



ASSEMBLY INSTRUCTIONS

TECHART Multifunctional Daytime Running Lights
for TECHART Magnum / Cayenne Turbo, GTS

Art. No. 055.180.120.009CHR TECHART Multifunctional Daytime Running Lights "chrome"
Art. No. 055.180.120.009BLK TECHART Multifunctional Daytime Running Lights "black"





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I Important safety information

All of the necessary work must be performed by qualified persons with an appropriate level of expertise.

	WARNING Vehicle lifts with an insufficient lifting capacity can collapse under the weight of the vehicle and crush any persons standing underneath. Compare the weight of the vehicle with the lifting capacity of your vehicle lift. The weight of the vehicle must not exceed the lifting capacity of your vehicle lift. The weight of the vehicle can be found in the vehicle operating manual.	
	WARNING Risk of injury from electric current. Switch off the ignition and disconnect the battery when working on the vehicle electrical/electronics systems.	
	WARNING Risk of fire and explosion from ignition of windshield cleaning agents/antifreeze and their vapors. Risk of poisoning from ingesting windshield cleaning agents/antifreeze and breathing in their vapors. Risk of injury due to irritation caused by windshield cleaning agents/antifreeze coming into contact with eyes, skin and other parts of the body. Wear protective clothing and safety glasses. Avoid naked flames, fire and sources of ignition. Avoid contact with eyes, skin and other parts of the body. Do not eat, drink or smoke when handling windshield cleaning agents/antifreeze. Do not breathe in vapors and ensure adequate ventilation. Keep windshield cleaning agents/antifreeze only store them in sealable original containers.	 



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 	 CAUTION Risk of injury from hands and arms being crushed, cut or lacerated when working with sharp-edged and bulky objects. Wear protective clothing and protective gloves. Keep limbs out of narrow and inaccessible areas of the vehicle and/or avoid dangerous situations by using special tools and suitable aids.	 
	 CAUTION Risk of injury to back, muscles, joints, tendons and ligaments from lifting and carrying heavy and/or bulky objects. Lift and transport heavy and/or bulky objects with the help of other people and/or with suitable aids.	
	NOTICE Before starting the assembly procedure, carefully read the assembly instructions in full and pay attention to the safety information and sequence of the individual operation steps.	
	NOTICE All body parts must be prepared and painted in accordance with the attached painting guide.	



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II Preparation

Number of people required



For the installation of this product at least two persons are needed.

Help and support

In case of technical questions you immediately contact us: **support@techart.de**

Check parts kit of TECHART multifunctional daytime running lights

1		055.180.120.009	TECHART multifunctional daytime running lights
Consisting of:			
	1	055.180.120.100	Combination lamp with right daytime running light "chrome"
	1	055.180.120.101	Combination lamp with left daytime running light "chrome"
or			
	1	055.180.121.100	Combination lamp with right daytime running light "black"
	1	055.180.121.101	Combination lamp with left daytime running light "black"
	1	055.180.120.200	Right bracket set, Cayenne
	1	055.180.120.201	Left bracket set, Cayenne
	2	000.180.120.200	Control unit
	2	055.180.120.500	Wiring harness as of YoM 08, Cayenne
	8	001900M06X87380	Hexagon socket head bolt, M 6x8, flange black galvanized
	4	001900M5X307380	Hexagon socket head bolt, M 5x30, flange black
	4	001900M05985	Self-locking nut M5
	4	001900M05X15	Fender washer M5x15
	2	000.590.555.5162	Blue watertight crimp connector 1.5 - 2.5 mm ²
	10	000.590.502.221	Cable tie 3.5x140mm black

Use the table to check whether all of the required parts are present.

Contact us immediately if any parts are missing: **support@techart.de**

Once parts have been removed from their original packaging, ensure that they are properly handled and stored.



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III Installation

1 Prepare vehicle

- i** Before starting work, check that the vehicle is free of defects. Use the PIWIS system tester to read out all of the fault memories of the individual vehicle components and first rectify any faults displayed.

