

PLEASE
READ BEFORE
STARTING
INSTALLATION!

RACE CHIP

Download
the new
RaceChip+ app



bit.ly/RCplus-iOS



bit.ly/RCplus-android



+



APP-CONTROL



User Manual

MB G-Class (W463) G 500

Contents

1 Scope of delivery	A
2 Overview of the RaceChip	B
3 Installation	C
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Overview and explanation of symbols



Warnings and important information – **please read!**

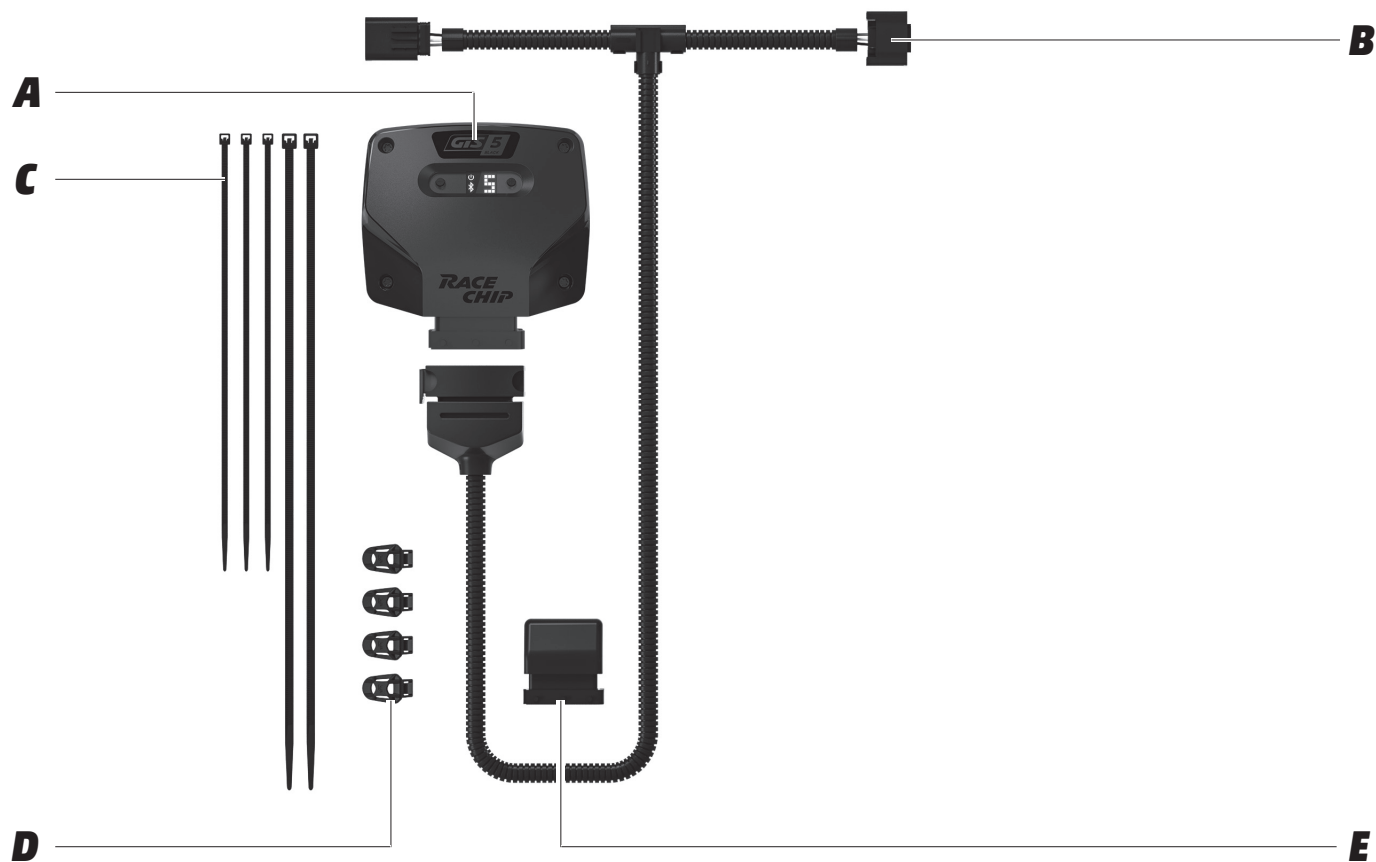


General information on installation and use



Tips to assist installation and use

1 Scope of delivery



A **RaceChip GTS 5 Black**
calibrated specifically for your
vehicle ⁽¹⁾

E **Deactivation plug**
returns your engine to stock tune

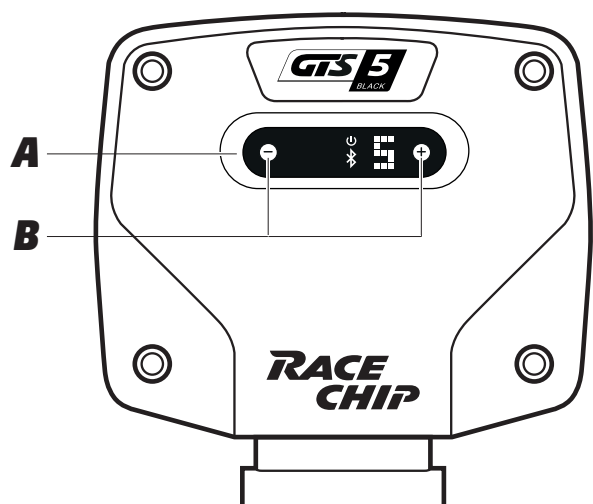
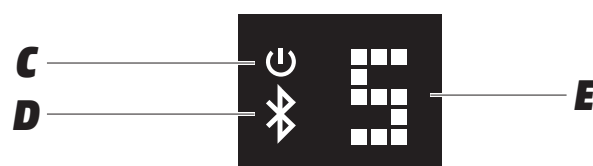
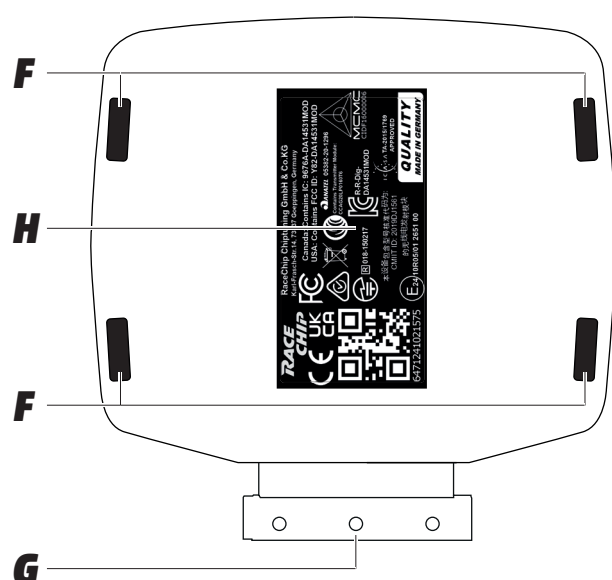
B **Wiring harness**
automobile-grade, compatible
with your vehicle ⁽¹⁾

C **Cable ties**
2 x long cable ties
3 x short cable ties

D **Fixing system Pro**
4 x 360° fixing clips

⁽¹⁾ Picture may differ from delivered product.

2 Overview of the RaceChip



A Digital User Interface for controlling the RaceChip.

B +/- buttons for changing the tuning stages (see **Operation**)

C Power ON light; lights only when the vehicle ignition is on and power is being supplied to the RaceChip.

D Bluetooth indicator: lights only when the vehicle ignition is on and the Bluetooth connection is active.

E Display showing tuning stage selected (see **Operation**).

F Slot for 360° fixing clips.

G FCI plug for connecting to the vehicle's wiring.

H Product label contains:

- Serial number
- QR code

3 Installation

Schritt 1 von 11 – Vorbereitung der Installation



Lassen Sie bitte vor dem Einbau des RaceChip den Motor abkühlen. Es besteht sonst gegebenenfalls Verbrennungsgefahr.

1

Öffnen Sie die Motorhaube Ihres Fahrzeugs und verriegeln Sie die Türen.

2

Warten Sie ca. 15 min bevor Sie mit **Schritt 2** fortfahren, da sich alle Stromverbraucher ausschalten müssen.



In der Regel benötigen Sie für den Einbau kein spezielles Werkzeug. Falls doch, dann verdeutlichen wir dies am jeweiligen Installationsschritt auf den Folgeseiten. Ein Seitenschneider ist meist hilfreich, um Reste der Kabelbinder nach der Installation zu entfernen.

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- Bei **Keyless Go** zu beachten: Schlüssel nach dem Verriegeln außerhalb der Funkreichweite (ca. 10 m vom Auto) platzieren.
- Bei einer Alarmanlage zu beachten: Alarmanlage vor dem Einbau deaktivieren.
- Es kann sein, dass sich Ihr Auto bei geöffneter Motorhaube **nicht komplett verriegeln lässt** und dadurch die Stromverbraucher aktiv bleiben. Drücken Sie in einem solchen Fall den Schließer der Motorhaube in die Aufnahme und verriegeln Sie Ihr Auto erneut und warten ca. 15 min. Lösen Sie in einem solchen Fall vor dem Schließen der Motorhaube nach dem Einbau einmal den Motorhaubenöffner.
- Sollten im Laufe der Installation Fragen oder Probleme auftauchen, so finden Sie unter **Fehlerbehebung** erste Hilfestellungen.
- Natürlich steht Ihnen auch unser Kundenservice stets gerne zur Seite. Mehr unter **Kontakt Daten**.

3 Installation

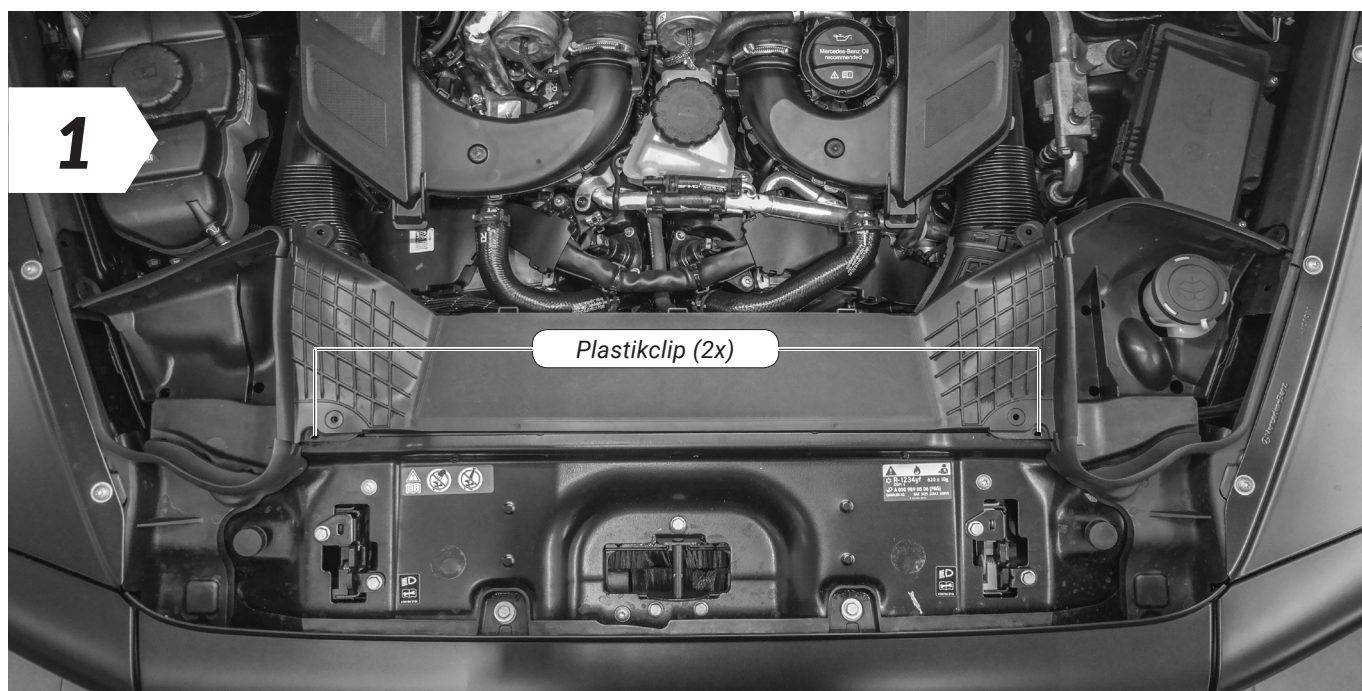
Schritt 2 von 11 – Motorabdeckung entfernen



- Ziehen Sie die Motorabdeckung aus den Halteclips und legen Sie diese beiseite. Teilweise müssen Sie leicht an der Abdeckung wackeln, damit diese gelöst werden kann.

