

Steering gear JRP212 - Golf III

If, following the replacement of the steering gear and after setting the front and rear axles on a Golf III, the steering wheel is turned more than 45° when the wheels are in the straight-ahead position, this can only be corrected using the following working instructions..



Caution: Do not attempt to correct the straight-ahead position using the tie rods. This can cause the steering system to fail!

Note: All the work described must only be performed by trained specialist staff and in accordance with the directives and safety regulations of the vehicle manufacturer. Work on the airbag must only be carried out by personnel who also have a permit in accordance with explosives law (airbag certificate). The vehicle manufacturer's repair instructions and the test devices should be available whilst the measures are being implemented. TRW assumes no liability in case of incorrect handling or incorrect installation!

Procedure:

1. Move the wheels into the straight-ahead position regardless of the position of the steering wheel.
2. Measure and set the tracking of the front and rear axles in accordance with the vehicle manufacturer's guidelines.
3. Disconnect the vehicle battery.
Make sure that any required information, e.g. radio code, is available.
4. Move the steering wheel into the straight-ahead position and completely unfasten the two air bag screws as shown in fig.1.
5. Carefully lift the airbag module, disconnect the plug connector and remove the airbag module (fig.2).
Caution: Set the airbag down outside of the vehicle with the plug connector side facing downwards.

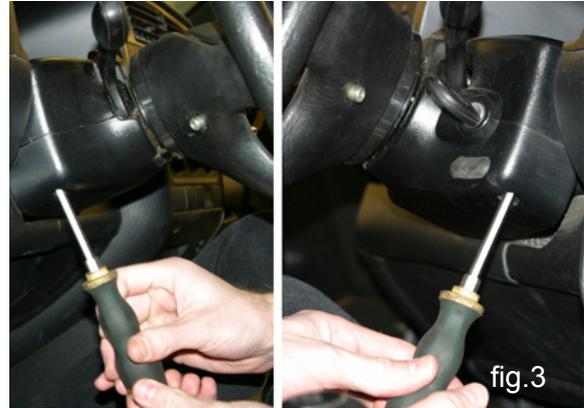


fig.1



fig.2

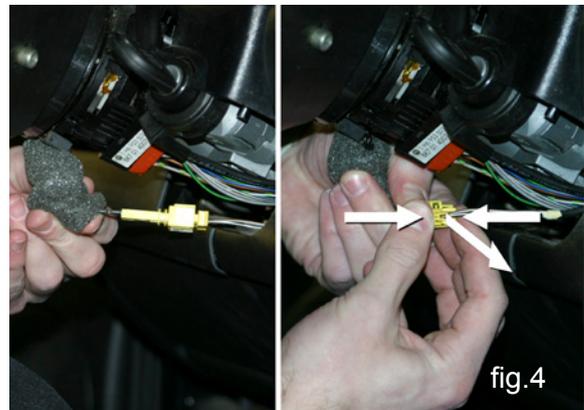
6. Remove both screws from the lower steering wheel panelling (fig.3) and remove the panelling downwards.
7. Localise the plug connection for the airbag contact roller. Push together the plug connector on the vehicle side and disconnect it (fig.4).



8. Unfasten and remove the fastening nut on the steering wheel and carefully pull off the steering wheel including the contact roller (fig. 5).

Caution: The steering wheel must only be removed when in the straight-ahead position.

9. Move the wheels into the straight-ahead position
Turn the front axle by the wheels back into the straight-ahead position. Make sure the tracking and camber values for both axles are correct as set in point 2.

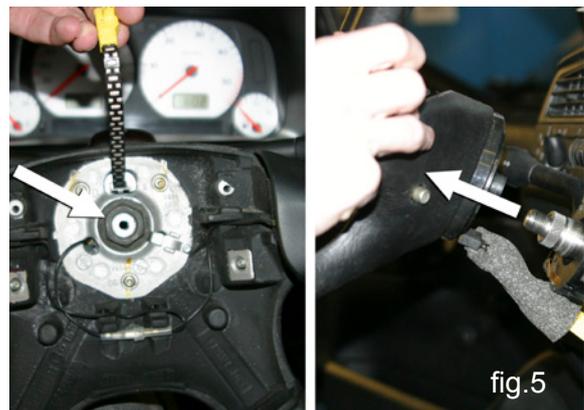


10. Attach the steering wheel and tighten the fastening nut to the torque as stipulated by the vehicle manufacturer.

Caution: The steering wheel must only be installed when in the straight-ahead position.

Complete the vehicle again:

- Connect the plug connector for the contact roller
 - Install the lower steering wheel panelling
 - Connect the airbag module and screw it to the steering wheel with the torque stipulated by the vehicle manufacturer.
 - Connect the battery
11. Perform a test drive.
If the work described has been carried out correctly, the steering wheel will be in the correct position when driving straight ahead.



After completion of the work the fault codes has to be read out and the existing fault codes have to be deleted.

