

911 992 GT3 RS MR Kit

Change  
Overview:

Version	Date	Change
0	01/30/2025	<ul style="list-style-type: none"> <li>Original publication</li> </ul>
1	04/17/2025	<ul style="list-style-type: none"> <li>Update of graphic for Front and rear axle spring struts adjustment dimensions</li> </ul>
2	05/05/2025	<ul style="list-style-type: none"> <li>Update of Work Procedure</li> </ul>
3	09/19/2025	<ul style="list-style-type: none"> <li>Update of parts Information</li> <li>Update of information for the intermediate plate</li> <li>Information added for preparatory work</li> <li>Update of work procedure for shark fin</li> <li>Update of work procedure and graphics for chassis assembly</li> <li>Update of work procedure and graphics for installing wire harness and resistors (chassis)</li> <li>Update of work procedure and graphics for front diffuser front apron, front spoiler lip, front underbody</li> <li>Update of table for suspension alignment</li> </ul>
4	10/07/2025	<ul style="list-style-type: none"> <li>Correction of translation error in step 21 of Installing wire harness and resistors (chassis)</li> <li>Correction of dimension discrepancy for lower spring plate</li> </ul>

Model Year: **As of 2023**

Vehicle Type: **992 GT3 RS**

Cause: **Retrofitting****NOTICE****Goodyear tire information**

- Due to the high downforce, only tires from the manufacturers Michelin (Pilot Sport Cup 2/R) and Pirelli (P Zero Corsa/Trofeo RS) are approved. This applies to both race track and road operation of the vehicle.

**NOTICE**

- The components have been tested and approved in combination. **TEQ is different: The available individual options can be requested via TEQ.**

**Information**

Please pass all this information on to the customer.

In addition, provide the customer with the Race Circuit brochure included with the scope of parts.

Parts Info:

**Information**

- From 03/2025, the thread on the lift unit on the front axle was changed (from index A to index G). As a result, the following parts (left and right dampers) must be reordered. **Important: The dampers with index D must be ordered at the end. Irrespective of the production date, the dampers installed in the vehicle must be checked to see whether they must be replaced.**

9GT.413.031.D	Left damper
9GT.413.032.D	Right damper

**Kit complete**

992.044.855.20	992 GT3 RS Manthey Kit for vehicles with front axle lift and magnesium rims
992.044.855.21	992 GT3 RS Manthey Kit for vehicles without front axle lift and magnesium rim
992.044.855.22	992 GT3 RS Manthey Kit for vehicles with front axle lift and aluminium rims
992.044.855.23	992 GT3 RS Manthey Kit for vehicles without front axle lift and aluminium rims
992.044.855.13	992 GT3 RS Manthey aerodynamics kit for magnesium alloys
992.044.855.14	992 GT3 RS Manthey aerodynamics kit for aluminium rims

**Kit for individual chassis scope**

992.044.857.20	992 GT3 RS chassis package for vehicles with front axle lift
992.044.857.30	992 GT3 RS chassis package for vehicles without front axle lift

**Parts to be ordered additionally:**

9GT.898.5 33	1 x	Locking rings set
9GT.898.5 33.H	1 x	Fitted bolts with washer set
9GT.898.5 33.G	1 x	Bearing sleeve set
PAF.108.7 49	8x	Hexagon flange bolt
PAF.007.9 57	2x	Hex shoulder nut
N.107.847 .02	2x	Hexagon flange bolt
PAF.003.9 23	12x	Hexagon nut
PAF.009.0 57	2x	Hexagonal installbolt
9A7.007.4 83.00	8x	External hexalobular screw
PAF.100.8 29	3x	Hexagon-head bolt, M6 x 16, for rear diffusor
PAF.910.4 23	5x	Inside hexagon round pan-head screw, M6 x 16, for rear diffusor
PAF.104.5 13	2x	Cheese head bolt with internal multiple-tooth head, M12 x 1.5 x 55
PAF.912.5 72	6x	Hexagon flange bolt M8 x 22
PAF.909. 664	4x	Hexagon collar nut, self-locking
N.102.723 .02	2x	Hexagon collar nut, M10, for connecting rod
9A7.007.7 55.00	2x	Cheese head bolt securing seat belt to seat

000.043.3 05.35	1 x	Adhesive
9A7.008.6 77.00	2x	Screws for rear damper
9A7.007.5 85.00	4x	Cylinder screws M12x1.5x85 Front axle brake calliper

**Suspension alignment: Intermediate plates may be required for adjusting the camber values on the front axle. Order the required intermediate plates accordingly:**

9F1.401.443.H	2 x 2.0 mm intermediate plate
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#### Information

- An external laptop is required to install the kit.
- This is used for commissioning and fault finding for the chassis.
- No vehicle data is read or written; this process is specific to the chassis and is therefore decoupled from the entire vehicle.

Work

Procedure:



#### Preloaded or pressurized components

- **Squashing or bruising**
- ⇒ **Do not reach into the danger area.**
- ⇒ **Relieve tension on components before starting work.**
- ⇒ **Secure components to prevent them from becoming detached suddenly.**

#### NOTICE

#### Incorrect line routing

- **Damage to lines and hoses**
- **Malfunction and fault memory entry on control units**
- ⇒ **Avoid small bending radii when routing lines.**
- ⇒ **File down edges and burrs in the routing area or mask them with adhesive tape.**
- ⇒ **Maintain a sufficient distance from components subjected to high temperatures while driving.**

**Information**

- Some of the repair illustrations show only one side of the vehicle or a similar component.
- Naturally, some steps also have to be performed on the opposite side of the vehicle as well.

**Information**

- All required small parts/screws are included in the correct number of the respective work steps and are packed for the parts to be installed.

**Information**

- For the individual scope, refer to the section on "Installing wire harness for chassis and shock absorbers".
- Refer to "Vehicle measurement" chapter for measuring.
- Charge the respective working hours listed below for the individual scope of the chassis.
- Aerodynamic package does **NOT** require the chassis to be installed.
- Charge the respective working hours listed below for the individual scope of the aerodynamic package.

**Table of contents:**

1. Preliminary work
2. Chassis disassembly
3. Assembly of brake pads and steel flex lines
4. Installing cable harness for chassis and shock absorber
5. Replacing door entry guards
6. Rear wing conversion
7. Roof fins
8. Shark fin
9. Rear diffuser
10. Front diffuser front apron, front spoiler lip, front underbody
11. Assembly of front apron left and right flicks/flaps
12. Rear carpet cut-out for chassis control unit
13. Subsequent work/Complete the vehicle
14. Rear axle Aerodisc
15. Installing door entry adhesive label
16. Coding and chassis commissioning

17. Suspension alignment
18. Download/installation of diagnostic software for chassis

## 1 Preparatory work/bonding carbon rear window plate



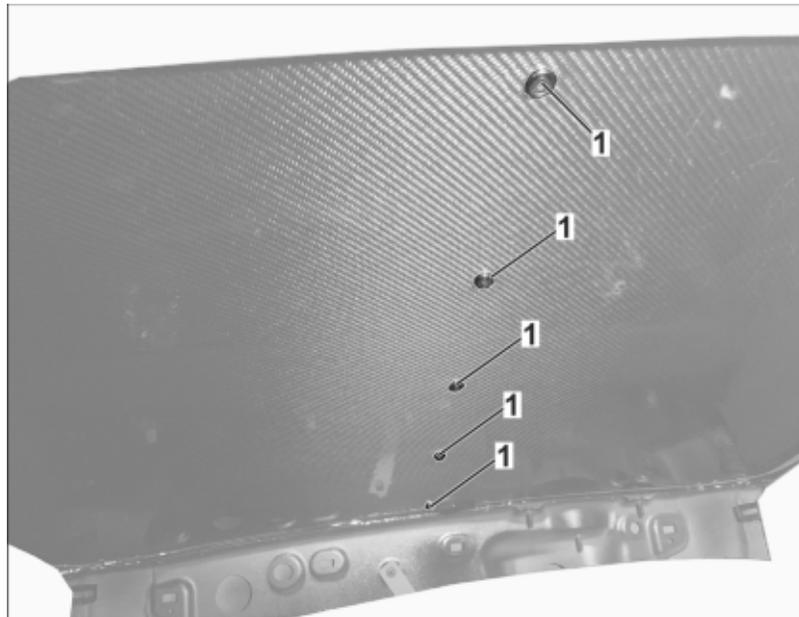
### Information

- Read the instructions carefully and use Zoom function in PCSS. This significantly improves the visual representation.
- 1.1 Disconnect the battery.
  - 1.2 Remove and install wheels with central bolt. ⇒ *Workshop Manual 'Remove and install wheel with central bolt'*.
  - 1.3 Remove front apron ⇒ *Workshop Manual 'Remove and install front apron'*.
  - 1.4 Remove front central air guide.
  - 1.5 Remove seats ⇒ *Workshop Manual 'Remove and install front seat (sports bucket seat)'*.
  - 1.6 Remove roll-over bar. ⇒ *Workshop Manual 'Remove and install roll-over bar'*.
  - 1.7 Remove rear side trim panel. ⇒ *Workshop Manual 'Remove and install rear side trim panel'*.
  - 1.8 Remove rear cover ⇒ *Workshop Manual 'Remove and install rear cover'*.
  - 1.9 Remove rear window ⇒ *Workshop Manual 'Remove and install rear window'*.
  - 1.10 Place carbon rear window plate on a mounting bracket and pre-install shark fin.



Shark fin seal (image should ONLY show the position of the seal)

1. – If necessary, the seal must be stretched slightly in length before installation. For easier alignment of the shark fin, it is also recommended to moisten the washer and the seal with window cleaner beforehand. Align/install shark fin seal so that the drainage bore ⇒ *Shark fin seal* (image should *ONLY* show the position of the seal) is located at the bottom of the shark fin.



*Shark fin attachment*

2. – Fit shark fin, ensuring that outer gasket is in the correct position and ⇒ *Shark fin attachment -1-* lightly attach it with screws including wall flange (4x) so that the shark fin can still be moved from outside.
  3. – Proceed with carbon rear window plate as per Porsche specifications like with a "normal" rear window.
- 1.11 Remove door entry guard. ⇒ *Workshop Manual 'Remove and install door entry guard'*.
  - 1.12 Remove rear diffuser ⇒ *Workshop Manual 'Remove and install lower part of rear spoiler (diffuser)'*.
  - 1.13 Remove front spring strut ⇒ *Workshop Manual 'Remove and install front spring strut'*.
  - 1.14 Remove rear spring strut ⇒ *Workshop Manual 'Remove and install rear spring strut'*.

## 2 Chassis assembly



### Information

- Vehicles for which new dampers had to be ordered due to a change to the lift unit thread (from 03/2025), please disassemble the lift unit from the ordered dampers and mount it on the kit dampers as continuously described.

**For this work step, work steps 1.12 and 1.11 MUST be completed. The NON-lift variant is already delivered assembled and installation can be started straightaway. The lift variant must be converted as described in the following work steps.**

#### Torque shock absorbers

Location	Torque
Nut on piston rod	40 Nm (29.50 ftlb.)
Grub screw on spring plate	1 Nm (0.74 ftlb.)
Mounting ring on bellows	15 Nm (11.06 ftlb.)
Lift system lock nut	66 Nm (48.7 ftlb.)
Front brake line screw connection	10 Nm (7.4 ftlb.)
Rear brake line screw connection	10 Nm (7.4 ftlb.)

#### 2.1 Disassemble front spring strut

2.1.1 Disassemble spring strut. ⇒ *Workshop Manual '408537 Disassemble and assemble front spring strut'*

2.1.2 Remove front axle lift

**Only for vehicles with front axle lift system.**

**The tool for the lock nut supplied with the kit must be used! The general height of the lift unit is indicated by dimension X; however, during installation, the unit should be aligned such that the lift connection is aligned with the valve block.**

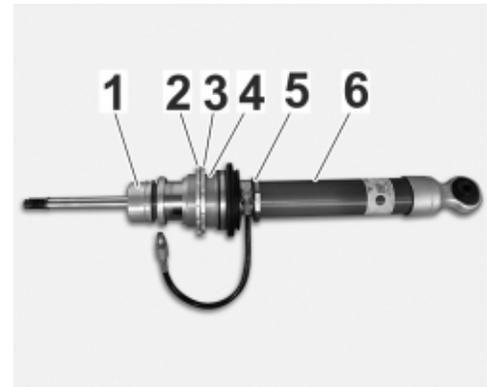
**Important:** It must be ensured that the spring ends of the main spring and helper spring do not lie directly on top of each other. This can lead to excessive voltages in the spring plate, which can lead to cracks or breaks. The springs must be rotated so that the ends do not lie directly on top of each other.

2.1.3 Remove height-adjusting nut ⇒ *Front axle spring strut with lift -2-* and lock nut ⇒ *Front axle spring strut with lift -3-*.

2.1.4 Screw the front axle lift ⇒ *Front axle spring strut with lift -4-* up until the dust boot detaches ⇒ *Front axle spring strut with lift -1-* and remove dust boot ⇒ *Front axle spring strut with lift -1-*.

2.1.5 Remove front axle lift ⇒ *Front axle spring strut with lift -4-* and lock nut ⇒ *Front axle spring strut with lift -5-* from the spring strut ⇒ *Front axle spring strut with lift -6-* (use open-ended spanner 700 17 171 and open-ended spanner 700 17 184).

- 1 – Dust boot
- 2 – Height-adjusting nut
- 3 – Lock nut
- 4 – Front axle lift system
- 5 – Lock nut
- 6 – Spring strut



*Front axle spring strut with lift*

2.2 Assemble new front spring strut **with** front axle lift

2.2.1 Mount lock nut ⇒ *Front axle spring strut with lift overview -16-* and lift system ⇒ *Front axle spring strut with lift overview -12-* on the spring strut. Do **not** tighten to the specified torque yet.

2.2.2 Fit plastic cap ⇒ *Front axle spring strut with lift overview -15-* on the shock absorber housing (use impact sleeve 700 17 169 and a plastic hammer).

2.2.3 For lift variants, attach ventilation discs to piston rods (2 units per side) ⇒ *Piston rod ventilation discs*.



*Piston rod ventilation discs*

2.2.4 New spring support can be ⇒ *Front axle spring strut with lift overview -9-* screwed ⇒ *Front axle spring strut with lift overview -16-* onto the lift unit.

2.2.5 Bellows assembly:

Assembly of bellows mounting ring: Secure lift unit against turning by fully screwing down lower spring plate ⇒ *Front axle spring strut with lift overview -9-* and securing with grub screw. **Tightening torque 1 Nm (0.7 ftlb.)**

Tighten mounting ring for bellows ⇒ *Front axle spring strut with lift overview -4.1-* (use hook spanner 685 11 296), countering at lower spring plate ⇒ *Front axle spring strut with lift overview -9-* (use hook spanner 685 11 295). **Tightening torque 15 Nm (11.1 ftlb.)**

Fit the short end of the bellows ⇒ *Front axle spring strut with lift overview -4-* to the mounting ring ⇒ *Front axle spring strut with lift overview -4.1-*. Push coil spring ⇒ *Front axle spring strut with lift overview -8-*, spacer ring, ⇒ *Front axle spring strut with lift overview -7-* and auxiliary spring ⇒ *Front axle spring strut with lift overview -6-* onto the piston rod. Fit upper spring support ⇒ *Front axle spring strut with lift overview -4.2-* onto bellows ⇒ *Front axle spring strut with lift overview -4-*. Fit rubber stop ⇒ *Front axle spring strut with lift overview -3-*, top bellows ring ⇒ *Front axle spring strut with lift overview -5-* (Bellows is fixed between ⇒ *Front axle spring strut with lift overview -4.2-* and ⇒ *Front axle spring strut with lift overview -5-*) and supporting mount ⇒ *Front axle spring strut with lift overview -2-* on the piston rod and tighten nut ⇒ *Front axle spring strut with lift overview -1-* (use special tool KW 685 10 179).

**Tightening torque 40 Nm (29.5 ftlb.)** + Loctite 243.

Ensure that the rubber stops ⇒ *Front axle spring strut with lift overview -3-* are fitted correctly: Pointed end must point upwards as shown.

The bellows ⇒ *Front axle spring strut with lift overview -4-* is clipped onto the plastic cap when the spring strut is completely fitted.