3 Installation

Schritt 3 von 11 – Bauteile demontieren

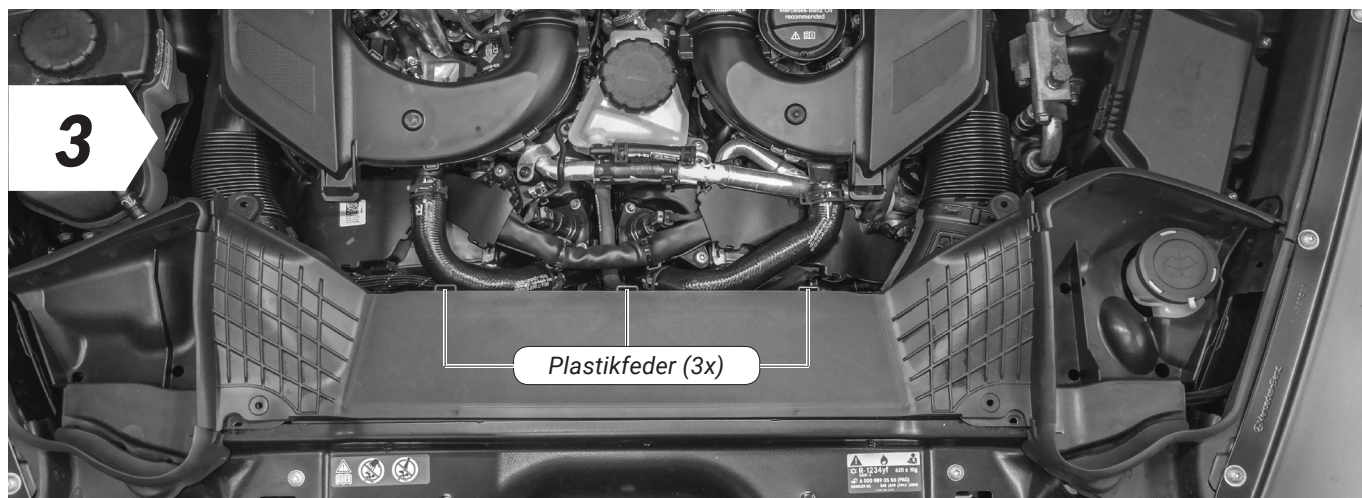


- Entfernen Sie zunächst die obere Plastikabdeckung am Schlossträger.



- Dazu lösen Sie die zwei Plastikclips.

3 Installation

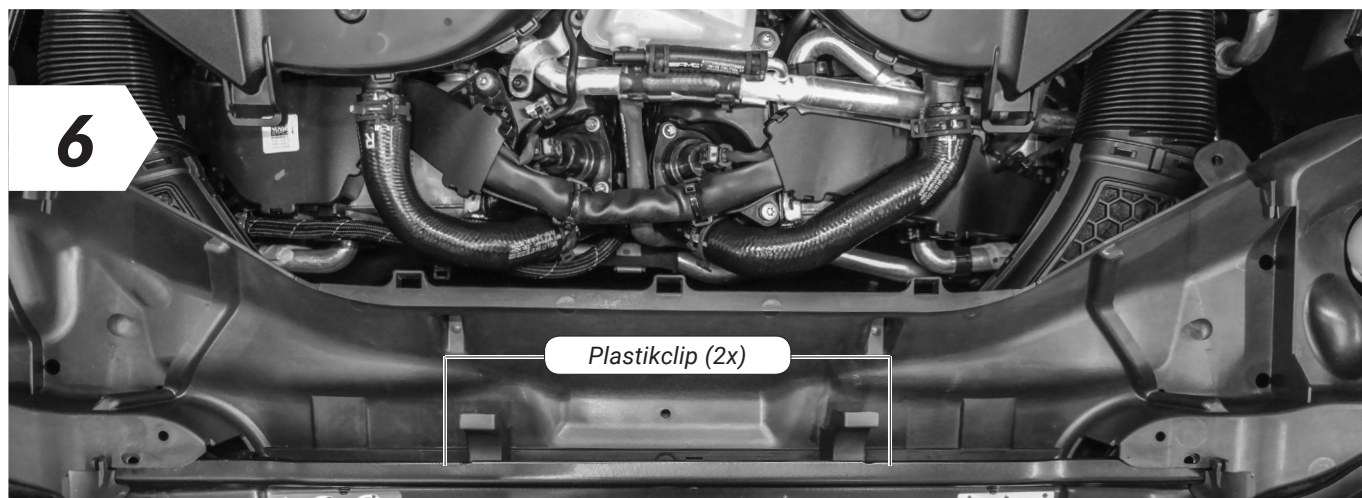


- Lösen Sie nun die obere Plastikabdeckung, indem Sie die drei Plastikfedern nach oben drücken.



- Heben Sie die Plastikabdeckung an und legen diese beiseite.

3 Installation



- Lösen Sie die zwei Plastikclips der unteren Plastikabdeckung.

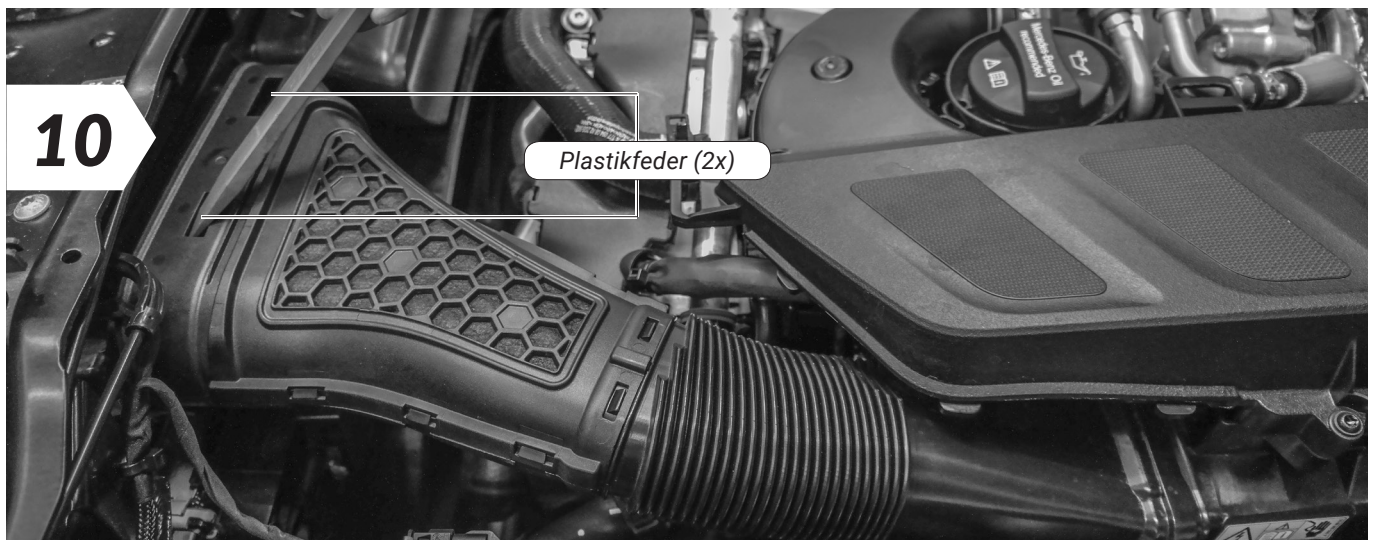


- Lösen die Gummidichtung der Plastikabdeckung. Dasselbe gilt auch auf der Beifahrerseite.

3 Installation



- Heben Sie die untere Plastikabdeckung an und legen diese beiseite.



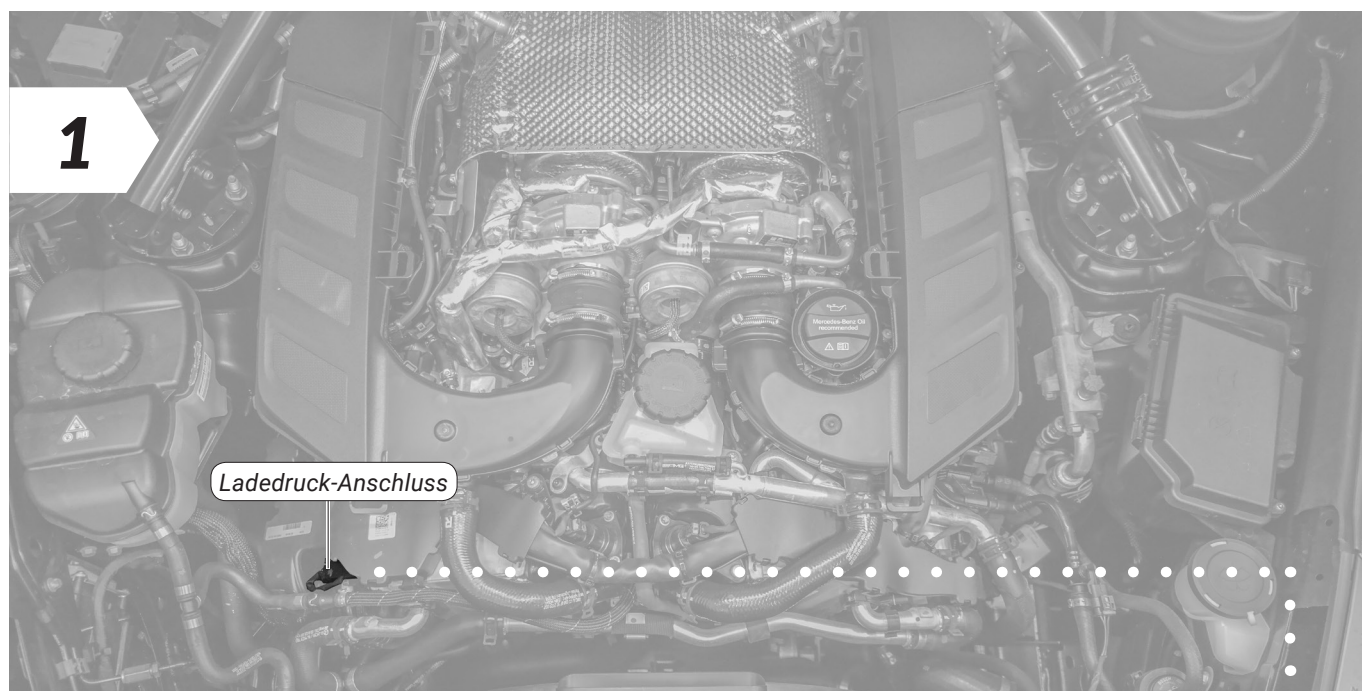
- Lösen Sie die Plastikfedern der Luftführung zum Luftfilterkasten. Dasselbe gilt für die Luftführung auf der Beifahrerseite.



- Ziehen Sie die Luftführungen aus den Luftfilterkästen ab und legen Sie diese beiseite. Teilweise müssen Sie leicht an der Luftführung wackeln, damit diese gelöst werden kann.

