



CFHD-1003K

2019-2022 6.7L Cummins Filter Housing Delete

INSTALLATION MANUAL



APPLICATION:

**2019-2022 6.7L
Cummins Fuel Filter
Housing Delete**





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CONTENTS

NOTE: Owner's Manual available for download on our website,
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CFHD-1003



22S-A06V



(2) SW-1001



(1) OR-9.5MMX2.4M

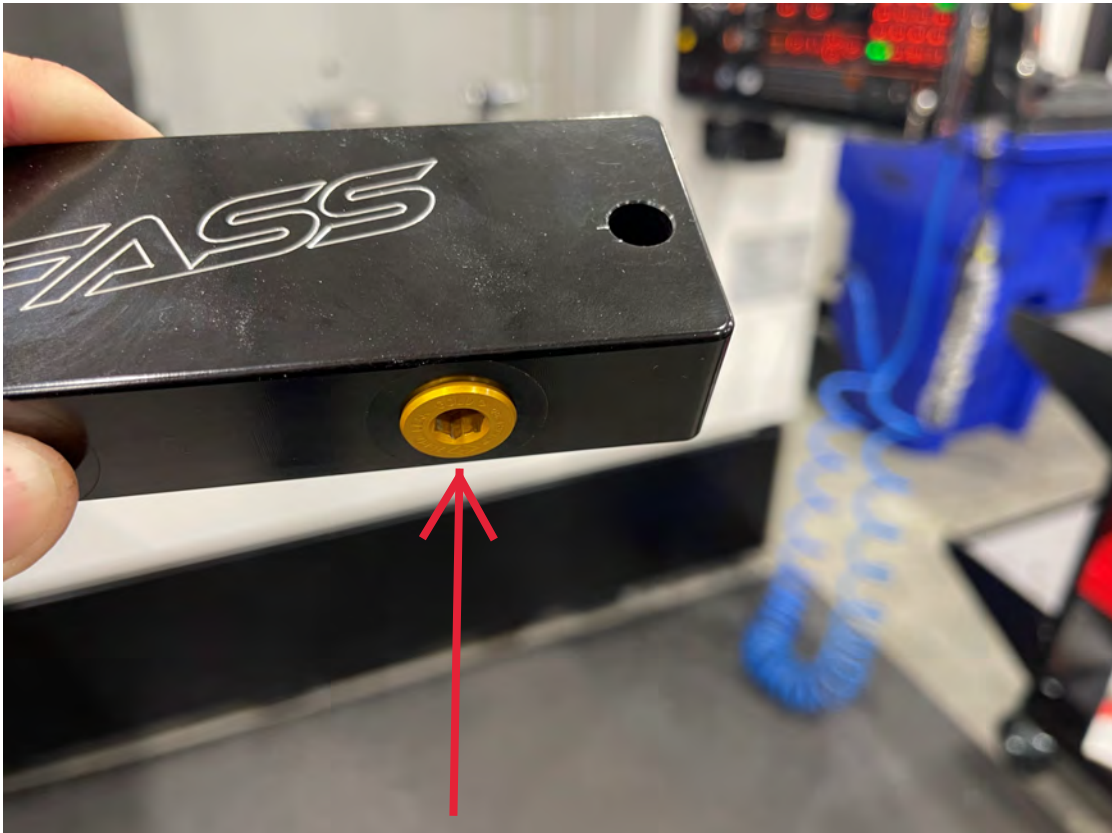


(1) WA-1001-1003

Note:
DUAL CP3 INSTALLATION

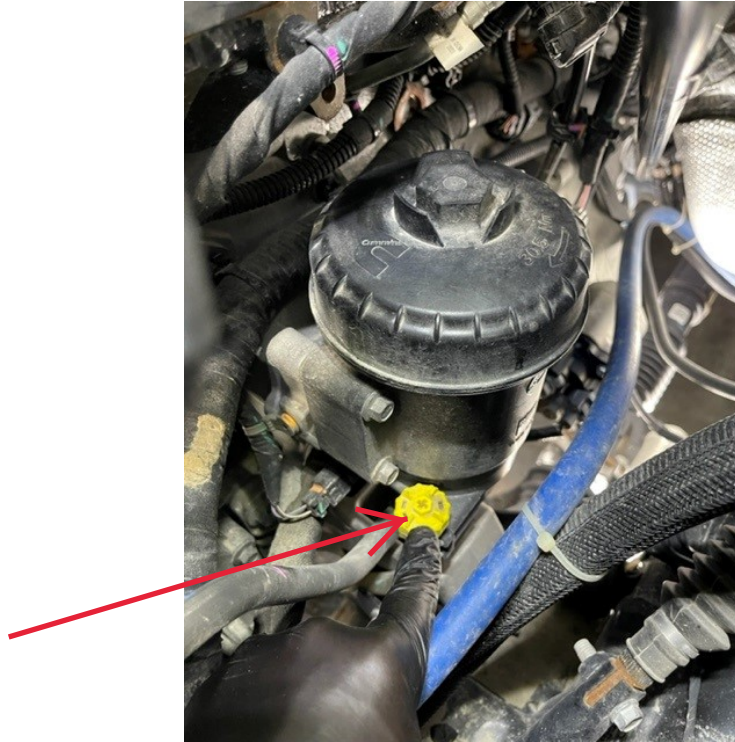
When installing the CFHD-1003K on a truck with dual CP3s, the -6 plug shown below can be removed to allow the second CP3 return to plumb directly into the CFHD-1003. This will allow a clean and simple dual CP3 fuel return.

