AUDI A4 hydraulic pump motor removal guide

A simple step by step guide for the removal of the pump motor prior to using our mail order repair service.

Tools required: Large flat screwdriver
3/8" or 1/4" ratchet
150mm extension bar
10mm deep hex socket
T27 or T30 Torx bit

Other items: Rags or paper towels
2 Plastic bags
Self adhesive tape

Packaging: Cardboard box, approx 12 x 12 x 20cm
Packing material

Disclaimer:
This guide is provided for those persons with the necessary skills to carry out vehicle repairs.

A small amount of hydraulic fluid may be released during this procedure and suitable precautions should be taken to avoid any contact with the skin and also the vehicle paintwork

Autoelectron accepts no responsibility for any personal injury or any damage caused to the vehicle by using this guide.
This guide is applicable to the Audi A4 manufactured from 2001 to 2009.

Once you have access to the hydraulic pump, the motor (2) is easily removed by un-plugging from the electrical connector (17) and removing the two screws (6)

The following step by step guide shows you how to access the hydraulic pump.
Step 1
Make sure the boot is empty.

Step 2
Remove boot carpet.

Step 3
Partially remove the boot lid sealing rubber up to these points.
Step 4

Remove the plastic boot lip cover, pull upward on the two clips shown here, it’s quite tight so prepare to use some force!

Note.

The cover is held on by 4 concealed clips, the approximate position of the clips are shown in blue.
Step 5
Remove the plastic rivet at the top near the right hand side compartment cover.

Step 6
Remove the plastic rivet at the top rear of the cover.

Step 7
Wriggle and pull the cover gently but firmly away at the bottom.
Step 8
Disconnect or remove the light.

Step 9
Pull the cover out about this far.
Reach behind the 12V socket and unplug the wiring connector from behind.

Step 10
Alternatively, I find it easier to remove the socket first and then unplug the connector.
Press in the retaining tabs & pull the socket through the panel.
**Step 11**

Pull the socket through the panel while pressing the tabs.

**Step 12**

Press in the tabs on the back of the connector to un-latch it from the 12V socket.

The panel can now be removed completely.

**Step 13**

This is what you should see once you have removed the cover.
**Step 14**

Remove the 3 nuts (10mm) holding the amplifier in place.

**Step 15**

Release the cable tie.

**Step 16**

Swing the amplifier out of the way.
**Step 17**

Using the socket 10mm socket & extension bar remove the nuts holding the pump assembly to the well floor, there are three in total.

**Tip:**
Use some self adhesive tape inside the socket to retain the nut, this avoids loosing the nut down the wheel well.

**Step 18**
Remove the second nut.

**Step 19**
Remove the third nut.
**Step 20**

Lift the pump assembly from the well floor and rest the pump on the boot floor with the reservoir lowermost and the motor uppermost.

Have some rags ready and remove the 2 Torx screws holding the motor to the pump, these are either T27 or T30.

**Step 21**

Unplug and release the motor wiring connector.

⚠️ Caution: During the following Steps a small amount of hydraulic fluid may be released when removing the motor

**Step 22**

Wriggled the motor off the pump and this is what the pump housing should look like, Use some rags to wedge the pump in the well with the motor end up to prevent loss of fluid while the motor is away, cover with a plastic bag to prevent dust & dirt entering the pump.
Step 23

Looking at the end of the motor this is what you should see, just pull off the nylon wheel and keep in a safe place.

Step 24

Place the motor in a plastic bag and package in a suitable cardboard box with adequate packing.

Send the motor to us using an insured or tracked service together with the appropriate payment, don’t forget to include your address and daytime phone number.