

Instruction: Pink injector install on 02-03 WRX with PHOTO

I spent 3 hours today installing pink injectors and removing stock turbo in near freezing weather. It took me 1 1/2 hours trying to unbolt one of 3 10mm bolt holding a breather cover on driver's side, which I later find out is not necessary to remove (optional)

!!!- Pull the ignition fuse (#11) from the fuse box under the steering wheel column.

Crank the engine for a few times to relieve fuel pressure in the line. Hope you find instruction and photos useful. :)

Tools you need: wrench, 10, 12, 14mm sockets, pliers, zip ties, PB blaster. Remove two 12mm bolts that hold IC





Remove BPV by removing two 12mm bolts (be careful not to lose a gasket)



Remove TB hose



Remove turbo to y-pipe hose



Remove two hoses (driver's side has one hose)



IC removed!



Remove this plastic cover on driver's side



Remove the intake box (there are two bolts - you need a long extension to reach there)



Intake box removed!



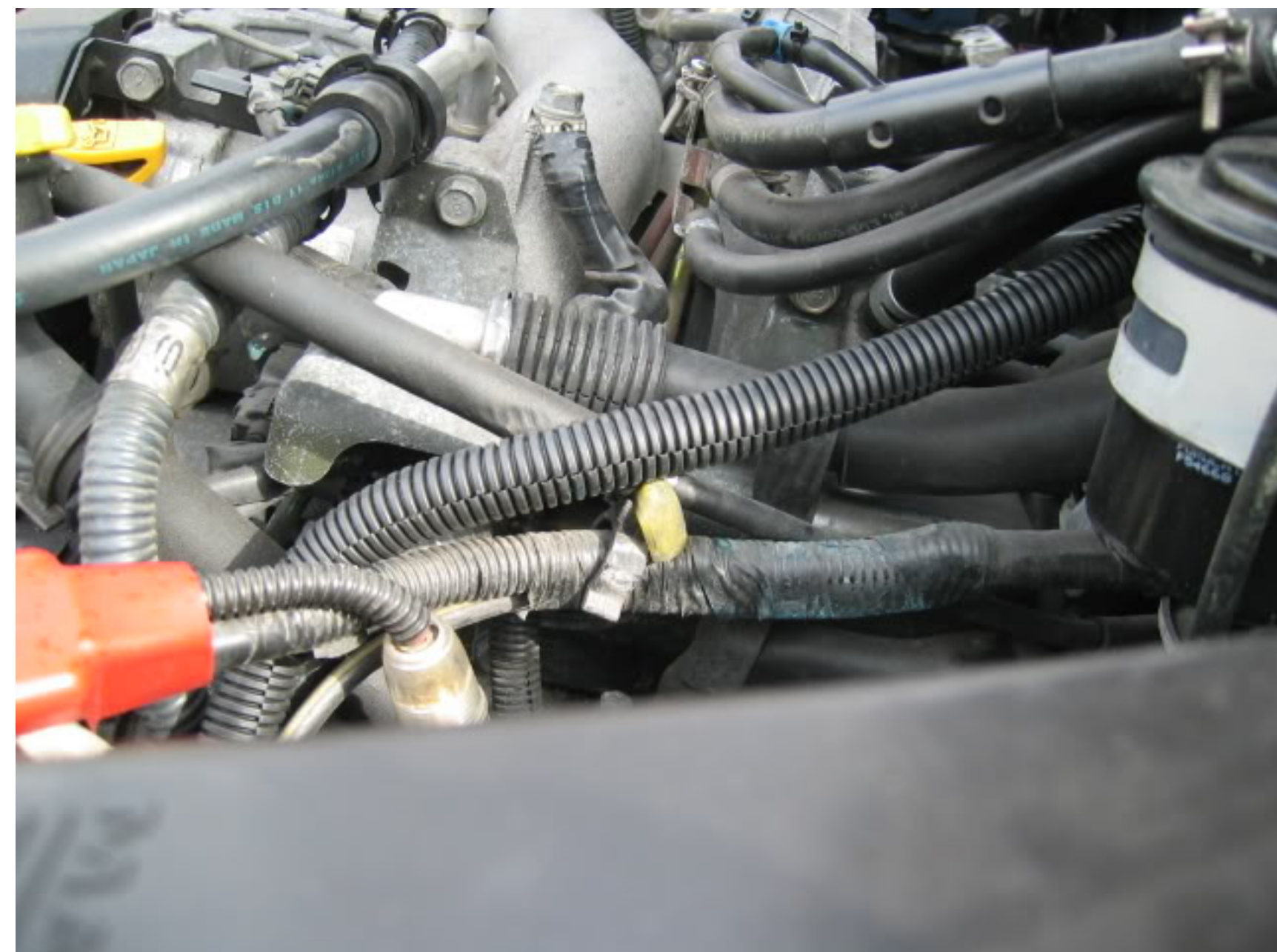
Remove the battery



Move a windshield washer reservoir (two bolts)



Bracket is visible now!



You will have to take this breather cover off in order to reach a 12mm bolt that hold driver's side GBOD.



Removed!



You can reach from the top to unbolt this hard to reach 10mm bolt on breather cover.



Picture of driver's side GBOD! Took me about 30 min to remove IC and GBOD. You will have to bend a AC line slightly to create enough room to wriggle out the bracket.



You will have to put this piece back on as hose off of breather cover is connected to a hose on GBOD. You have an option to cut this section off of GBOD and install it back on. I decided to put the bracket back on. :) You will have to bend a fuel line slightly in order to remove stock injectors. Be sure to use a gas to lubricate o-rings before

installing pink injectors.
Here are two stock injectors:



There are two 12mm bolts holding a fuel rail



Remove this 12mm bolt that's holding a fuel line on left side of injector closest to the front bumper.



Gently lift the fuel rail up with your left hand and use your right hand to pull down the injector to separate it from the fuel rail.
Make sure to disconnect the harness from the injector first.