1.1 Switch off level control

- 1 Set the vehicle to normal level.
- 2 Switch on the ignition.
- 3 Press the rocker switch forwards for 5 - 10 seconds.

- i** The following message is displayed on the multifunction display of the instrument panel: "Control switched off".



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2 Detach original front panel/TECHART Magnum front spoiler

i Also refer to Porsche Cayenne operating manual.

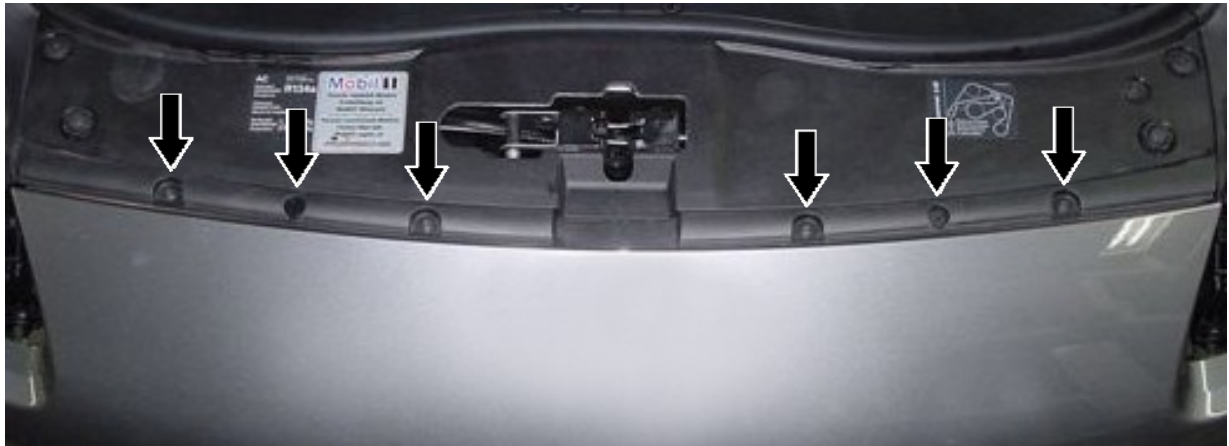


Fig. 03

- 1 Open engine hood.
- 2 Remove main headlamps.
- 3 Remove upper mounting bolts.
- 4 Using a screwdriver, lever out the plugs upwards and remove (see arrows).

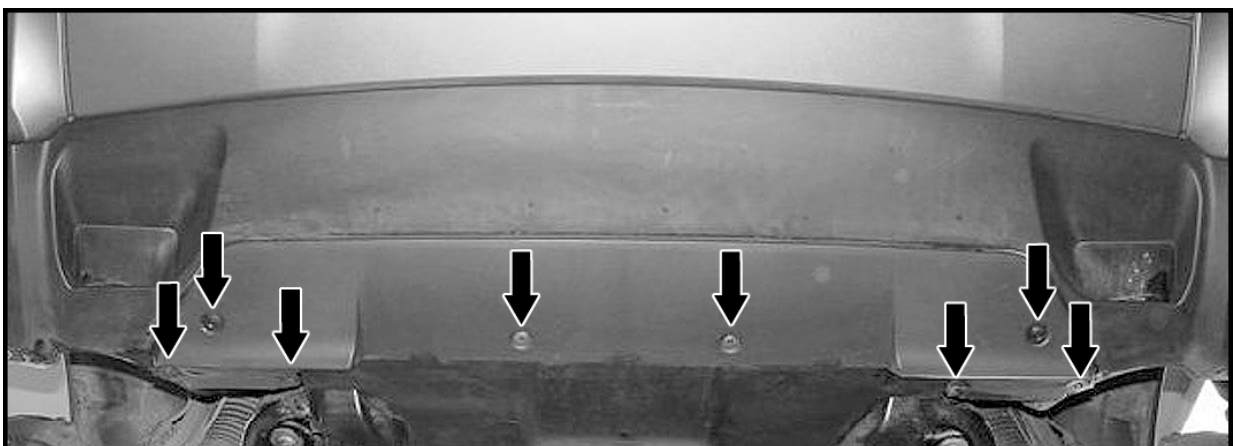


Fig. 04

- 5 Remove mounting bolts (8 bolts) from splash guard underneath vehicle (see arrows).