This port will accept -6 AN O-ring fittings.

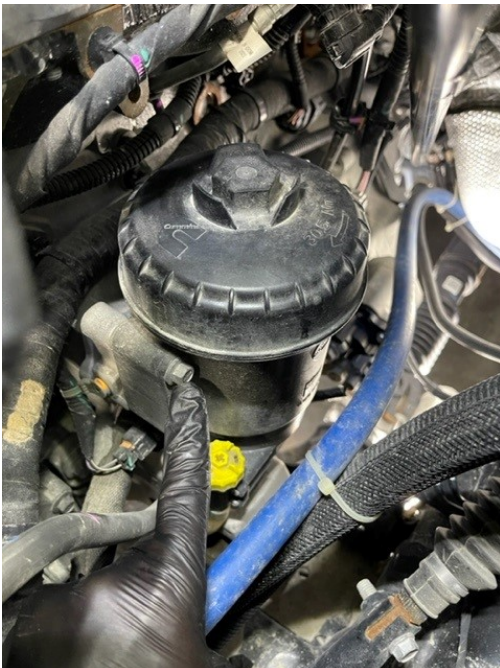


STEP 1: **REMOVE OEM FILTER HOUSING**

- A.** Place a drain pan under the truck, then drain the factory fuel filter housing.



- B.** Disconnect the WIF sensor connector, fuel heater connector, fuel inlet line, and fuel outlet line. Remove the bolts securing the filter housing to the filter housing bracket and remove the filter housing from the truck.

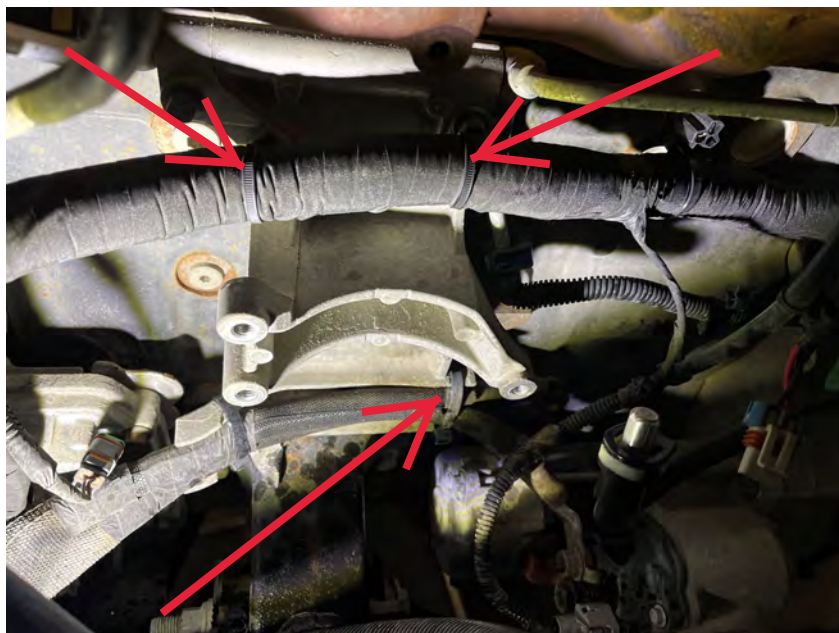


STEP 1: **REMOVE OEM FILTER HOUSING**

C. Remove the banjo bolt located at the rear of the the OEM filter bracket. Remove the male thread in quick disconnect fitting located at the front of the factory filter bracket. The original sealing washers will not be reused.



