



Universal Pre-Line Pre-filter installation guide

This document is to be used as a guide for the installation of the Direction-Plus™ universal Pre-Line pre-filter Kit. It is recommended that the installation of the product be carried out by a competent qualified mechanic.

Important before starting

- Ensure the engine bay is clean and free from contaminates
- The filter head has direction arrows indicating the direction of flow
- You have the correct tools to complete the fitment
- Read the instructions in full and familiarize yourself with the installation, before commencing any work

Kit contents

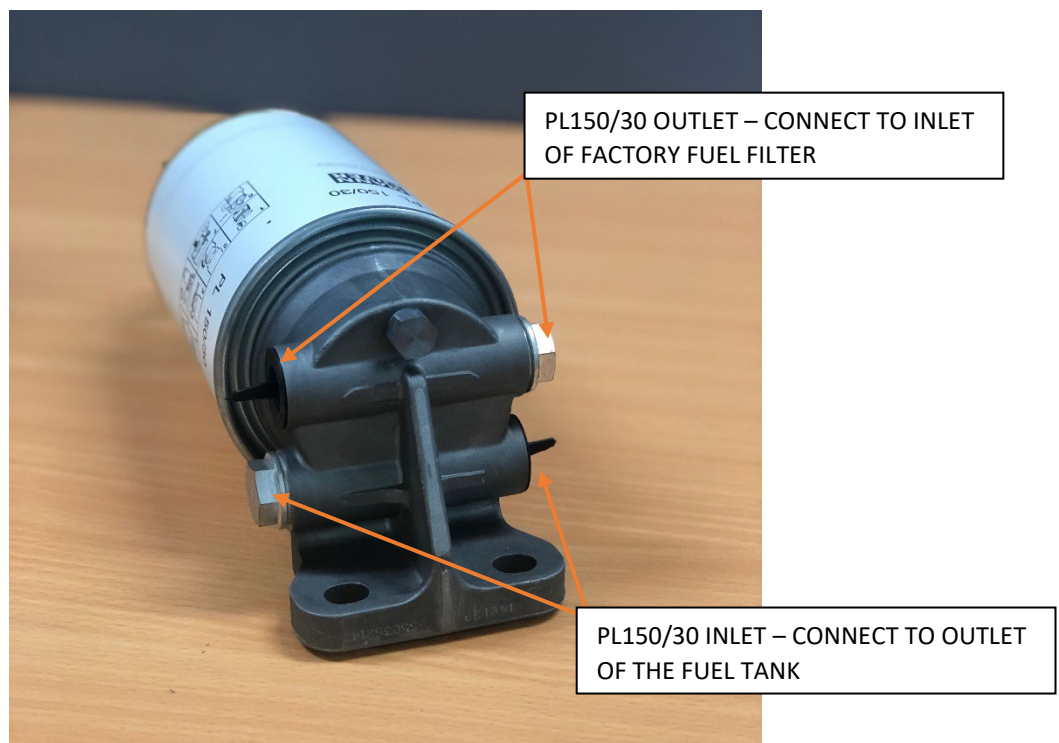
M16 ADAPTER - 12MM	2
2 BOLTS 2 NUTS 4 WASHERS – 10MM	2
M6X16MM BOLT	2
BRACKET – PL UNIVERSAL	1
FUEL LINE RUBBER (12MM)	2
M16 FLAT WASHER	2
ENGINE BAY LABEL	1
HOSE CLAMP 12MM	2
PUSH ON 90 DEG - 12MM	2
PUSH ON STRAIGHT – 12MM	2
WINDSCREEN LABEL	1

*Kit contents are subject to change based on component availability and/or refinement

Installation Guide

1. Find a suitable location to mount the PL150/30 assembly. You want to keep it as close to the factory filter as practically possible
2. Using the supplied 10mm bolts, washers and nuts, mount the universal bracket and the PL150/30
3. Install the M16 -12mm adaptors and M16 flat washers into the filter head ports. **Note: it may be required to remove the pre-installed plugs and reinstall them based on the specific installation.**
4. Disconnect factory fuel filter inlet hose from both ends and completely remove from the vehicle. Retain this hose in a safe place so the vehicle can be returned to factory in the future
5. Measure from the pipe/hose that comes from the fuel tank to the inlet port of the PL150/30 head (the arrows on the head indicate direction of flow) and cut to length a piece of the supplied 12mm hose
6. Lubricate the barbed end of one push-lock fitting and the inside portion of the hose to be fitted with a push-lock fitting with diesel fuel or WD40

7. Insert the barbed end of one push-lock fittings into the pre-lubricated end of the hose. Ensuring that the hose stops firmly against the inside of the bell cover.
8. With the assembled hose, screw the push-lock fitting on to the inlet port of the pre-filter. Connect the other end of the same hose to the steel fuel line coming from the tank and secure using a supplied 12mm hose clamp
9. Lubricate the barbed end of the remaining push-lock fitting and the inside portion of the remaining hose to be fitted with a push-lock fitting with diesel fuel or WD40
10. Insert the barbed end of the remaining push-lock fittings into the pre-lubricated end of the hose. Ensuring that the hose stops firmly against the inside of the bell cover.
11. With the now assembled hose, screw the push-lock fitting on to the outlet port of the pre-filter.
12. Measuring the hose in place between the outlet port of pre-filter the inlet of the factory fuel filter, cut the hose to length
13. Connect the 12mm fuel hose to the inlet of the factory fuel filter and secure with a supplied 12mm hose clamp
14. Prime the fuel system as per the vehicle manufactures service manual
15. Start vehicle and run the vehicle, whilst checking all connections for leaks



END OF GUIDE