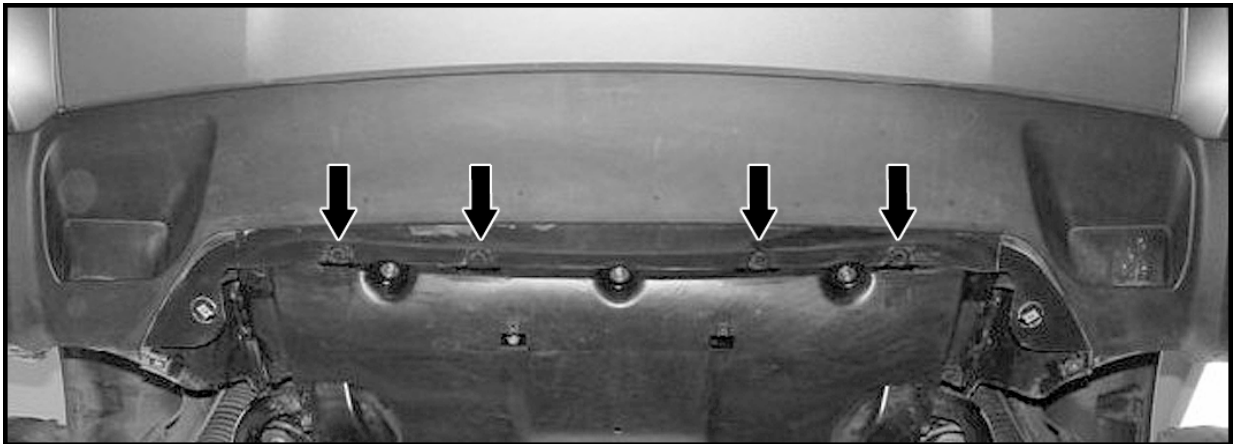


Fig. 05

- 6 Remove mounting bolts (4 bolts) from front skirt from below (see arrows).
- 7 Remove trim on inside of wheel well.

- 8 Remove mounting bolts (1) (2 bolts on each side) from wheel well.
- 9 Disconnect electrical connector (4) and water hose (2) in right wheel well.

i Water may run out when the water hose is disconnected. Collect the water in a suitable receptacle.

- 10 Detach lamp sockets (3) for left and right side turn signal lamps.

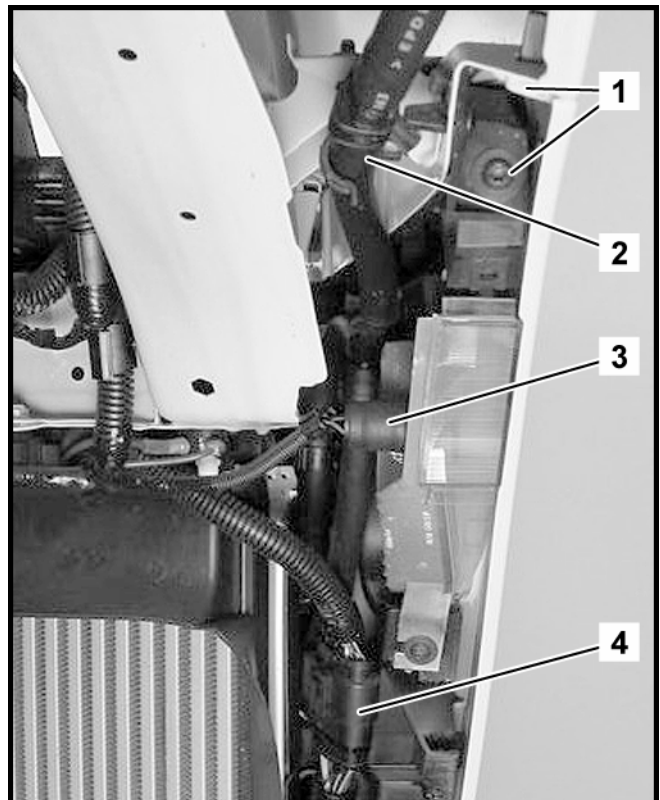


Fig. 06



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- 11 Unclip original front panel (5) from headlamp cutout and remove to the front (see arrow).
- 12 Remove front indicators turbo from original front panel/TECHART Magnum front spoiler.

