Audi B8.5 Carbon Fiber Steering Wheel Installation Instructions - Click HERE to Shop

Skill Level
1 - Easy

Basic Skills Required











Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

INSTALLATION NOTES

- **RH** refers to the ***passenger side*** of the vehicle.
- **LH** refers to the ***driver side*** of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

GENERAL PREPARATION AND SAFETY INFORMATION

ECS Tuning cares about your health and safety, please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- Whether lifting a vehicle using an automotive lift or a hydraulic jack, be sure and utilize the factory specified lift points.
- Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- **ALWAYS** read and follow all safety information and warnings for the equipment you are using.



NEVER get underneath a vehicle that is supported only by a jack, and ALWAYS make sure that the vehicle is securely supported on jack stands.

REMOVING THE STOCK STEERING WHEEL

Step 1:

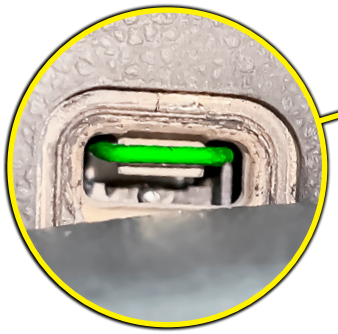
Turn on the ignition (do not start the engine), then disconnect the negative battery terminal. Adjust the steering wheel until it is angled as far down and rearward as possible (as shown).



CAUTION: Failure to properly disconnect the battery could result in the airbag being set off, causing damage to the vehicle and personal injury.

Step 2: Pick -OR- Flat Head Screwdriver

Turn the wheel sideways as shown, then locate the access hole in the back of the wheel and pry the release tab (highlighted in **GREEN** in inset photo below) downward while pulling the airbag (highlighted in **RED**) away from the wheel.





REMOVING THE STOCK STEERING WHEEL

Step 3: Pick -OR- Flat Head Screwdriver

Rotate the wheel 180 degrees as shown and repeat the process to release the other side of the air bag (highlighted in **RED**).



Step 4: Angled Pick

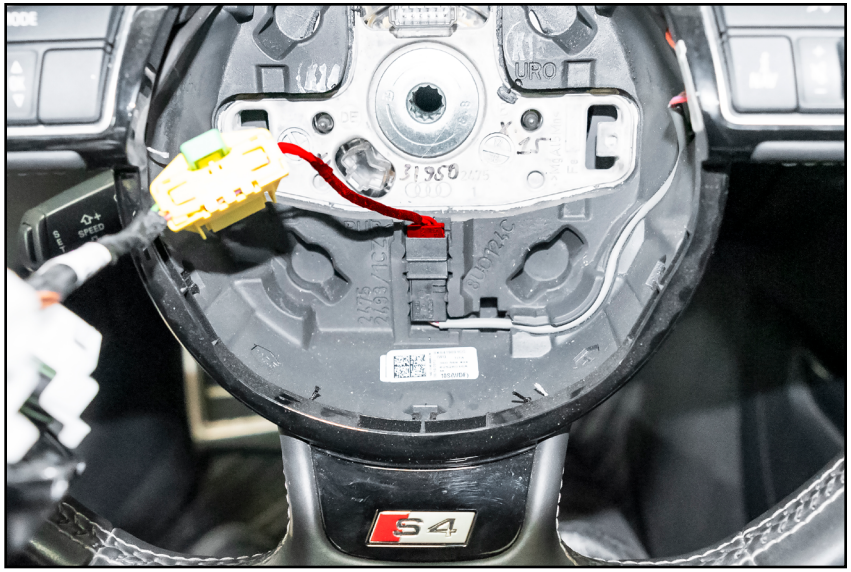
Pull up on the release tab and disconnect the air bag connector (highlighted in **RED**).



REMOVING THE STOCK STEERING WHEEL

Step 5: Angled Pick

Disconnect the lower connector (highlighted in **RED**).



Step 6: M12 Triple Square Socket and Ratchet

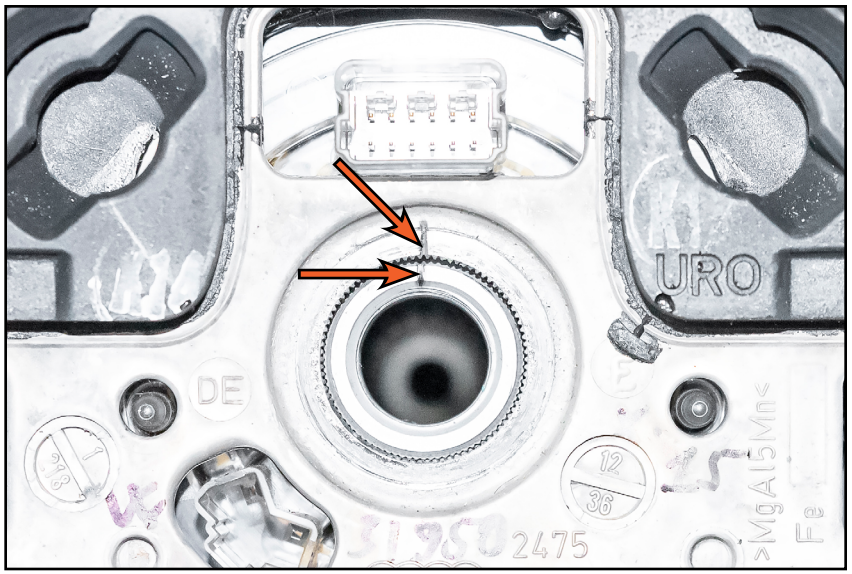
Remove the bolt (arrow) which secures the steering wheel to the steering column.