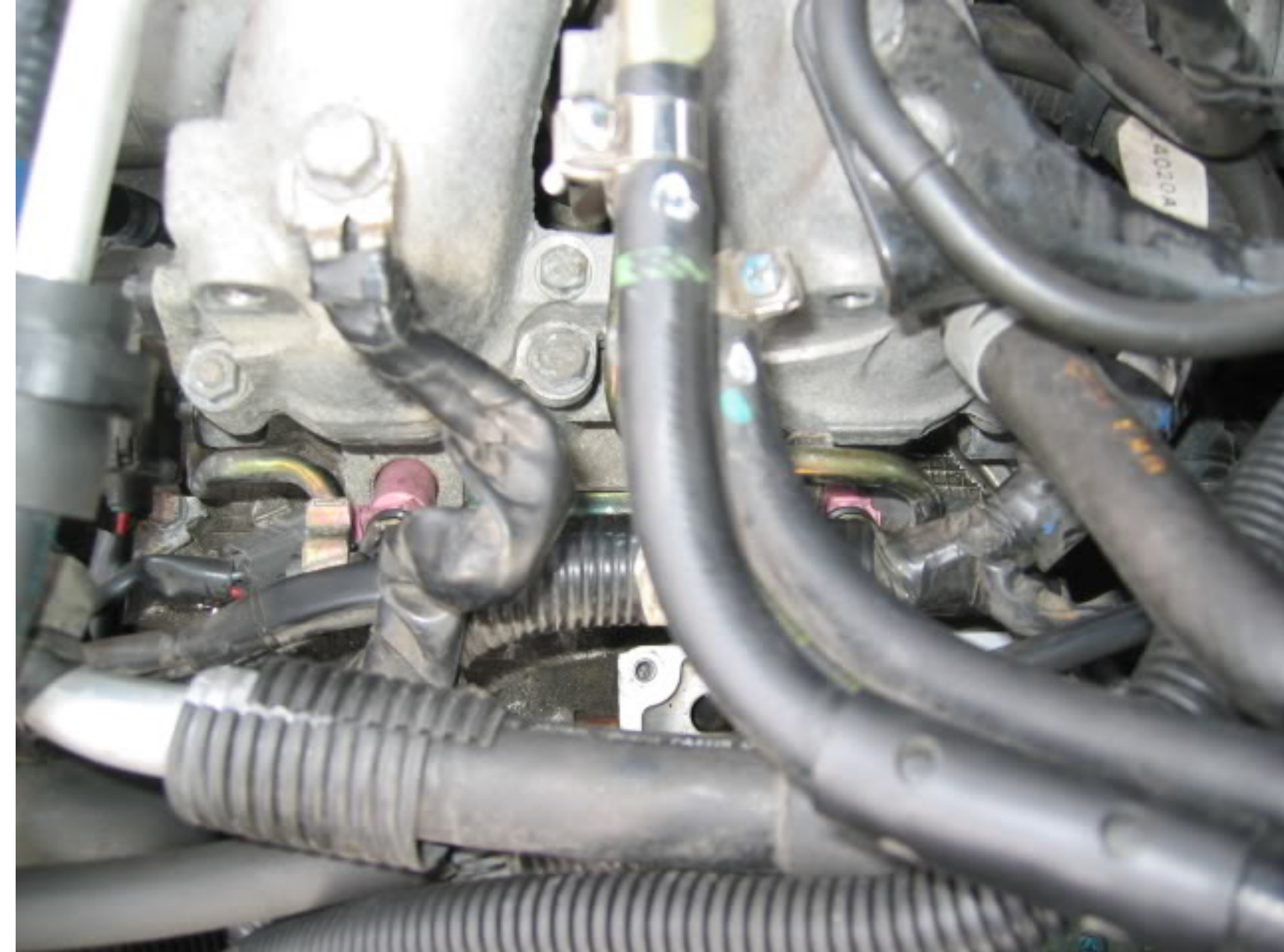


Picture of Pink injectors with o-rings correctly installed:

