



INSTALLATION MANUAL

Aluminium EFI Baffled Fuel Cells

PFEFC8010, PFEFC8015, PFEFC8020



Included Items	QTY
PFEFC80 Series EFI Fuel Cell (10, 15 or 20 Gallon)	1
PFEFCS9000 Fuel Level Sender	1
PFEFC80 Large Flange Adaptor + Gasket	1
PFEFC80 Small Gasket	1
PFE814-08BK AN8 ORB Port Plug	1
M6 x 12 mm Socket Head Cap Screws ISO 4762	12

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.

WARNING: THE INSTALLATION OF THIS PRODUCT REQUIRES THE HANDLING OF FUEL. IT IS RECOMMENDED TO WORK IN A WELL-VENTILATED AREA AND WEAR APPROPRIATE PERSONAL PROTECTION. KEEP ALL IGNITION SOURCES AND OPEN FLAMES AWAY FROM THE VEHICLE AT ALL TIMES.

Description

Made from 3 mm thick 5052-H34 aluminium alloy, Proflow's baffled EFI fuel cells were designed to suit in-tank fuel pump carrier systems. These fuel cells suit Proflow's single, double, and triple fuel pump carriers or any fuel pump hanger with either a 120.5 mm or 170 mm mounting circle, allowing you to get your in-tank fuel system setup quickly and easily.

Mounting

Mounting this fuel cell requires all 4 mounting points to be secured down. Rubber mounts are recommended for this tank to enable sufficient clearance for the tanks sump. Ensure when mounting this tank there is enough support below the tank when full and it is away from all sources of heat.

Rollover Valve Installation (Important!)

This fuel cell requires the installation of a rollover valve (PFE611-06) or vent on the top of this fuel cell in order to breathe correctly and not over pressurise, which may cause failure of the tank itself. Failure to install a rollover valve or vent may void the warranty of this product!

Plumbing

This fuel cell utilises o-ring sealed AN styled ports. The top two ports of this fuel cell are intended to be used for a breather and fuel return port from the engine (if applicable). The lower port is designed to be used for a drain port or it can be used for another accessory. Please plug all unused ports with the correct o-ring styled plug (PFE814-08).

Fuel Level Sender

A GM style fuel level sender is included with this fuel cell which reads as 0 ohms empty and 90 ohms as full. Please check your original sender unit ohm range or aftermarket gauge instructions to ensure the resistance ratings are the same. If not, the fuel level will be read incorrectly. We also offer a Ford fuel level sender which can be directly replaced if necessary.

Fuel Pump Carrier Mounting

This fuel cell can be used to mount Proflow's single, dual or triple fuel pump carrier (sold separately). The cell is baffled so no fuel cell foam is required for best performance.

PFEFCA002 / PFEFCA003

1. Following the installation manual of either the single or dual fuel pump carrier, carefully mount and plumb the fuel pump carrier assembly.
2. Place the supplied flat gasket on top of the adaptor plate already mounted to the fuel cell.
3. Drop the fuel pump hanger assembly into the fuel cell and fasten the carrier to the fuel cell's adaptor plate using the supplied M6 socket head cap screws. Torque all screws to approximately 8 Nm.
4. Plumb all the ports on the top plate of the fuel pump carrier following their respective instructions.

PFEFCA003-1

1. Correctly assemble the triple fuel pump carrier following the provided instruction manual.
2. Remove the adaptor plate mounted to the fuel cell by removing the 12x M6 socket head cap screws. The triple fuel pump carrier will replace this adaptor.
3. Ensure to place the larger cork gasket on top of the fuel cell before proceeding.
4. Drop the triple fuel pump hanger into the fuel cell and fasten the carrier to the fuel cell using the supplied M6 socket head cap screws and nylon washers. Torque all screws to approximately 8 Nm.
5. Plumb all the ports on the top plate of the fuel pump carrier. Plug all unused ports.