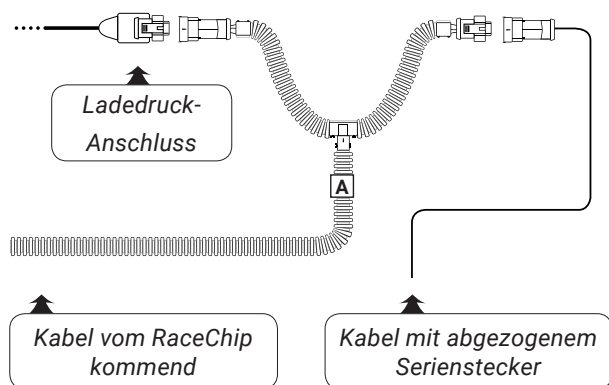
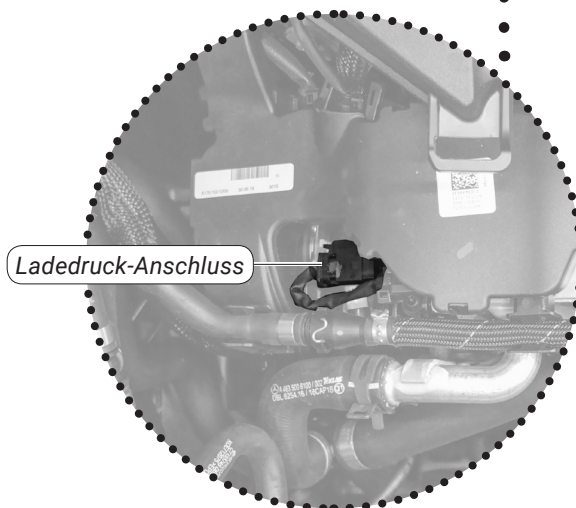
3 Installation

Schritt 4 von 11 – Anschluss am Ladedruck (links)



- Lokalisieren Sie den Ladedruck-Anschluss in Ihrem Motorraum.

Schematische Darstellung



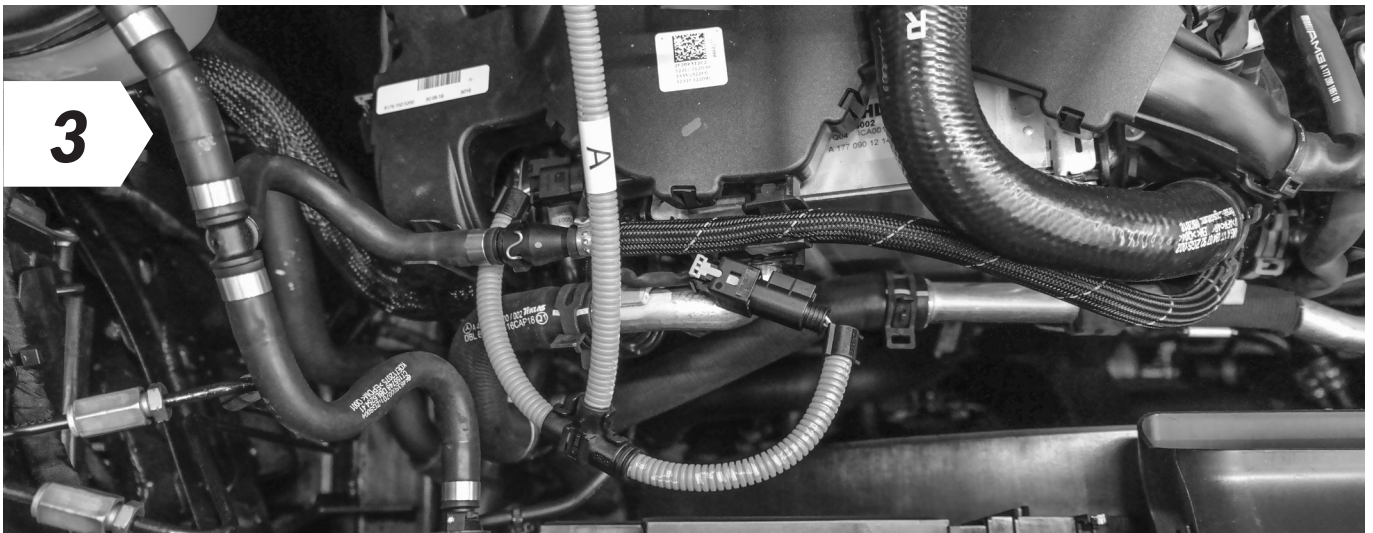
3 Installation



- Lösen Sie den Stecker vom linken Ladedruck-Anschluss.



Hilfe beim Lösen des Steckers vom Ladedruck-Anschluss finden Sie auf dem beiliegenden Blatt **Stecker richtig lösen**.



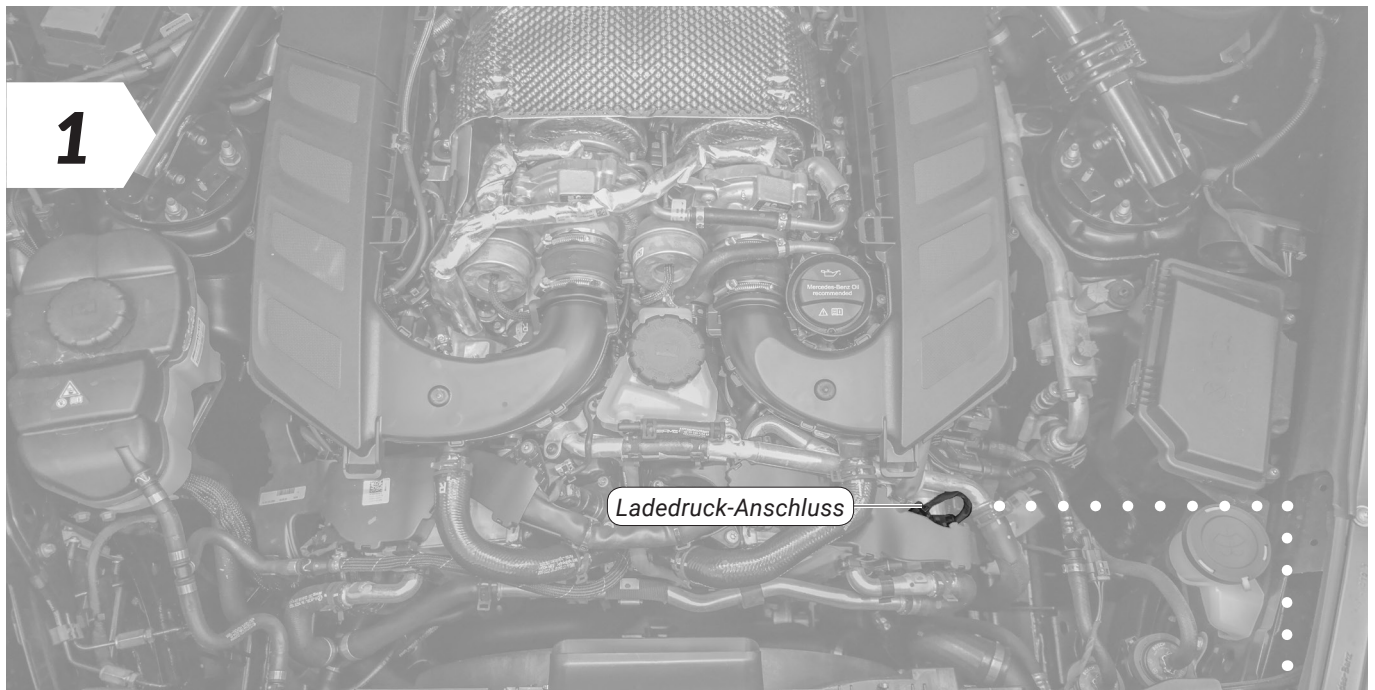
- Verbinden Sie nun zum einen den mit „A“ markierten Teil des RaceChip Kabelbaums mit dem abgezogenen Serienstecker und zum anderen mit der Buchse Ihres Fahrzeugs.



Stellen Sie sicher, dass der Sicherheitsclip des Steckers wieder einrastet. Es ist durch ein deutliches KLICKEN zu hören.

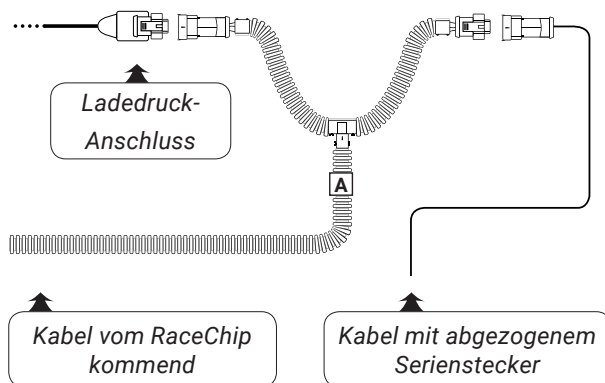
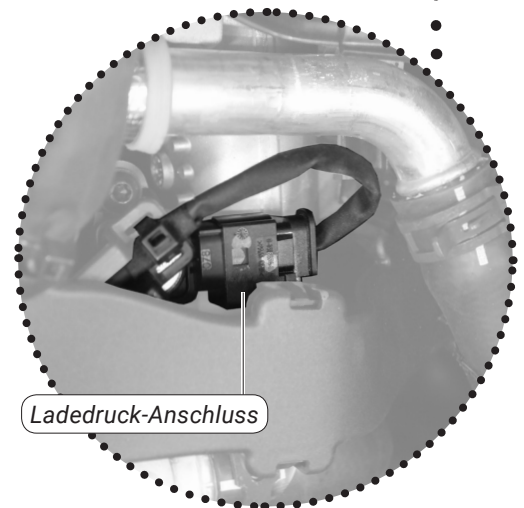
3 Installation

Schritt 5 von 11 – Anschluss am Ladedruck (rechts)



- Nachdem der Anschluss am linken Ladedruck abgeschlossen ist, folgt nun der Anschluss am rechten Ladedruck-Anschluss.

Schematische Darstellung



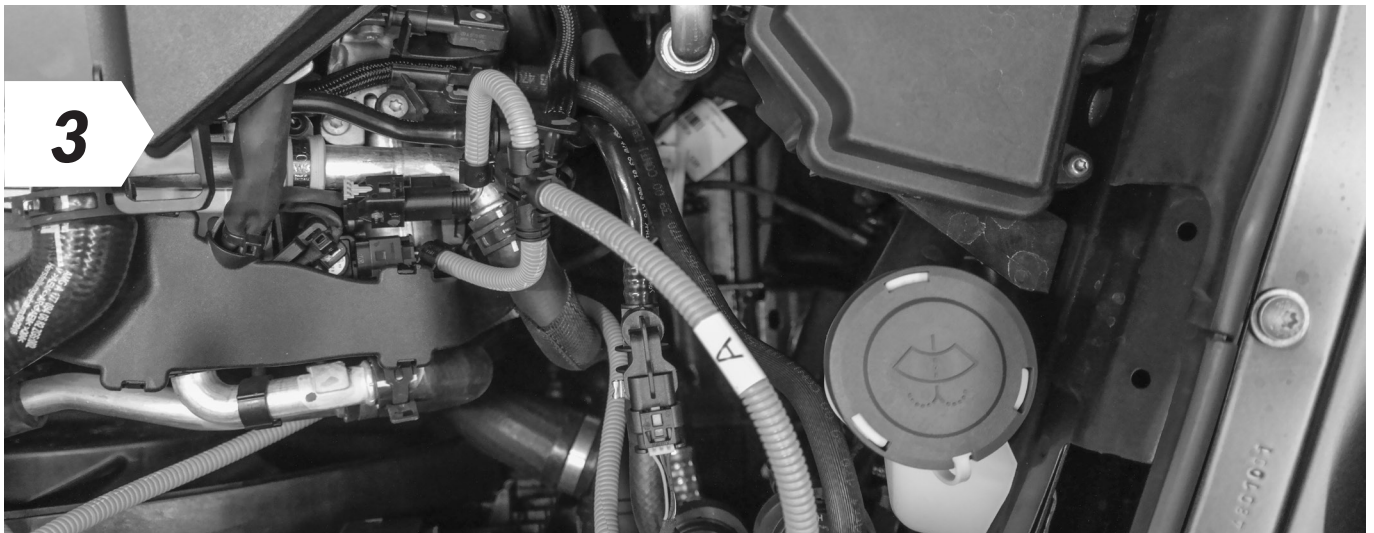
3 Installation



- Lösen Sie den Stecker vom rechten Ladedruck-Anschluss.