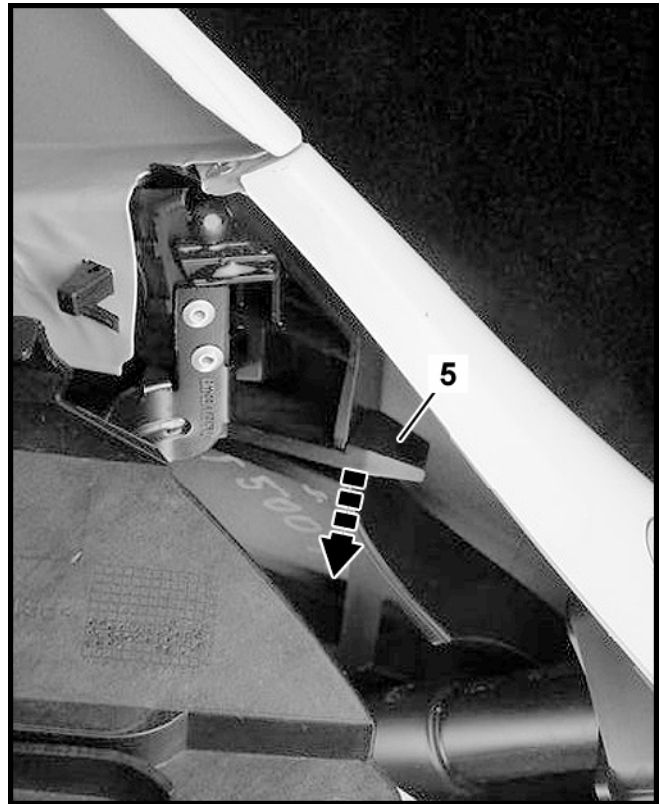


Fig. 07



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3 Assembly of TECHART multifunctional daytime running lights

3.1 Assembly of TECHART combination lamp

i If necessary, modify the original front panel/Magnum front spoiler in the area of the lamps. Take care not to damage the paint.

- 1 Insert TECHART combination lamp 055.180.12_.10_ (6) in the original original front panel /TECHART Magnum front spoiler.
- 2 Bolt TECHART bracket (7) from bracket set 055.180.120.20_ to TECHART combination lamp (6) using bolts M6x8.
- 3 Bolt TECHART bracket (7) to original front panel /TECHART Magnum front spoiler.

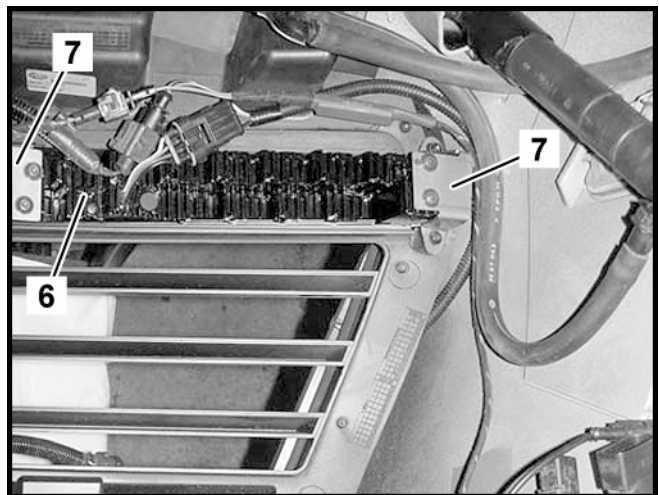


Fig. 06

3.2 Assembly of TECHART control unit

Original front panel

- 1 Position TECHART control unit 000.180.120.200 (8) on front fog lamp bracket (9) and mark the mounting holes (see circles).
- 2 Remove original front fog lamp bracket (9) (4 bolts per side, see arrows).
- 3 Drill the marked holes to $d=5.5$ mm.
- 4 Bolt TECHART control unit (8) with bolts M5x30, self-locking nuts M5 and body washers M5x15 to front fog lamp bracket (9).
- 5 Reinstall front fog lamp bracket (9).

