



## Installation Manual

Fuel Rail Kit Ford Falcon FG XR6 Turbo

PFEFRKFDFG6BK



Included Items	QTY
PFEFRKFDFG6BK Billet Fuel Rail	1
PFEFRKFDFG6BK Mounting Brackets & Screws	4
PFE920-08BK -08AN ORB Fitting To -08AN Male	2
PFE920-06-08BK -08AN ORB Fitting To -06AN Male	2
PFE814-08BK -08AN ORB Plug	1
PFE814-06BK -06AN ORB Plug	1
PFE887BK Short Injector Adapter	6

**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 FLAMES AWAY FROM THE VEHICLE AT ALL TIMES.

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## Typical Installation

1. Disconnect the negative battery terminal and the 6 fuel injectors wiring plugs.
2. Disconnect the feed and return lines, any wiring, vacuum lines and throttle body components that may interfere with the installation process.
3. To relieve fuel pressure, disconnect the fuel pump connector and turn the vehicle on and allow the engine to stall. Turn ignition off and allow engine to cool before proceeding.
4. Refer to the factory service manual and disassemble the factory fuel rail from the manifold.
5. Install the 4x mounting brackets to the fuel rail using the supplied M6 countersunk head screws with a low strength thread locker in the orientation shown below.



*Figure 1: Bracket Orientation*

6. Install any necessary adapter fittings (4x -08AN fittings included) into the fuel rail now. It is recommended to use the top -08AN port as an outlet to clear the thermostat housing. Ensure to lubricate all o-rings prior to installation.
7. Block all other ports not in use with the appropriate ORB fitting plug.
8. Clean out any debris found in the intake manifold fuel injector bores. Lubricate the injector o-rings and install the injectors into the manifold until fully seated.
9. If you are using short length injectors, insert the 6x supplied short injector adapters into the fuel rail injector ports. If using a 3/4 length injector, please skip this step.
10. Align the fuel rail assembly above the injectors on the manifold and press down firmly until the injectors slide into the fuel rail ports. Ensure all o-rings are lubricated prior.
11. Confirm that all injectors have been installed properly and rotate them so their wiring plug's are accessible.
12. Secure the fuel rail to the manifold by screwing the provided M6 screws, washers and spring washers through each bracket into the manifold (torque to roughly 4 Nm).
13. Connect any other fuel plumbing accessories and hoses to the fuel rails. You will have to modify the factory fuel lines and fuel pressure regulator in order to correctly plumb your fuel system. If you are unsure on how to do this, please contact us.
14. Reinstall all components and wiring previously removed with reference to the factory service manual and cycle the key a few times without starting the engine. This will prime the fuel pump prior to starting the vehicle.
15. If no leaks are found, start the engine and check again for leaks while the engine is running. Once a final inspection is done, the installation is complete.