Hilfe beim Lösen des Steckers vom Ladedruck-Anschluss finden Sie auf dem beiliegenden Blatt **Stecker richtig lösen**.



- Verbinden Sie nun zum einen den mit „A“ markierten Teil des RaceChip Kabelbaums mit dem abgezogenen Serienstecker und zum anderen mit der Buchse Ihres Fahrzeugs.



Stellen Sie sicher, dass der Sicherheitsclip des Steckers wieder einrastet. Es ist durch ein deutliches KLICKEN zu hören.

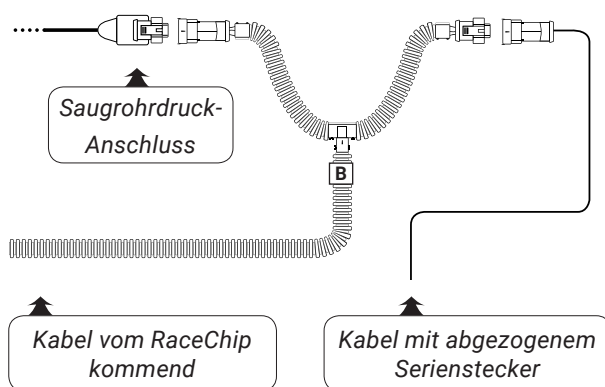
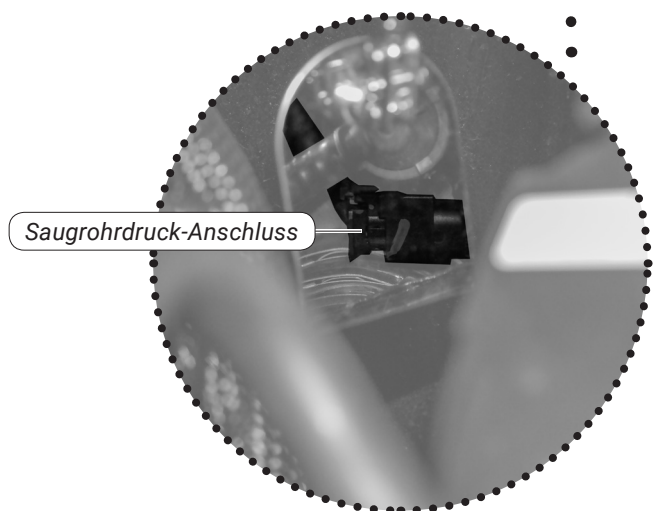
3 Installation

Schritt 6 von 11 – Anschluss am Saugrohrdruck (links)

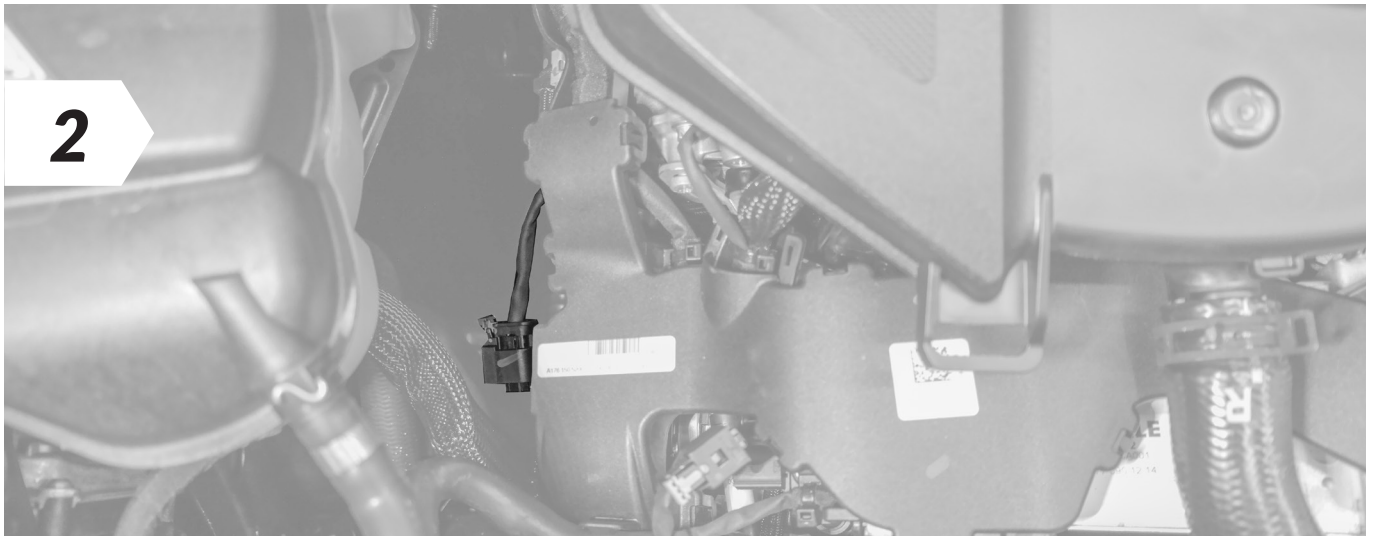


- Nachdem der Anschluss am Ladedruck abgeschlossen ist, folgt nun der Anschluss am linken Saugrohrdruck.

Schematische Darstellung



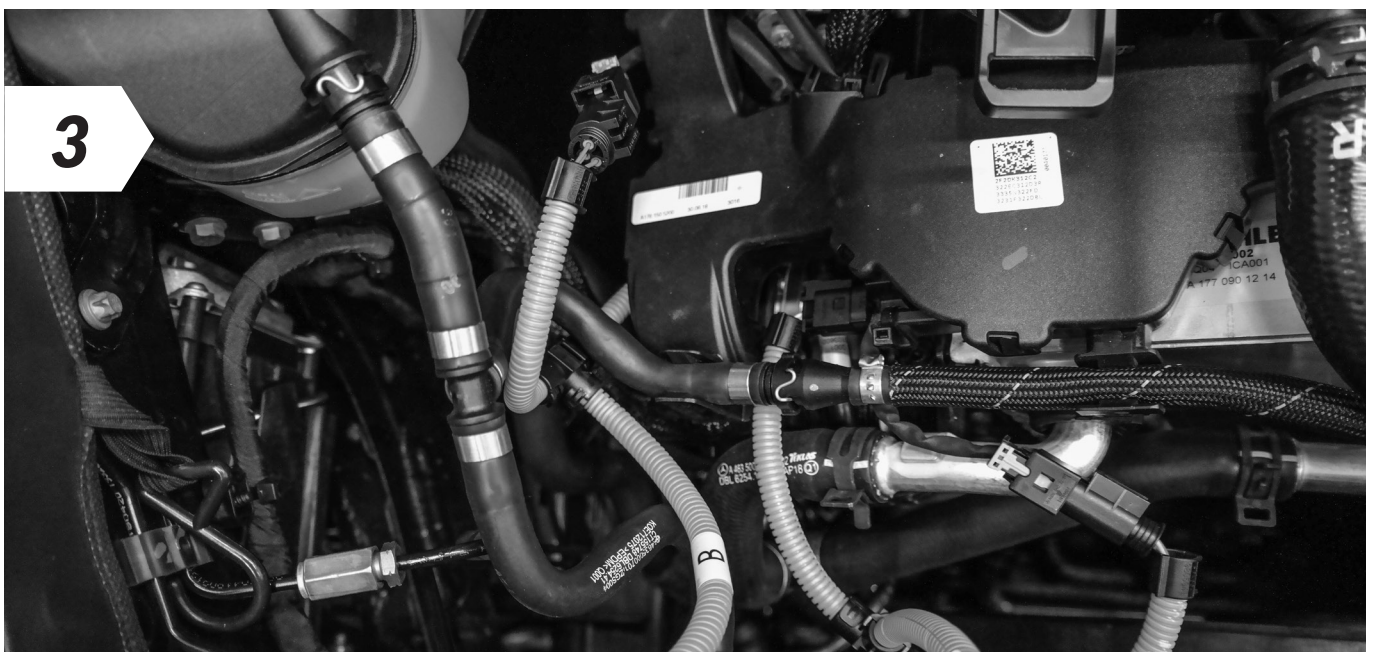
3 Installation



- Lösen Sie den Stecker vom linken Saugrohrdruck-Anschluss.



Hilfe beim Lösen des Steckers vom Saugrohrdruck-Anschluss finden Sie auf dem beiliegenden Blatt **Stecker richtig lösen**.



- Verbinden Sie nun zum einen den mit „B“ markierten Teil des RaceChip Kabelbaums mit dem abgezogenen Serienstecker und zum anderen mit der Buchse Ihres Fahrzeugs.



Stellen Sie sicher, dass der Sicherheitsclip des Steckers wieder einrastet. Es ist durch ein deutliches KLICKEN zu hören.

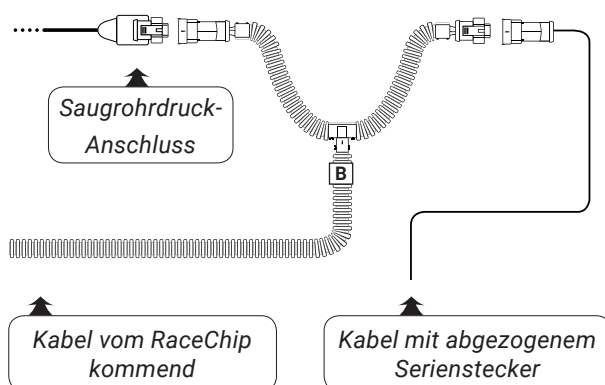
3 Installation

Schritt 7 von 11 – Anschluss am Saugrohrdruck (rechts)



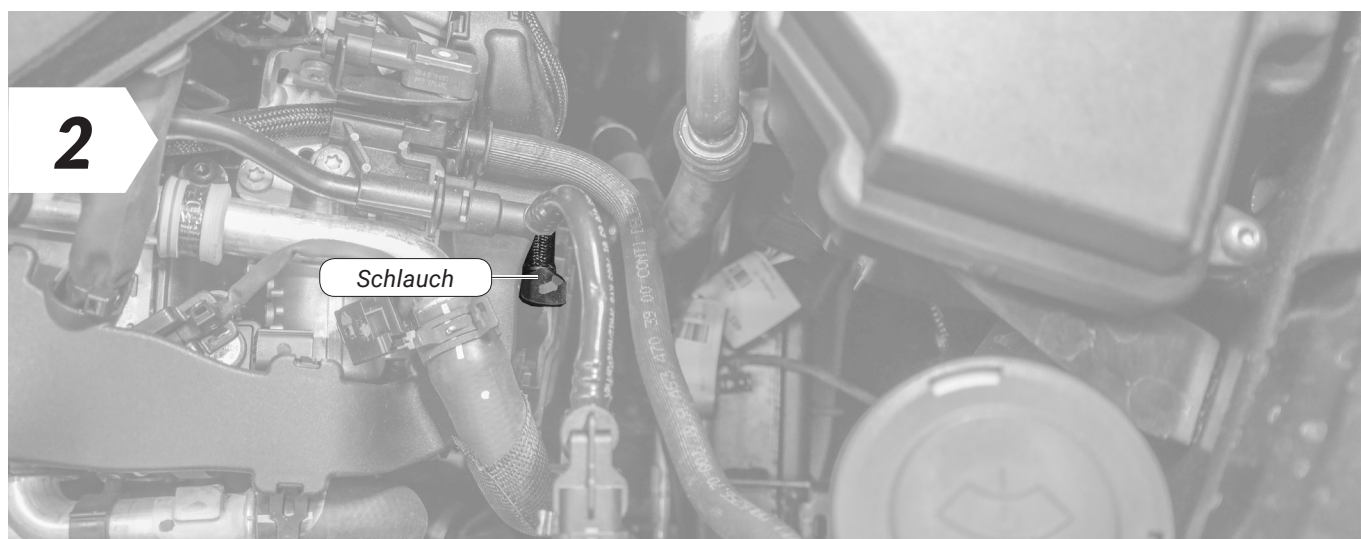
- Nachdem der Anschluss am linken Saugrohrdruck abgeschlossen ist, folgt nun der Anschluss am rechten Saugrohrdruck-Anschluss. Lokalisieren Sie den Anschluss im Motorraum.

