

# ISUZU D-MAX 2012-2017 130Kw Direction-Plus™ Pre-Line Plus Kit Installation Guide

This document is to be used as a guide for the installation of the Direction-Plus™ Pre-Line Plus pre-filter Kit to a D-Max 2012-2017. It is recommended that the installation of the product be carried out by a competent qualified mechanic.

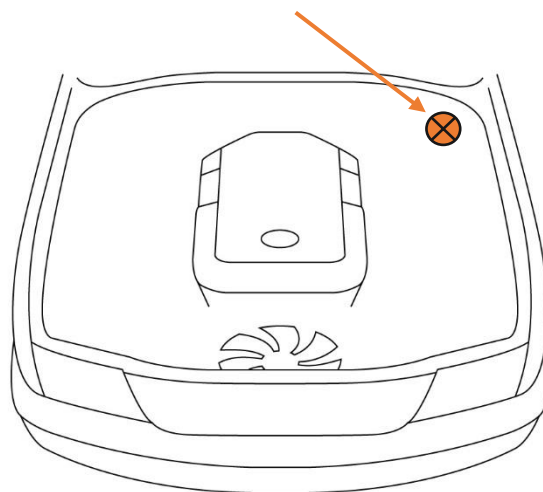
## Important before starting

- 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	1
M6X16MM BOLT	2
BRACKET - DMAX 130 KW	1
FUEL LINE RUBBER (12MM)	2
M16 FLAT WASHER	2
ENGINE BAY LABEL	1
PL150DP + SENSOR	1
HOSE CLAMP 12MM	2
WATER ALARM KIT	1
PUSH ON 90 DEG - 12MM	1
PUSH ON STRAIGHT – 12MM	1
WASHER - 6MM	2
SPRING WASHER - 6MM	

