



## Installation Instructions

### Triple Fuel Pump Carrier 39/46mm Fuel Pumps

#### PFEFCA003-1

| Included Items   | QTY |
|--|-----|
| Fuel Pump Carrier Top  | 1   |
| Fuel Pump Carrier Fuel Pump Bracket                          | 1   |
| Fuel Pump Carrier Return Shaft                               | 1   |
| Fuel Pump Carrier Filler Cap                                 | 1   |
| Fuel Pump Carrier Top Gasket                                 | 3   |
| 39mm Pump Sleeve   | 3   |
| 46mm Pump Sleeve   | 1   |
| PFEFT-0102 Electrical Post Connector                         | 6   |
| M6 x 12mm Socket Head Cap Screw ISO 4762                     | 15  |
| M6 Flat Washer ISO 7092                                      | 3   |
| M6 x 8mm Hexagon Socket Set Screw Knurled Cup Point ISO 4029 | 1   |

**WARNING:** PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING. PROFLOW WILL NOT BE RESPONSIBLE FOR ANY DAMAGE AS A RESULT OF THE INCORRECT INSTALLATION OF THIS PRODUCT. IT IS RECOMMENDED THAT A QUALIFIED AUTOMOTIVE TECHNICIAN PERFORMS THIS INSTALLATION.

1. Screw the Return Shaft with the supplied o-ring into the return port in the top plate.
2. If the 6 electrical post connectors are not already in the top plate, insert these into the top plate by disassembling them and ensuring the o-ring is correctly in its housing.
3. Place your desired fuel pumps into the fuel pump bracket with either the 39mm pump sleeves or 46mm pump sleeves depending on your choice of pump. Lubrication may be required to insert the pumps into the sleeves.
4. Tighten the fuel pump bracket clamps by fastening the supplied M6 x 12mm socket head cap drive screws into the bracket, each with an M6 washer. Ensure you use a medium grade loctite on these screws.
5. Attach and set the fuel pump bracket to your desired height by screwing the M6 X 8mm provided set screw into one of the 3 positions given on the neck of the bracket. Ensure a satisfactory bond between the set screw and the return shaft by using a medium grade loctite. Failure to apply loctite to this set screw may allow it to vibrate loose.
6. Connect either one, two or three pumps to each individual port of the top plate by using submersible hose, clamps and barbed fittings. Ensure each pump has the appropriate strainer attached. Plug any ports not in use with the correct fitting and an o-ring.
7. Connect the fuel pumps to the positive and negative terminals of each post connector. To allow staging of fuel pumps to initiate at different times (programmed externally), there are 6 post connectors (3 stages) you can connect the fuel pumps to.

8. Screw in the filler cap with the supplied o-ring and place the whole assembly into the fuel cell with the provided gasket.
9. Fasten the fuel pump carrier top plate to the fuel cell using the supplied M6 X 12mm socket head cap screws using a low strength loctite. Ensure the gasket is adequately line up before tightening each screw.



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#### **PROFLOW LIMITED WARRANTY**

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