Schematische Darstellung

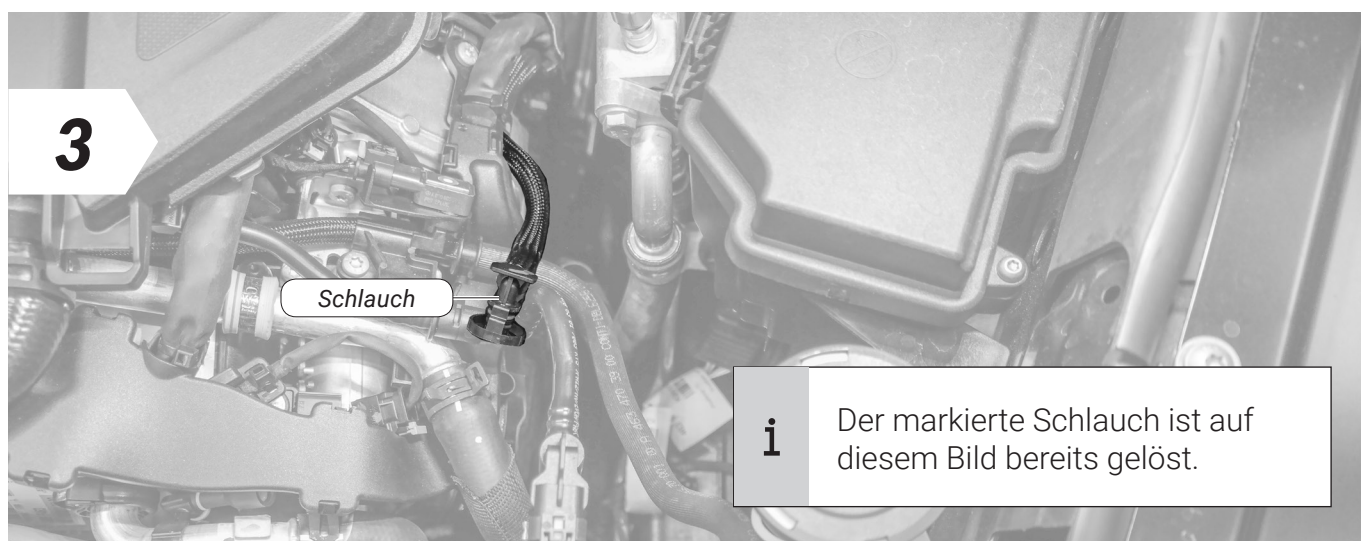


Die Detailansicht finden Sie auf der nächste Seite.

3 Installation

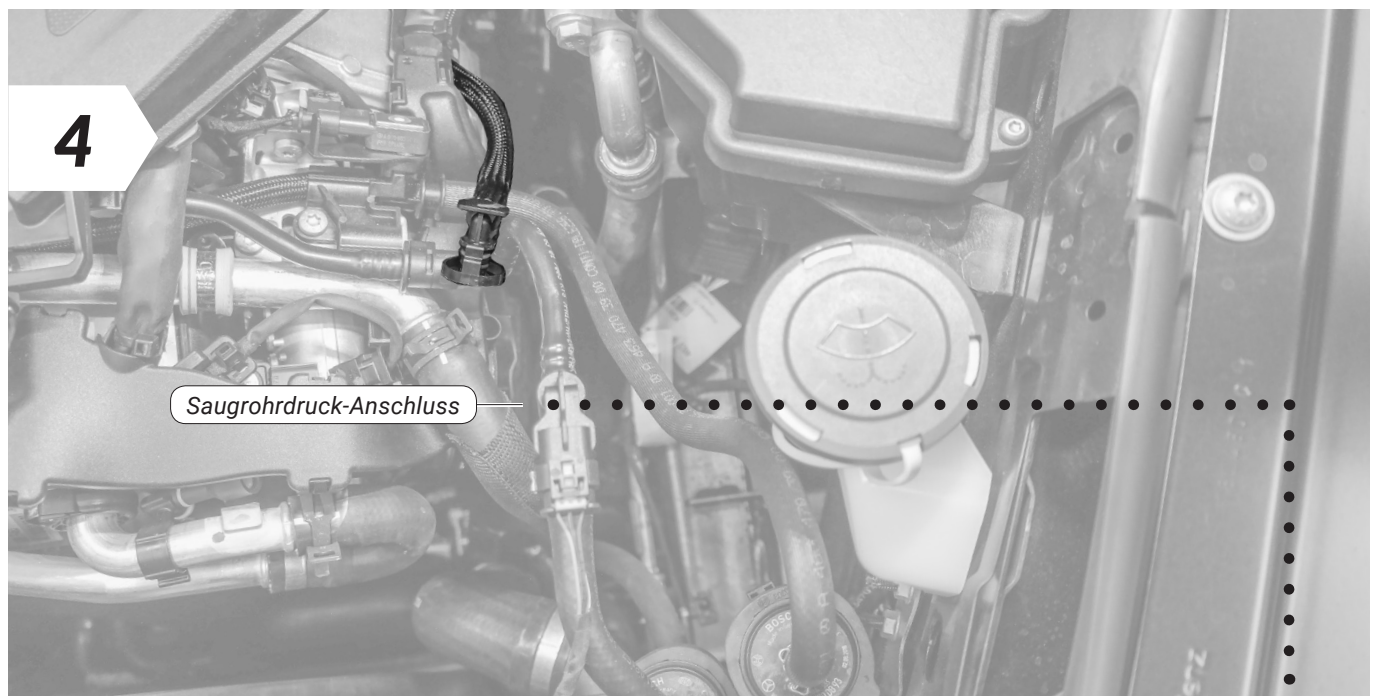
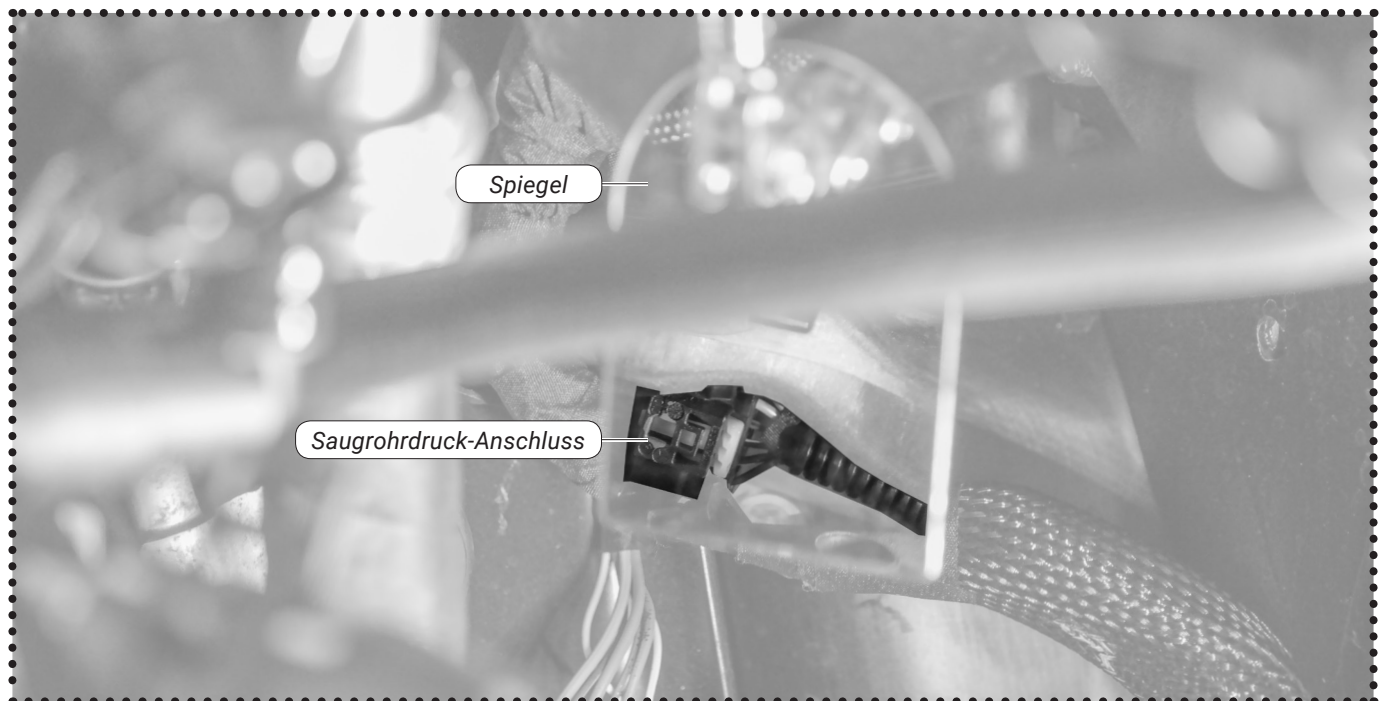


- Um leichter an den rechten Saugrohrdruck-Anschluss zu gelangen, empfehlen wir Ihnen den markierten Schlauch zu demontieren.



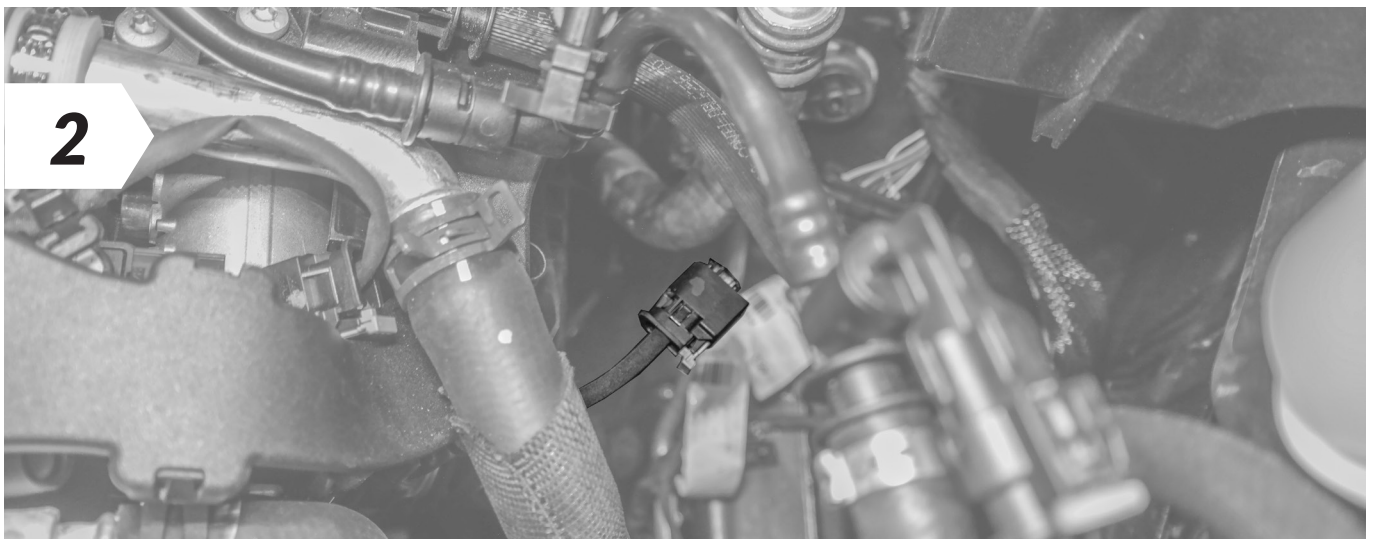
- Ziehen Sie den Schlauch leicht nach oben weg.