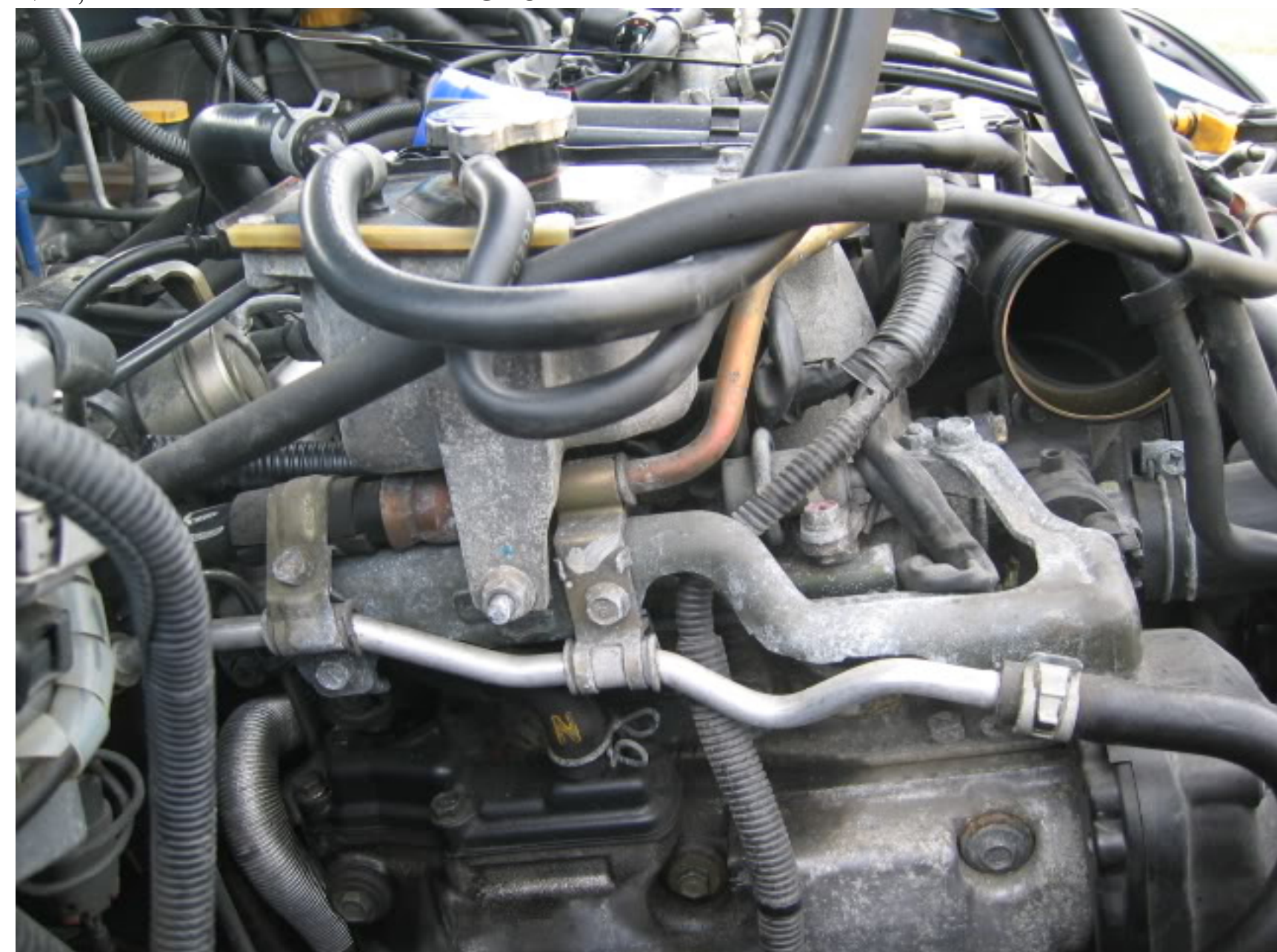


Make sure to pull up injectors hard toward the fuel rail until you feel 'click'.
Please note you may not always feel the click. Don't forget to reconnect the harness to each injector