Overview of spring strut lift variant



Front axle spring strut with lift overview

- 1 – Nut
- 2 – Support bearing - 19A.491.13 (LH)/19A.491.14 (RH)
- 3 – Rubber stop
- 4 – Bellows

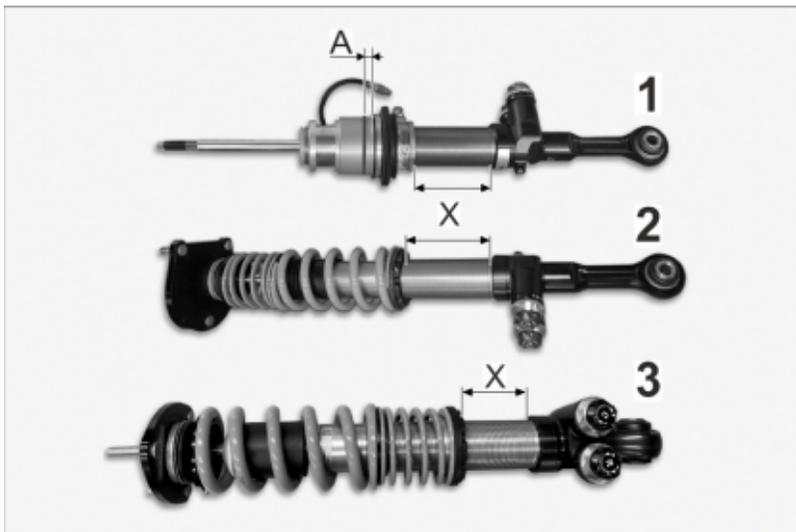
- 4.1 – Mounting ring on bellows
- 4.2 – Upper spring plate
- 5 – Upper ring on bellows
- 6 – Auxiliary spring
- 7 – Intermediate ring
- 8 – Coil spring
- 9 – Lower spring plate (install with a distance of 11 mm from the lift system)
- 10 – Ventilation discs 2x
- 12 – Spring strut
- 15 – Plastic cap
- 16 – Lift unit
- 17 – Nut

Front axle lift	Left	Right
	992.044.857.21	992.044.857.22

<b>DO NOT</b> lift front axle	Left	Right
	992.044.857.31	992.044.857.32

Rear axle	Left	Right
	992.044.857.23	992.044.857.24

2.3 Adjust the relevant dimension X.  
On vehicles with a lift system, ensure that the lift system line is aligned with the center of the damping force adjustment wheel (A).



Front axle spring strut and rear axle adjustment values (illustration of spring strut may differ)

- 1. – Front axle spring strut with lift

- 2. – Front axle spring strut without lift
- 3. – Rear-axle spring strut

Front axle <b>with front axle lift</b>	Dimension A
Lower edge of spring seat to shoulder of lift unit	11 mm

Front axle <b>with front axle lift</b>	Dimension X
Lower edge of lift unit lock nut to shoulder of shock absorber-valve foot	84 mm

Front axle <b>without front axle lift</b>	Dimension X
Lower edge of spring seat to shoulder of damper-valve foot	103 mm

<b>Rear axle</b>	Dimension X
Lower edge of spring seat to shoulder of damper-valve foot	72 mm

- 2.4 Tighten spring plate grub screws.  
**Tightening torque 1 Nm (0.7 ftlb.)**
- 2.5 Only for spring strut **with lift system**: Tighten lift system lock nut (use open-ended spanner 700 17 171 and open-ended spanner 700 17 184).  
**Tightening torque 66 Nm (48.7 ftlb.)**
- 2.6 Replace rear spring strut
  - 2.6.1 Remove rear spring strut. ⇒ *Workshop Manual '427119 Remove and install spring strut, rear'*
  - 2.6.2 Check height dimension X and adjust if necessary.

<b>Rear axle</b>	Dimension X
Lower edge of spring seat to shoulder of damper-valve foot	72 mm

**The adjustment dimensions are used for presetting.**

**Do not yet complete the vehicle interior.**

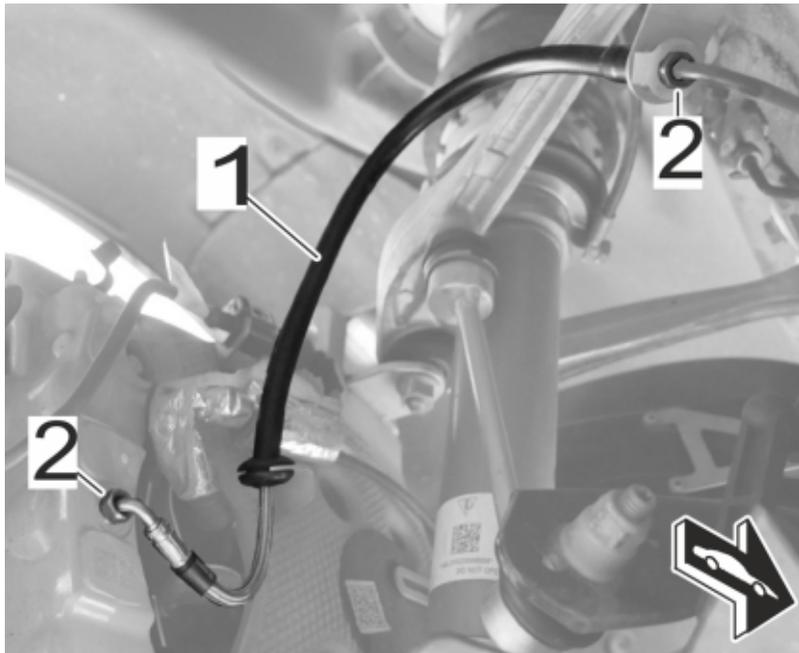
### 3 Assembly of brake pads and steel flex lines



**Personal injury and material damage from brake fluid**

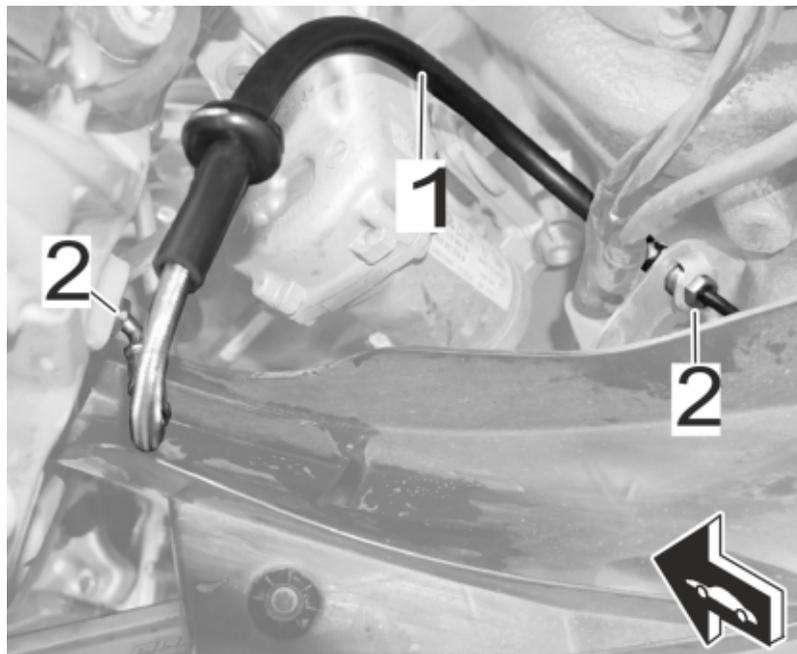
- **Poisonous if swallowed**
- **Irritation and damage to skin**
- **Dissolving paint surfaces**
- ⇒ **Only store brake fluid in suitable, labelled containers**
- ⇒ **Wear protective gloves and goggles**
- ⇒ **In the event of contact (eyes or skin), wash immediately with water**
- ⇒ **If contact is made with paint surfaces, wash off immediately with water, do not wipe off**

- 3.1 Replace front brake pads ⇒ *Workshop Manual '427119 Replace front disc brake pads'*.
- 3.2 Replace rear brake pads ⇒ *Workshop Manual '427119 Replace rear disc brake pads'*.
- 3.3 Replace front brake lines (part)



*Front axle brake line assembly*

1. – Loosen threaded connections ⇒ *Front axle brake line assembly -2-* and remove brake line ⇒ *Front axle brake line assembly -1-*.
  2. – Install new brake line ⇒ *Front axle brake line assembly -1-* without tension and ensure that no abrasion occurs.
  3. – Tighten threaded connections ⇒ *Front axle brake line assembly -2-*. Line routing downwards approx. 45 degrees. **Tightening torque: 10 Nm (7.4 ftlb)**
  4. – Clean adjacent components of any brake fluid that may have leaked out.
- 3.4 Replace rear brake lines (part)



*Rear axle brake line assembly*

5. – Loosen brake line threaded connection ⇒ *Rear axle brake line assembly -2-* and remove brake line ⇒ *Rear axle brake line assembly -1-*.
6. – Route the new brake line ⇒ *Rear axle brake line assembly -1-* in the same way as the standard brake line and tighten the threaded connection ⇒ *Rear axle brake line assembly -2-*
7. – Clean adjacent components of any brake fluid that may have leaked out.

3.5 Bleed the brake system ⇒ *Workshop Manual '427119 Bleed the brake system'*.

#### 4 Installing wire harness and resistors (chassis)



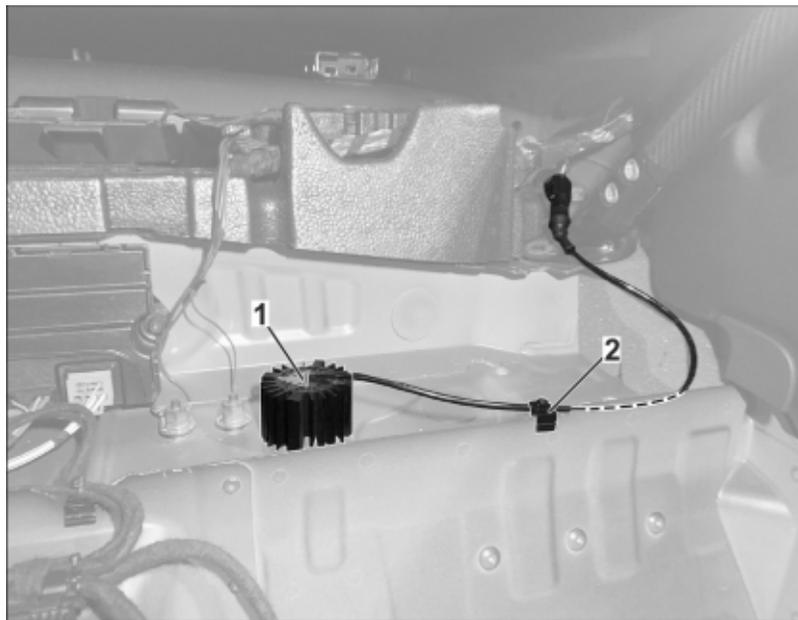
##### Information

- Stickers, general adhesive surfaces and adhesive tape only reach their full adhesive strength after 72 hours.
- The vehicle must not come into contact with water, splash water or a car wash within 72 hours.



*Installing rear right resistor*

1. – Clean adhesive surface on the vehicle and make it grease-free. **Rear right part number: 670.108.10**. Plug is inserted on the included cable set for wire output relay.
2. – Pull off protective film on the adhesive surface from the resistor and ⇒ *Installing rear right resistor -1-* bond resistor as shown in the diagram.
3. – Secure the cable with the cable tie clamp ⇒ *Installing rear right resistor -2-*.



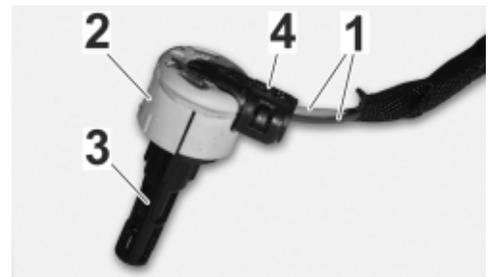
*Installing rear left resistor*

4. – Clean adhesive surface on the vehicle and make it grease-free. **Rear left part number: 670.107.29**
5. – Pull off protective film on the adhesive surface from the resistor and ⇒ *Installing rear left resistor -1-* bond resistor as shown in the diagram.
6. – Connect resistor to the vehicle wire harness (PASM plug) and ⇒ *Installing rear left resistor -2-* secure the cable with the cable tie clamp.

For the front axle, please observe the following work steps; **convert both original plugs from the wire harness:**

Release safety cap ⇒ 10 -2- on locking lugs ⇒ 10 -5-.  
Release fuse ⇒ 10 -4- on connector ⇒ 10 -3-.

- 1 – Electric lines
- 2 – Locking cap
- 3 – Connector
- 4 – Fuse
- 5 – Locking lugs

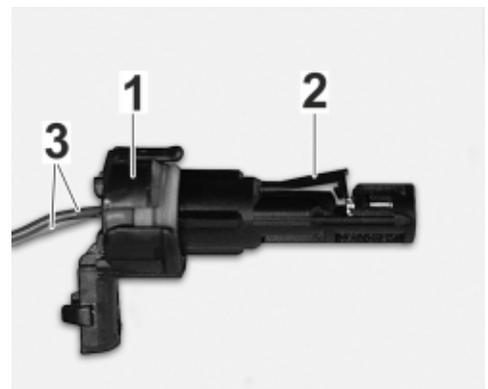


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Release fuse ⇒ 11 -2- on connector ⇒ 11 -1- and unpin electric lines ⇒ 11 -3-.

- 1 – Connector
- 2 – Fuse
- 3 – Electric lines

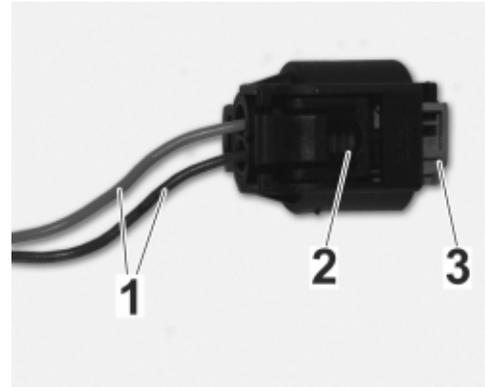
Remove safety cap ⇒ 12 -2- (no longer required).



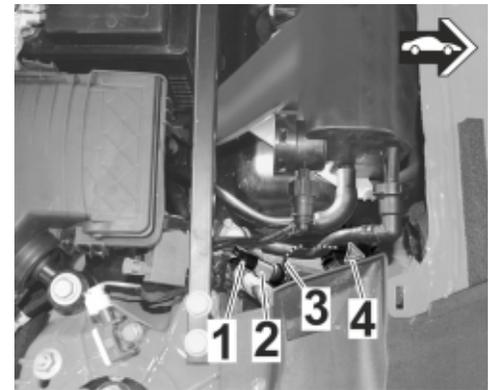
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Plug electric lines  $\Rightarrow$  12 -1- into new connector  $\Rightarrow$  12 -2- and lock fuse  $\Rightarrow$  12 -3-.

