

Replacing the 75/Zt in tank pump.

Obviously use common sense here,
No Smoking,
Treat the plastic parts with respect and you won't break anything.
Look twice, force it once!

You will need before you start...

Tools!

Inc 3 small screwdrivers or similar rods, approx 2mm diam

Odd bits of string to tie up the seat /carpets etc.

A New pump unit.

A small pipe clip to refit the fuel pipe. (Approx 15mm diameter)

I used a tiny Jubilee type clip

1. Remove the rear Seat

Tug the front of the seat up it will unclip at the front.

Look under the seat and see the 2 seat wire frames clipped to the car body., with a Piece of wood or similar push to unclip, it is quite hard, but not as hard as it is to get them back in .LOL.

Pull out the seat base and remove out of the car or tie out of the way with string or something... I found a use for those old bungee cords I had lying about.



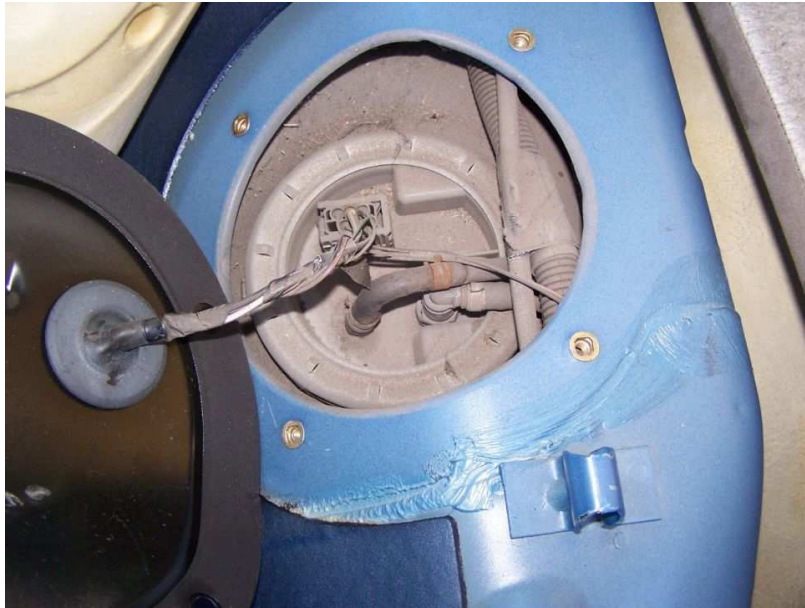
Similarly hold back the floor carpet and the under seat sound proofing.



You will then find The pump cover, held by 4 x 10 mm bolts
Remove the 4 bolts.



Pop out the large grommet from the cover plate so you can move it out of the way
without disturbing any cables.



On the top are the electrical connector, and 2 pipes. (Feed and return, I think!)
 The connector is removed by pulling the outside one way; it should automatically jack the plug off. You can see from the photo the jacking slots and lugs
 .Remove the 2 pipes & clips. The lower one has a push in clip fitting .



You will see the access cover to the tank held on by a large threaded ring.
 Using a piece of wood and the hammer/mallet on the many raised lugs,
 Tap the ring anticlockwise and unscrew. It
 Move the ring out of the way,



Now you can lift out the pump, it's a bit fiddly and the long wire and float for the fuel level mechanism needs to be wiggled about to come out.

Pull off the thin blue/black cable from inside the tank; it gives a bit more movement to the pump unit.



There is also a large rubber seal in the tank opening, try not to lose it down in the tank.

NB.

I used a large piece of rag, split halfway down the middle and put this between the pump and the tank, it can help to keep thing from dropping into the tank and also keeps the fumes at bay a little.



You now have to separate the pump section from the main section.
Does this by pulling out the 3 black rubber pieces with a pair of pliers.



This will allow better access to the pump area.



You will then need to remove bits from the pump.

In whatever order you feel like.

The corrugated plastic pipe from the top of the pump, its quite hard, as its probably been there a while, also it depends on what type if clip is used as well, mine was a standard crimp on, and it needed snipping off .

Best just too carefully apply brute force .Unless you can get the pipe off at the bottom any easier?



.Remove the 2 power connection spade connectors. They are different sizes so no need to label them

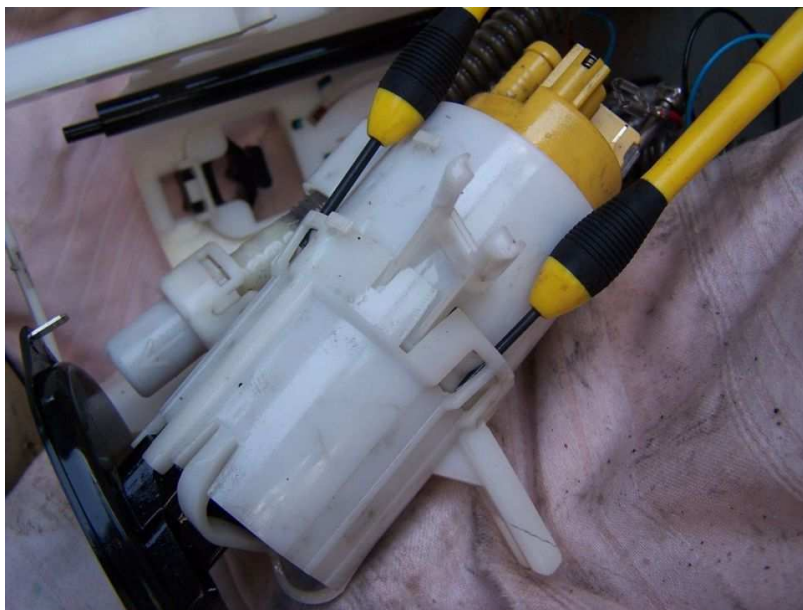
Remove the Black plastic Filter at the bottom; be aware this has a small clip type attachment that needs tweaking out with one of the tiny screwdrivers.

(Don't break it like I did Doh!).



Now you should have a bit more room to split the filter halves.

I used the 3 small screwdrivers, pushed in the small grooves in the centre of each of the 3 clips.



NB.

Just take notice of the position of the pump, but it does only really correctly fit in one position though.

When the 3 clips are free it's just a case of pulling the top and bottom halves apart. Again it's all quite tight.



Once apart it's just a case of popping out the old pump and popping in the new one.

Clip the top and bottom halves back together, making sure the clips engage.

Refit the bottom filter,

Clean up your corrugated pipe end and reattach using whatever clip you are happy with.

Put back the 2 power wires.

Refit the pump part back in the main section, popping back in the 3 little rubber mountings...

You can always give it quick test now. Switch on ignition, and the pump should whirl. Only run it for a few seconds.

Then fiddle the whole thing back, plugging back in the blue/black wire down inside the tank, this plug is keyed so you cannot get it wrong.

Remembering to refit the seal if you removed it,

It must be fitted into the tank first you cannot fit it on the pump first due to its shape,



Refit the threaded ring, don't force it, it will fit easily a screw on finger tight.
Then tap tighten with the wood and hammer/mallet.

Refit the 2 pipes
Refit the plug.



Do retest to make sure the car starts and runs
Bolt back the cover plate and reseal the large grommet.
Put back sound proofing, carpets, and the seat base.
Those rear wires will be little monkeys ;-)

You've done It.!!