



MERCEDES BENZ 416 SPRINTER

PRE-FILTER FITTING INSTRUCTIONS

IMPORTANT – BEFORE STARTING

- Ensure the fitting area is clean and free from contaminants.
- The Fuel Manager unit has arrows which indicate flow located under the ports.
- Install all fittings and plugs into the filter assembly using a suitable thread paste such as Threebond1110B. DO NOT USE THREAD TAPE.

Kit Part # FM608DPK

NOTES:

The Direction Plus Diesel Pre-Filter Fuel Kit is mounted on the passenger side of the vehicle behind the near side front inner guard.

The unit is best fitted while the vehicle is on a hoist in a safe manner.

Have clean rags all necessary tools and 1L of clean diesel fuel available before beginning.

As with all diesel fuel system exposure, ensure the system is fitted in a contaminant free environment, ensure all persons exposed to diesel fuel systems wear appropriate personal protection equipment including eye protection to avoid injury.

KIT CONTENTS

1. Fuel Manager 30 micron Filtration Unit
2. Mounting Bolts, Washers and Nyloc Nuts
3. Spare 30 Micron Replacement Filter
4. 2m 3/8 Inch Quality Fuel Hose
5. Direction Plus Filter Bracket
6. Blanking Plugs
7. 2 x Straight brass quick fittings
8. 2 x 9.89mm 90 degree quick fittings
9. 1 x 9.49mm straight quick fitting
10. 1 x brass quick fitting with 10mm barb
11. Hose Clamps
12. 3 x 6mm Bolt
13. 3 x 6mm Washer
14. 3 x 6mm Nyloc nuts

INSTRUCTIONS

1. The filter bracket is to be located on the passenger side behind the front inner guard. Locate the body support section (*see fig 1*) and the 3 locator holes. Note that sound deadener may be covering one or more of the holes. Scrape off the sound deadener to reveal the holes.
2. Using a suitable thread paste (not thread tape), insert the brass quick fittings into the right hand side of the filter and the blanking plugs again using thread sealant into the left hand side (*see fig 2*).
3. Mount the Fuel Manager filter head to the bracket using the supplied 2 x 10mm bolts and nuts (*see fig 3*).

INSTRUCTIONS (cont)

4. Using the 3 supplied M6 bolts, nuts and washers, mount the bracket to the support section (*see fig 4,5*).
5. Cut the fuel line at 1 x 800mm length. Insert 1 x 9.89mm black quick fitting into one end and secure with clamp. Insert the brass barb/ quick fitting into the other end of the hose and secure with a clamp. This is the inlet hose from the tank to the Fuel Manager.
6. Connect the black quick fit of the inlet hose to the rear brass quick fitting (inlet) on the Fuel Manager (*ref fig 2*).

For more information on the range of filtration kits available from Direction Plus as well as options including water sensors, hand primers, marine grade units, cartridge and OE replacement filters, contact your local Direction Plus Dealer today.

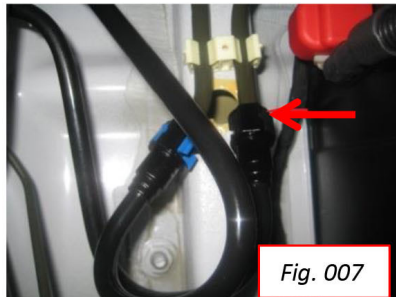
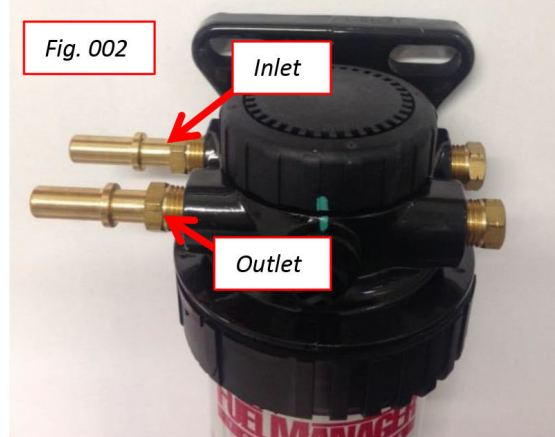
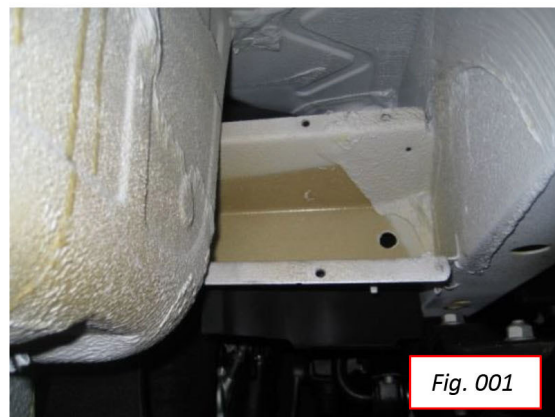


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PRE-FILTER FITTING INSTRUCTIONS (continued)

INSTRUCTIONS (cont)

- Cut another section of hose 500mm long and attach the remaining 9.89mm quick fit into one end. Connect the 9.49mm straight female quick fitting to the other end. Secure both fittings with supplied clamps. This is the outlet hose from the Fuel Manager to the engine bay. Fit the 9.89mm quick fit onto the outlet of the Fuel Manager (*refer fig 2*).
- Run both fuel lines through the cross member (*refer fig 6*).
- Disconnect the feed fuel line. The feed is the black connector with the grey clip (*see fig 7*). Note the Blue clip fitting is the return and will not work.
- Connect the inlet (brass quick fitting as supplied) to the plastic grey fitting (feed from the tank), connect the supplied 9.49mm female plastic quick fitting to the feed pipe which runs to the engine bay (*refer fig 8*).
- Secure all fuel lines using the cable ties supplied ensuring they do not rub or sit loosely.
- Remove the Fuel Manager Fuel Filter and fill with clean diesel fuel. This will aid the priming of the system during initial start-up. Start the vehicle and allow to run for 5 mins to clear any air trapped in the system. During this time, carefully check for leaks.



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