- 1 – Electric lines
- 2 – Connector
- 3 – Fuse

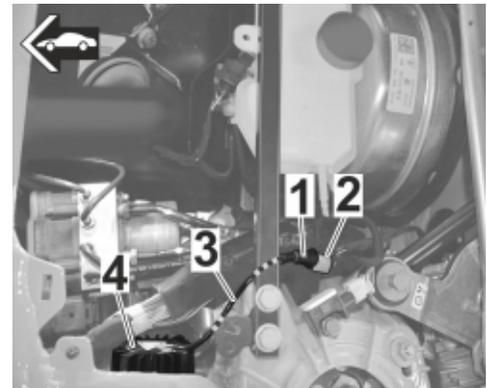


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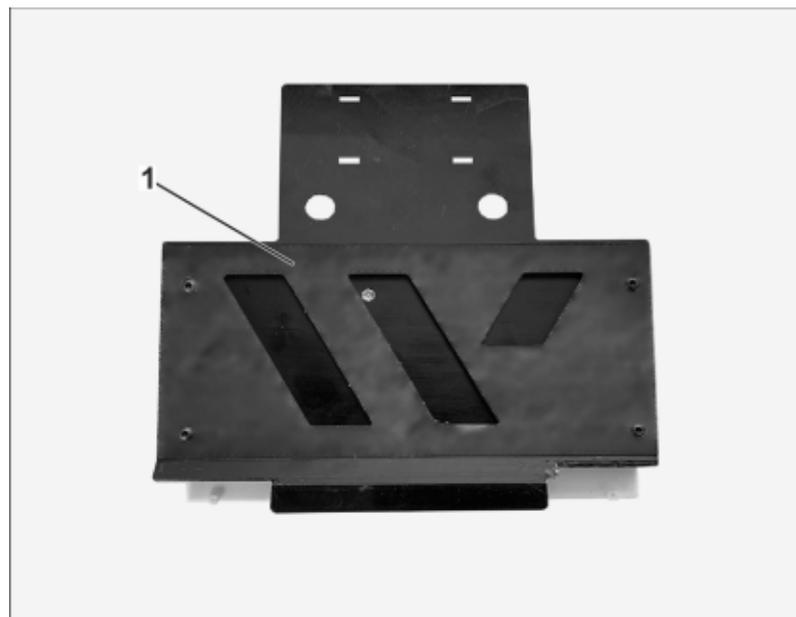
*Front right resistor fitting*

7. – Clean adhesive surface on the vehicle and make it grease-free.  
**Front axle part number:**  
**670.107.85**
8. – Pull off protective film from the resistor on the adhesive surface and bond the resistor as shown in the diagram.
9. – Connect resistor to vehicle wire harness (PASM plug).
- 1: New connector 2: Vehicle connector 3: Electric wire harness 4: Resistance



*Front left resistor fitting*

- 10. – Clean adhesive surface on the vehicle and make it grease-free.  
**Front axle part number: 670.107.85**
- 11. – Pull off protective film from the resistor on the adhesive surface and bond the resistor as shown in the diagram.
- 12. – Connect resistor to vehicle wire harness (PASM plug).
- – 1: New connector 2: Vehicle connector 3: Electric wire harness 4: Resistance



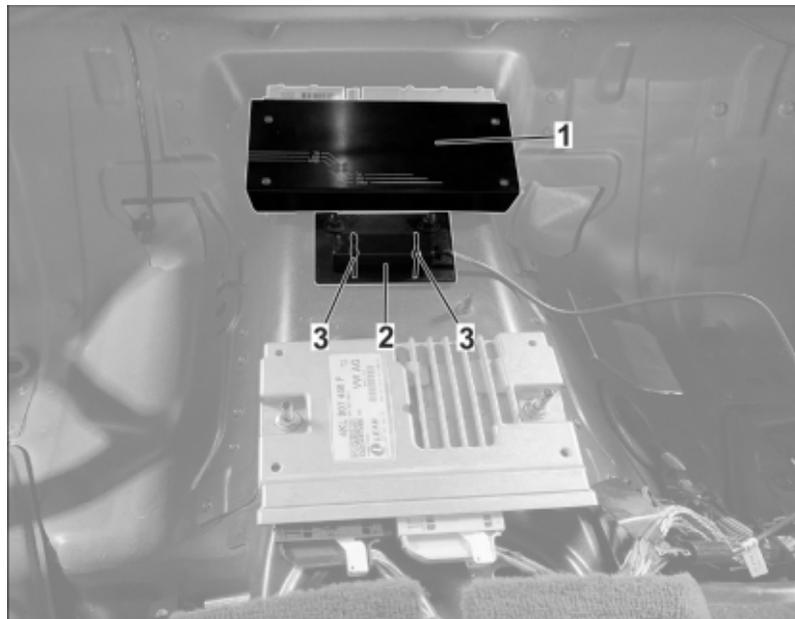
*Fit holder on control unit*

13. – Fit holder ⇒ *Fit holder on control unit -1-* on control unit. Tighten screws (4x). **Tightening torque: 2,6 Nm (1.92 ftlb)**



*Preparing control unit*

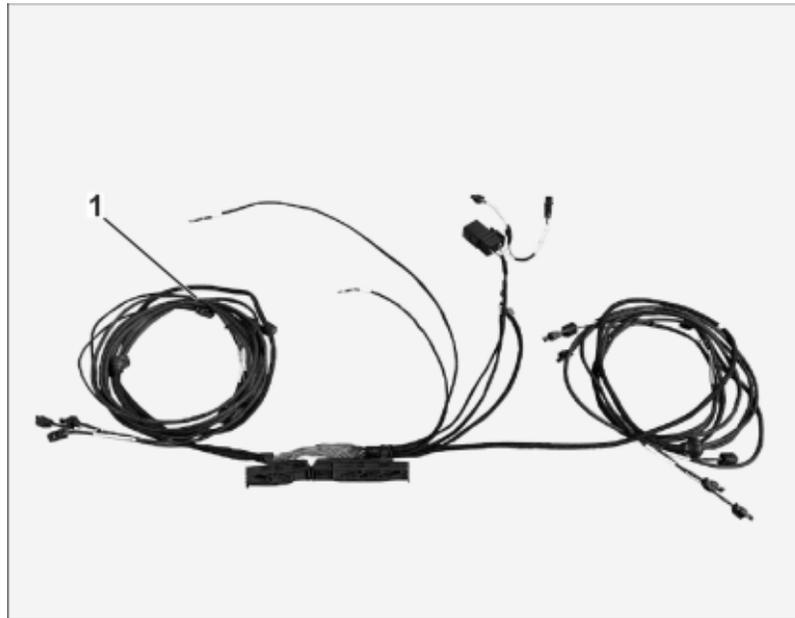
14. – Attach cable ties on the left and right ⇒ *Preparing control unit -1-* to the holder (do not pull).



*Installing control unit and CAN clip*

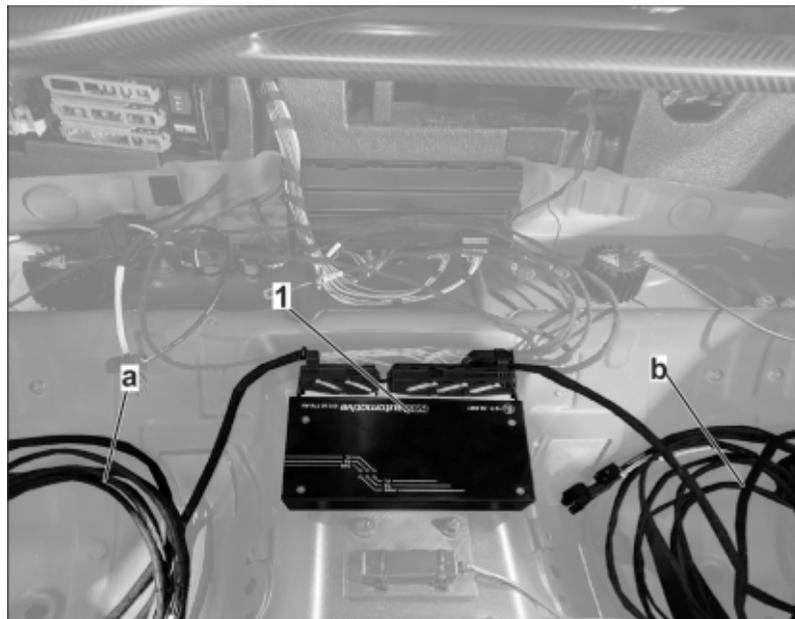
15. – Fit control unit ⇒ *Installing control unit and CAN clip -1-*.

16. – Fit and align CAN Clip module ⇒ *Installing control unit and CAN clip -2-* and tighten both cable ties ⇒ *Installing control unit and CAN clip -3-*. Cut off surplus cable ties.



*Preparation of wire harness*

17. – Prepare wire harness on the workbench as shown.  
18. – Fit relay ⇒ *Preparation of wire harness -1-*.

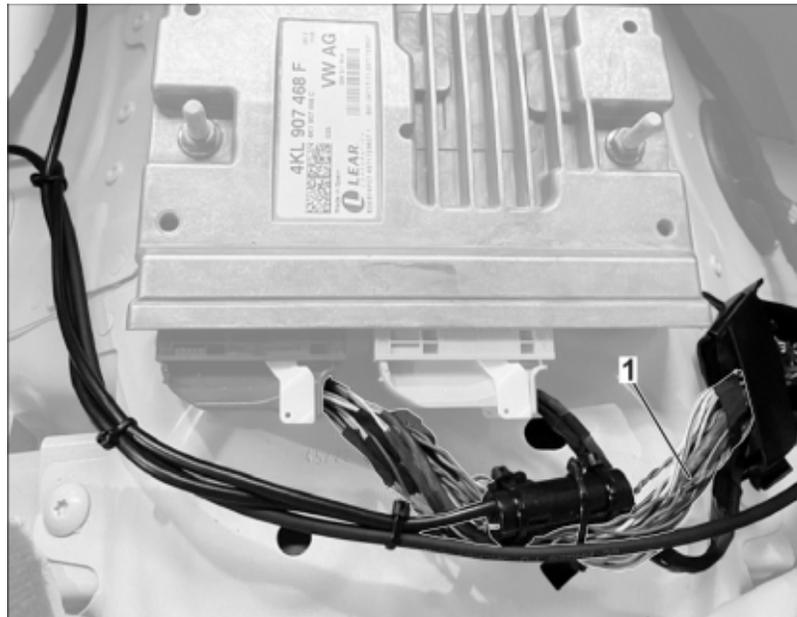


*Lay out wire harness in the vehicle and connect*

19. – Place wire harness in the vehicle as shown and connect plug connection ⇒ *Lay out wire harness in the vehicle and connect -1-* on the control unit.
20. – Place the wire harness running outside the vehicle into the vehicle recess on the left and right ⇒ *Lay out wire harness in the vehicle and connect -a and b-*

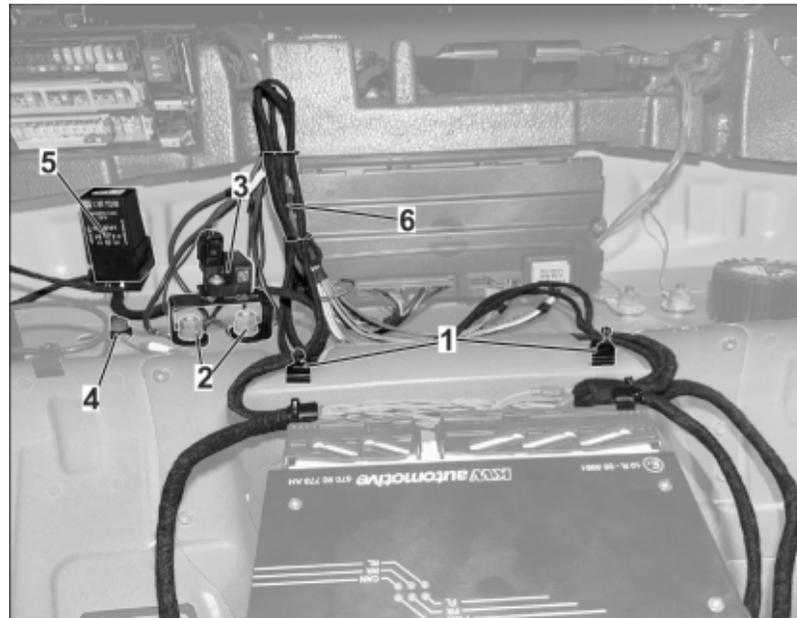


*Cable color/Can Clip installation*



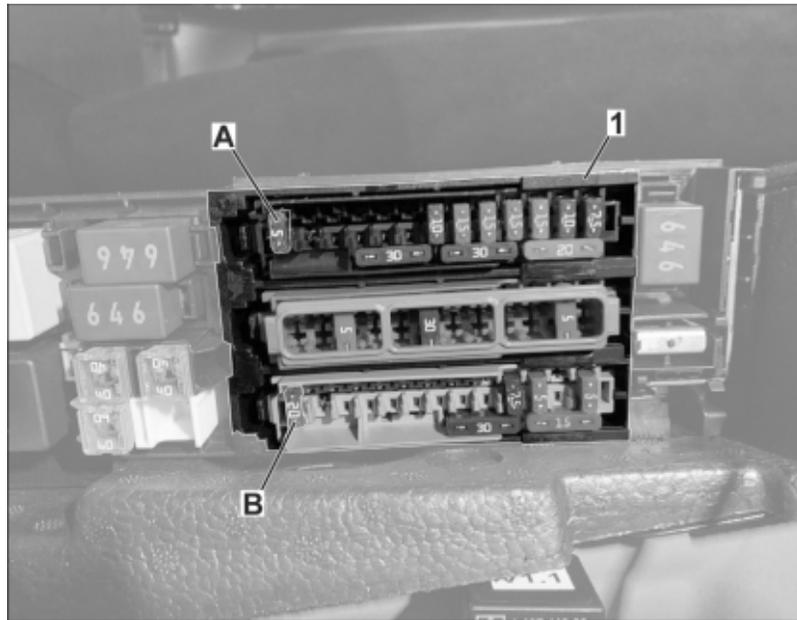
*Can Clip assembly*

21. – Uncover wire harness at the place shown ⇒ *Can Clip assembly -1-*. Unwind twisted cable color **Blue (Can High)** and **Brown (Can Low)** up approximately 5 cm.
22. – Insert CAN line into the respective guide of the CAN Clip module (**see CAN High and CAN Low lettering**) ⇒ **Cable color/Can Clip installation**. Connect CAN Clip line to wire harness.



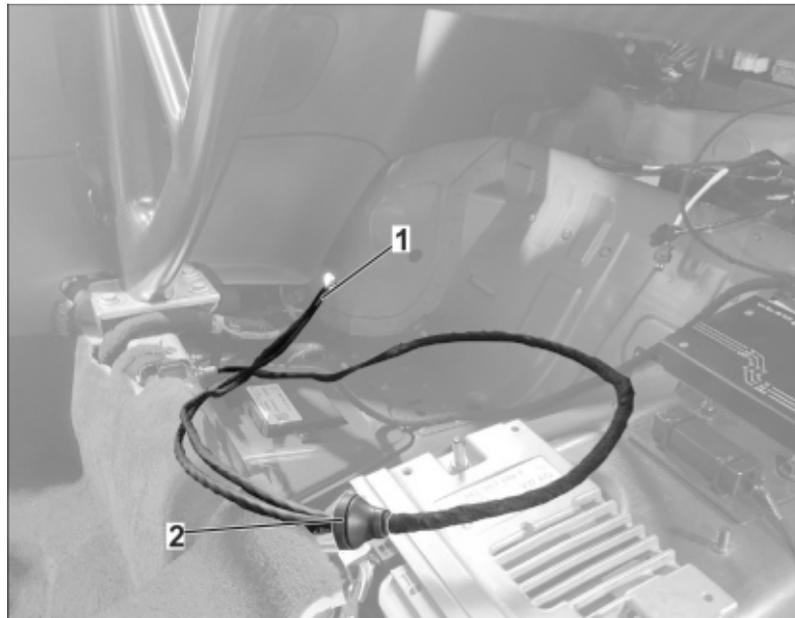
*Cable routing in interior area of control unit*

23. – Fix the left and right wire harness using the cable tie clamp ⇒ *Cable routing in interior area of control unit -1-* as shown.
24. – Loosen ground pin (2x) ⇒ *Cable routing in interior area of control unit -2-* and mount and tighten acceleration sensor ⇒ *Cable routing in interior area of control unit -3-*, connect acceleration sensor ⇒ *Cable routing in interior area of control unit -3-*. Observe installation direction, otherwise possible collision with carpet.
25. – Remove ground bolt (unoccupied bolt) ⇒ *Cable routing in interior area of control unit -4-* nut and mount ground line from the new wire harness on the threaded bolt. **Tightening torque: 13 Nm (9.5 ftlb)** ⇒ *Cable routing in interior area of control unit -4-*
26. – Thoroughly clean and grease-free adhesive surface for relays ⇒ *Cable routing in interior area of control unit -5-*. Glue Velcro adhesive strips on the vehicle side and then fix relay using Velcro ⇒ *Cable routing in interior area of control unit -5-*. Plug in rear right resistor on relay.
27. – Lay power supply (2 lines with pins) to the fuse box ⇒ *Cable routing in interior area of control unit -6-*. Connect surplus cables to the vehicle wire harness using cable ties, paying attention to kinks and potential chafing points.



