

Written tutorial on how to swap your DSG shift paddles in your steering wheel

Tools needed:

large 90 degree pick

small 90 degree pick

3/8" ratchet

12mm triple square socket

small needle nose pliers

plastic pry tool

T20 torx

mirror

scan tool (only if an airbag light stays on, which will happen if the ignition is turned on when the airbag is disconnected)

Please read warnings and disclaimers on last page prior to following this tutorial.

Step 1: Remove airbag

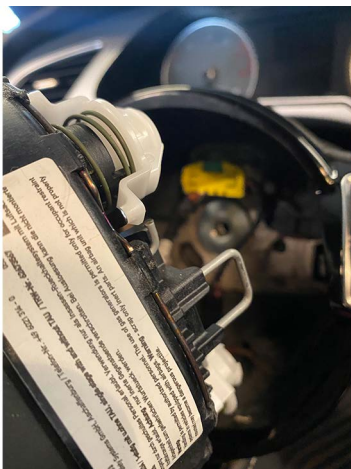
Turn steering wheel approximately 100 degrees in either direction until you can see this spring clip (circled) from the back, then using your large pick push the spring downwards in the direction of the red arrow, until that side of the airbag releases.



Repeat this step on the opposite side of the steering wheel after the airbag releases.

Horn may sound if you leave the ignition turned on while trying to remove the airbag.

Would recommend turning ignition off before disconnecting airbag as that will set an airbag light.



Pictured right is the wiring for the airbag/horn and all the controls/paddles of the MFSW.

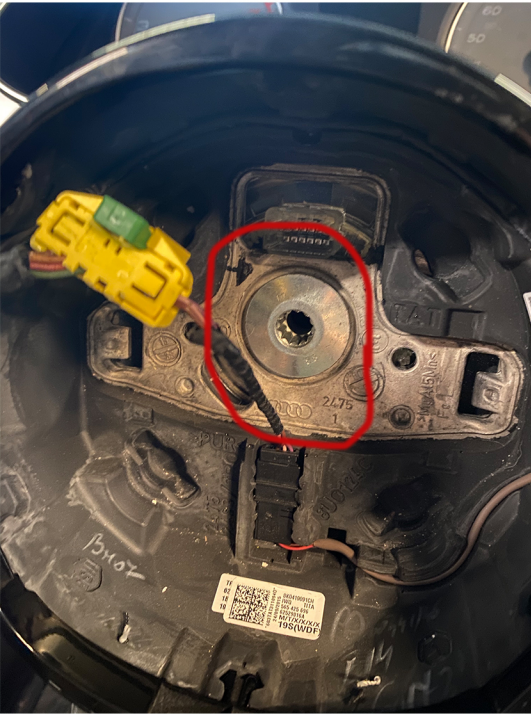
****Turn off ignition before disconnecting this clip****

Pull green portion towards you, push down and yellow connector releases.



Pictured above is the airbag clip that needs to be released.

Step 2: Remove Steering Wheel



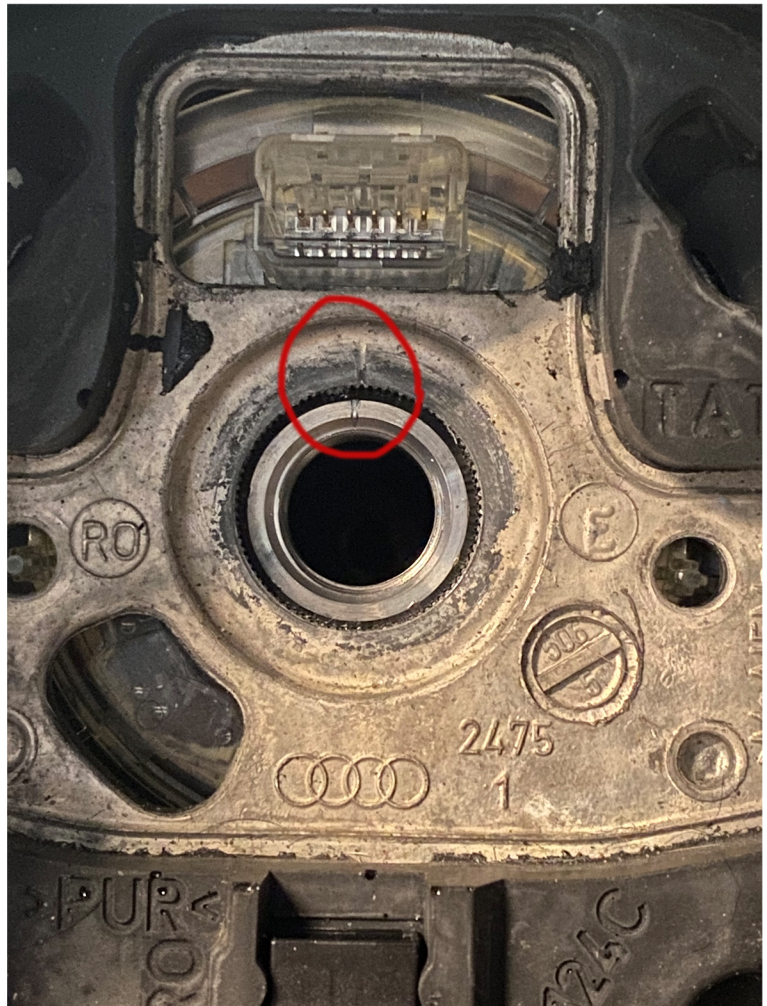
Using the 12mm triple square, remove the center bolt from the steering wheel.

