

Installation on the vehicle

The long awaiting moment of installing the freshly rebuilt tank on the 33 has come. It is not that hard to install the tank, you just need to have enough room to creep under the car, so you better have the rear of the car lifted.



As a first step we need to depressurise fuel system by removing the fuel pump fuse. Crank the engine and it will hardly start as the system is depressurised. This way you won't have fuel spraying around your face when you remove the fuel lines.



I have drained the remaining fuel in the tank by using the old electric fuel pump and a 10lt plastic tank



Lift the rear of the car. I have used the good old way of a jacking stand a piece of wood under the wheel.



Lets begin by removing the fuel lines along with the plastic fuel filler neck; should it be necessary renew them. Mine showed crack signs so they will be replaced with new ones.



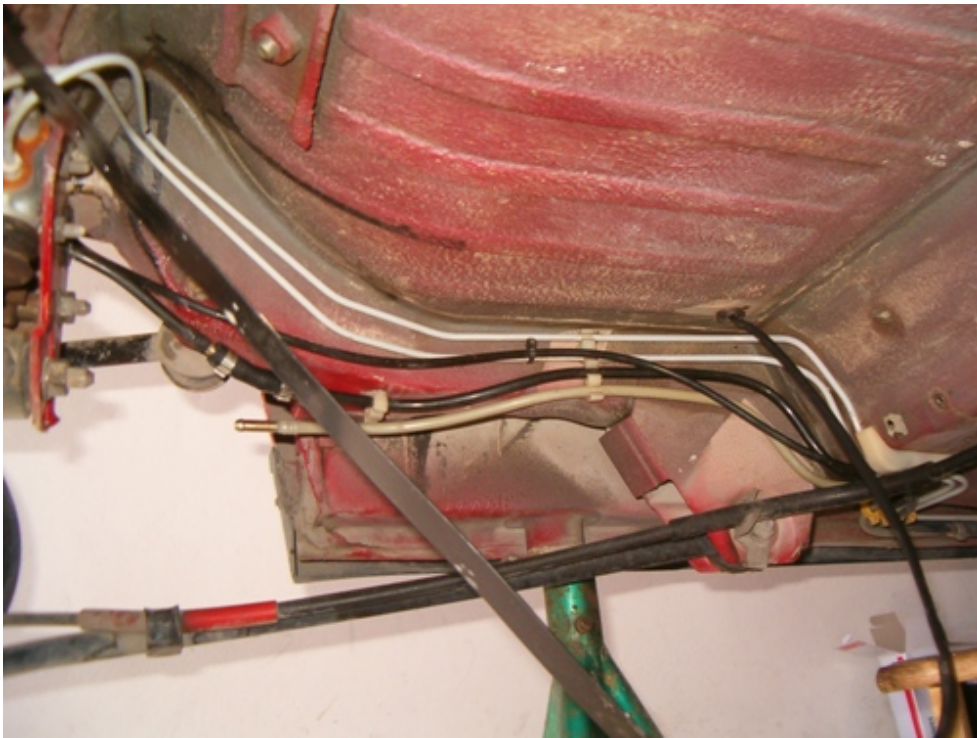
Undo the straps holding the tank in place and remove tank from the car. Notice again the different routing of the temporary tank.



I have integrated the earth lead of the tank to the rife routing. This way I won't have to remove the bolt from the sender unit the next time I remove the tank; I should remove it from the chassis which is far easier.



I have used a long bubble wrap sheet rolled under the car. Then I just pull it from the front and the tank is in position without scratching it on the floor.



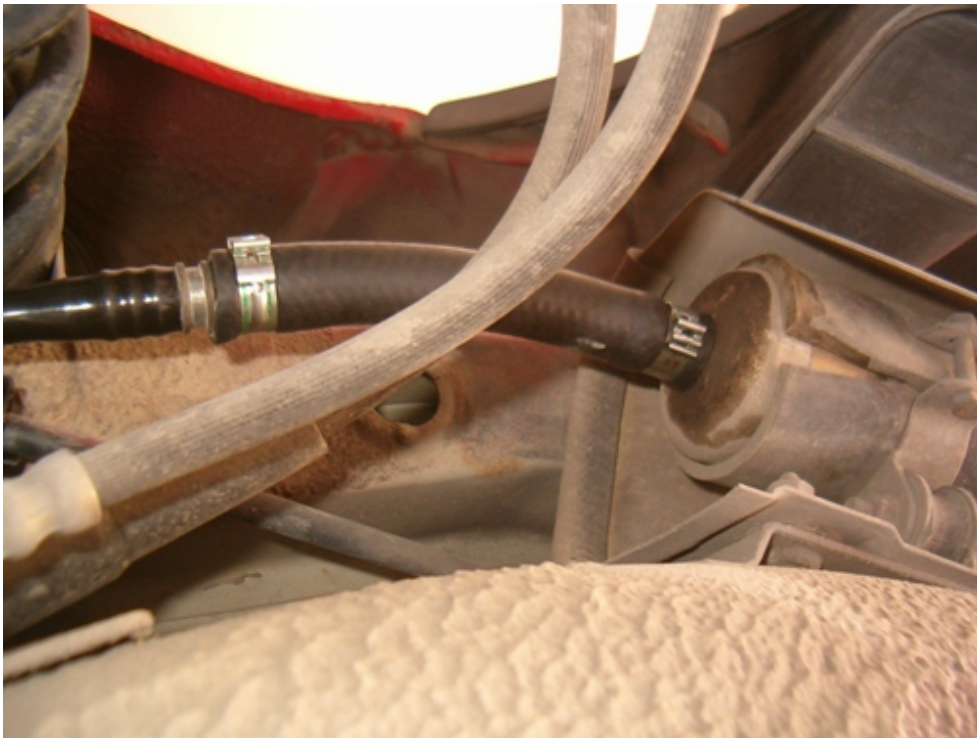
All the underside covered by the tank has been cleaned and new straps are ready to keep the tank in place



Just seated in place...



Fuel feed line is attached and properly clamped



The same done to the fuel pump rubber line



New 8 mm ID rubber lines fitted. Again black is for supply and grey for return.



A new fuel filler neck will be used



Filler neck is in place with clamps properly tightened, blue relief hose attached to filler tube and properly zip tied.



Finally a new hose is also installed to the fuel pump outlet.



Fuel tank straps are fully tightened.



The 33 is now ready for her first full tank.

These lines are written 6 months after the repairs and I have not faced any problem whatsoever. In addition the tank now feels more robust as the internal sealing and the paints on the outside have significantly increased its thickness.

I would suggest the use of POR15 products - they are 100% true as advertised.

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1991 Alfa 33 1.4 IE