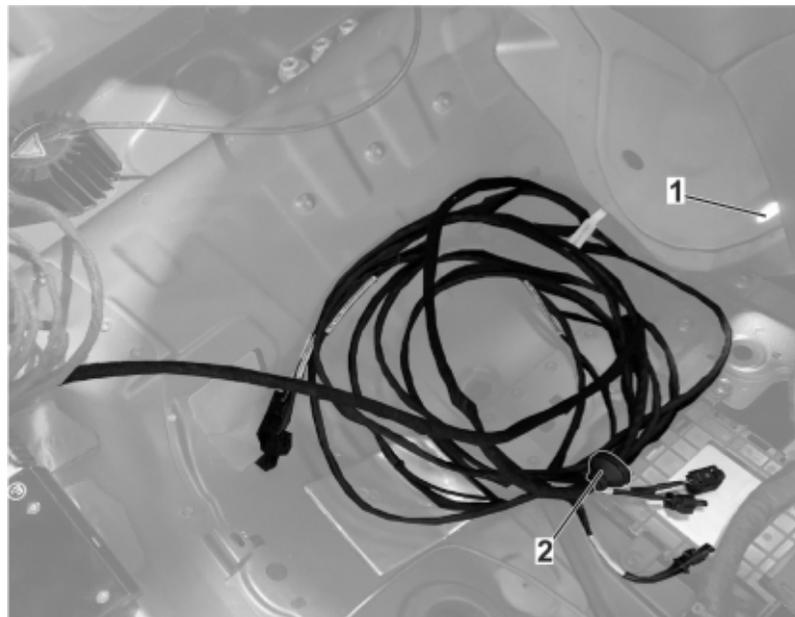
*Power supply fuse box*

28. – Pull fuse box ⇒ *Power supply fuse box -1-* in the direction of travel.
29. – Insert "smaller" pin in upper fuse box (black) from the rear and insert fuse 5A terminal 15.  
**Slot:** ⇒ *Power supply fuse box -A-*
30. – Insert "larger" pin in lower fuse box (beige) from behind and insert fuse 20A terminal 30.  
**Slot:** ⇒ *Power supply fuse box -B-*
31. – Insert fuse box ⇒ *Power supply fuse box -1-* in assembly location and make sure cable is laid properly.



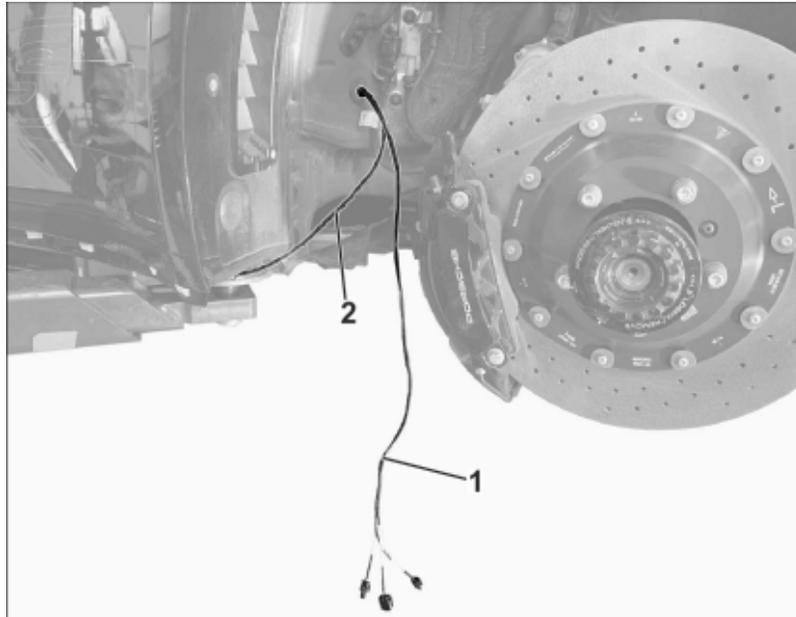
*Rear right passenger compartment line routing*

- 32. – Remove spout that is installed as standard ⇒ *Rear right passenger compartment line routing -1-*
- 33. – Guide wire harness through body opening ⇒ *Rear right passenger compartment line routing -1-* and install grommet ⇒ *Rear right passenger compartment line routing -2-*. Ensure correct seating.

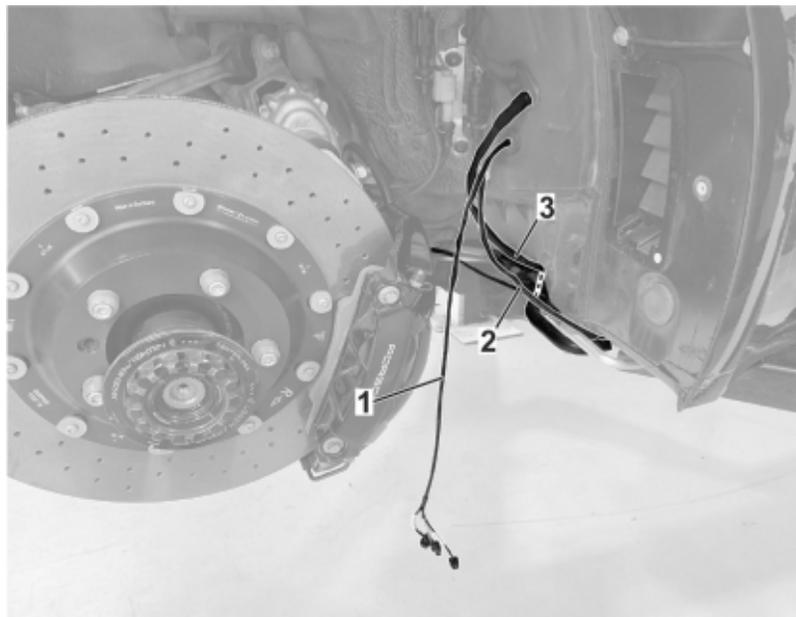


*Rear left passenger compartment line routing*

34. – Remove spout that is installed as standard ⇒ *Rear left passenger compartment line routing -1-*
35. – Guide wire harness through body opening ⇒ *Rear left passenger compartment line routing -1-* and install grommet ⇒ *Rear left passenger compartment line routing -2-* . Ensure correct seating.

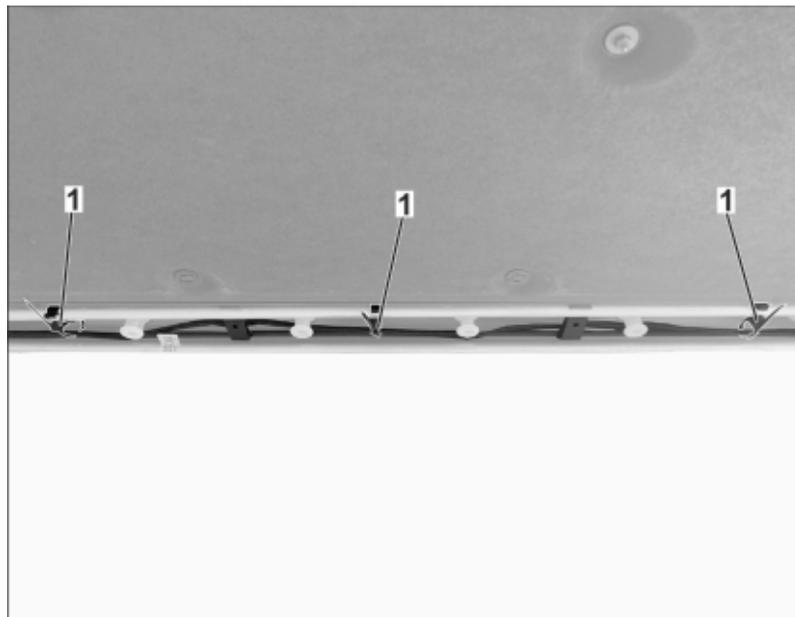


*Rear left wheel housing line routing*



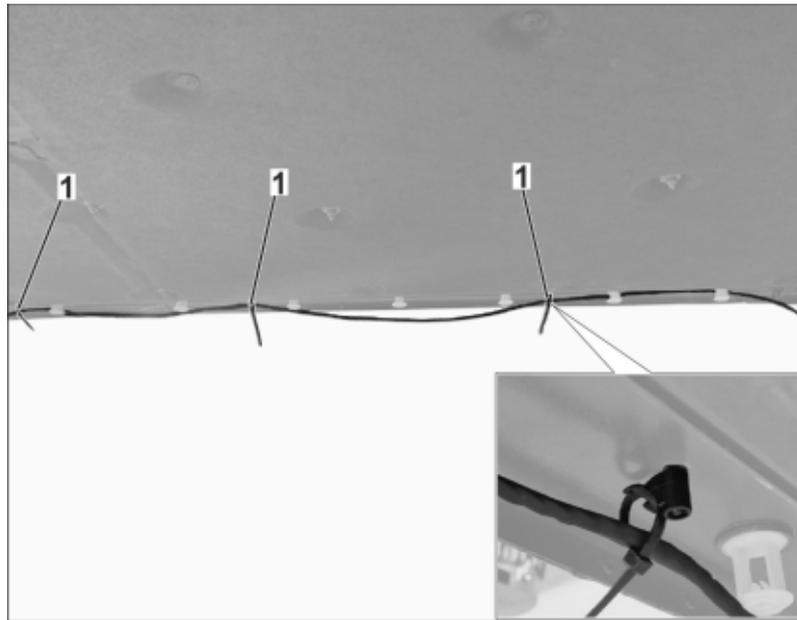
*Rear right wheel housing line routing*

- 36. – **Important: Only fix wire harness finally when plugs on the damper are wired, start and prepare the damper; this applies to all four dampers.** Align wire harness, short wire harness ⇒ *Rear left wheel housing line routing -1-* ⇒ *Rear right wheel housing line routing -1-* with three plugs remaining in the rear wheel housing.
- 37. – Lay long wire harness/ ⇒ *Rear left wheel housing line routing -2-* ⇒ *Rear right wheel housing line routing -2-* towards front of vehicle in the area of the sill and fix it to air conditioning line with pipe cuffs and cable ties ⇒ *Rear left wheel housing line routing -3-* ⇒ *Rear right wheel housing line routing -3-*.
- 38. – Repeat this work step on the other side (rear left wheel housing).



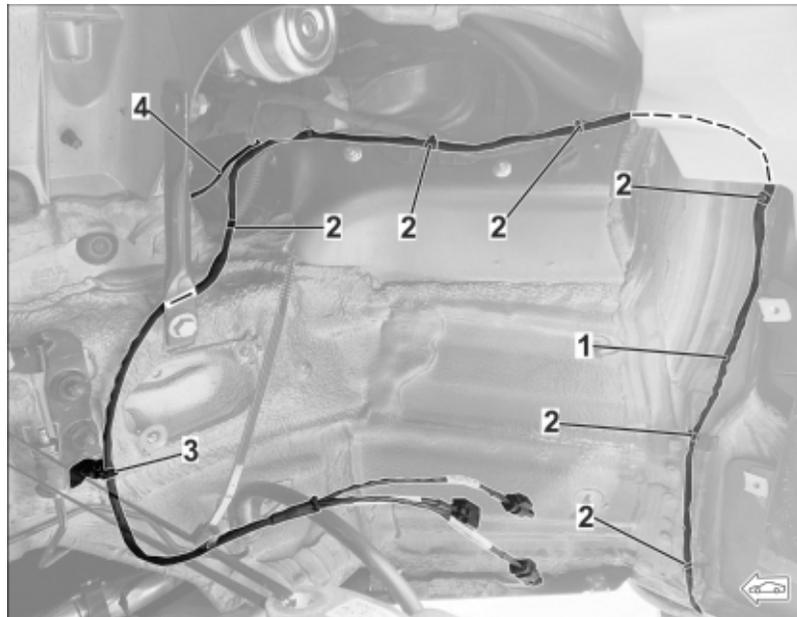
*Line routing of sill on right side*

- 39. – Fix wire harness to the air conditioning line as shown using cable ties and pipe cuffs ⇒ *Line routing of sill on right side -1-*



*Line routing of sill on left side*

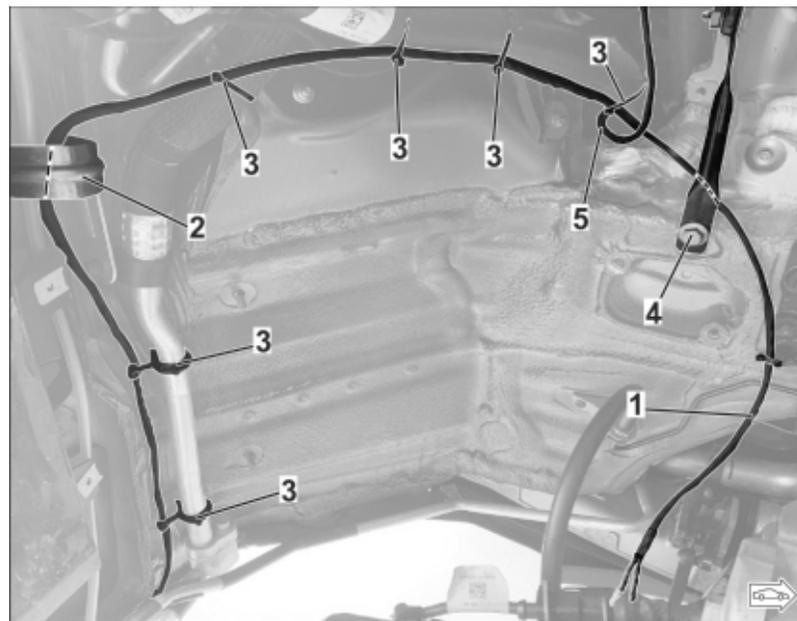
40. – Fix wiring harness to the tumbler bolt with cable tie as shown ⇒ *Line routing of sill on left side*  
-1- On vehicles with lift system, the wiring harness is fastened at 4 points. Only 3 fastening points are used for non-lift vehicles. The 4th Porsche fastening tie (999.591.126.40) is used elsewhere.



*Line routing from front left wheel housing to shock absorber*

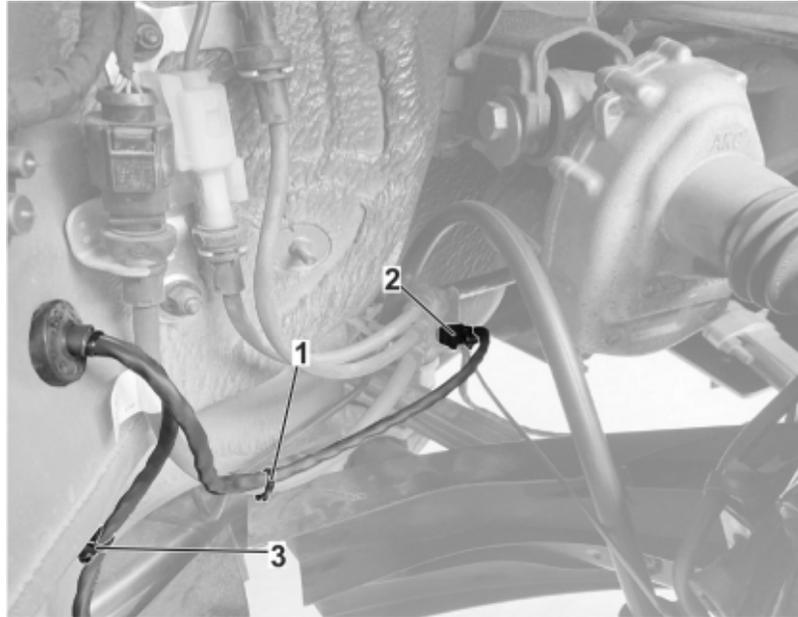
41. – Lay wire harness behind wiper water tank and fix it to the body using three cable tie clamps ⇒  
*Line routing from front left wheel housing to shock absorber -1-*

- 42. – Connect wiring harness to the standard wire harness ⇒ *Line routing from front left wheel housing to shock absorber -2-*
- 43. – Fix wiring harness to the tumbler bolt with cable tie ⇒ *Line routing from front left wheel housing to shock absorber -3-* For non-lift vehicles, no scratch clips can be used at pos. 3. Instead, the Porsche fastening tie is used on the tumbler bolt (on both sides).
- 44. – Place cable labelled "Accelerometer" in the area of the plenum panel through the rear opening ⇒ *Line routing from front left wheel housing to shock absorber -4-* and pull upwards in the area of the dome bearing.



