



GREAT WALL V200. All Year Models.

Direction-Plus™ Fuel Manager Pre-Filter Kit

Installation Guide

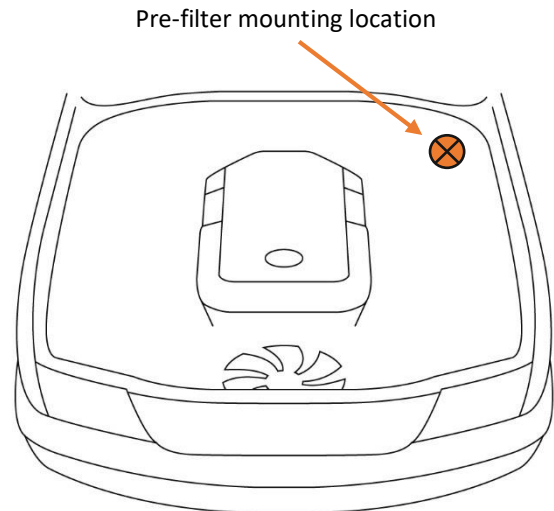
This document is to be used as a guide for the installation of the Direction-Plus™ Fuel Manager™ FM100 pre-filter Kit to a Great Wall V200. It is recommended that the installation of the product be carried out by a competent qualified mechanic.

Important before starting

- Ensure the engine bay is clean and free from contaminates
- The fuel manager 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

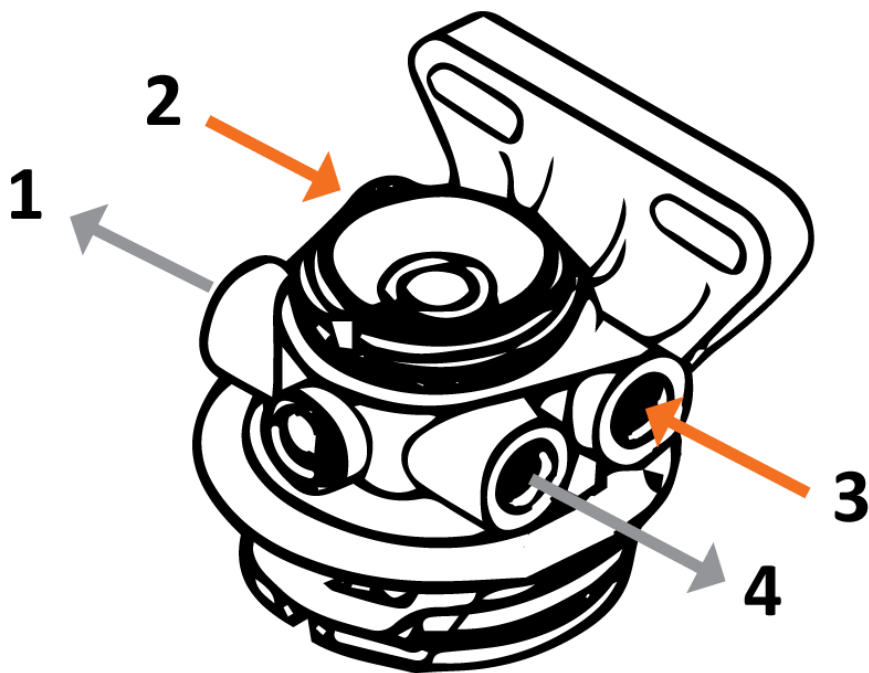
Kit contents

1/4" NPT STRAIGHT - 10MM	2
2 BOLTS 2 NUTS 4 WASHERS	1
9.49 STRAIGHT 8MM BARB	1
BRACKET - GREAT WALL V200	1
DFL10 - FUEL LINE RUBBER (10MM)	1
DP733-04 - 1/4 "NPT PLUG	2
ELEMENT ASSEMBLY 30M - 3.6"	1
END 9.89 STR 10MM BARB	1
FM ENGINE BAY LABEL	1
FM100 30 MICRON FILTER ASSY	1
FUEL MANAGER KIT	1
HOSE CLAMP - 10MM	2
LOCTITE 567 THREAD SEALANT - 6ML	1
PUSH ON 90 DEG - 10MM	2
WINDSCREEN LABEL	1



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

Fuel Manager Pre-Filter Normal Flow Header Connection



Ports 2 and 3 = INLET
Ports 1 and 4 = OUTLET



Installation Guide

1. The Direction Plus bracket mounts on the passenger side inner guard, close to the firewall above the existing fuel filter.
2. Use the two (2) supplied 6mm bolts, washers and nuts. Mount and secure the pre-filter bracket into its mounting location
3. Mount the Pre-Filter assembly to the Direction Plus bracket using the supplied 10mm bolts, washers and nuts.
4. Install the ¼ NPT barb fittings into the ports of the pre-filter assembly that are facing toward the front of the vehicle using the supplied LOCTITE thread sealant.
5. Apply a small amount of LOCTITE thread sealant (supplied) to the two (2) remaining black ¼ NPT plugs and install them in to the two (2) remaining ports on the pre-filter head assembly.
6. Install the supplied STRAIGHT MALE nylon quick fit fitting into one (1) end of the fuel hose (supplied) and secure with a supplied hose clamp
7. Remove the INLET hose from the original fuel filter (this will be a FEMALE quick fitting). Use this FEMALE quick fitting and attach it to the MALE quick fitting you have just fitted to the supplied fuel hose. Run this hose to the INLET side of the Direction Plus Pre-Filter assembly and cut to length.
8. Lubricate the barbed end of one (1) of the push-lock fittings and the inside portion of the hose to be fitted with a push-lock fitting with diesel fuel or WD40.
9. Insert the barbed end of one (1) of the push-lock fittings into the pre-lubricated end of the hose. Ensuring that the hose is firmly stopped against the inside of the bell cover.
10. Connect the assembled push-lock fitting to the inlet port of the pre-filter assembly so that the hose tail is in an upward pointing orientation
11. With the remaining fuel hose and push-lock fitting Lubricate the barbed end of the push-lock fitting and the inside portion of the fuel hose with diesel fuel or WD40.
12. Insert the barbed end of one (1) of the push-lock fittings into the pre-lubricated end of the hose. Ensuring that the hose is firmly stopped against the inside of the bell cover.
13. Connect this hose to the outlet of the pre-filter assembly
14. Route this hose to the inlet of the factory fuel filter and cut to length
15. Install the remaining quick connect fitting to the end of the fuel hose and secure with a 10mm hose clamp
16. Connect the assembled quick connect fitting to the inlet of the factory fuel filter
17. Ensure all fuel connections are tight.
18. Using the supplied nylon cable ties, secure any loose hose to prevent it from rubbing against any other components.



19. Loosen the thumb screw on the front of the Direction Plus Pre-Filter, pump the factory primer until fuel comes out. Retighten thumb screw and re-prime until the primer pump becomes firm.
20. Start and run the engine whilst checking ALL connections for leaks.

END OF GUIDE