

ZGB7E0061101 - Installation of New Sport Steering Wheel.

Advisory Notes -: Below in this guide are extracts from ELSA Volkswagen electronic working instructions to assist in changing the Steering Wheel to the new Sport Carbon Leather version.

NOTE: - Please ensure you refer to ELSA during the installation and where required change mounting bolts and adhere to Tightening torque settings for such bolts

All multifunction controls are to be swapped over to new steering wheel directly

Removing and Installing Air Bag unit with igniter

Special tools and workshop equipment required to remove the steering wheel.

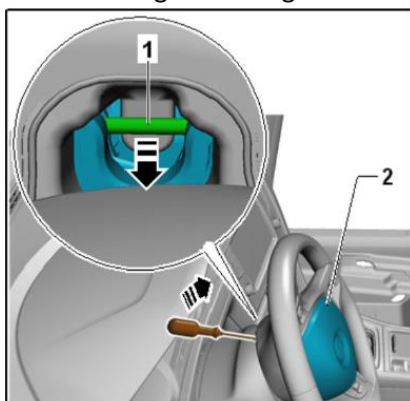
- Commercially available Torque T25 of approx. 100mm length

CAUTION	
Pyrotechnic components can trigger unintentionally.	
Risk of injury.	
– Discharge any static electricity in body by briefly touching door striker plate.	

- Move Steering Wheel to rearmost and lowest position.
- Use the full adjustment range of the Steering Column adjustment for this purpose
- Remove Upper Steering column trim
- Turn Steering Wheel so that the opening on backside of Steering Wheel is exactly in top position.

NOTICE

Risk of damage to airbag unit when applying pressure / force



- Never remove airbag unit by pulling forcibly.
- Release –arrows- locking bracket -1- for the driver side air bag -2-, using a Torque screwdriver T25 of approx. 100mm length.
- Turn Steering Wheel through 180 degrees and repeat on the opposite side of the Steering Wheel.
- Return Steering Wheel to mid position (wheels pointing straight ahead)
- Disconnect battery earth cable with ignition switched on.

- **Electrical system: Rep. gr.27. Battery: connecting and disconnecting battery.**

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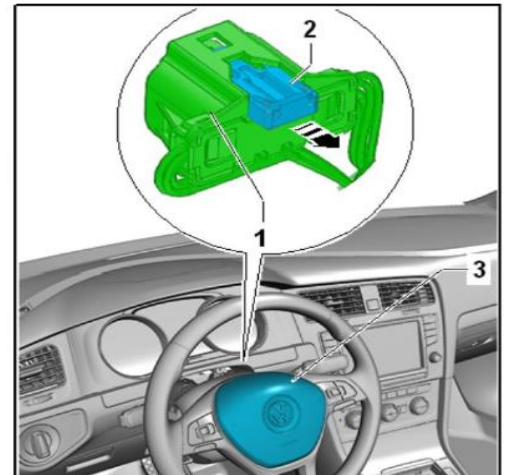
- Carefully pull driver side air bag -3- slightly out of steering wheel
- Pull connector lock -2- arrow – and press it down, then pull off the connector -1-

- For vehicles with multi-function steering wheel, release and pull off electrical connector for multi-function buttons on left of steering wheel
- E440-/ Multifunction steering wheel control unit –J453-

WARNING
Danger of airbag being triggered Risk of injury. - Place airbag down with impact padding facing upwards.

Installing

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Assembly overview – Steering Wheel

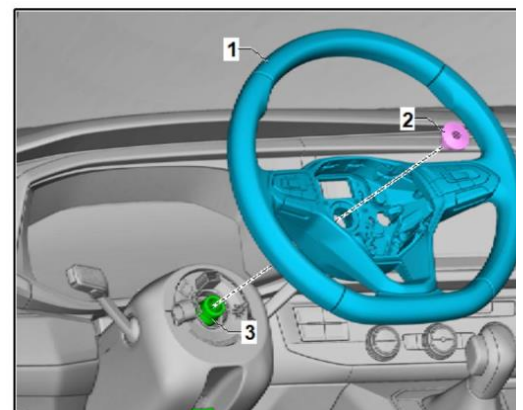
- The steering wheel must be removed and installed in the middle position (wheels straight ahead)
- Check that the steering column has a centre punch mark that aligns with mark on steering wheel
- If this is not the case, the position of the steering wheel to steering column must be marked on the steering column with a centre punch mark

1 – Steering wheel

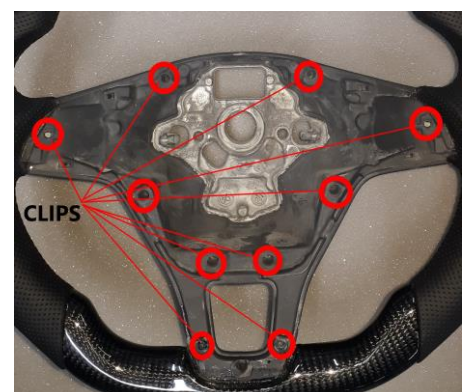
- Different version for allocations refers to

→ Electronic Parts Catalogue (ETKA)

- Remove and installing **Chapter**
- 2 – Bolts**
- Renew after removal**
- 30 Nm +90 degree**



Multifunction controls are attached to steering wheel with clips as indicated in the picture to the right.



Install in reverse order of removal observing the following

- *Ensure that the electrical connectors are pushed fully onto the stop and engage audibly*
- *Make sure no wires are trapped*
- *Ensure wiring retainer is correctly seated*
- *Connect Connector*
- *Press connector into recess in steering wheel to secure it*
- *Position driver side **air bag -1-** in steering wheel and hold the air bag on the edge with both hands, push it in until it audibly seats*