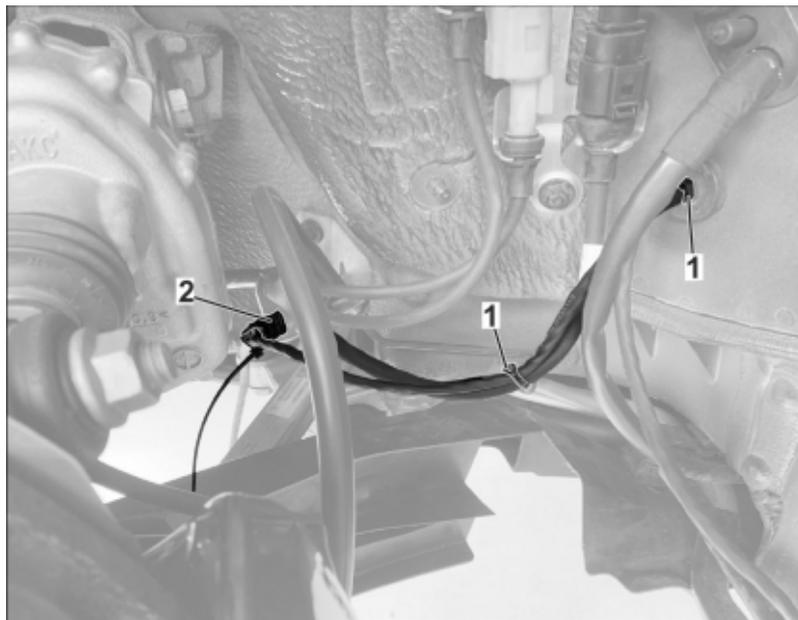
*Line routing from front right wheel housing to shock absorber*

- 45. – Fix wire harness to air conditioning line as shown ⇒ *Line routing from front right wheel housing to shock absorber -1-* and lay it behind silver bracket ⇒ *Line routing from front right wheel housing to shock absorber -2-*
- 46. – Connect wire harness from silver bracket ⇒ *Line routing from front right wheel housing to shock absorber -2-* with cable tie to the water line and tank filling neck ⇒ *Line routing from front right wheel housing to shock absorber -3-*.
- 47. – Lay wire harness behind black bracket ⇒ *Line routing from front right wheel housing to shock absorber -4-*.
- 48. – Place cable labelled "Accelerometer" in the area of the plenum panel through the rear opening ⇒ *Line routing from front right wheel housing to shock absorber -5-* and pull upwards in the area of the dome bearing.



*Line routing from rear left wheel housing to shock absorber*

- 49. – Lay wire harness in the direction of the rear axle and fix it to the standard wiring harness using cable ties ⇒ *Line routing from rear left wheel housing to shock absorber -1-*
- 50. – Fix additionally to holder for standard wire harness using cable tie clamp ⇒ *Line routing from rear left wheel housing to shock absorber -2-*
- 51. – Fasten wire harness that runs forward to the body using cable tie clamp ⇒ *Line routing from rear left wheel housing to shock absorber -3-*

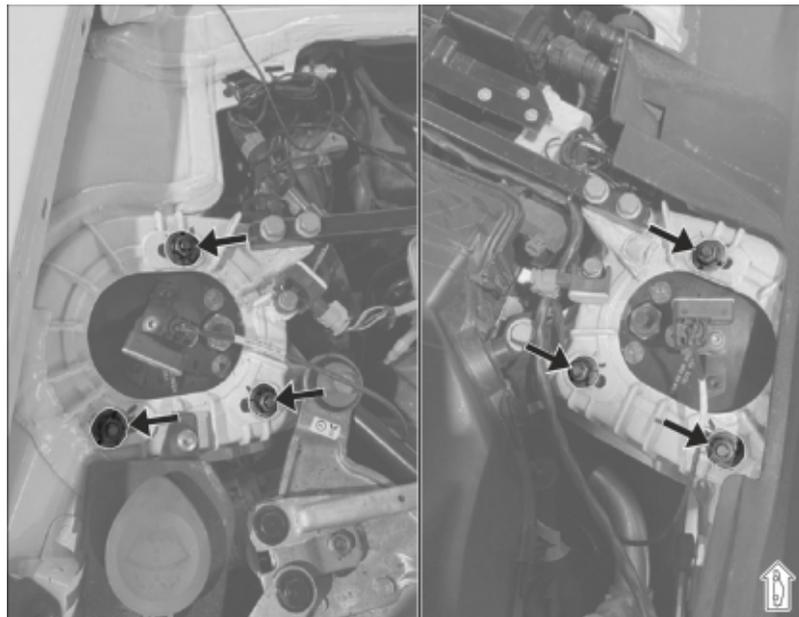


*Line routing from rear right wheel housing to shock absorber*

- 52. – Lay wire harness in the direction of the rear axle and fix it to the standard wiring harness using cable ties ⇒ *Line routing from rear right wheel housing to shock absorber -1-*
- 53. – Fix additionally to holder for standard wire harness using cable tie clamp ⇒ *Line routing from rear right wheel housing to shock absorber -2-*

- 4.1 Install front spring strut. ⇒ *Workshop Manual '408519 Remove and install front spring strut'*  
**Ensure the lift system line is not twisted or under strain.**

**When installing the spring strut, slide the strut bearing plate in the body connection as far as possible towards the outside of the vehicle.**

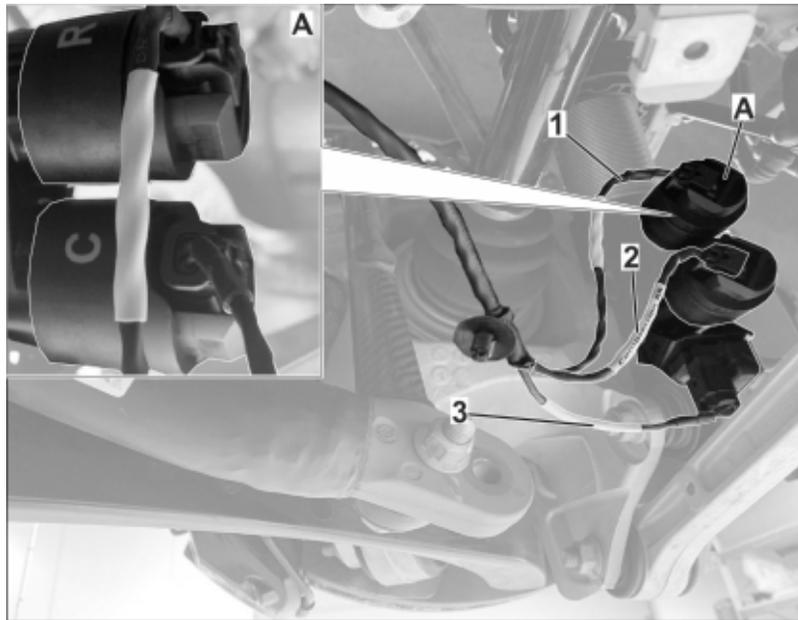


*Observe installation position for dome bearing*

- 54. – Left picture "front left" on the front axle, the support bearing plate must be pushed outwards to the maximum extent to ensure free movement between spring and body.
- 55. – Picture on the right "front right" on the front axle, the support bearing plate must be pushed outwards to a maximum to ensure free movement between spring and body.

- 4.2 Install the rear spring strut. ⇒ *Workshop Manual '427119 Remove and install spring strut, rear'*

**The following work step (connecting the shock absorbers on the underside) is only shown on one damper and must be carried out on ALL four shock absorbers.**



*Applying contact to shock absorber*

- 56. – The shock absorber has two solenoid valves ⇒ *Applying contact to shock absorber -A-* with an R and a C.
- 57. – Insert plug connection as follows: Rebound plug ⇒ *Applying contact to shock absorber -1-* in valve **R**. Compression plug ⇒ *Applying contact to shock absorber -2-* in valve **C**.
- 58. – Insert plug connection at the bottom as follows: Connect Accelerometer plug at the bottom of the damper ⇒ *Applying contact to shock absorber -3-*.



*Observe cable guide on the valve blocks*

- 59. – Fit cable guide to valve blocks as shown. Two cable ties including cable for wheel acceleration sensor for each valve block.



*Rear left and right brake air guide wire harness*

- 60. – This work step is only shown on one side and must be repeated on the other side.
- 61. – Install newly supplied brake air guide ⇒ *Rear left and right brake air guide wire harness -1-* on the left and right at the rear.
- 62. – Clip round-hole cable clips into the brake air duct ⇒ *Rear left and right brake air guide wire harness -2-* and fix them in place.



*Connect front left acceleration sensor*

- 63.** – Stick front left accelerator sensor ⇒ *Connect front left acceleration sensor -1-* together. Cable ties on the sensor to fix the guided cable downwards.



*Connect front right acceleration sensor*

- 64.** – Connect front right acceleration sensor ⇒ *Connect front right acceleration sensor -1-*. Cable ties on the sensor to fix the guided cable downwards.
- 65.** – All lines that are surplus in the entire vehicle must be connected. Make sure that no line is kinked and that it is not connected to moving parts.

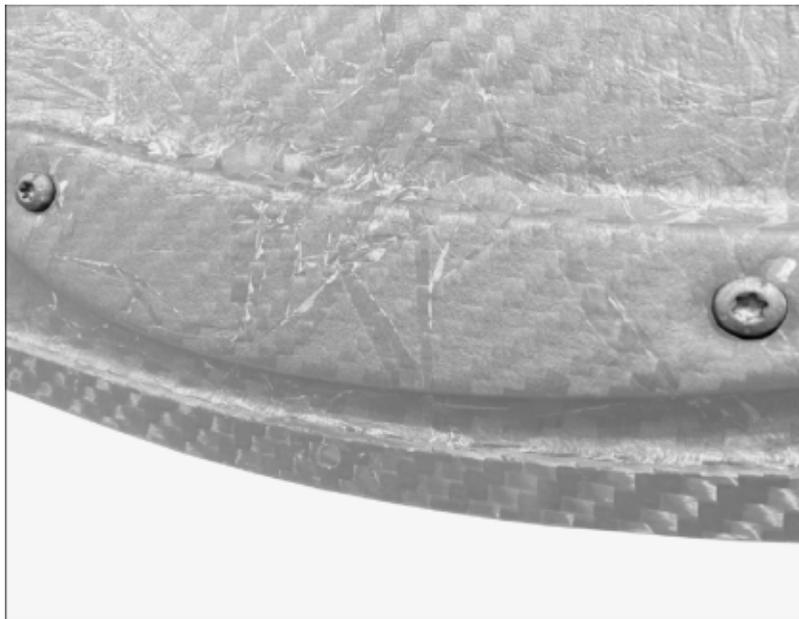
- 66. – Function test, if the LED on the control unit is permanently lit (red) at PWR, the function test is successful.

## 5 Replacing door entry guards

- 5.1 Removing door entry guard. ⇒ *Workshop Manual '427119 Remove and install cover strip'*.
- 5.2 Installing illuminated door-sill guards, (see conversion manual "Door-sill guards, illuminated ADY/ATX" TEQ 6807).

## 6 Rear wing conversion

- 6.1 Remove rear spoiler (wing active) and replace with new active wing, use new screws ⇒ *Workshop Manual '427119 Remove and install rear spoiler (wing active)'*.
- 6.2 Replace wing plates (left and right), use new screws + Loctite 243 ⇒ *Sideplate screws and ⇒ Wing plate spacer install additional spacers ⇒ Workshop Manual '427119 Remove and install rear spoiler (wing plate)'*. **Tightening torque: 9,8 Nm (7.23 ftlb)**



Sideplate screws

- 5.3 – Use new snap ring during assembly, left and right, old bolt remains in use.



*Wing plate spacer*



*Side plates*

- 5.4** – Fit and screw in side plates on the left and right, first attach all screws and align tray, then tighten. 10 screws per sideplate ⇒ *Side plates -1-*. **Tightening torque: 6 Nm (4.4 ftlb)**

**7 Roof fin assembly**

**Important: For vehicles with SDAR antenna, cut out template in the antenna area.**

**NOTICE**

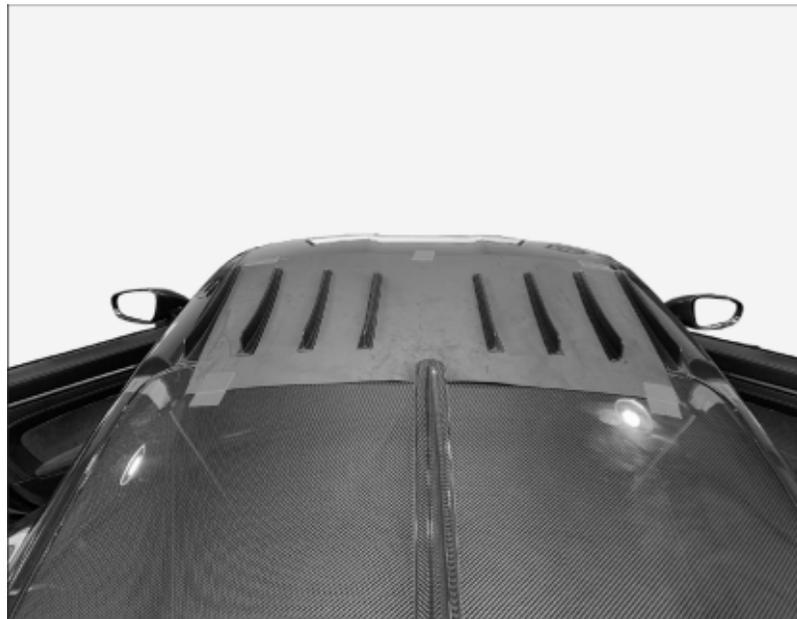
**Bonding OF ALL components to be bonded**

- Exclusion of warranty for bonding to non-Porsche film.
  - Transfer of responsibility in the event of foliation to customer and/or Porsche Center
- ⇒ Processing temperature 18–25°C
- ⇒ Use isopropanol to clean the adhesive surface
- ⇒ Press the center of the fin once to close the gap
- ⇒ Press firmly as follows (repeat 3 times):
- ⇒ 1. Push the fin firmly from back to front. 6–10 positions (apply as much pressure as possible on the flange)
  - ⇒ 2. Push the fin firmly from front to back. 6–10 positions (apply as much pressure as possible on the flange)

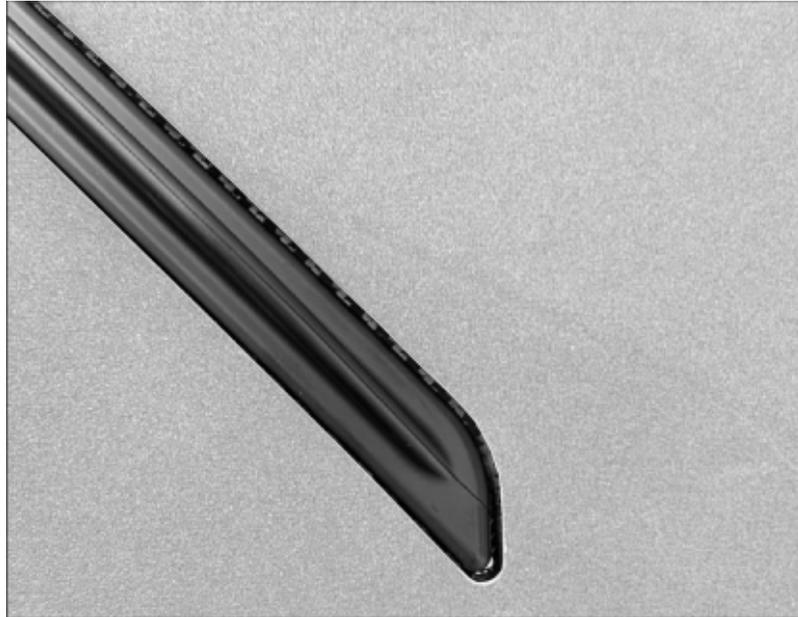


**Information**

Check for correct flap/flick alignment. The alignment **cannot** be corrected afterwards.