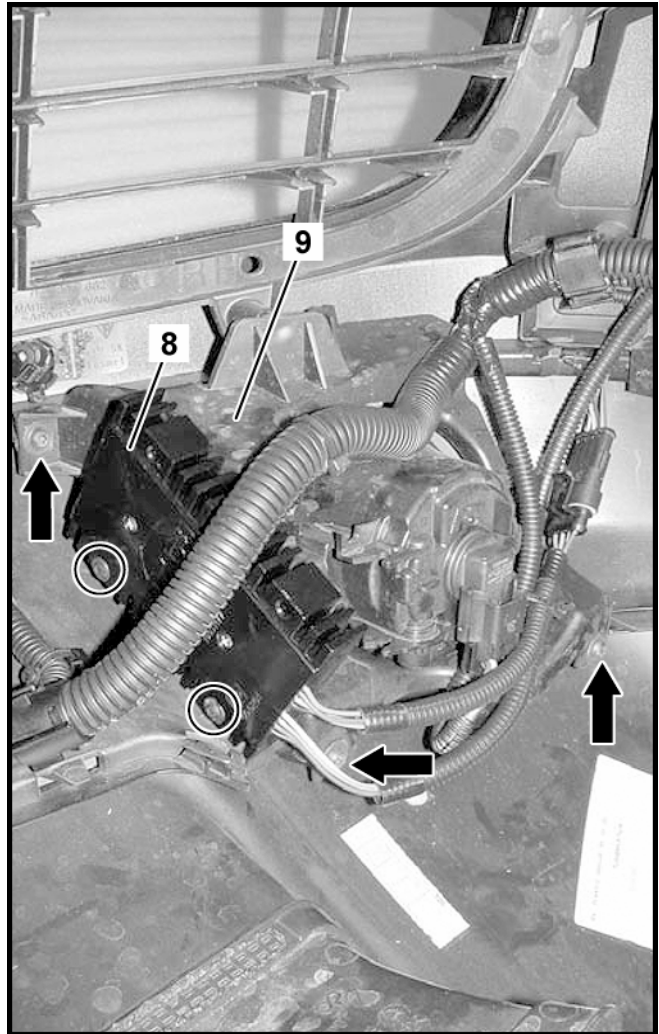


Fig. 07



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Original front panel with TECHART front spoiler I

- 1 Attach TECHART control unit 000.180.120.200 (8) with bolts M5x30, self-locking nuts M5 and body washers M5x15 to the tabs (10) of the metal TECHART lamp unit bracket (11).
- 2 If there are no tabs with bores on the metal TECHART lamp unit bracket (11), mark the bore positions and drill to $d = 5.5 \text{ mm}$.