REMOVING THE STOCK STEERING WHEEL

Step 7:

Before removing the steering wheel, take note of the alignment marks on the wheel and the steering column (arrows). These marks are extremely important to ensure proper alignment during reassembly.



Step 8: Non-Marring Trim Removal Tool

Carefully pry up around the perimeter of the steering wheel trim (highlighted in **RED**) to gradually lift it up until it is free.



INSTALLING THE NEW STEERING WHEEL

Step 1: T20 Torx, Non-Marring Trim Removal Tool

If your vehicle is equipped with paddle shifters:
Remove the two screws (**RED** circles) then disconnect the connectors and pull the paddles free from the back of the wheel. Transfer the paddles over to the new wheel and reconnect the connectors.



Step 2: Non-Marring Trim Removal Tool

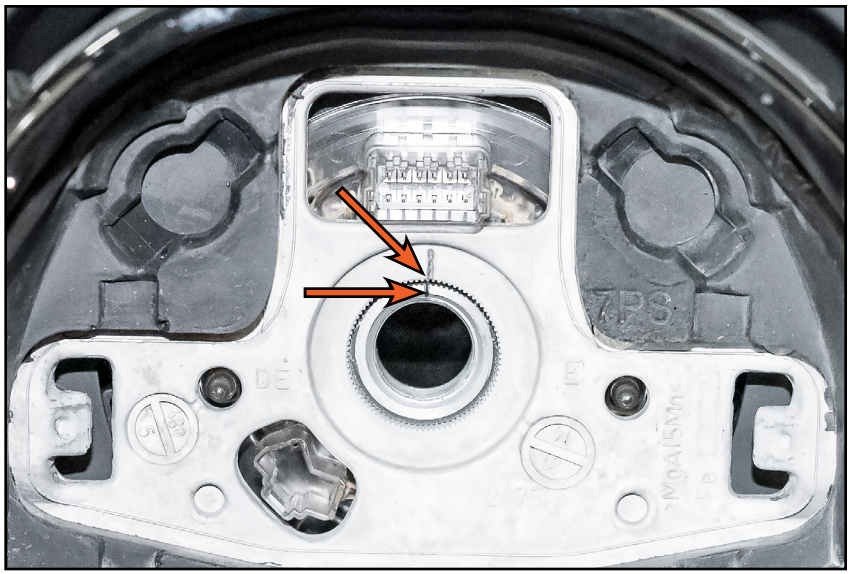
Reinstall the steering wheel trim (highlighted in **GREEN**) by lining up the mounting posts on the trim with the holes in the new wheel and pushing down until the trim is fully flush as shown.



INSTALLING THE NEW STEERING WHEEL

Step 3:

Slide the wheel onto the steering column, ensuring that the alignment marks (arrows) align exactly as before.



Step 4: M12 Triple Square Socket & Torque Wrench

Replace the bolt and torque it to 30 Nm (22 Ft-lbs) + 90 degrees.



INSTALLING THE NEW STEERING WHEEL

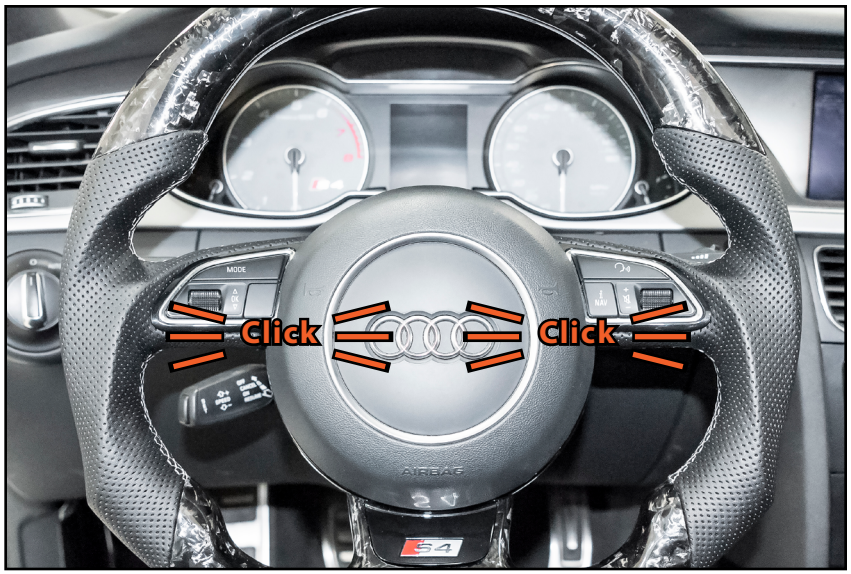
Step 5:

Reconnect the air bag and lower connectors.



Step 6:

Carefully line up the air bag and push inward until both sides pop into place. Reconnect the battery.



Congratulations, your installation is complete!

CARBON FIBER CLEANING AND CARE

ECS Tuning carbon fiber components are clear coated for excellent finish durability and UV resistance right out of the box.

Carbon fiber can be washed with any gentle cleanser or soap. If it is safe for the paint on your car, it will be safe for the carbon fiber.

Be extra careful not to nick or deeply scratch the clear coat on the carbon fiber. This can lead to water intrusion into the carbon fiber which will damage the finish and the integrity of the intake.

If the clear coat does get nicked or deeply scratched to expose the carbon fiber, seal the damaged area thoroughly with a clear coat touch up or clear nail polish.

To retain UV resistance and protect the finish, we recommend regular waxing with a high quality caranuba wax.

Small surface scratches and light oxidation can be buffed out using the same methods and cautions you would use on the vehicle paint.



Your Carbon Fiber Steering Wheel installation is complete!

REV:	Description:	Drafted By:	Checked By:	Date:
1	Initial Draft	CEN	DPO	01/24/2023



These instructions are provided as a courtesy by ECS Tuning

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