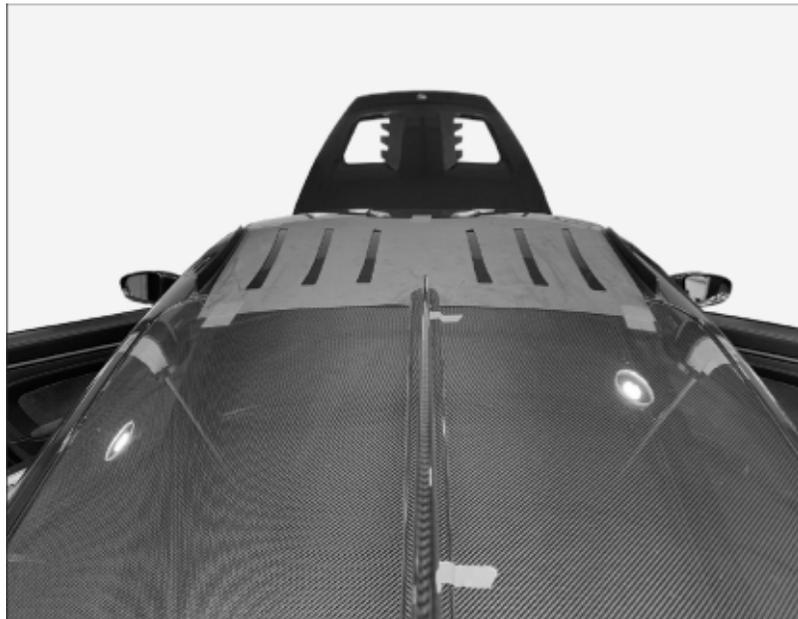


Overview of roof fins



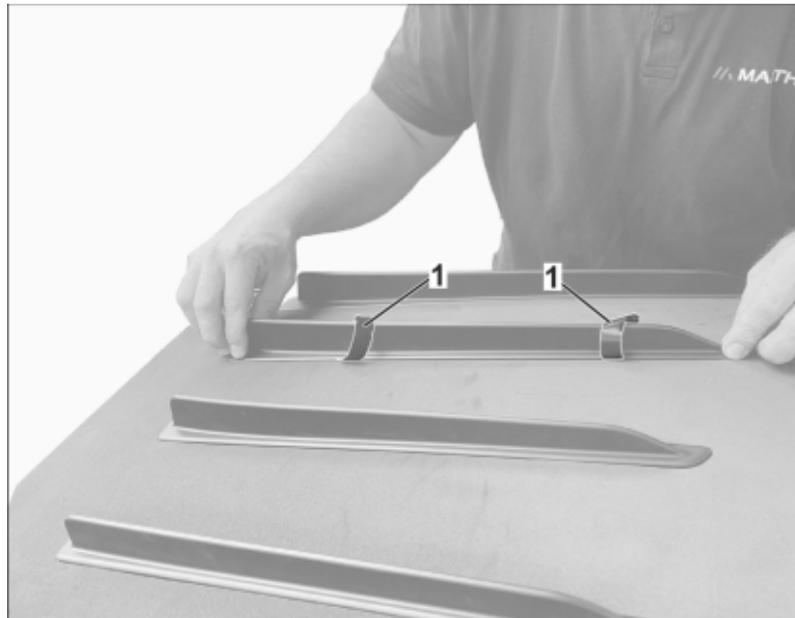
*Additional information for installation of roof fins*

1. – Fins must always be placed against the rear edge and outwards on the template.



*Template for roof fins*

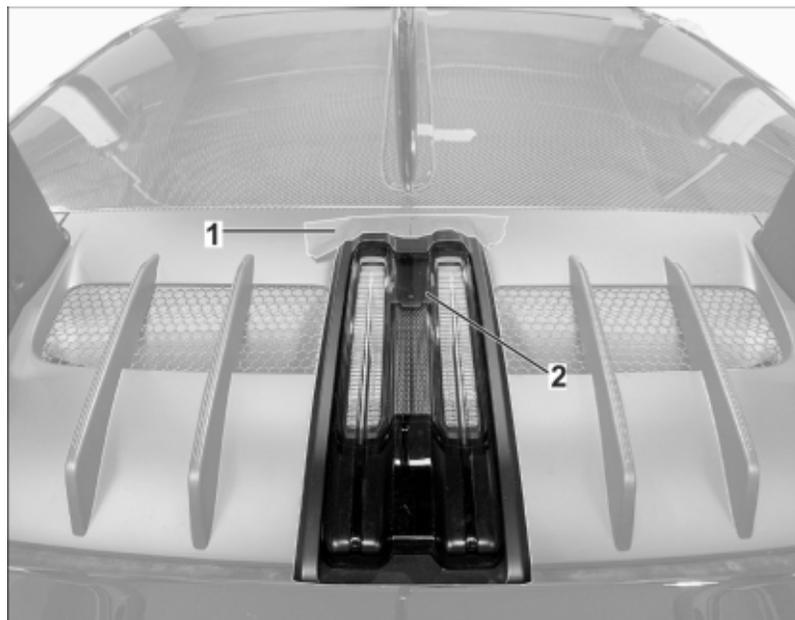
2. – Before attaching the template, make the adhesive surface dust and grease-free.
3. – Place the template as  $\Rightarrow$  *Template for roof fins* shown in the picture, position the template between the already fitted fins (template specification).



*Roof fin assembly*

- 4. – Loosen adhesive strips ⇒ *Roof fin assembly -1-* on the left and right.
- 5. – Installing fins (**install the fins as specified by the template so that the intended air flow is directed outwards through the fins**).
- 6. – Press fins on the left and right, completely remove adhesive strips ⇒ *Roof fin assembly -1-* and press on the fins.

8 **Align shark fin**



*Hints for attaching the shark fin*

1. – Attach adhesive strip above the third brake light ⇒ *Hints for attaching the shark fin -1-*.
2. – Extend line between the two brake lights ⇒ *Hints for attaching the shark fin -2-* and transfer to adhesive strips.



*Installing shark fin*

3. – Position laser from measuring wheel system ⇒ *Installing shark fin -1-* behind the vehicle in the center.
  4. – Align the laser line in the center so that the letter S is crossed in the Porsche logo and aligned with the line between the two brake lights and the auxiliary line on the adhesive strip.
  6. – Align shark fin with the laser line from the outside using a second mechanic.
  7. – Screw in shark fin from inside after alignment. **Tightening torque: 5 Nm (3.6 ftlb)**
- 9 **Rear diffuser assembly**

**This work step can only be performed after 1.12.**



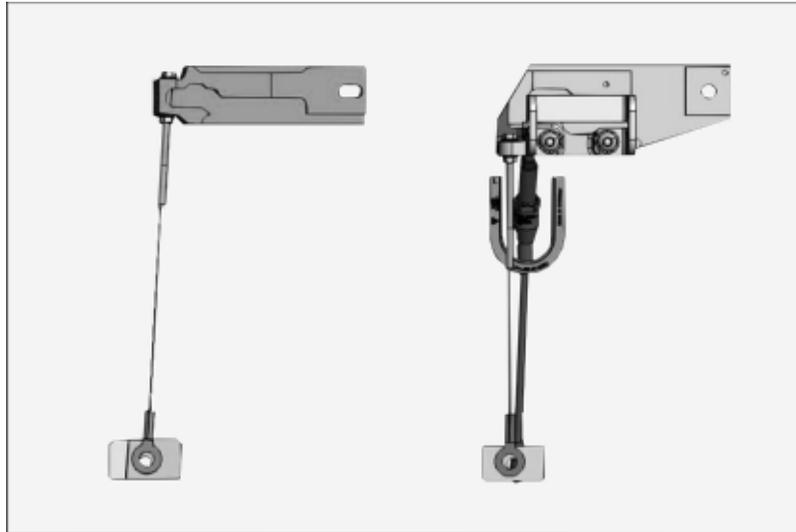
*Diffusor assembly*

1. – Replace installed holders with new holders (kit scope), heat protection must be bent/adjusted somewhat ⇒ *Diffusor assembly -1-*. **Tightening torque: 8 Nm (6 ftlb)**.
2. – Fit new diffuser according to Porsche specifications ⇒ *Workshop Manual '427119 Remove and install rear spoiler lower (diffusor)'*.

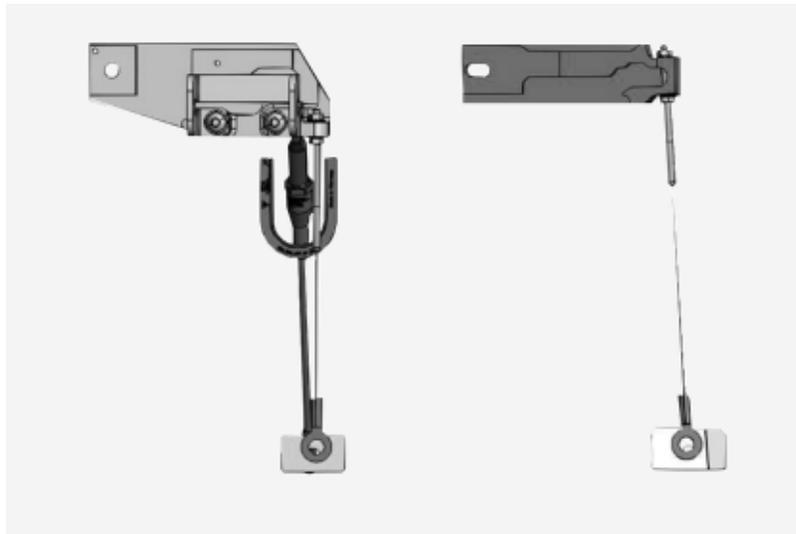
10 **Front diffuser front apron, front spoiler lip, front underbody**



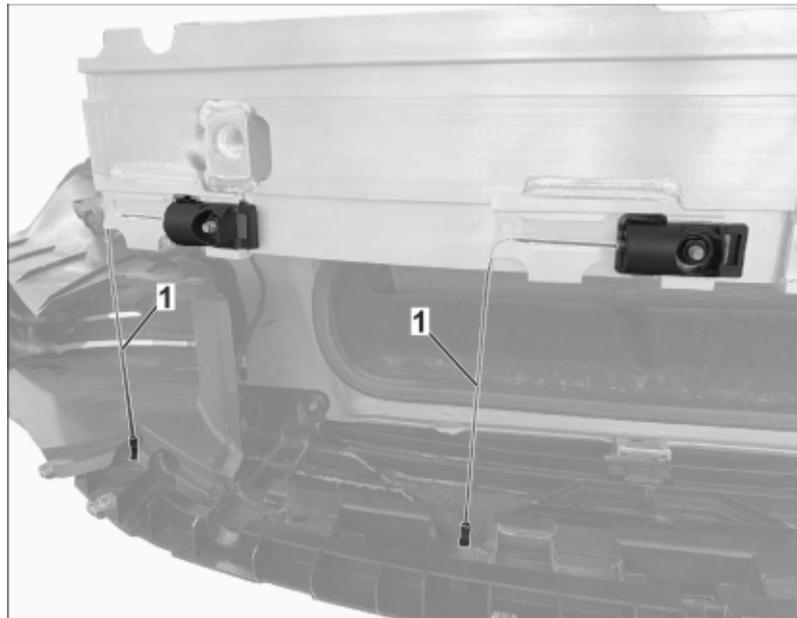
*Overview of fastening points*



*Overview of fastening points (view from rear left)*



*Overview of fastening points (view from rear right)*



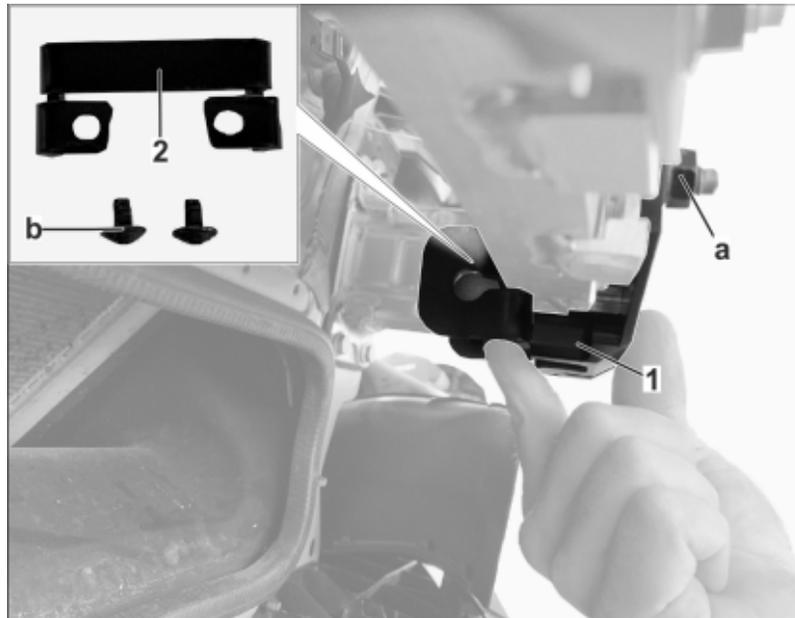
*Front traction cables (standard) splitter*

1. – Remove standard front diffuser (4x) ⇒ *Front traction cables (standard) splitter -1-* cables.



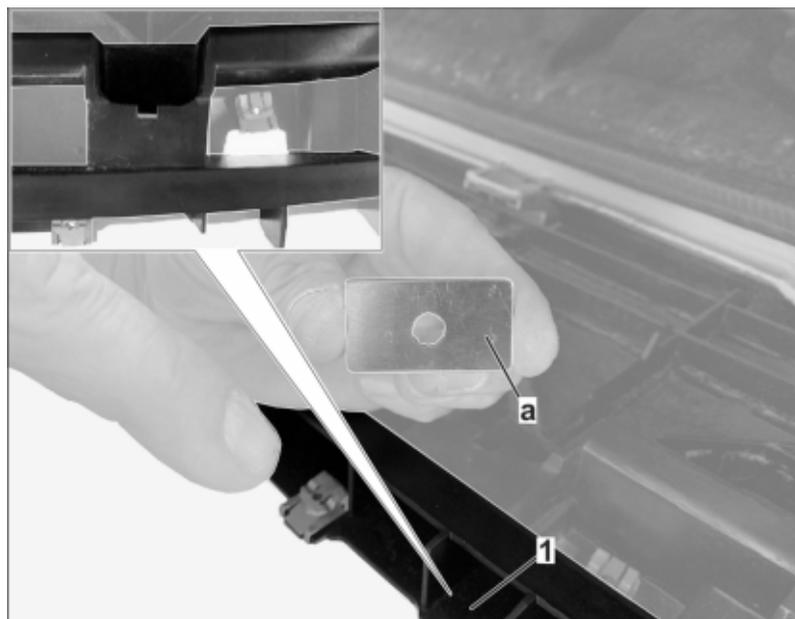
*Left and right retaining plates (2x)*

2. – **Additional information for assembly: Long rope on the outside, short rope on the inside.** Position retaining plates on the left and right ⇒ *Left and right retaining plates (2x) -1-* and push threaded bolts in the direction of the guide.
3. – Perform this process on the outer right side of the bumper, then screw in retaining plates.  
**Tightening torque: 25 Nm (18.4 ftlb).**



*Central retaining plates (2x) including reinforcement*

4. – Place retaining plate in the center  $\Rightarrow$  *Central retaining plates (2x) including reinforcement -1-*, on the left and right and screw it in  $\Rightarrow$  *Central retaining plates (2x) including reinforcement -a-*. **Tightening torque: 25 Nm (18.4 ftlb).**
5. – Fit reinforcement in center  $\Rightarrow$  *Central retaining plates (2x) including reinforcement -2-*, on the left and right and screw it in from behind using two M6 screws  $\Rightarrow$  *Central retaining plates (2x) including reinforcement -b-* each. **Tightening torque: 6 Nm (4.4 ftlb).**



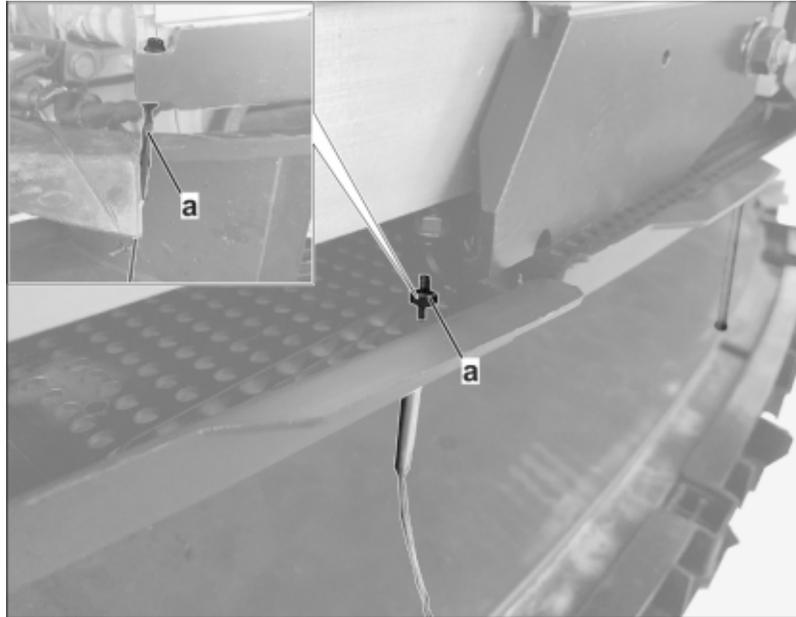
*Spacer for traction cables in the center on the left and right*

6. – Alignment of reinforcement plates: Bent outwards, straight in the middle and hole downwards. Attach reinforcement plates for traction cables in the center on the left and right at the designated position (notch in the air guide for traction cable ⇒ *Spacer for traction cables in the center on the left and right -a-*). Fit center air guide.