Pre-filter mounting location

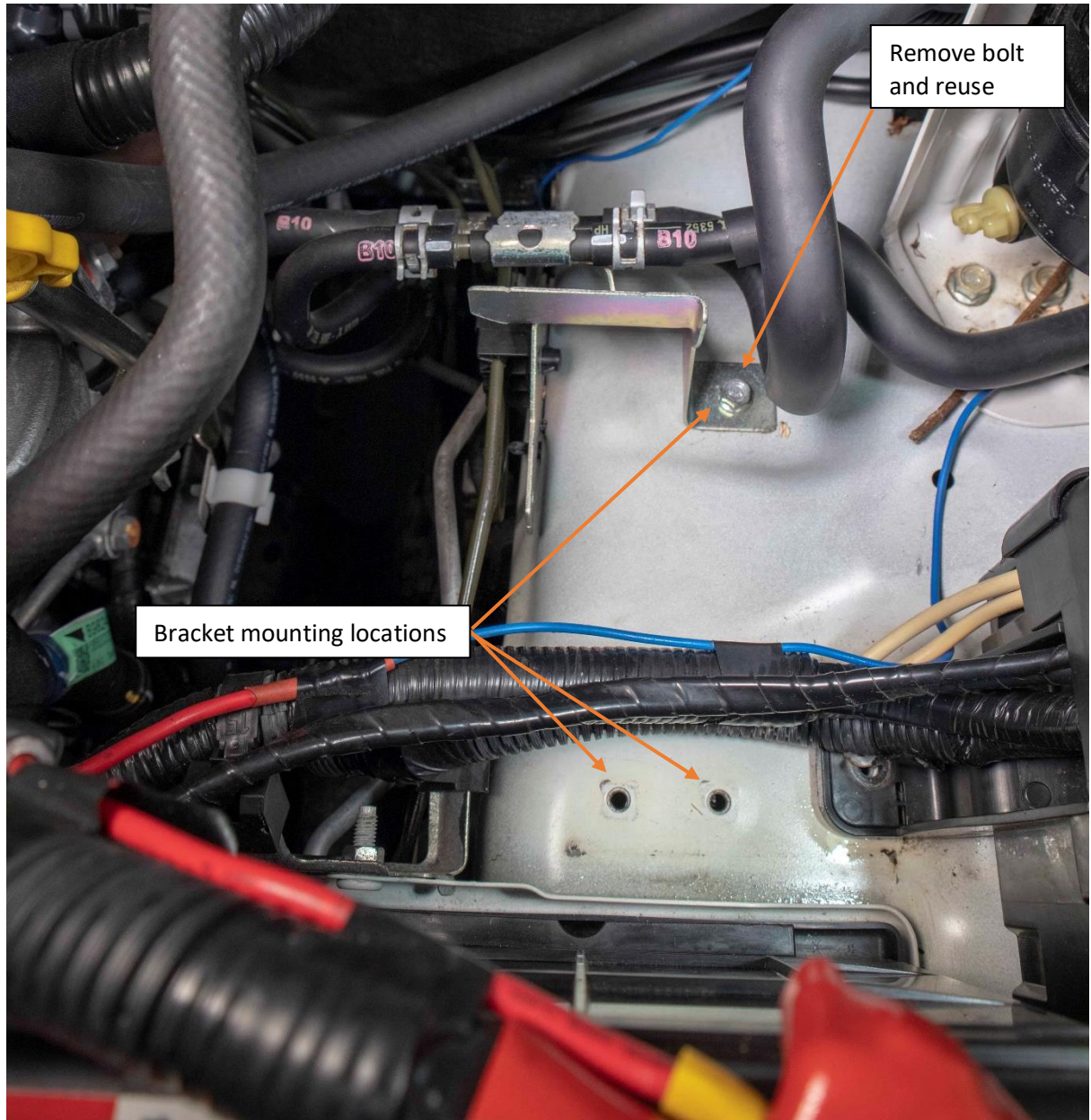


WINDSCREEN LABEL	1
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\*Kit contents are subject to change based on component availability and/or refinement

## Installation Guide

1. Remove the M6 bolt from the bracket that secures the fuel lines to the inner guard



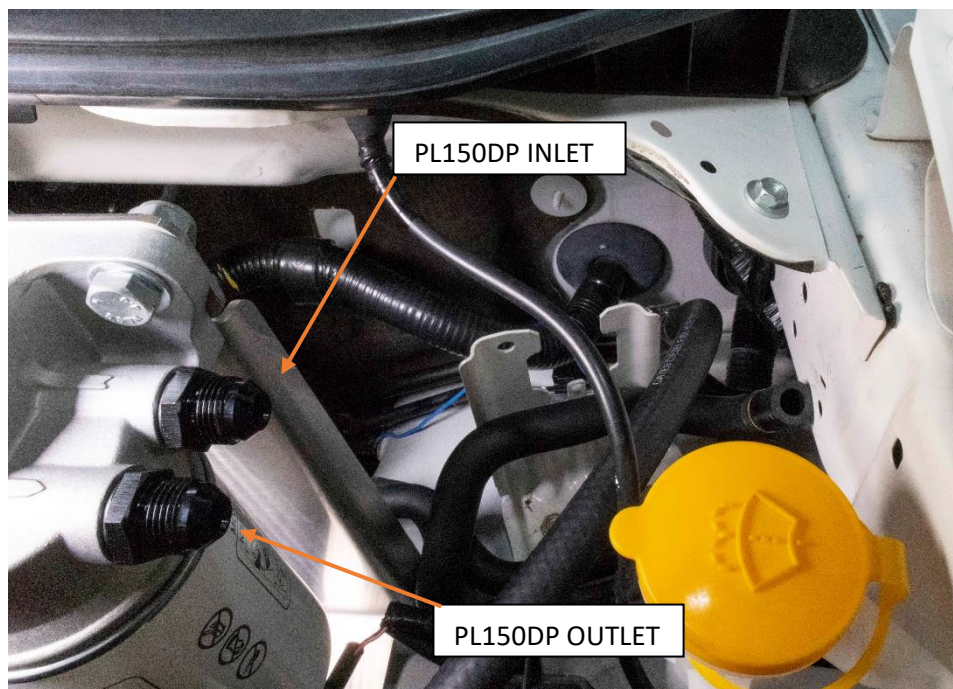
2. With supplied 6mm bolts secure the base of the bracket and refit the factory 6mm bolt to the fuel line brace securing the rear of the mounting bracket.



