

2008-2010 FORD 6.4L OPEN AIR INTAKE

Installation Guide

Read the complete guide before beginning. Keep removed hardware organized, follow all safety precautions, and verify all connections before operating the vehicle.



Disclaimer

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Caution

Never work on a hot vehicle. Serious injury in the form of burns can result if the vehicle has been in use. Allow vehicle to cool prior to installation. Always wear eye protection when working on or under any vehicle.

2008-2010 ford 6.4L powerstroke open air intake



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A. C. B.

D. E.

A. S&B Filter D. Intake Stand B. Filter Clamp E. MAF Sensor Port C. Intake Tube



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STEP 1

Begin by removing the factory intake. Start by disconnecting the MAF sensor and Filter Minder sensor plugs from the intake tube.



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STEP 2

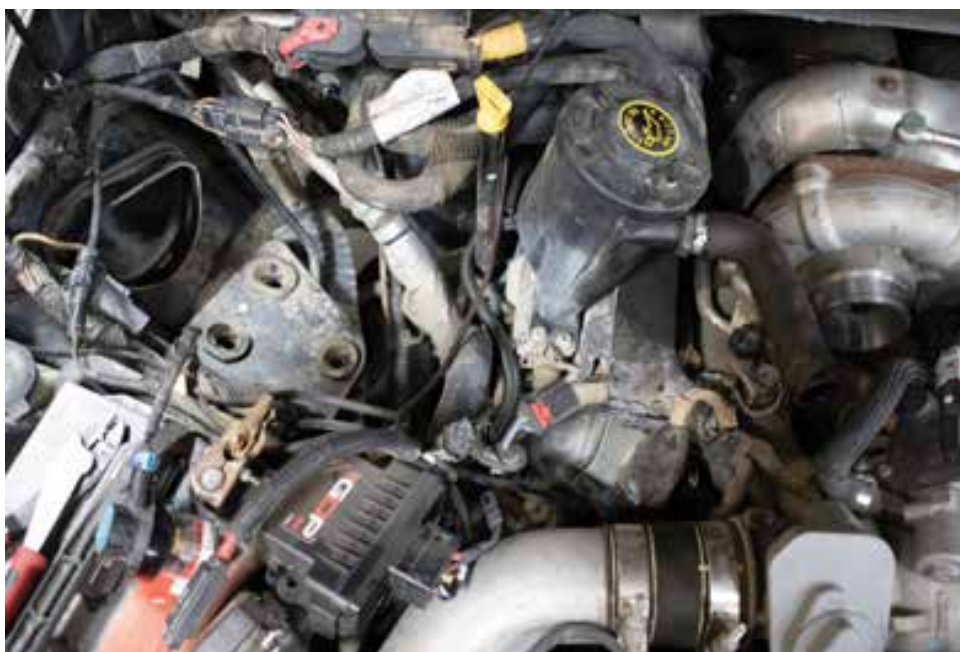
Next, unclip the clips from the middle of the factory intake box (there is 1 on each side), and pull the top of the box off, revealing the filter.

STEP 3

Now loosen the 2 intake tube clamps, using your 8mm socket. You should then be able to separate the intake tube from the filter housing. Once separated, grab the filter housing and tug upwards while wiggling side to side, and this should free the housing from the bracket holding it to the truck (make sure the single rubber grommet stayed in the mounting bracket and is not stuck to the bottom of the intake housing, because you will need it for the new intake stand).

STEP 4

After the intake housing is out of the way, you should be able to disconnect the rest of the intake tubing all the way to the turbo. You will however need to break the clamp that holds the breather hose onto the factory intake tube, in order to remove that tube from the engine bay.



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STEP 5

Now that everything is removed, begin by placing the 4" boot and one of the clamps over the inlet of the turbo housing (leave loose enough to give you room to insert the intake tube).

STEP 6

Place the other clamp over the boot and insert the correct end of the This will take some finessing since it is a very tight fit. Make sure you have a good even seal with the boot on both ends before tightening the clamps, using your 11mm socket.



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STEP 7

At this point you've probably noticed that the breather hose is going to be too long for the new intake. Take and cut about half of that hose off, and then insert the intake tube piece into the remaining breather hose that is still attached to the engine oil reserve. Use the small hose clamp provided and your 8mm socket to tighten.

Signal = Blue connector, pin 69 Ground = Blue connector, pin 49

Signal = Purple Ground = Black

STEP 8

From here go ahead and install the intake stand. Force the bottom pointed end of the stand into the open hole w/rubber grommet on the base of the factory intake bracket, and then using the hardware kit provided, mount the other end of the stand to the obvious piece that has been welded to the bottom of the intake tube.

STEP 9

Now take the oversized intake filter and place it onto the end of the intake tube. Tighten the included clamp so that it isn't loose, using your 8mm socket again.



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STEP 10

Final step, is to reinsert the MAF sensor into the new follow the direction of the arrow, as it was originally (in general the arrow will point away from the filter). Hardware is included for this, but you can re-use the factory screws if you choose. Tuck the harness for the old Filter Minder out of the way, as it is no longer being used. Make sure that you have your angles correct so that your hood can close without hitting the intake anywhere, before tightening all of the clamps fully.

Signal = Blue connector, pin 69 Ground = Blue connector, pin 49

Signal = Purple Ground = Black — **DIESELS** —



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