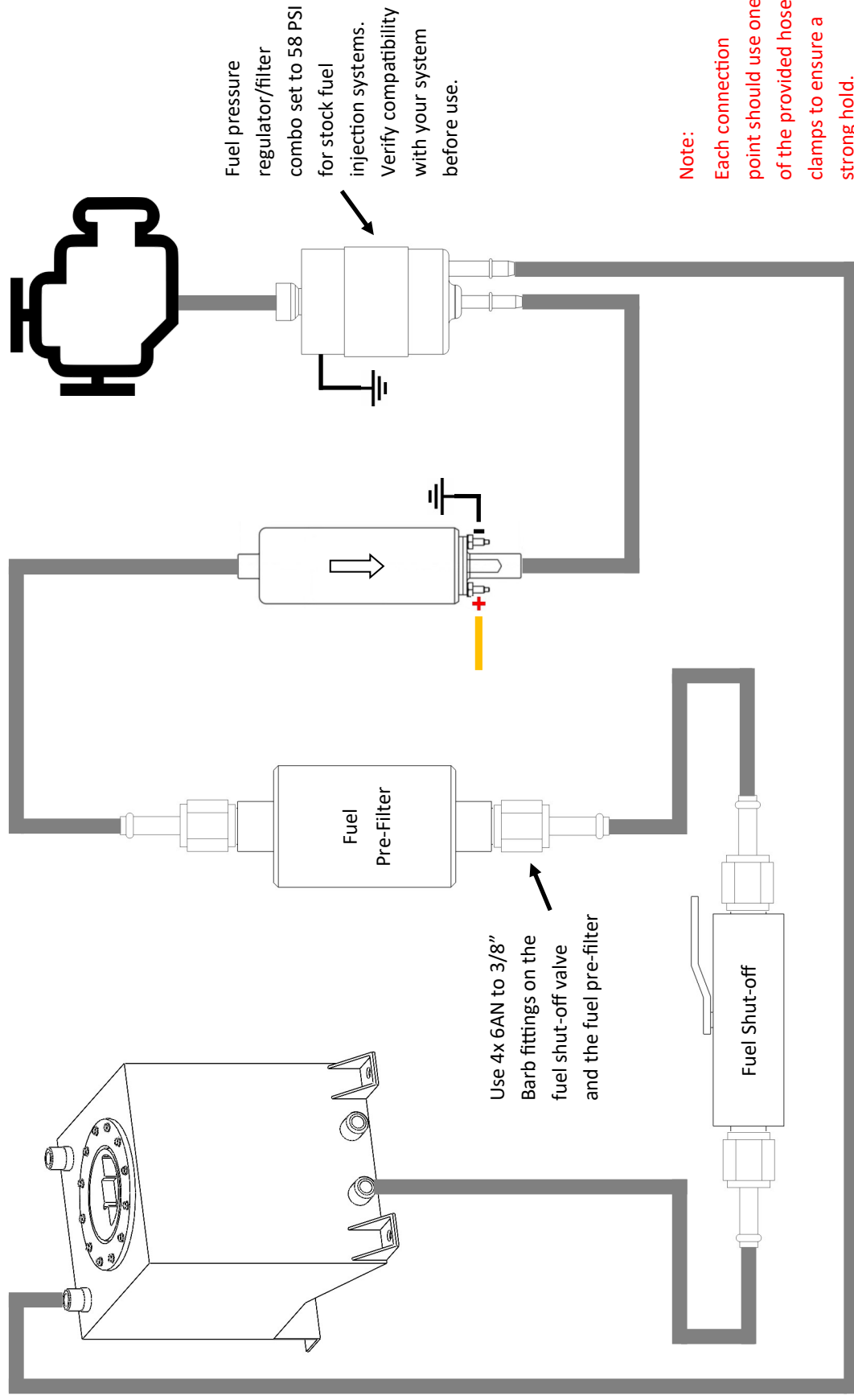
Required Components:      Required Hardware:

- 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):



**Note:**

Each connection point should use one of the provided hose clamps to ensure a strong hold.

# Fuel Schematic (Carbureted):

