



## Installation Manual

Fuel Rail Kit Nissan & Holden RB30

PFEFRKRB30BK



Included Items	QTY
PFEFRKRB30BK Billet Fuel Rail	1
PFEFRKRB30BK Mounting Bracket & Screws	4
PFEFRKRB30BK Manifold Injector Seat	6
PFE920-08BK -08AN ORB Fitting To -08AN Male	2
PFE920-06-08BK -08AN ORB Fitting To -06AN Male	2
PFE814-06BK -06AN ORB Plug	1
PFE886BK Long Injector Adapter	6
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. Refer to the factory service manual and disassemble the factory fuel rail from the manifold. 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. Install the 4x mounting brackets to the manifold (without the fuel rail attached) using the supplied screws, washers and spring washers.
5. Install any necessary adapter fittings (4x -08AN fittings included) into two of the fuel rail ports. If you are using the top port as a return, block off the end port with the appropriate -08AN o-ring plug fitting (not supplied). Ensure to lubricate the o-rings prior to installation.
6. Clean out any debris found in the intake manifold injector seat bores and press the supplied injector seats down firmly into the intake manifold. Apply a light coat of lubricant to the outer o-rings.
7. Install the injectors into the seats on the manifold with a coat of oil applied to the o-rings to avoid damaging them.
8. If you are using short length injectors, insert the 6x supplied long injector adapters into the fuel rail injector ports. If using 3/4 length injectors, install the short injector adapters. If using a full length injector, please skip this step.
9. 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.
10. Confirm that all injectors have been installed properly and rotate them so their wiring plug's are accessible.
11. Secure the fuel rail onto the manifold by screwing the previously installed mounting brackets into the side of the fuel rail with the supplied screws, washers and spring washers.
12. 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.
13. 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.
14. If no leaks are found, start the eSngine and check again for leaks while the engine is running. Once a final inspection is done, the installation is complete.