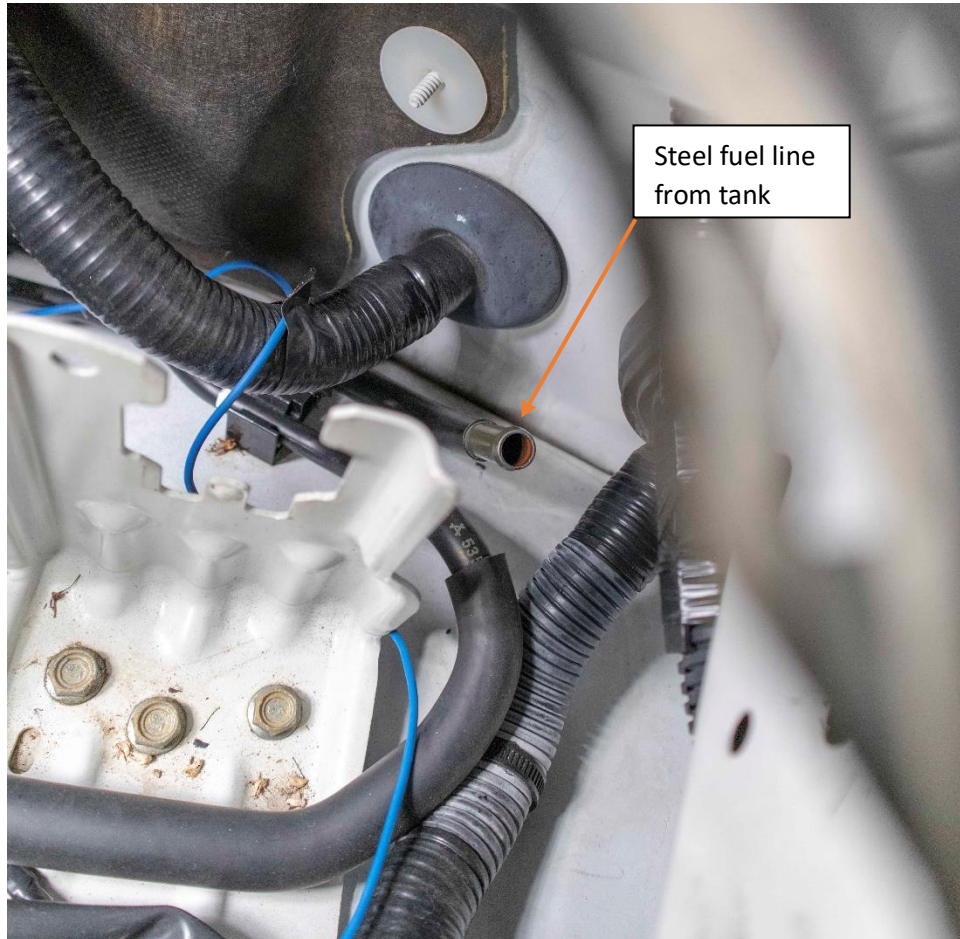


*Mounting bracket secured in position*

3. Using the supplied 10mm bolts, washers and nuts, mount the PL150DP filter assembly filter to the bracket
4. Install the M16 -12mm adaptors and M16 flat washers into the filter head ports that are closest to the fender. **Note: it may be required to remove the pre-installed plugs and reinstall them based on the specific installation.**

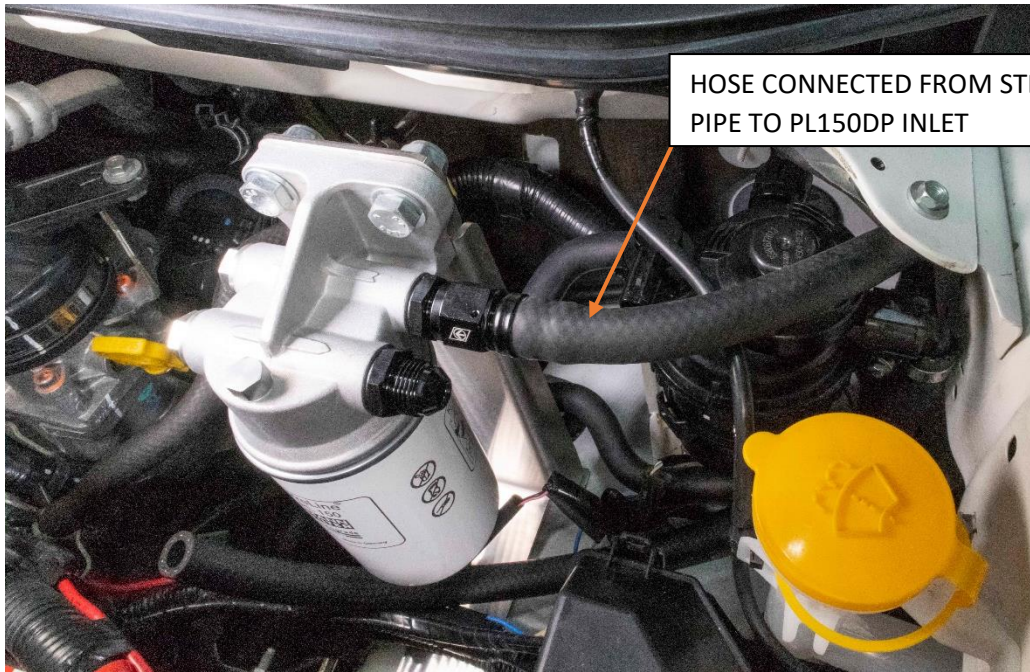


5. Lift the factory fuel filter out of the factory mounting bracket and sit to one side.
6. Identify the hose on the factory fuel filter that is closest to the fender, this is the inlet hose. Trace this hose down to the firewall.