D. Carefully cut the 3 zip ties securing the engine harness to the filter housing bracket, then remove the bolts securing the filter housing bracket to the engine block. The bracket can now be removed from the truck.

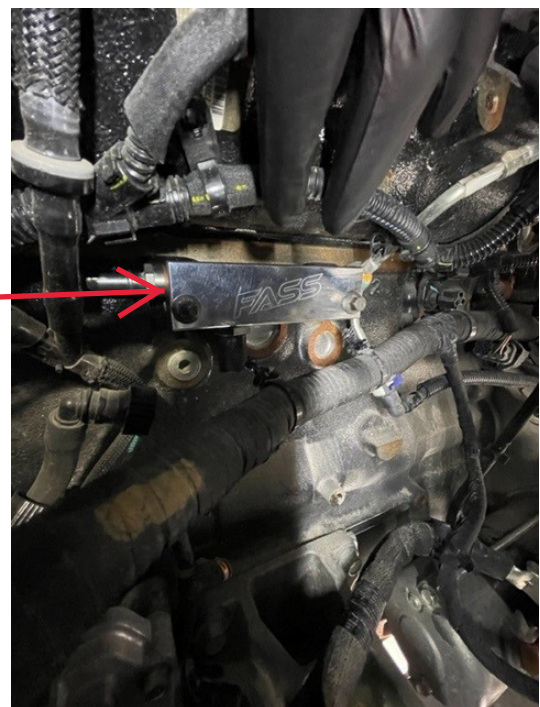


STEP 2: **INSTALL CFHD-1003**

A. Install the -6 plug into the RH side of the CFHD-1003 and tighten accordingly. Remove the WIF sensor from the OEM filter housing. Apply grease to the WIF sensor O-ring, then install it into the LH port of CFHD-1003 and tighten accordingly.



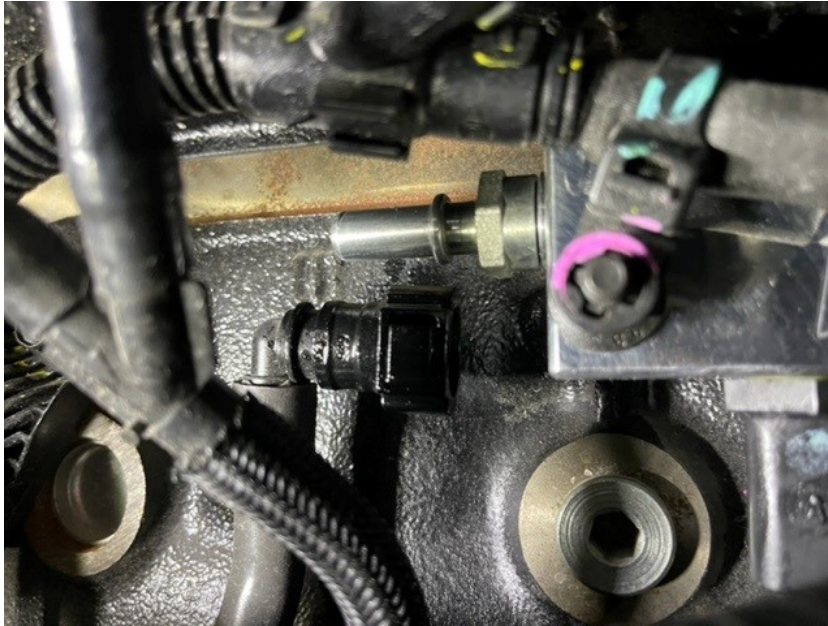
B. Install the CFHD-1003 in place of the OEM filter housing bracket using the factory mounting hardware. Using the two supplied copper sealing washers, install the banjo bolt at the rear of the CFHD-1003 and reconnect the quick connect fitting. Next, using the supplied black rubber o-ring and washer, install the male quick disconnect to the front port of the CFHD-1003. (Front of truck)



NOTE: Correct installation for the OR-9.5MMX2.4M & WA-1001-1003 on the factory male thread in quick disconnect.

STEP 2: **INSTALL CFHD-1003**

D. Reconnect the fuel return female quick disconnect line to the male fitting that is now installed to the CFHD-1003.



E. Reconnect the WIF sensor connector, then start the truck and verify that there are no fuel leaks.