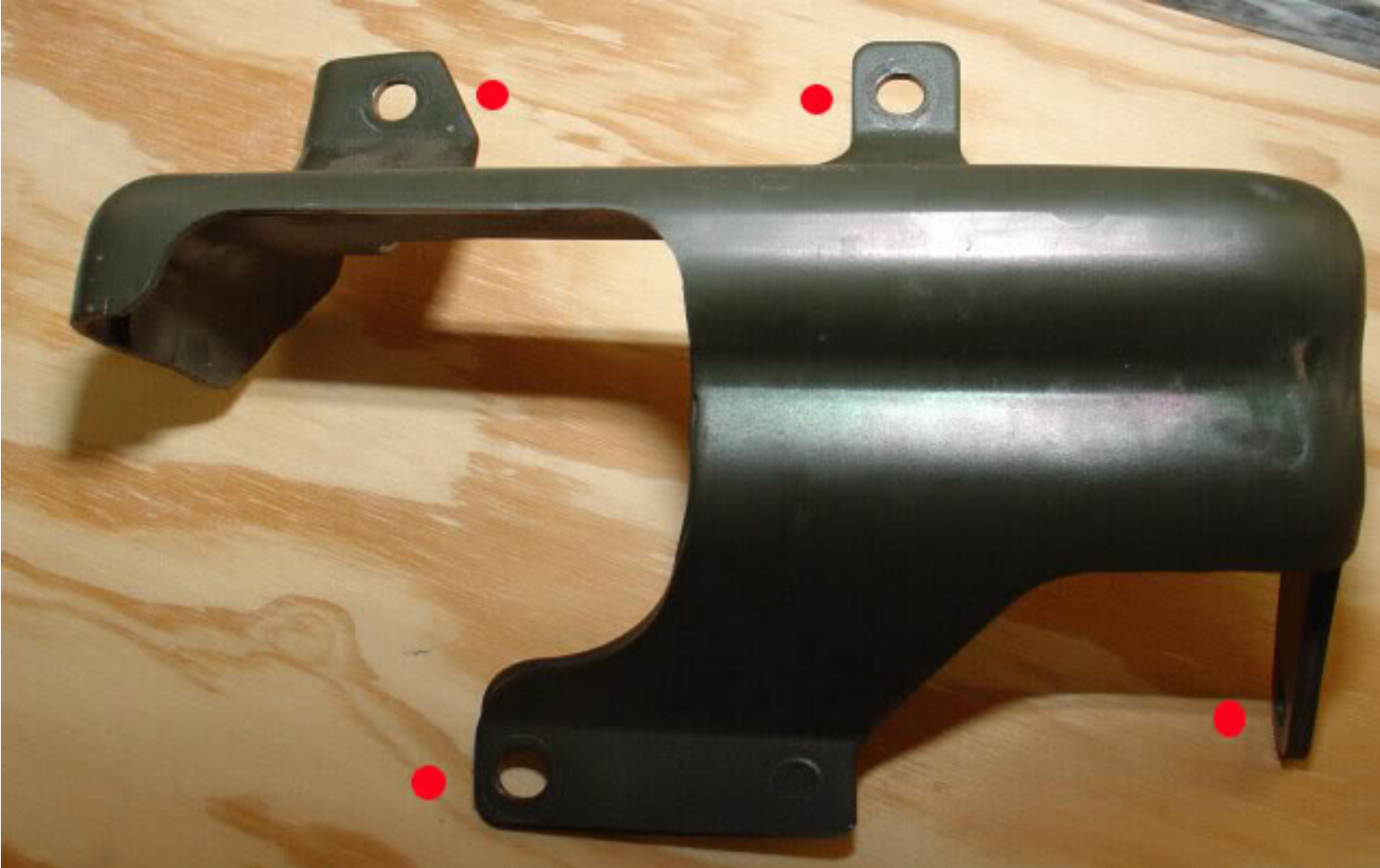




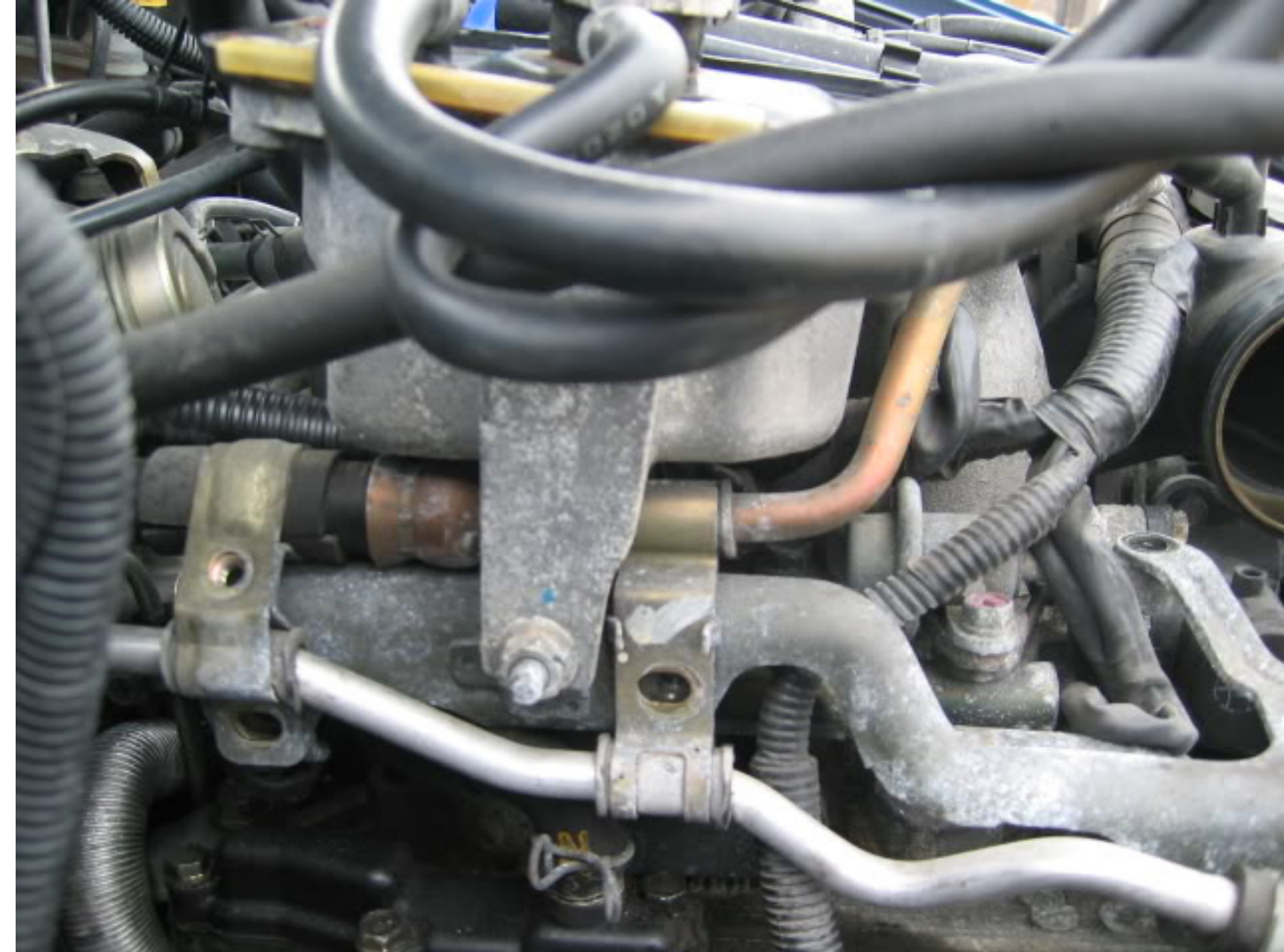
Now, it's time to tackle driver's side GBOD!!!



Here are pictures of GBOD (CREDIT TO RayfieldsWRX from clubwrx.net).



Remove 5 12mm bolts on bracket as well as a few other bolts.



There are two hard to reach bolts (2 12mm bolts that hold bottom section of GBOD) hidden behind here. There are two options to tackle these two bolts. First option is to remove a breather cover by unbolting 3 10mm bolts or by using a small 12mm wrench to fit behind a breather cover. I went with later option with a good success.



Two bolts that are holding a fuel rail. Remove these (one on left is hard to remove, so wait until you remove bracket first)



This bolt is hard to reach (use a wrench since there isn't enough space to use a socket in there). Picture not shown is another bolt that's located right below this 12mm bolt.