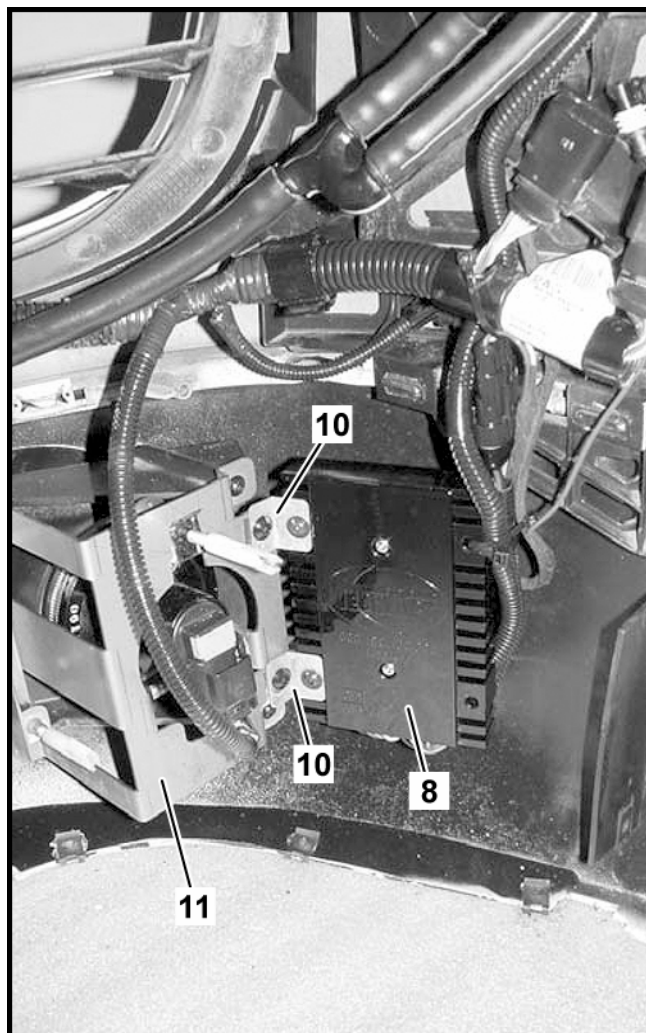


Fig. 08



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Original front panel with TECHART Magnum

- 1 Attach TECHART control unit 000.180.120.200 (8) with bolts M5x30, self-locking nuts M5 and body washers M5x15 to the metal TECHART lamp unit bracket (11).
- 2 If there are no bores in the metal TECHART lamp unit bracket (11), mark the bore positions and drill to $d = 5.5 \text{ mm}$ (see arrows).

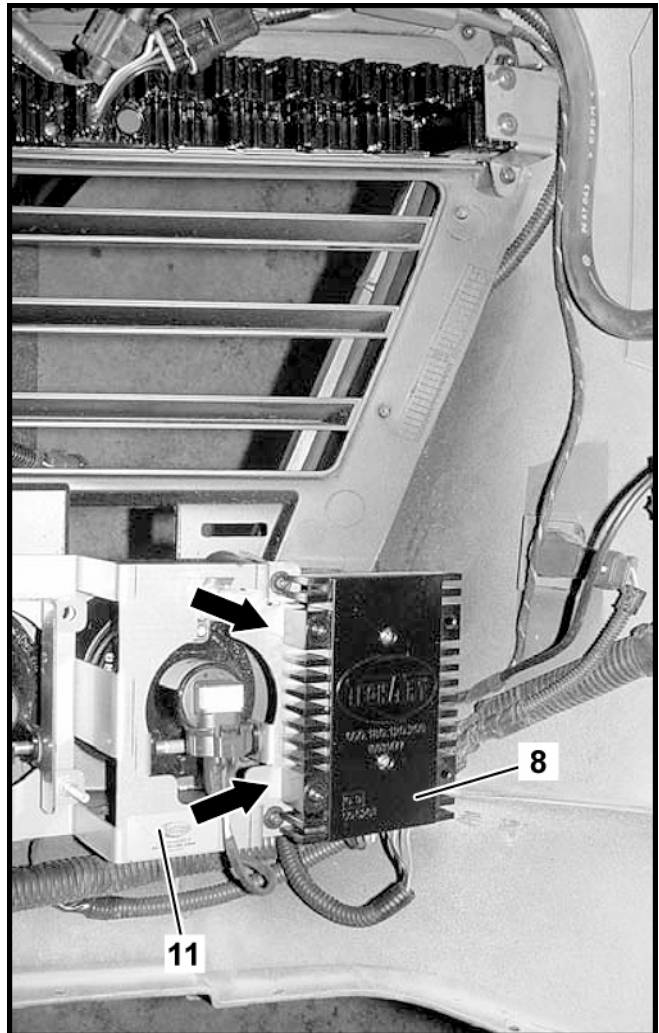


Fig. 09



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3.3 Installing TECHART wiring harness



Switch off the ignition and disconnect the battery when working on the vehicle electrical/electronics systems.

After crimping, heat up all crimp connectors using a hot air gun so that they form a watertight seal.