*Attaching lower traction cable (4x)*

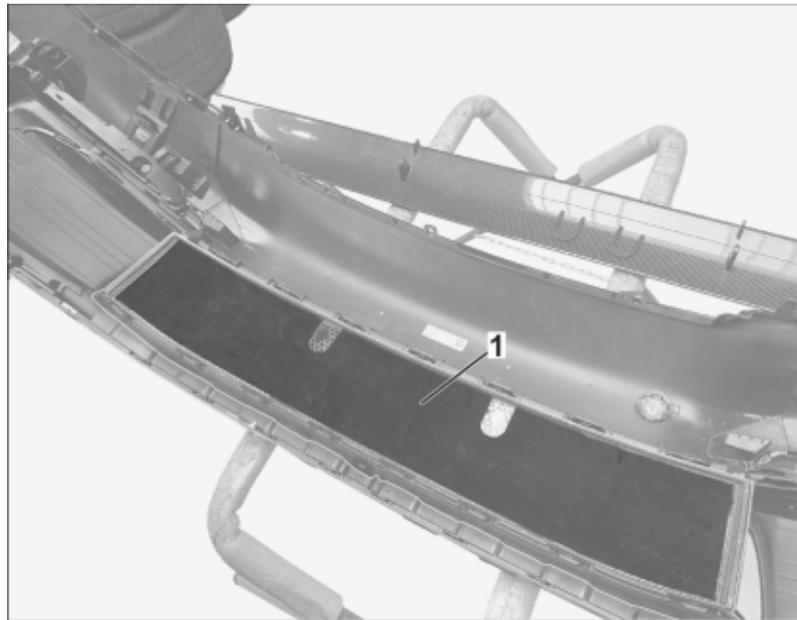
7. – Fit all four traction cables at the assembly points at the bottom provided for this purpose, flat side must face forward (see diagram). **Tightening torque: 5 Nm (3.6 ftlb).**



*Fastening of traction cable upper (4x)*

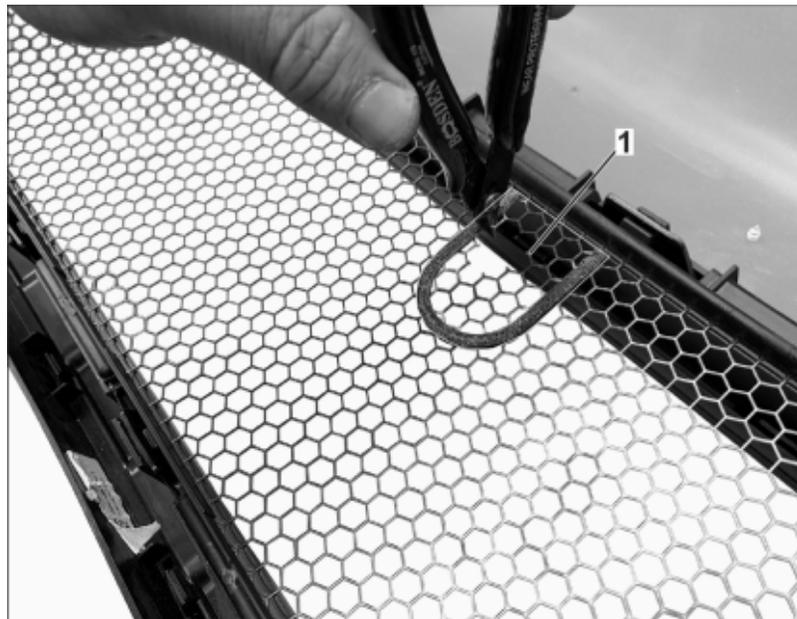
8. – Screw the left and right outer traction cables to the top retaining plate ⇒ *Fastening of traction cable upper (4x) -a-*. **Tightening torque: 5 NM (3.7 ftlb.)** make sure that one nut is on the bottom and the other on the top. Screw traction cables on the outside on the left and right so that the threaded rod at the top of the retaining plate is “flush” with the nut as shown ⇒ *Fastening of traction cable upper (4x) -a-*.
9. – Fit traction cables in the center on the left and right through the air guide on the retaining plate. **Tightening torque: 5 Nm (3.6 ftlb)**. The tension of the traction cables in the middle is determined by adjusting the outer traction cables. **Important:** All traction cables must have the same clamping force. Then mount **new supplied** foam part on the crash carrier.

**Cutting out the grid only from work step 11.**



*Rework front apron protective grille*

10. – Place the template on the protective grille ⇒ *Rework front apron protective grille -1-* (from inside) and align it in the center. Draw recesses for front lip rods.



*Finish front apron protective grille*

11. – **Important:** Cutting within the frame (as shown), not outside, this results in the frame not being assembled. Position the template (included in the kit) ⇒ *Finish front apron protective grille -1-* on the marked position and use a side cutter to cut the left and right grid on a line with the frame. Repeat this procedure on the other side.

12. – Installing frame parts for pull rods recess. No grille may protrude over the edges. Remove protective film from counterpart. Stick counterpart on opposite side.



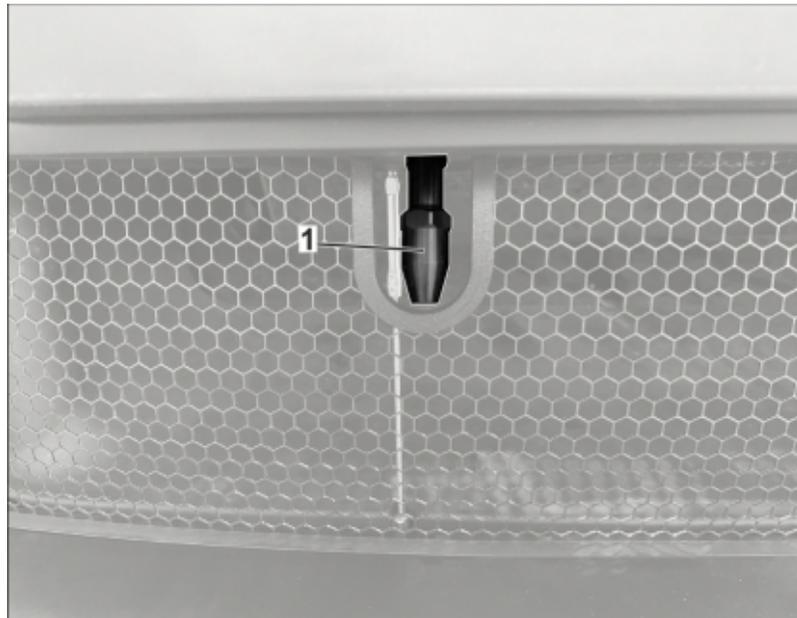
#### Information

- The angle of adjustment of the front lip is decisive for aerodynamic performance and correct aero-balance. For this purpose, the splitter height is set according to the assembly instructions using the enclosed measuring tool and fixed by tightening the union nut to the specified tightening torque of 13 Nm (10 ftlb.) and tool T10395/5. **If the union nuts are not tightened or not tightened sufficiently, the inner part may slip out and the front lip rod may fail in the further course.**



*Assembly of front lip rods*

13. – Pull front rods (2x) apart. **Union nut must never be completely released from the clamping sleeve/must remain on the clamping sleeve.**



*Assembly of front lip rods*

- 14. – Fit front lip rod upper ⇒ *Assembly of front lip rods -1-* left and right (2x) to the holder.  
**Tightening torque: 1,6 Nm (1.2 ftlb).**
- 15. – Remove standard Air curtains from the left and right outer front apron. Install front apron ⇒ *Workshop Manual '427119 Remove and install front apron'*.
- 16. – Push the lower part of the two front lip rods back on.



*Assembly of front lips and front lip rods*

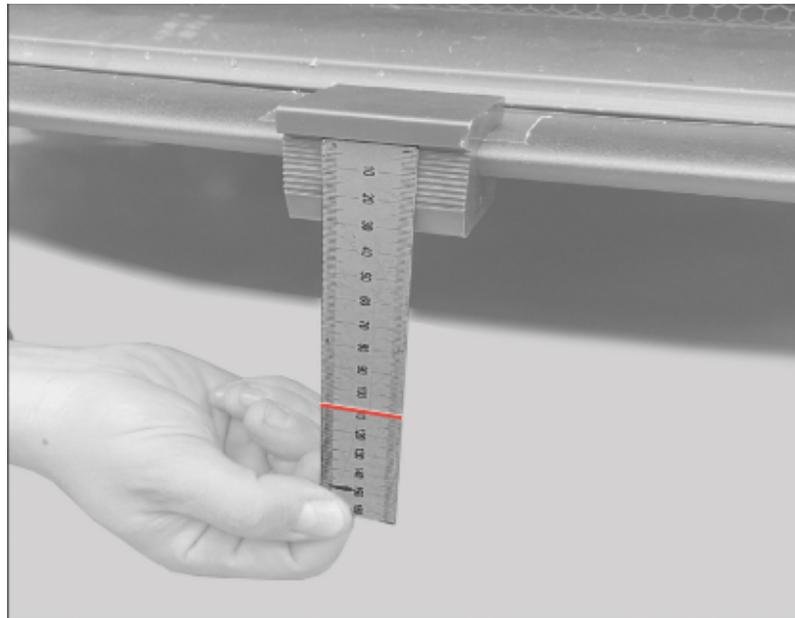
17. – Important: Tighten SCREW CONNECTIONS from the inside out. First mount front lips on the outside ⇒ *Assembly of front lips and front lip rods -1-*, making sure that all clips/retaining tabs engage, and additionally make the adhesive surface of the already pre-assembled 3M adhesive tape free of grease in the area of the adhesive surface on the front apron.
18. – Fit front lip in the middle ⇒ *Assembly of front lips and front lip rods -2-*, making sure that all clips/retaining tabs engage.
19. – Position front lip retaining rods ⇒ *Assembly of front lips and front lip rods -3-* on the center of the front lip in a ⇒ *Assembly of front lips and front lip rods -2-* hand-tight manner.

**Work steps 20 and 21 are only carried out after/during vehicle alignment.**

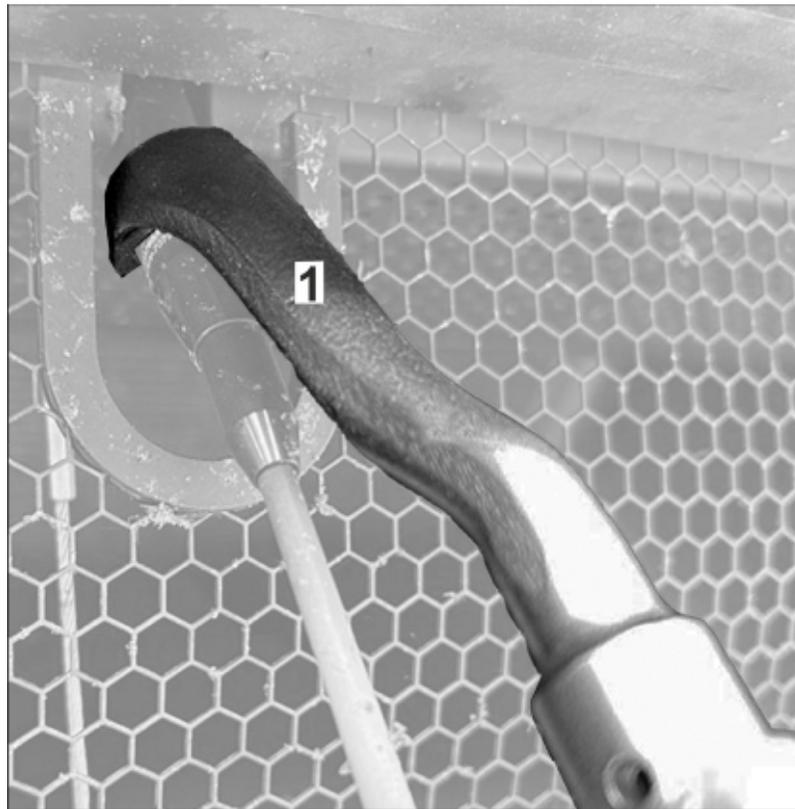


*Front lip retaining rods assembly*

20. – Fix plastic part by hand while it is being tightened. Lift drawer to prevent damage to original seal. **Tightening torque: 4,5 Nm (3.3 ftlb)**

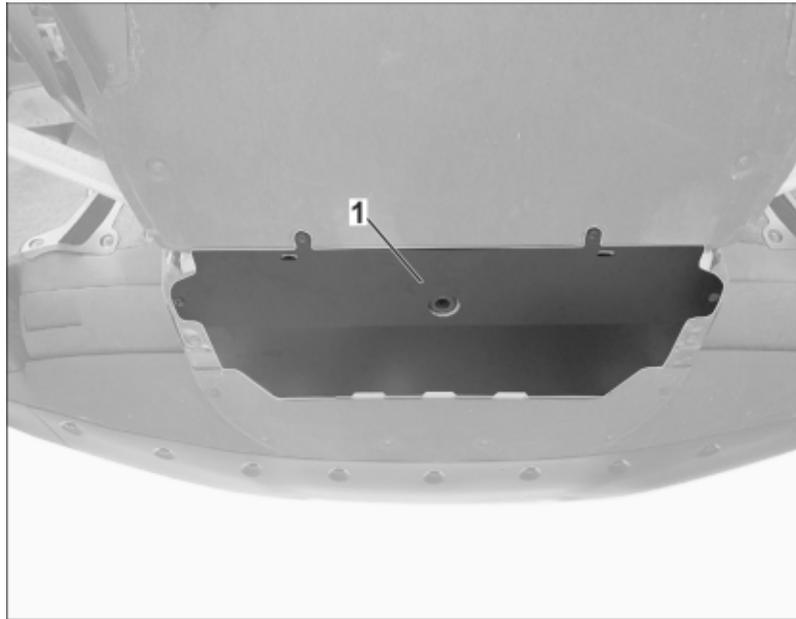


*Tightening the front lip rods*



*Screw connection for upper front lip rod*

21. – The final tightening of the CFRP rods on the front lip can only take place **after** the vehicle has been measured and is on measuring wheels (the height to be set is mentioned in the Wheel measuring system document). For adjustment, if the union nut is tightened by hand, it is sufficient to set the end suit only after the measurement and adjustment of the correct height. Guide plastic wedge (plastic wedge = splitter calibration tool = MT004282A) over front lip and use measuring tape to determine the height as shown. Laser target height: 114 mm. Use of Porsche special tool: T10395/5 or HAZET – E49/MA ⇒ Screw connection for upper front lip rod -1- . **Tightening torque: 13 Nm (9.6 ftlb)**



*Installing front underbody*

22. – Push ⇒ *Installing front underbody -1-* in front underbody (in direction of travel), lift up underbody so that the original seal is not damaged.
23. – Screw in the underbody using original screws. **Tightening torque: 3,2 Nm (2.3 ftlb)**
- 11 **Assembly of front apron left and right flicks/flaps**



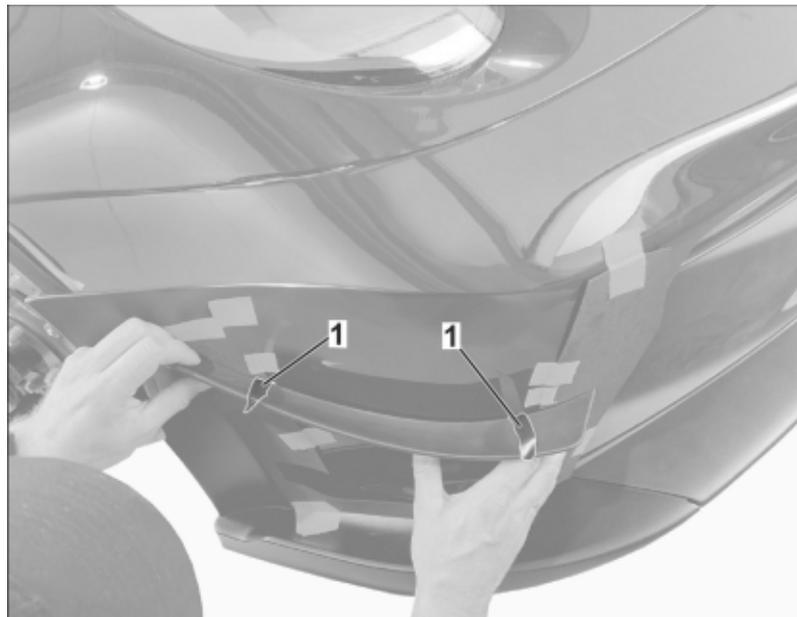
**Information**

Check for correct flap/flick alignment. The alignment **cannot** be corrected afterwards.