Would recommend letting the steering wheel lock as this bolt is tight.

Important

Take a photo of these two marks, upper being on the steering wheel and lower being on the steering shaft.

The wheel should go back on in the same position to keep your steering centered.

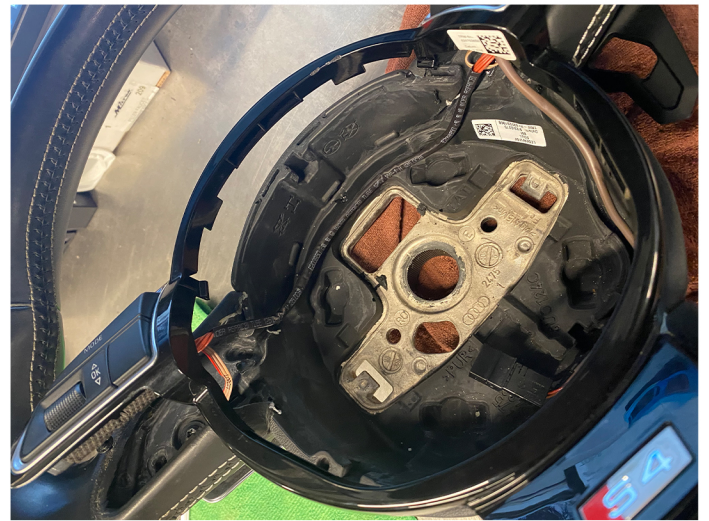


Step 3: Remove Steering wheel control buttons and trim



Using the plastic pry tool, insert and pry between the steering wheel leather and the plastic trim that surrounds the airbag and steering wheel controls.

The plastic trim separates from the rest of the steering wheel allowing access to the wiring and the screws that hold the shift paddles



Once the trim is separated, there is wiring from each shift paddle to the steering wheel controls, disconnect these wires from the back of the steering wheel controls.

Each shift paddle has one T20 torx screw holding it in place, once the screw is removed, pull the shift paddle out of the back of the steering wheel.



Step 4: Separate oem shift paddle from electronic



Once each paddle is out, there is a small pin holding the electronic piece to the actual paddle itself.

Using the small pick, push the pin outwards towards the opening where you can see the top of the pin (direction of arrow)



Pictured right, the holding pin is being pushed out of the top



Once the pin is pushed out enough it can be grabbed with the small needle nose pliers and be pulled out of the paddle assembly fully.



****Important note****



Make sure the small white piece of plastic does not fall out of the electronic section of the paddle, as it is what helps the shift paddle be tight in its assembly

Step 5: install electronic section into new shift paddle

Insert the electronic section into the new shift paddle, it should fit snug exactly like the OEM paddle.



Insert the pin into the assembly to hold everything together, this should fit exactly like the OEM paddle.



Once the pin is mostly pushed back in, use the small pick to push it in fully from the top as pictured right.



Step 6: install new shift paddles into steering wheel



Once the new paddle is installed onto the electronic section, reinstall the assembly into the steering wheel.

It should sit flush and click just like the OEM shift paddle.

Install the T20 screws that hold in the shift paddles

Once both shift paddles are installed, clip the plastic trim with steering controls back into place.

Make sure to run the wires in the grooves of the steering wheel so that they do not get pinched by the airbag or horn

Once everything is back in place, the steering wheel can be reinstalled back into the vehicle using the marks to position it correctly.

After the steering wheel bolt is torqued down, the airbag can be clipped back in and be reinstalled.

Clip in the lower black plastic clip first, then clip in the yellow connector and push the green part back in.

Once those are clipped in, the airbag can be pushed back into place. It should clip back in and be centered if done properly.



*****Warnings and Disclaimer*****

Working with vehicle safety systems such as airbags can be dangerous

It is recommended to have installations done by trained professionals.

By following this tutorial you are claiming full responsibility for yourself and your vehicle in case of any accidents or any damages done

By following this tutorial you are in agreement we are not responsible for any damages or accidents