- 1 Modify headlamp cable on vehicle with TECHART cable incl. fuse holder.

On the headlamp combination connector in the fender:

- Cut off the cable from pin 7 (black/blue) 20 mm behind the connector.
- Strip both ends.
- Strip the red cable from TECHART wiring harness 055.180.120.500 at the open end.
- Connect the cables using the watertight crimp connectors and suitable crimping pliers.
- Route the cable behind the headlamp mounting console into the wheel well. Position the fuse holder so that it is accessible from the engine compartment.



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- 2 Route the TECHART wiring harness (12) into the original front panel /TECHART Magnum front spoiler and connect it to the electrical system.
- 3 Route the single connector (13) towards the side turn signal lamp.
- 4 Secure the TECHART wiring harness (12) using cable ties 000.590.502.221.

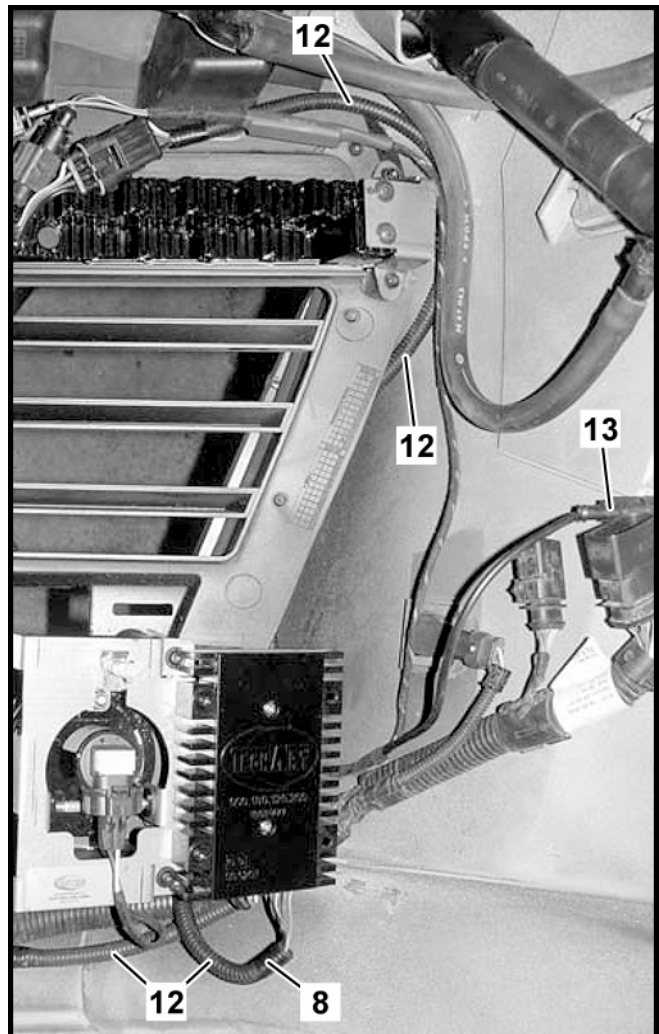


Fig. 10



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3.4 Installing original front panel /TECHART Magnum front spoiler

- 1 Slide the entire skirt into the original guides on the vehicle and screw to the original attachment points.
- 2 In the right wheel arch, connect the electrical connector and water hose for the headlamp cleaning system.
- 3 Connect the TECHART wiring harness in the left and right wheel arches.
- 4 Bolt wheel well liners back on.
- 5 Connect the high beam lamps.

i When aligning the original front panel/TECHART Magnum front spoiler, pay attention to the gap widths.

4 Perform final work on vehicle

4.1 Finishing touches

Switch on level control

- 1 Switch on the ignition.
- 2 Press the rocker switch forwards for 5 - 10 seconds.

i The following message is displayed on the multifunction display of the instrument panel: "Control switched on".

4.2 Final check

- 1 Perform a general function check on vehicle.

i Read out all of the fault memories of the individual vehicle components using the PIWIS Porsche system tester, erase any fault messages displayed and/or rectify faults.



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TECHART Multifunctional Daytime Running Lights



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