*Template for front apron flicks*

1. – Before attaching the template, make the adhesive surface dust and grease-free.
2. – Place template as shown in the picture ⇒ *Template for front apron flicks*.

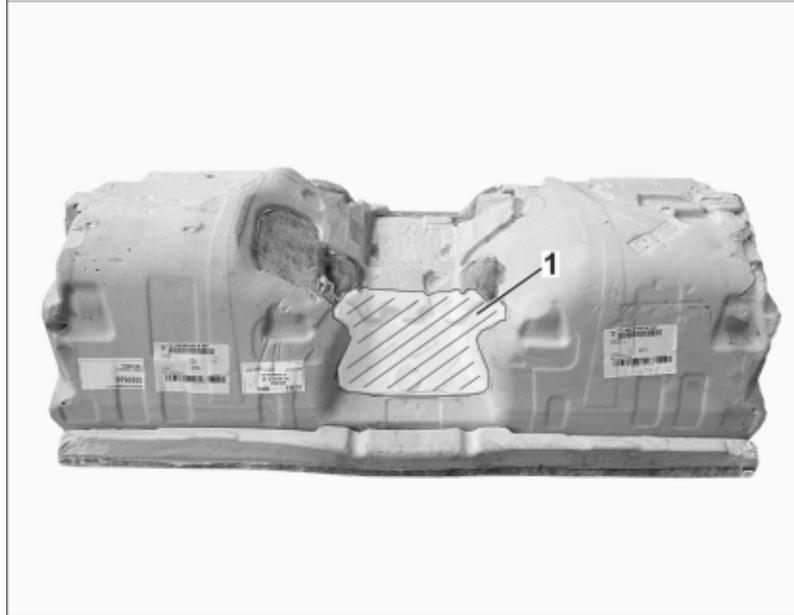


*Front apron flicks fitting*

3. – Loosen adhesive strips ⇒ *Front apron flicks fitting -1-* on the left and right.
4. – Fit in Flick (**long Flick top, short Flick bottom, wide front section, narrow rear section**).
5. – Press flick on the left and right, remove adhesive strips ⇒ *Front apron flicks fitting -1-* completely and press flick.

**12 Rear carpet cut-out for chassis control unit**

Due to the modified height of the control unit for the chassis, the rear carpet must be reworked.



*Cut-out in carpet*

1. – Mark the cut-out as shown ⇒ *Cut-out in carpet -1-* and make the cut-out approx. 3 cm deep. Then perform install check and rework if necessary.

**13 Subsequent work/Complete the vehicle**

- 13.1 Install rear side trim panel ⇒ *Workshop Manual '427119 Remove and install rear side trim panel'*.
- 13.2 Installing rear cover ⇒ *Workshop Manual '427119 Remove and install rear cover'*.
- 13.3 Install roll-over bar ⇒ *Workshop Manual '427119 Remove and install roll-over bar'*.
- 13.4 Install seats ⇒ *Workshop Manual '427119 Remove and install front seat (sports bucket seat)'*.
- 13.5 Install door entry guard ⇒ *Workshop Manual '427119 Remove and install door entry guard'*.
- 13.6 Install wheels with central bolt ⇒ *Workshop Manual '427119 Remove and install wheel with central bolt'*.
- 13.7 Connect the battery.

**14 Rear axle Aerodisc**



*Aerodisc*

1. – Position Aerodisc and screw it in using new screws⇒ *Aerodisc -1-*. **Tightening torque: 15 Nm (11.06 ftlb)**
2. – Repeat this procedure on the other side.
3. – Fit wheel trim cover.

**15 Installing door entry adhesive label**



*Installing tyre pressure adhesive label*

1. – Make adhesive surface grease-free.

2. – Glue new adhesive label as shown ⇒ *Installing tyre pressure adhesive label.*

Tool: **P90999 - P90999 - PIWIS Tester 4**

CW nut: 685 10 179

Hazet key T10395/5 or HAZET - E49/MA

- 16 Coding/programming Manthey Kit QY6



#### Information

The function is **ONLY** available when the Tester is online.



#### Information

The **PIWIS Tester** instructions take precedence since the description may be different with later Tester releases.

The procedure described here has been structured in general terms. Different text or additional information may appear on the **PIWIS Tester**.

### NOTICE

#### Voltage drop

- **Irreparable damage to control unit**
  - **Damage to control unit**
  - **Error entries in control unit**
  - **Control unit coding aborted**
  - **Malfunctions in the control unit, even during programming**
- ⇒ **Switch off the ignition and remove ignition key before disconnecting the control unit.**
- ⇒ **Make sure that the power supply is not interrupted during programming.**
- ⇒ **Connect a battery charger with a current rating of at least 90 A to the vehicle battery.**

### NOTICE

**Control unit programming will be aborted if the Wi-Fi connection is unstable.**

- **An unstable Wi-Fi connection can interrupt communication between the PIWIS Tester and the vehicle communication module (VCI). As a result, control unit programming may be aborted.**
- ⇒ **During control unit programming, always connect the PIWIS Tester to the vehicle communication module (VCI) via the USB cable.**

- 16.1 Preparatory work – Coding
- 16.1.1 Connect **P90999 - P90999 - PIWIS Tester 4** to the vehicle and switch it on.
  - 16.1.2 Switch on ignition **AND** hazard warning lights on the vehicle.
  - 16.1.3 Select the "Diagnostics" menu item on the PIWIS Tester.
  - 16.1.4 If **P90999 - P90999 - PIWIS Tester 4** is connected correctly, a connection to the vehicle will be established: Model line "911" is detected.
  - 16.1.5 Press **(F12)** to go to the control unit search screen.
  - 16.1.6 Question: "Should an FAP be created?" If "Yes", press **(F12)** to confirm.
  - 16.1.7 Select "KD-FAP" in the next menu item and press **(F8)** to start.
- 16.2 Enter the new vehicle equipment in the vehicle data using "PIWIS Online"
- 16.2.1 Press **(F7)** in the control unit overview to switch to the "Additional menu".
  - 16.2.2 Select the "Maintain vehicle data with PIWIS-ONLINE" function.  
A message appears informing you that the "Actual" (vehicle) data and "Required" (PIWIS Online) data will be compared.  
Press **(F12)** to continue.
  - 16.2.3 Confirm the message "The vehicle data was compared with PIWIS Online. Significant differences were found" with **(F12)**.
  - 16.2.4 In the "Family" column, search for the "QY6 control coding Manthey Kit" option.  
Mark value at the rear column with a check mark (click button).
  - 16.2.5 A table containing the coding value and the columns "new value" and "old value" is displayed in the overview. Press **(F8)** to continue.
  - 16.2.6 Data is then written/saved. The following messages appear one after the other:
    - Transfer vehicle data to PIWIS Online.
    - Write and transfer vehicle data to the vehicle.
    - Vehicle order was written successfully.
    - A check was performed in order to check whether control units have to be coded or programmed as a result of the changes that were made.
- 16.3 Code/program the new vehicle equipment.
- 16.3.1 Confirm the table containing a list of control units that must be coded/programmed, by pressing **(F12)**.
  - 16.3.2 Individual data records will be loaded, depending on the number of control units to be coded/programmed.  
Information "Creating backup documentation." Please wait ... and "Coding was completed successfully". Press **(F12)** to continue.

Repeat the process for other control units if necessary.

- 16.3.3 Wait for the "Adaptation of the control units is complete." Wait and check the coding status of the control units in the displayed table.

Continue by pressing **F12** to return to the control unit overview.

- 16.4 Read out the fault memory of all systems, work through any existing faults and erase the fault memory. ⇒ *Workshop Manual '0335IN Diagnostics maintenance: Diagnostic system and maintenance inter...'*
- 16.5 Switch off ignition and disconnect **P90999 - P90999 - PIWIS Tester 4**.
- 16.6 Disconnect battery charger ⇒ *Workshop Manual '2X00IN Battery trickle charging'*.
- 16.7 Drive the vehicle off the lifting platform.

## 17 Suspension alignment

### NOTICE

#### Vehicle and driver weight

- **Before starting the alignment process, please ensure the following conditions are met:**
- ⇒ **Fuel tank is completely full**
- ⇒ **Driver's weight (incl. helmet and racing suit) has been determined or requested and is placed on the driver's seat with an equivalent weight**



#### Information

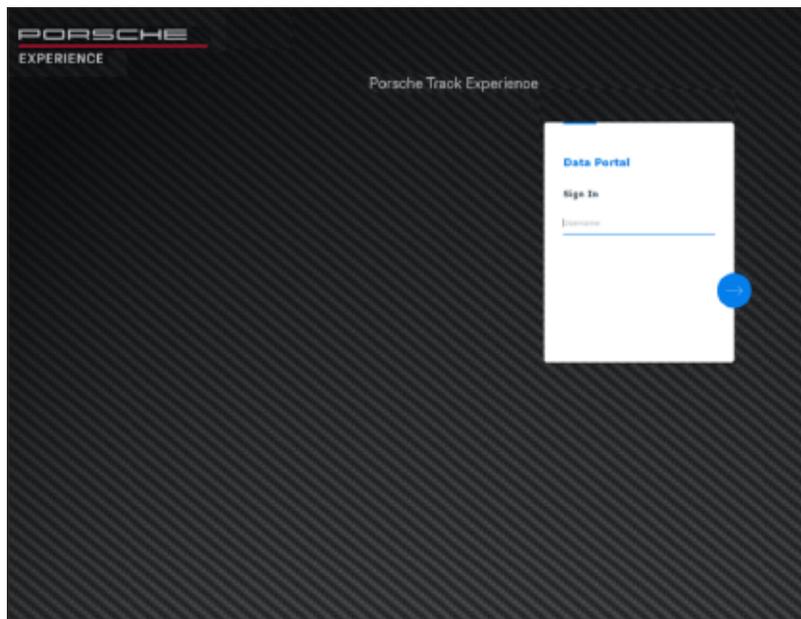
- **911 992 GT3 RS with Weissach package:** The stabiliser bar on the rear axle is adjustable in two positions only (medium and soft).
- 17.1 Measure vehicle with standard values (delivery status) ⇒ *Workshop Manual '2X00IN Settings for vehicle alignment'*.
- 17.2 Measure vehicle with measuring wheel system ⇒ *Installation and Conversion Instructions '440000 Measuring wheel system'*. Here, observe and perform work steps 20 and 21 from the chapter "Front diffuser front apron, front spoiler lip, front underbody".

Adjustment	Delivery setup for front axle	Delivery setup for rear axle
Anti-roll bar	soft	center
Ride height on tyres	106 mm	258 mm
Ride height on measuring wheel	83 mm (Offset -23 mm)	246 mm (Offset -12 mm)
Toe unpressed (total)	-2 mm/-14'	/
Toe per wheel	-1 mm/-7'	+1.5 mm/+10'
Camber	-1.5°/-1° 30'	-1.5°/-1° 30'

Adjustment	Front axle race circuit setup	Rear axle race circuit setup
Anti-roll bar	soft	center
Ride height on tyres	103 mm	255 mm
Ride height on measuring wheel	80 mm (Offset -23 mm)	243 mm (Offset -12 mm)
Toe unpressed (total)	-2 mm/-14'	/
Toe per wheel	-1 mm/-7'	+1.5 mm/+10'
Camber	-2.75°/-2° 45'	-2.75°/-2° 45'

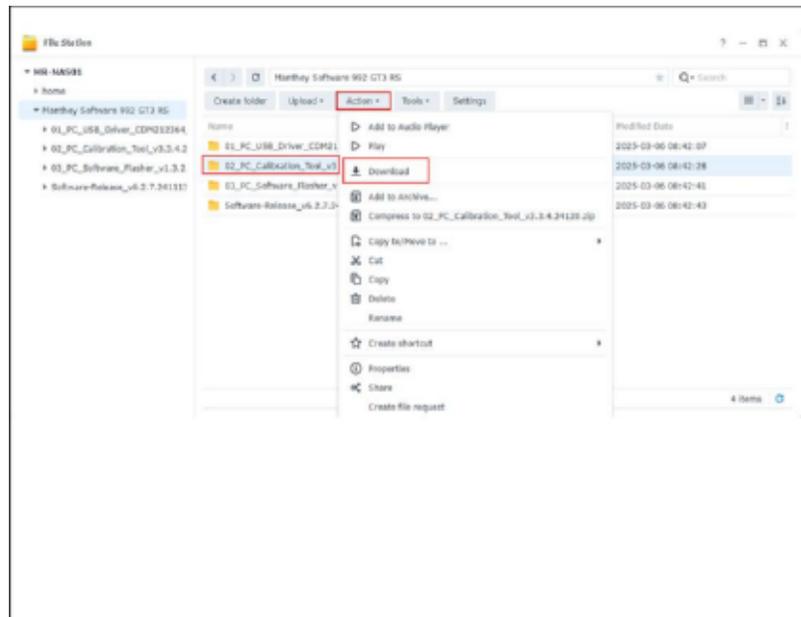
18 Download/installation of diagnostic software for chassis

18.1 Link to download page: <https://data.porsche-racing-experience.com:25001>



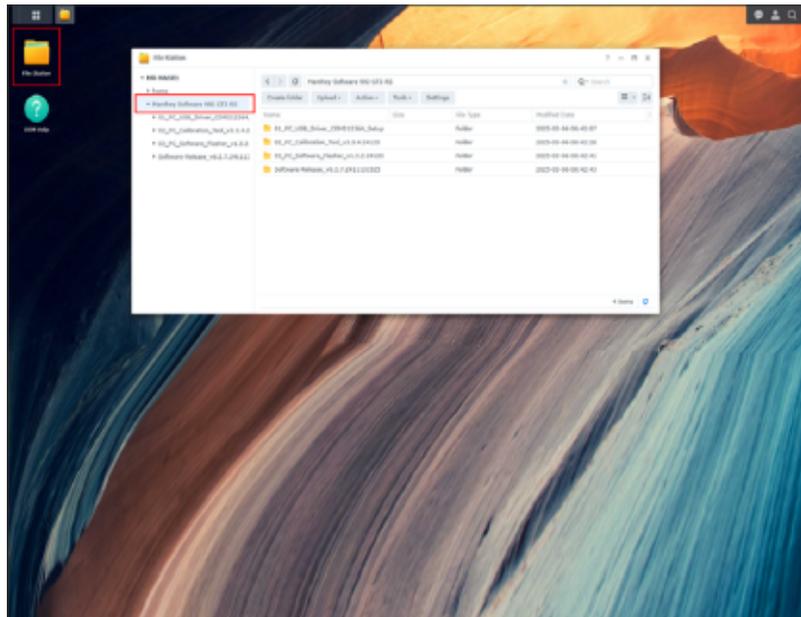
Login

1. – User name: Porsche\_Center
2. – Password: !Porsche992GT3RS?



Selection of the folder

3. – Select the marked folder.



Download

4. – The image shows an example of the download from the Calibration Tool; each individual folder must be downloaded.
5. – Unzip ZIP files.

18.2 For carrying out the diagnostic tool and handling, see the following document: **SIT, 0 Guided fault finding - Manthey Kit chassis.**

0913 23 66: 911 GT3 RS Manthey Kit complete Labor time: **1400 TU**  
Includes: 911 GT3 RS Manthey Performance Kit installed, vehicle aligned and adjusted.

0913 23 67: Individual chassis scope Labor time: **1100 TU**  
Includes: Chassis installed, align and adjust vehicle.

0913 23 66: Single scope of aerodynamic package. Labor time: **800 TU**  
Includes: Install aerodynamic components.

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