



## Installation Instructions

### LS Engine Steam Line Vent Kits Four Port

#### PFE662-LSKIT4

Included Items	QTY
200 Series -04AN PTFE Black Stainless Braided Hose (Straight/Open End)	1
200 Series -04AN PTFE Black Stainless Braided Hose (90 Degree Ends)	4
90 Degree Swivel Steam Line Fitting -04AN (PFE662-04BK-SW)	4
Steam Line Connecting Block 5 Port	1
-04AN Stainless Steel Straight Hose End Fitting	1
NPT to -04AN Stainless Steel Straight Fitting	5
M6x20mm Socket Head Cap Screws	4

**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. Following the factory service manual of your vehicle, disassemble the factory hard-line steam vents on your cylinder heads and intake manifold (if needed).
2. Ensure to keep all fasteners/gaskets as these will need to be reused when reinstalling your engine components.
3. Install the 4 swivel steam line fittings into each corner of the cylinder heads.
4. Fasten these 4 fittings with the supplied socket head cap screws, ensuring the O-ring beneath is seated correctly. Do not over-tighten these screws completely as you may have to adjust the angles of the side ports on the fitting when fastening the connecting braided hose lines.
5. Screw the 5 supplied NPT to -04AN stainless steel fittings into each port on the steam line connecting block.
6. Place this block loosely in the centre of the valley cover so each braided line coming from the vent ports will be able to reach the block.
7. Connect the 4 short, braided lines with the 90 Degree hose ends to each swivel steam line fitting and then to the sides of the connecting block.
8. An extra port will need to be tapped into the water pump or radiator in which the steam from the cylinder head is vented to. Once a port is tapped, screw a fitting of your choice (PFE823-04BK recommended) with a -04AN end into the water pump/radiator.
9. Attach the supplied -04AN stainless steel hose end fitting to the open-ended hose after cutting it to your desired length. Connect this fitting to the last port on the connecting block.

10. Connect the other end of this hose to the fitting that you fitted earlier on the radiator or water pump.
11. Ensure all fittings and hose assemblies are tightened before starting the engine.
12. Start the engine and check for any leaks coming from the braided line assembly before driving the vehicle.



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