

Fuel Filter Install

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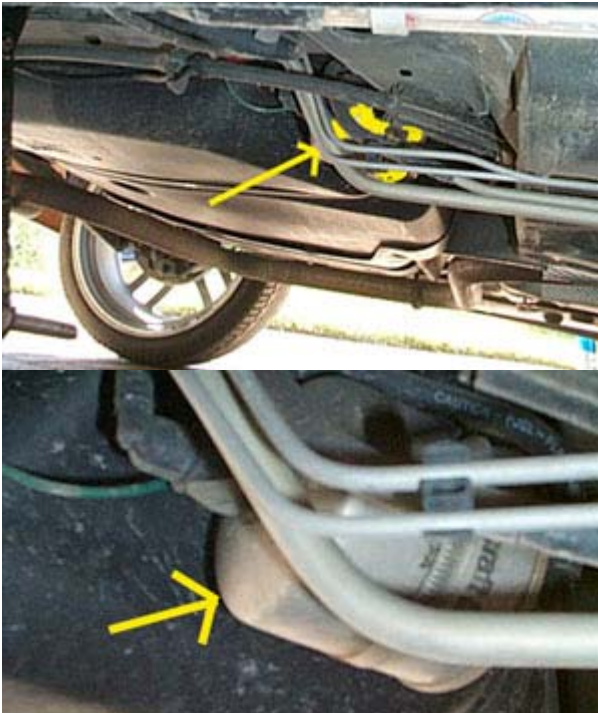
This procedure involves a significant amount of fuel discharge. Do not have anything that can make a spark/flame within 3 yards of the vehicle when changing your fuel filter. You will need a fairly large non-plastic container to catch the fuel.

1. Jackup the right side of the vehicle

Enough so you can get under it and work with tools



2. Locate the fuel filter



3. Remove the white plastic clips at both ends of the filter

There should be new clips included with your new fuel filter. The clips are designed to break when removed, so do whatever you have to do to get them off. I usually pry a screwdriver into the pointed end, or use pliers to rip them out. Just make sure you don't

damage the black fittings.



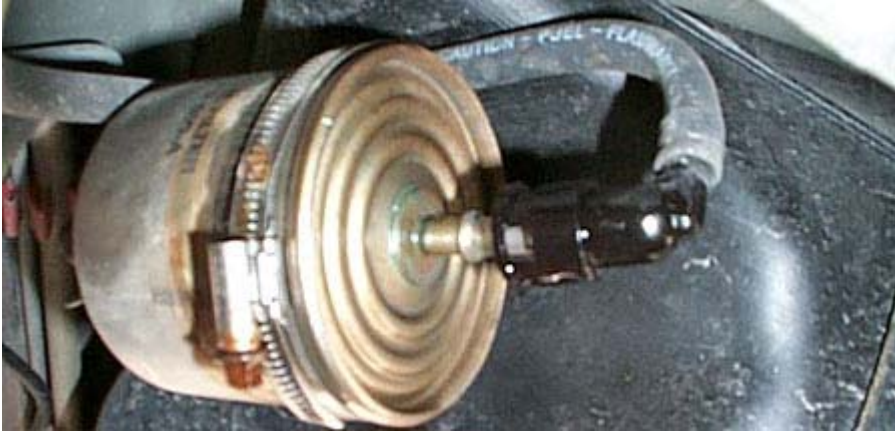
4. Unscrew the clamp holding the filter

The clamp should be loose enough so you can remove the filter, but don't completely remove it.



5. Remove one of the black fittings: CAUTION: FUEL DISCHARGE

Pull one of the fittings off the filter and allow the gas to drain into a non-plastic container. You can dump the fuel after the draining has completed



6. After the fuel has drained (takes some time) remove the other fitting
At this point more fuel will leak out.

7. Now, angle the filter so that the fuel can drain out of it.
There is ALOT of fuel in the filter. Expect a good drain time.



8. After all the fuel has drained, remove the filter.
You'll have to slide it out sideways. I find the easiest way is to the left in this photo.



9. Now put the new filter in the loop and tighten the screw.

Be careful that the loop is still attached to the same place as before. There is a plastic lip that the loop slides over, and touches a grounding plate.

BE SURE THE FUEL FLOW INDICATOR ON THE NEW FILTER IS CORRECT:
Should point to the right in this picture.



10. Now re-attach the fittings to the filter.

Make sure the fittings are pushed onto the filter ends snugly. Push the enclosed (new) white clips into where the old clips were. The Triangle of each clip should point away from the filter (outward)



11. DON'T START THE CAR YET

If you start your car now, your engine will not be happy. You need to remove the air in the line that happened when you drained the filter. You will need to **PRIME** the system. To do this, turn your key to the **ON** position (**NOT START**) and listen for a whirring sound. This is your fuel pump priming the system. Now turn the key **OFF** and wait 10 seconds. You will need to repeat this at least 10 times (I recommend more) until the whirring sound gets a lower pitch (working harder). At this point it has achieved pressure and you can start the car.

12. CHECK FOR LEAKS

Make sure there isn't any fuel leaking from the filter. If there is, check the fittings and make sure they are snug.