3 Installation



- Auf diesem Bild sehen Sie mit Hilfe eines Spiegels den Stecker des rechten Saugrohrdruck Anschlusses.

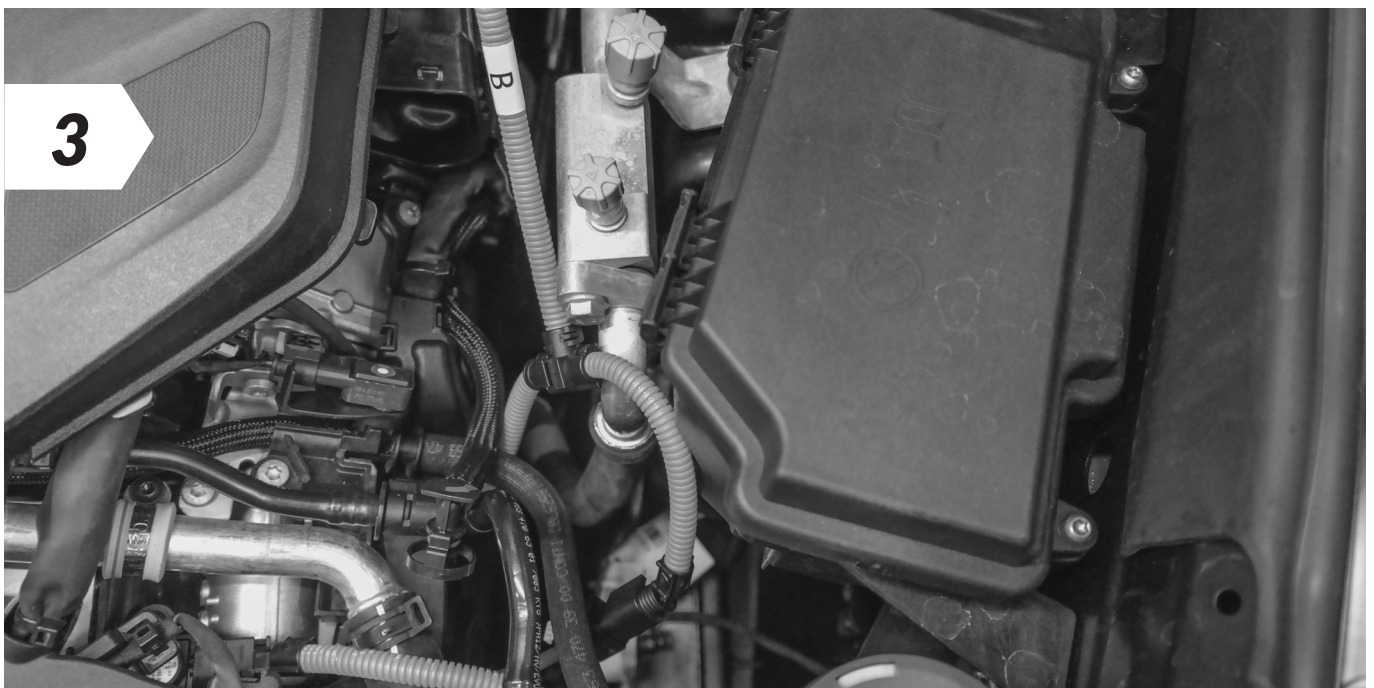
3 Installation



- Lösen Sie den Stecker vom rechten Saugrohrdruck-Anschluss.



Hilfe beim Lösen des Steckers vom Saugrohrdruck-Anschluss finden Sie auf dem beiliegenden Blatt **Stecker richtig lösen**.



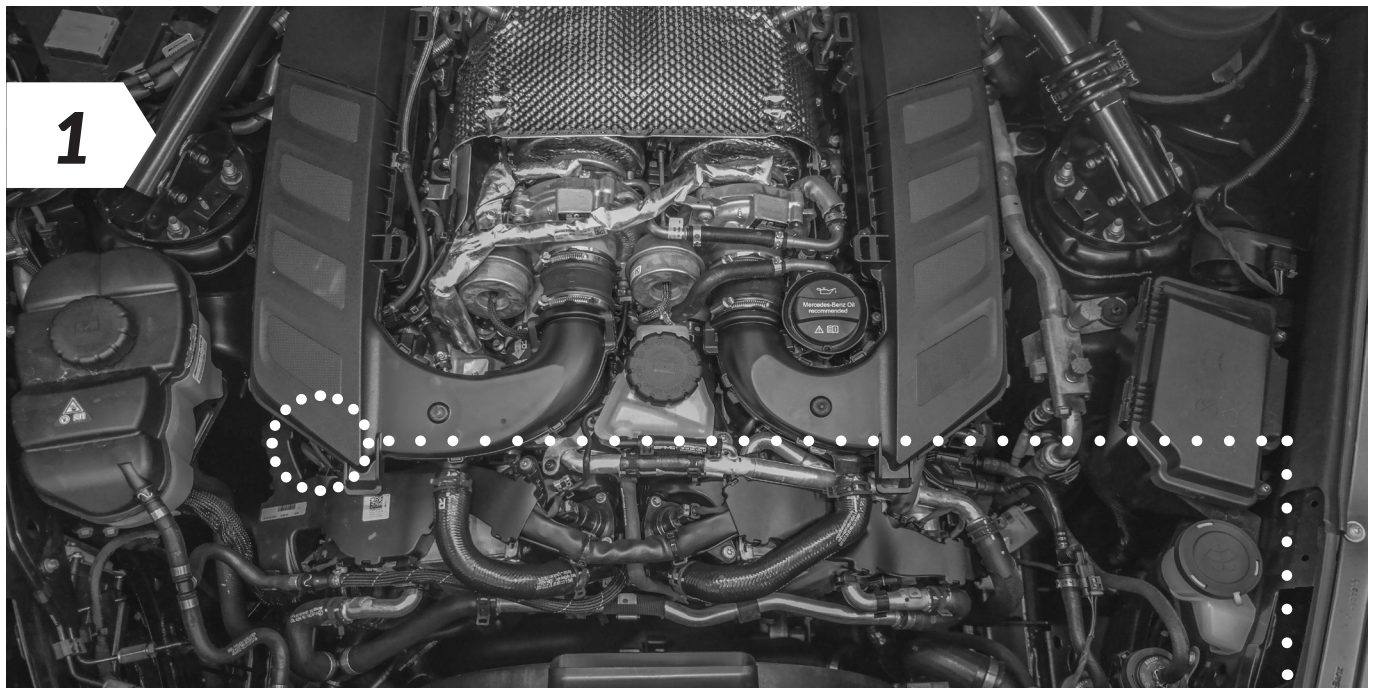
- Verbinden Sie nun zum einen den mit „**B**“ markierten Teil des RaceChip Kabelbaums mit dem abgezogenen Serienstecker und zum anderen mit der Buchse Ihres Fahrzeugs.



Stellen Sie sicher, dass der Sicherheitsclip des Steckers wieder einrastet. Es ist durch ein deutliches KLICKEN zu hören.

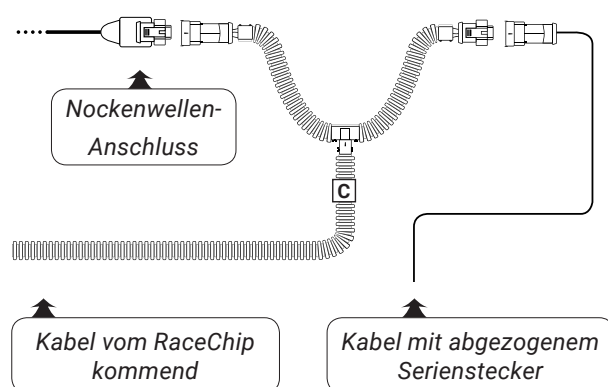
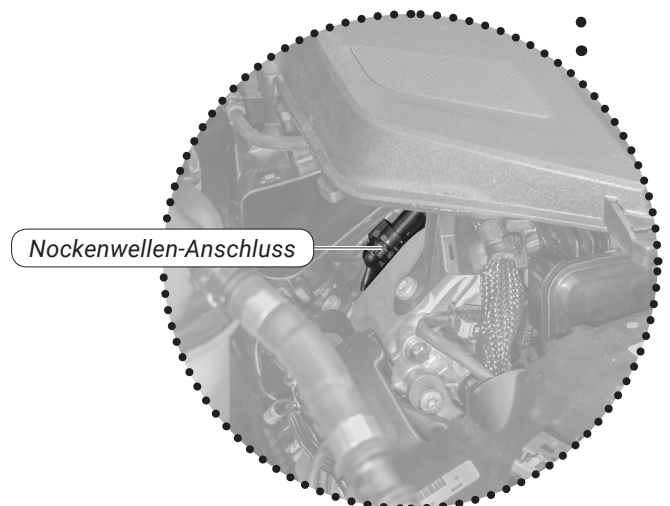
3 Installation

Schritt 8 von 11 – Anschluss an der Nockenwelle



- Nachdem der Anschluss am Saugrohrdruck abgeschlossen ist, folgt nun der Anschluss an der Nockenwelle.

Schematische Darstellung



3 Installation



- Lösen Sie den Stecker vom Nockenwellen-Anschluss.



Hilfe beim Lösen des Steckers vom Nockenwellen-Anschluss finden Sie auf dem beiliegenden Blatt **Stecker richtig lösen**.



- Verbinden Sie nun zum einen den mit „C“ markierten Teil des RaceChip Kabelbaums mit dem abgezogenen Serienstecker und zum anderen mit der Buchse Ihres Fahrzeugs.

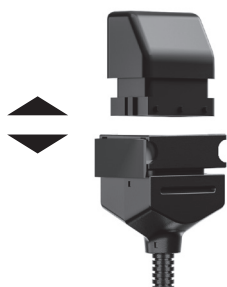


Stellen Sie sicher, dass der Sicherheitsclip des Steckers wieder einrastet. Es ist durch ein deutliches KLICKEN zu hören.

3 Installation

Schritt 9 von 11 – Anschluss des RaceChip und erster Funktionstest

1 Deaktivierungsstecker vom Kabelbaum abziehen



2 RaceChip am Kabelbaum anschließen



Abbildung kann abweichen

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- Leuchtet (  das Digital User Interface /   die LED grün) direkt beim Anschließen auf, so war bei der Installation noch Restspannung im System.
- Dies kann in manchen Fällen zu einer Fehlermeldung beim ersten Funktionstest führen. Eine Lösung finden Sie unter **Fehlerbehebung**.