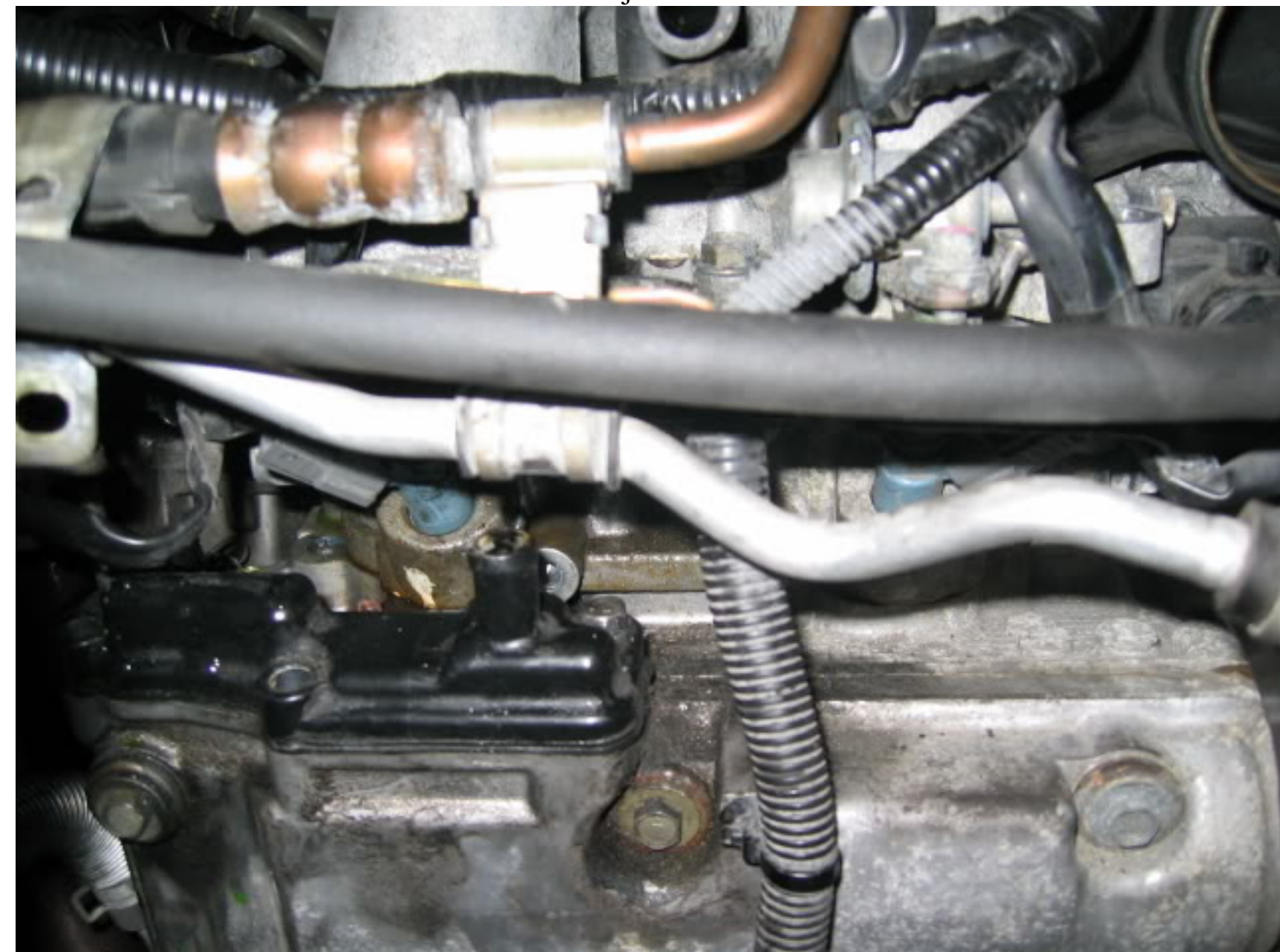
Once again, you will have to use a wrench to reach down there. It's one of the most difficult bolt to reach during the install.



Remove a coolant reservoir tank:



GBOD REMOVED!!! You can see blue stock injectors here:



Follow these steps in order to remove and replace injectors. 1. Remove this bolt that holds a fuel line (bolt shown below is facing towards front bumper).

Once you remove this bolt, you will be able to lift the fuel rail slightly to be able to remove stock injectors.

Optional: two 12mm bolts that are holding the fuel rail might be difficult to start the thread; one option is to remove FPR

which will give you more space to work around it.





This
Bolt

2. Once again gently lift the fuel rail with your hand and use your right hand to slowly pull out the injector. Sometimes o-ring may fall out while pulling the injector out. Once injectors are out, install pink injectors.

