

2004-2005 Passat TDI Battery Replacement

Required tools:

3/8 inch drive 13mm socket, extension, ratchet,
10mm socket or small wrench
Plastic wedge or strong fingers

VW replacement battery: 72Ah battery (this is the size that fits!), part number 000 915 105 AF

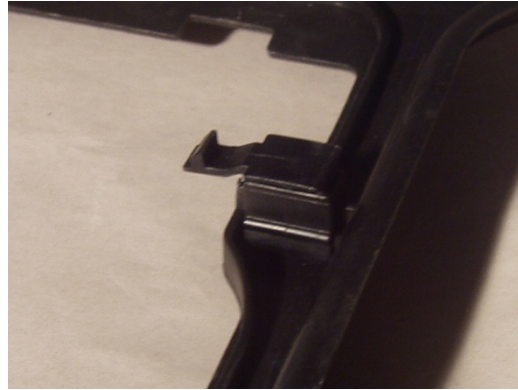
Remove the battery cover. Slide the cover pictured in the direction of the arrows on its handles then lift up.



This exposes the battery compartment.



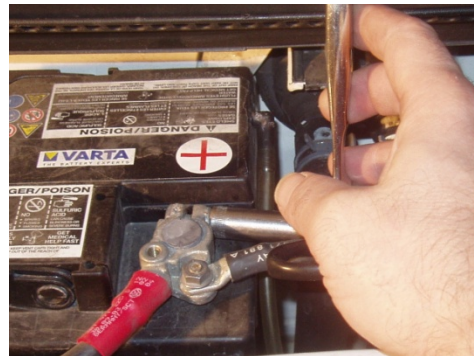
On the right side of the compartment (as pictured above), there may be a battery saver plugged connector clipped to the plenum cover. Gently lift the tab on the clip, then slide the plugged connector towards the battery to release it from the cover.



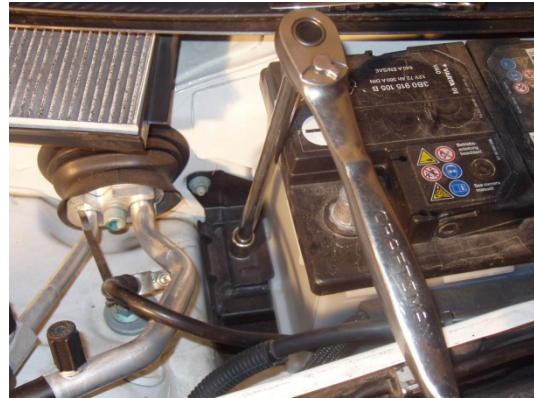
Pull the gasket along the plenum cover loose, and then lift off the plenum cover.



Use a 10mm socket or small wrench to remove loosen the cable clamps and remove the cables from the battery posts. Position them out of the way. Also, pull the battery vent (seen near the positive post) from the battery. Do not pull the vent tube out of the car.



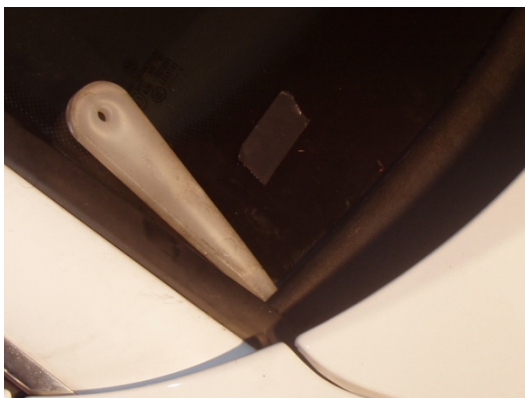
Locate the battery clamp at the base of the battery. Using a 13mm socket, extension and ratchet, remove the bolt and clamp.



Pry loose the wiper cap, remove the exposed 13mm nut (use the socket and wrench used for the clamp removal), apply a small amount of penetrating oil, let soak a few minutes. While waiting for the soaking, mark the position of the wiper with a small bit of tape. Work the wiper arm straight up and off the tapered drive.



Starting at the edge of the cowl, pry it loose and work across the windshield to near the wiper on the far side. There is a clip in the center that needs to be pulled off. This will allow the cowl to move out of the way enough to remove the battery. If you prefer, repeat the procedure for the wiper removal to remove the other wiper, and completely remove the cowl.



Slide the battery towards the clamp side, and then lift up and out.

Installation is the reverse of removal. Be aware of the vacuum tube for the power brakes and cabling as you install the battery. A helper could hold those up and against the compartment wall to keep them out of the way. Tighten the battery clamp to 25 Nm. Tighten the battery cable nuts snug so that the battery clamps do not move. Do not over tighten them. The cowl should be pressed back into place using fingers or palm pressure. Do not pound it back into place or you might break the windshield. Hand tighten the wiper nut, but don't overdo it either. You may need to move an installed vent plug to the opposite side of the battery.

It is also suggested that you take the time to clean out the plenum area while the battery is out. Clean the battery cables too.



If the brand of battery you install has posts that don't allow the clamps to tighten and stay snug, you can use a battery post shim product such as that pictured here. As of this writing, this product was available at Advance Auto Parts (local stores and internet), and other fine auto parts stores in North America.