3 Ersten Funktionstest durchführen

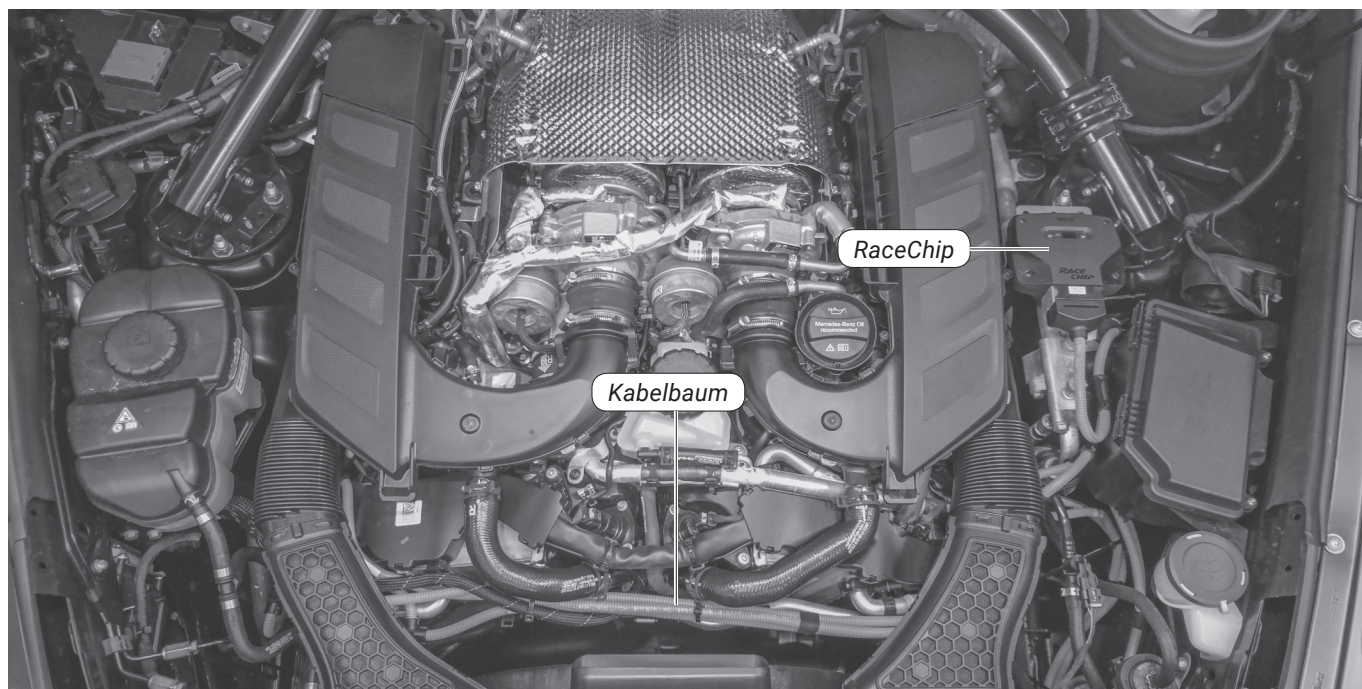
- Legen Sie RaceChip und Kabelbaum sicher im Motorraum ab. Befestigen Sie diese noch nicht.
- Schalten Sie die Zündung an. Motor noch **nicht** starten.
- Überprüfen Sie nun Folgendes:
 - Kontrollleuchten auf der Armaturentafel gehen wie gewohnt an und wieder aus.
 - Die Kontrollanzeige für Power ON Ihres RaceChip leuchtet (siehe **Der RaceChip im Überblick**).
- Trifft dies zu, dann starten Sie den Motor. Dieser sollte sich ganz normal starten lassen und im Leerlauf auf Gaspedalbefehle reagieren.
- Schalten Sie Motor und Zündung wieder aus.

i

- Lässt sich Ihr Auto nicht wie gewohnt starten, so finden Sie unter **Fehlerbehebung** erste Hilfestellungen.
- Natürlich steht Ihnen auch unser Kundenservice zur Seite. Mehr unter **Kontaktdaten**.

3 Installation

Schritt 10 von 11 – RaceChip und Kabelbaum befestigen



- Achten Sie bei der Suche nach einem sicheren Befestigungspunkt für den RaceChip darauf, dass sich auch der Kabelbaum gut im Motorraum verlegen und befestigen lässt und ohne starken Zug.

- Befestigen Sie den RaceChip mit Hilfe der beigelegten 360° Befestigungsclips und der Kabelbinder, indem Sie diese durch die Befestigungsclips ziehen.
- Sollten Sie den RaceChip später einmal temporär ausbauen wollen, so müssen Sie nur die Befestigungsclips lösen und keinen Kabelbinder durchtrennen.

1
* **KLICK** *

2

3

- Befestigen Sie den RaceChip mit Hilfe der beigelegten Kabelbinder, indem Sie diese durch die Befestigungsösen ziehen.

3 Installation



- Achten Sie bei der Auswahl des Befestigungspunktes auch darauf, dass der RaceChip vor Wasser, übermäßiger Hitze und Vibrationen geschützt ist.
- Verpacken Sie den RaceChip nicht in einer luftdichten Tüte, dadurch kann Schwitz- oder Kondenswasser entstehen.
- Führen Sie das Kabel nicht an Stellen im Fahrzeug entlang, die sich beim Betrieb übermäßig erhitzen können (z.B.: Abgassystem, Turbolader, etc.).
- Führen Sie das Kabel nicht an beweglichen Teilen entlang.
- Vermeiden Sie unbedingt die Befestigung des Kabels an Schläuchen (z.B.: Bremsschlauch), um ein eventuelles Aufscheuern zu vermeiden.
- **Bitte bringen Sie alle zuvor entfernen Bauteile wieder in umgekehrter Reihenfolge an.**

Schritt 11 von 11 – Abschluss der Installation im Motor



- Bitte bringen Sie die zuvor entfernte Motorabdeckung wieder auf Ihrem Motor an und schließen Sie die Motorhaube.
- Der Einbau im Motor ist jetzt abgeschlossen und Ihr RaceChip betriebsbereit (mit **App-Steuerung**: in der Leistungsstufe **Sport**).
- Führen Sie bitte eine Probefahrt durch. Sollten Sie Fragen haben, steht Ihnen unser Kundenservice gerne zur Verfügung (siehe **Kontakt**daten).

3 Installation

Last step – Pair RaceChip with your smartphone

According to your operating system (**Android** and **Apple**), the steps for connecting the RaceChip and your smartphone may vary. Please find the most important steps below. In general, you should follow the instructions given by your smartphone for the connection.

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- The connection between the RaceChip and your smartphone is set up in the last step of the installation process.
- The RaceChip is fully functional even if there is no connection to a smartphone running the RaceChip app.
- The RaceChip is now in the factory setting **SPORT**.

1

Download the free **RaceChip+** app.



2

Switch on the ignition of your car. **Do not** start the engine.

3

Activate the Bluetooth function of your smartphone.



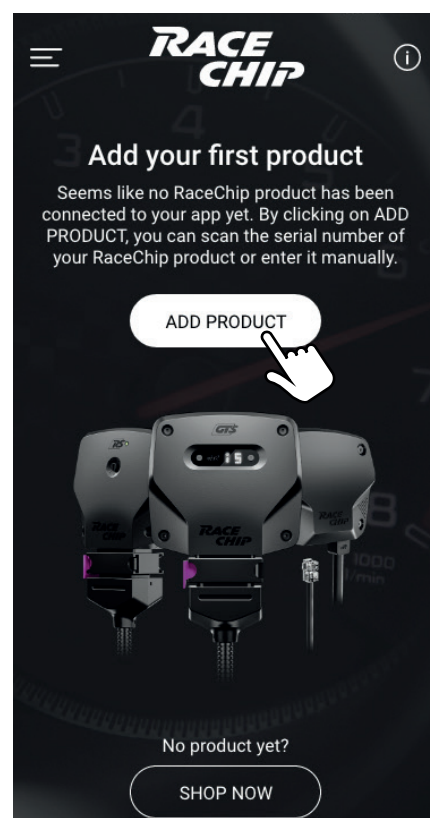
4

Open the RaceChip+ app.



5

With opening the RaceChip+ app for the first time, the installation dialogue for chip tuning by RaceChip is shown. Touch **ADD PRODUCT** and follow the instructions given by your smartphone.



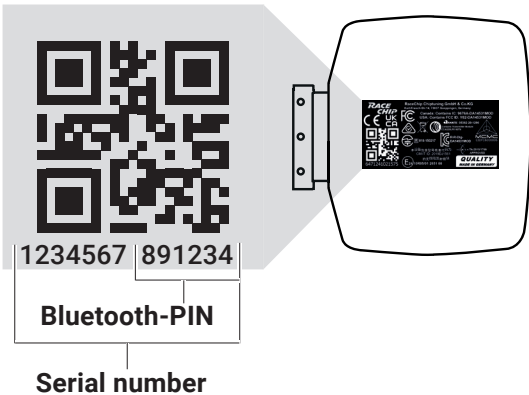
3 Installation

- 6** You can enter the serial number by hand (touch **MANUALLY**) or with the barcode/qr code scanner of the camera . Confirm the entry with **NEXT**.

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The 13-digit serial number or the QR code can be found on the back of the RaceChip housing. The Bluetooth PIN consists of the last 6 digits of the serial number.

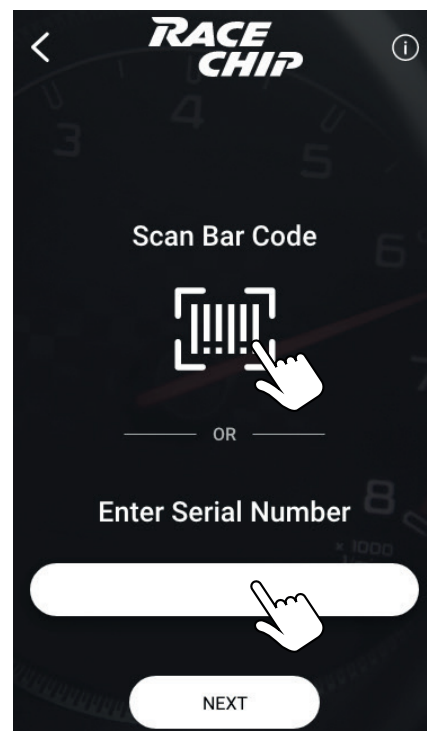
Example:



1234567 891234

Bluetooth-PIN

Serial number



Having trouble with connecting RaceChip XLR and your phone's Bluetooth?

Follow these steps one by one until the pairing is complete:

- 💡**
1. Check that the car's ignition is switched on.
 2. Check that the Bluetooth function on your smartphone is fully activated.
 3. Check to see if the RaceChip's Bluetooth connection is active (see **Overview of the RaceChip**). If the Bluetooth symbol  is flashing or not lit, please contact our customer service.
 4. Deactivate and then re-activate the Bluetooth connection. Check if RaceChip and your phone will pair now.
 5. Re-start the RaceChip+ app.
 6. Go to your smartphone's settings and view all discoverable Bluetooth devices. If your RaceChip (**RC Black | RC GTS | RC RS**) is not visible, please contact our customer service.

- 7** As soon as the connection is set up, the installation is completed.

4 Operation

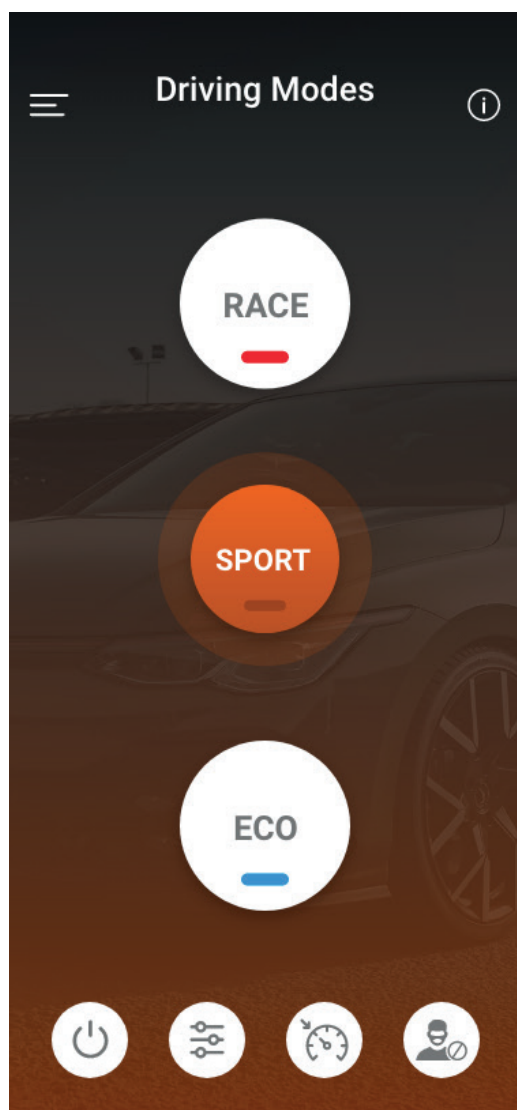
The RaceChip app – Selecting a tuning stage

Legal warning:



- **Traffic regulations in many countries make it illegal for drivers to have a smartphone in their hand while driving, or even when the engine is running.**

Open the RaceChip+ app. You can find the tuning stages offered by your RaceChip under the menu heading Tuning Stages. For safety reasons, you can select the tuning stage only when the car's ignition is on but the motor is not running.