7. 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
8. Measure from the steel pipe on the firewall (this pipe comes from the tank) to the inlet port of the fuel manager head (the arrows on the head indicate direction of flow) and cut to length a piece of the supplied 12mm hose
9. 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
10. 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.
11. 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





HOSE CONNECTED FROM STEEL PIPE TO PL150DP INLET

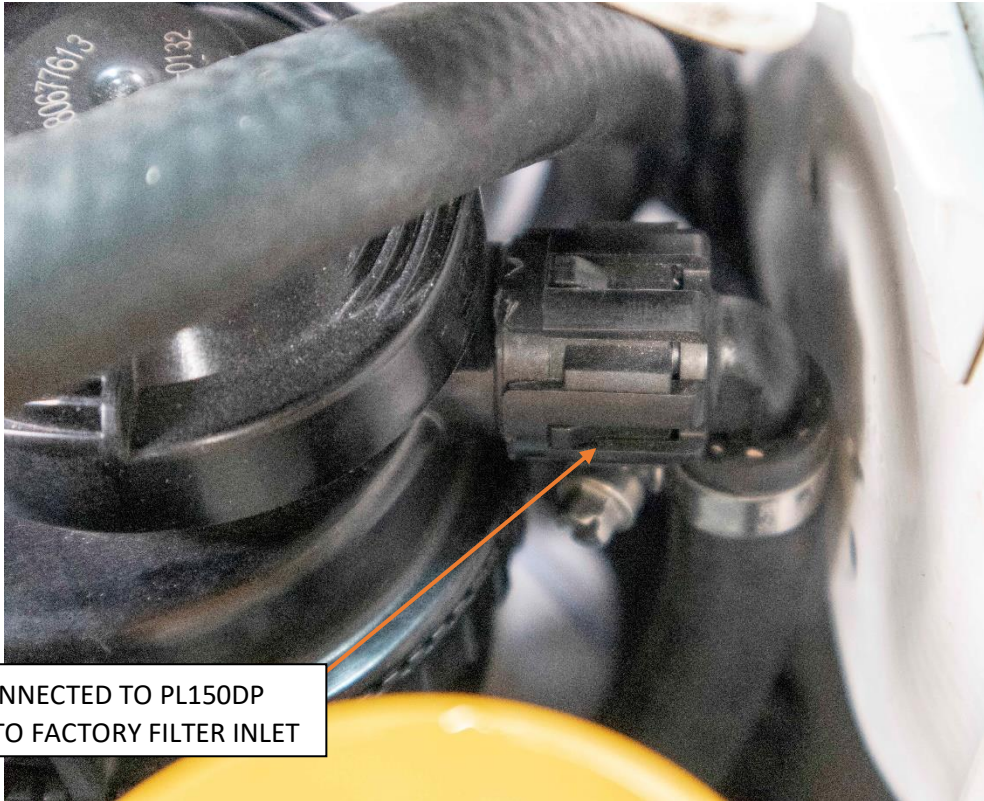
12. Lubricate the barbed end of the remaining push-lock fitting and the inside portion of the remaining hose to be fitted with a push-lock fitting with diesel fuel or WD40
13. Insert the barbed end of the remaining push-lock fittings into the pre-lubricated end of the hose. Ensuring that the hose stops firmly against the inside of the bell cover.
14. With the now assembled hose, screw the push-lock fitting on to the outlet port of the pre-filter.



HOSE CONNECTED TO PL150DP OUTLET TO FACTORY FILTER INLET

15. Measuring the hose in place between the outlet port of pre-filter the inlet of the factory fuel filter, cut the hose to length

16. Connect the 12mm fuel hose to the inlet of the factory fuel filter and secure with a supplied 12mm hose clamp



HOSE CONNECTED TO PL150DP  
OUTLET TO FACTORY FILTER INLET

17. Refit the factory fuel filter back into its mounting bracket.
18. Using the supplied nylon cable ties, secure any loose hose from rubbing on any other components
19. Bleed the fuel system by pumping the hand primer on the factory filter until firm, this may take some time





*Completed installation*

20. Start vehicle and run the vehicle, whilst checking all connections for leaks
21. Refer supplement guide for fitting the water alarm system

END OF GUIDE