Bulletin

G A R I A

Type:

- [x] Policy Bulletin
- [ ] Service Bulletin
- [ ] Recall Bulletin
- [ ] Work Instruction

Affected models:

- [ ] Golf Car
- [x] All
- [ ] LSV
- [ ] Monaco
- [ ] 2+2 only

Affected VIN:
All

Bulletin number:

P

PB00006

Subject: Wiper motor

Garia A/S has discovered a defect with the wiper motor that stops working or makes a noise when used. This is caused when cleaning the dashboard, on the left side there is a possible for water to run down on the wiper motor and due to low IP rating on the wiper motor the water will get into the motor housing and begin to corrode the coil resulting in a short-circuit.

Correction:

If the wiper motor is defective, then change it.
The new "Wiper motor pre-assembly" has a sealed cover to avoid water damage.

Part information:

Parts required to complete this service action are to be obtained from Garia. Please provide the VIN number when ordering the spare parts.

Date:
December 3, 2012

Project Manager

Warranty Manager

Function numbers to be used:

Function number	Description	QTY / Vehicle
1703	Installing a wiper motor cover	0,60 hours

Spare parts required:

Part number	Description	QTY / Vehicle
G21S7400100	Wiper motor pre-assembly	1

Tools needed:

13 mm socket wrench
22 mm socket wrench

Instruction for accomplishment:

Part overview

1 - Getting access to the wiper motor

Remove the cup holder on the left side of the vehicle to gain access to the wiper motor.

2 - Getting access to the wiper motor

When removing the cup holder, remember to pull the drain hose up also.

3 - Removing the wiper motor

When the cup holder is removed disconnect the main connector for the wiper motor.
Please note on some vehicles there is a separate ground connection, when changing to the new type of wiper motor the ground connection is removed from the casing and is placed inside the casing instead.

4 - Removing the wiper motor

Tools required
13mm socket wrench

Open the bonnet and locate the 13mm nut in the upper left corner just behind the hinge.
Unscrew the nut and remove the black plastic shim.

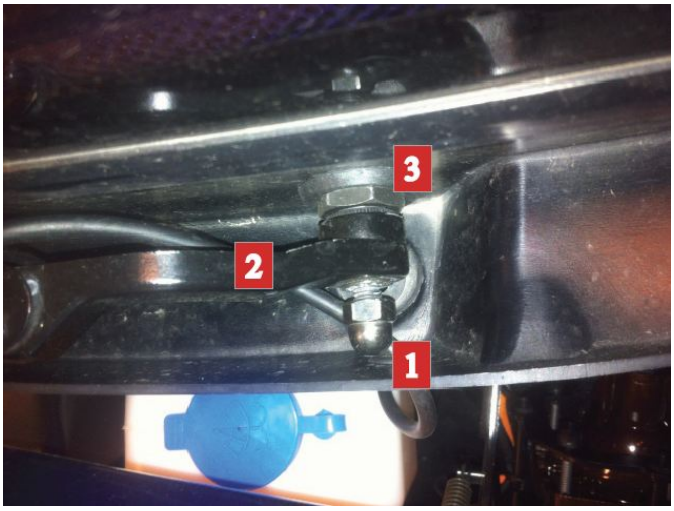
5 - Removing the wiper motor

Slide the washer fluid reservoir and disconnect the hose connecting from the reservoir to the nozzle on the wiper arm.

6 - Installing the air scoop seal

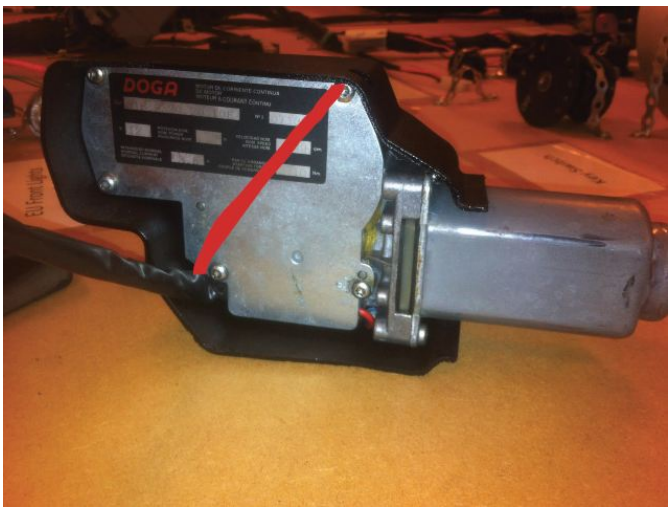
Tools required

13mm socket wrench
22mm socket wrench



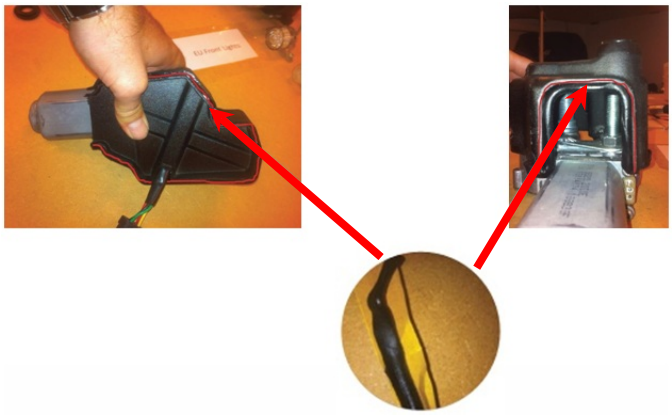
Remove the wiper arm by unscrewing the 13 mm nut 1 and remove the shim, pull off the wiper arm 2 (be careful not to scratch the windshield and bonnet in this process.
Remove the 22 mm nut 3 on the main axle from the wiper motor and remove the shim and plastic cover behind it.
Slide the wiper motor out through the cup holder.

7 - Assembly of wiper motor and cover



Place the wiper motor in the plastic cover as shown on in the picture. Remember to place the harness from the motor as marked on the picture.

8 - Assembly of wiper motor and cover



Apply the seal as marked on the picture in red.

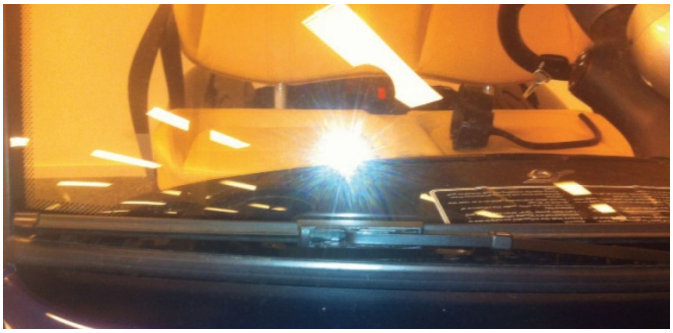
9 - Assembly of wiper motor and cover

Place the lid part to close the cover and apply the seal round the edges. This seals the two pieces together so water penetration is minimal. Flatten the seal so the edges of the two plastic pieces are not visible. Apply the two original seals on the motor's main shaft and fixed M8 bolt.

10 - Install the wiper motor and assemble the car

Tools required

13mm socket wrench
22mm socket wrench



Assemble the parts in reverse order and remember to align the wiper arm on the windshield before tightening the 13 mm nut on the wiper arm

11 - In the "Quick guide and service book", under section 05- Notes, write: Service bulletin PB00006 – Wiper motor cover completed - Signature, date and stamp.