ECO

Helps reduce consumption when used in combination with an economical driving style.

SPORT

Perfect for more enthusiastic driving.

RACE

Maximum power enhancement and performance.

STOCK TUNE

 Deactivates the RaceChip.

4 Operation

The RaceChip has been calibrated specifically for the engine in your car, and further adjustment is generally not necessary in order to get the best performance. However, performance tolerances or the condition of the engine sometimes mean that Fine tuning is needed after installing the RaceChip.

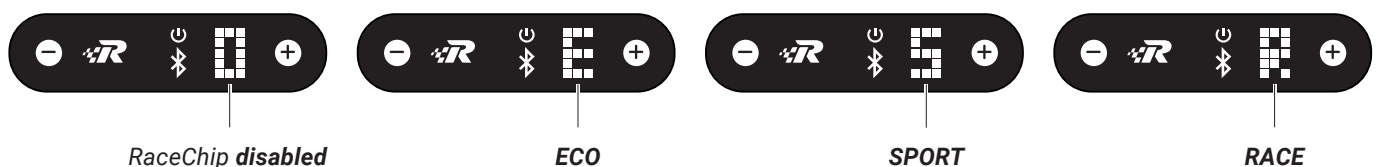
Engine runs roughly, or the extra performance is not detectable.



- The RaceChip app is connected with our server and can download settings specially for your car.
- Our Customer Service can also make adjustments to your RaceChip if your engine runs roughly or doesn't deliver its extra power noticeably enough.
- Please contact our Customer Service. We can adjust the settings on your RaceChip depending on the symptoms you describe.
- You can install updates onto your RaceChip yourself by going to the menu Settings and **searching for updates for your vehicle**.

The Digital User Interface – Selecting a tuning stage

The tuning stages **ECO**, **SPORT** and **RACE** can be selected via the Digital User Interface on the RaceChip itself as well as from the RaceChip+ app. You can also deactivate the RaceChip via the Digital User Interface.



The Digital User Interface and the RaceChip+ app sync automatically. If you select a different tuning stage on the app, the change is automatically transmitted to the Digital User Interface.

5 Trouble Shooting

If the RaceChip does not function as it should, you can find some initial assistance here. If the suggestions here do not solve the problem, please contact our Customer Service (see **Contact**).

Description of problem	What to do
No extra performance or performance not noticeable enough I am not satisfied with the performance level of my vehicle.	<ul style="list-style-type: none">• The RaceChip App is connected to our server and can download settings specially for your car.• This means that our Customer Service can update your RaceChip's settings if you do not feel any enhancement in your car's performance.• Please contact our Customer Service. We can update your RaceChip's settings based on your description of your experience with your car.• You can update the settings on your RaceChip by going to Settings on the App (Search for updates for my car).
Knocking/ rattling The engine knocks or rattles (diesel engine) more under load. It runs less smoothly than in stock tune.	<ul style="list-style-type: none">• If you have the impression that your engine knocks or rattles more than in stock tune, please take the car for a few test drives to be sure that your first impression was right. On the test drive, pay special attention to the engine's behaviour under load – the RaceChip only works then. On the test drives, check to see if the increased knocking/rattling occurs in all 3 tuning stages (EFFICIENCY, SPORT, RACE) on the RaceChip App. The information helps us to find the right solution for you quickly.• If your first impression was right, please contact our Customer Service.• If the knocking/rattling is obviously increased, a test drive is not necessary – please contact our Customer Service immediately.• The RaceChip App is connected to our server and can download settings specially for your car.• This means that our Customer Service can update your RaceChip's settings to make the knocking/rattling disappear and help the engine run as smoothly as before.• We can update your RaceChip's settings based on your description of the problem.• You can update the settings of your RaceChip by going to Settings on the App (Search for updates for my car).

5 Trouble Shooting

Description of problem	What to do
<p>Engine fault light or other warning light comes on and stays on after installing the RaceChip.</p> <p>A warning light on the dashboard comes on and stays on after installation of the RaceChip.</p> 	<ul style="list-style-type: none">• If a warning light (e.g engine fault light) comes on, it does not automatically mean something is wrong with the engine. The lamp can simply be a measure programmed by the manufacturer to protect the engine; it can be triggered if a cable is disconnected from a sensor when there was still power in the system, for instance. (one indication is if the Power On control lamp (see Overview of the RaceChip) lit up as soon as the wiring harness was connected; it should light up only when the ignition is switched on). Please follow the steps below carefully until you have found the cause of the warning lamp and fixed it.• De-install the RaceChip wiring harness to the point that you can reconnect all the connections in your car as they were before you started installing the RaceChip. Lock the car and wait ca. 30 minutes before starting the engine. If the warning light still stays on, stopping and restarting the engine several times or waiting for even longer can sometimes help.• If the warning lights have gone out, you can re-install the RaceChip. Make sure the ignition is off and wait at least 15 minutes before disconnecting the sensors. When the installation is complete, double check all the connections to ensure the connectors are joined correctly and tightly. Please connect the Deactivation plug to the wiring harness and start the engine again.• If the warning lights do not come on, switch off the engine again and wait for 15 minutes. You can now replace the Deactivation plug with the RaceChip and start the engine again.• If the warning lights come on again now, please contact our Customer Service (see Contact).

5 Trouble Shooting

Description of problem	What to do
Jolting With the RaceChip installed, my car jolts, stutters or hesitates in situations where it did not before.	<ul style="list-style-type: none">• First, please check to see if the jolting, stuttering or hesitation occurs in all 3 tuning stages (EFFICIENCY, SPORT, RACE) on the RaceChip App. The information helps us to find the right solution for you quickly.• The RaceChip App is connected to our server and can download settings specially for your car.• This means that our Customer Service can update your RaceChip's settings to make the problem disappear and help the engine run as smoothly as before.• Please contact our Customer Service. We can update your RaceChip's settings based on your description of the problem.• You can update the settings of your RaceChip by going to Settings on the App (Search for updates for my car).
Quality of gear shift reduced The shift behaviour and/or the shift quality has worsened since the installation of the RaceChip. The gearbox sometimes cannot seem to find the right gear.	<ul style="list-style-type: none">• First, please check to see if the shift quality is worse in all 3 tuning stages (EFFICIENCY, SPORT, RACE) on the RaceChip App. The information helps us to find the right solution for you quickly.• The RaceChip App is connected to our server and can download settings specially for your car.• This means that our Customer Service can update your RaceChip's settings to make the problem disappear and help your car shift gears as smoothly as before.• Please contact our Customer Service. We can update your RaceChip's settings based on your description of the problem.• You can update the settings of your RaceChip by going to Settings on the App (Search for updates for my car).

5 Trouble Shooting

Description of problem	What to do
<p>Engine fault light comes on after a while and stays on</p> <p>After driving with the RaceChip (including acceleration) for while, the engine fault light comes on and stays on.</p>	<ul style="list-style-type: none">• Please stop at the next available opportunity and switch the engine off, but leave the ignition on. On the RaceChip App, activate the EFFICIENCY tuning stage and then switch the ignition off. If the warning light went on while you were driving in the EFFICIENCY tuning stage, please deactivate the RaceChip via the RaceChip App (see Operation) and skip the next step. Lock your car and wait for ca. 30 minutes before re-starting the engine. If the warning light is still on, stopping and restarting the engine several times or leaving the car locked for a longer period of time may help. Take your car for a test drive, making sure you put the engine under load.• If the fault warning does not come on again during the test drive, please park the car and switch the engine off, but leave the ignition on. If the SPORT tuning stage was not active when the fault light came on for the first time, please activate it now on the RaceChip App. If it was active, you can skip the next step and contact our Customer Service straight away. After selecting the SPORT tuning stage, re-start the engine and take your car for a test drive, making sure you put the engine under load. Check to see if the warning light comes on again.• Contact our Customer Service with this information (see Contact).• The RaceChip App is connected to our server and can download settings specially for your car.• This means that our Customer Service can update your RaceChip's settings to resolve the problem and help you to enjoy the enhanced performance you want.• You can update the settings of your RaceChip by going to Settings on the App (Search for updates for my car).

5 Trouble Shooting

Description of problem	What to do
Soot generation My car produces (more) soot since installing the RaceChip.	<ul style="list-style-type: none">• First, please check whether your car produces (more) soot in all 3 tuning stages (EFFICIENCY, SPORT, RACE) on the RaceChip App. The information helps us to find the right solution for you quickly.• The RaceChip App is connected to our server and can download settings specially for your car.• This means that our Customer Service can update your RaceChip's settings and stop your car producing excess soot.• Please contact our Customer Service. We can update your RaceChip's settings based on your description of the problem.• You can update the settings of your RaceChip by going to Settings on the App (<i>Search for updates for my car</i>).
The car does not start The car's ignition does not work after installing the RaceChip	<ul style="list-style-type: none">• Something probably went wrong during the installation procedure. Please follow the steps below to check that the RaceChip is installed correctly.• De-install the RaceChip wiring harness the point that you can reconnect all the connections in your car as they were before you started installing the RaceChip. (You can leave the wiring harness in the engine bay; the important thing is that it is not connected to the vehicle electrics). Lock the car and wait ca. 30 minutes before trying to start the engine again.• If the car starts, you can re-install the RaceChip. Make sure the ignition is switched off and wait at least 15 minutes before disconnecting the sensors in the engine bay. After installing the RaceChip, double check that all the connectors are correctly and firmly fixed. Go through all the steps described in <i>Installation</i> again. Finally, start the engine.• If the car still does not start, please contact our Customer Service (see <i>Contact</i>).

5 Trouble Shooting

Description of problem	What to do
No noticeable fuel savings I do not notice any fuel savings	<ul style="list-style-type: none">• Make sure you are comparing before-and-after fuel consumption based on the vehicle's actual consumption – on-board computers often display incorrect values.• It is important that your driving style remains the same, i.e. you do not accelerate harder or drive fast more often than before. You will not see any fuel savings either if you often drive at or near maximum load – you need to adopt an economical driving style at least some of the time in order to save fuel.• If your driving style is economical but you still do not notice any fuel savings, please contact our Customer Service.• The RaceChip App is connected to our server and can download settings specially for your car.• This means that our Customer Service can update your RaceChip's settings and help you save fuel when you use an appropriate driving style.• You can update the settings of your RaceChip by going to Settings on the App (Search for updates for my car).
No connection after updating the operating system No pairing between RaceChip App and RaceChip possible after updates of the operating system on your smartphone.	<ul style="list-style-type: none">• Shut down the RaceChip App (iOS: push the home button twice and close the RaceChip App; Android: Open the task manager and close the RaceChip App) and re-start it again• If that does not cure the problem, please contact our Customer Service.

5 Trouble Shooting

Description of problem	What to do
No connection No pairing between RaceChip App and RaceChip possible.	<ul style="list-style-type: none">• Follow these steps one by one until the pairing is complete:• Check that the car's ignition is switched on.• Check to see if the RaceChip's Bluetooth connection is active (see Overview of the RaceChip). Please contact our Customer Service if it is not. The connection problem is probably caused by a function or installation fault.• Check that the Bluetooth function on your smartphone is fully activated.• Deactivate and then re-activate the Bluetooth connection. Check if RaceChip and your phone will pair now.• Deactivate the Bluetooth connection and completely shut down the RaceChip App (iOS: push the home button twice and close the RaceChip App; Android: Open the task manager and close the RaceChip App). Activate the Bluetooth connection and open the RaceChip App again.• Go to your smartphone's settings and view all discoverable Bluetooth devices. Select "RaceChip" to pair your smartphone with the RaceChip. In case no connection is established, delete "RaceChip" from the list of discoverable Bluetooth devices. Try pairing again.• Re-start the installation dialogue of the RaceChip App. Make sure you have entered the correct Bluetooth pin.• Please contact our Customer Service if the issue still exists.

6 Contact



Our Customer Service is ready to help!

Find out how to contact us at:
www.racechip.com/service-support

Please have your customer details close by when you contact us.

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