



## Installation instructions

Akrapovič Exhaust System:

### Evolution Line

for the

**Mercedes AMG A45 / A45 S / A45 FL (W177)**

**Mercedes AMG CLA45 / CLA45 S (C118/X118)**

**Mercedes AMG GLA45 (H247)**



ENGLISH

Version 1.1

04/2024

[www.akrapovic.com](http://www.akrapovic.com)

D249.1.00.0000 G





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Congratulations on purchasing the Akrapovič product. The Akrapovič product is made by Akrapovič d.d., Malo Hudo 8a, 1295 Ivančna Gorica, Slovenia ("Akrapovič").

**Please read this entire installation manual carefully prior to installing and using the Akrapovič product.**

Akrapovič product should only be installed by persons skilled in car exhaust system or other car parts installation and performance. The instructions provided in this manual should be followed to ensure proper installation and safe use of the Akrapovič product. Akrapovič and/or its partners shall not be held liable for any damage or personal injury (including direct, indirect, or consequential damage) sustained as a result of improper installation of the Akrapovič product or its use and maintenance contrary to the instructions and warnings contained herein.

If you have any questions regarding the installation and/or proper use of the Akrapovič product or this manual, please contact your local Akrapovič partner.

For more information on the Akrapovič products, see the official Akrapovič website at: <http://www.akrapovic.com>

## **GENERAL INFORMATION**

Your safety is our number one priority. Please drive your car responsibly, safely and always obey local traffic rules.

All statements made with regard to the product's compliance are made in respect of the product "as is". Any modifications of the Akrapovič product or its improper installation, use or maintenance that is not in accordance with this Installation manual, may result in severe damage to the product, vehicle and/ or engine, as well as personal injury, and may affect the product's compliance with the legal requirements, such as product's air and/ or noise emissions (as an example, the car may not be suitable for use on public roads any longer), as well as warranty coverage.

The product may only be used in accordance with relevant laws and regulations, including state and federal, where applicable.

Damage caused by improper installation, use and maintenance of the Akrapovič product is not covered by the Akrapovič warranty. Please refer to the enclosed warranty with regard to the terms of our warranty.

Technical specifications of Akrapovič products are subject to change without notice.

## **COPYRIGHT AND OTHER RIGHTS NOTICE**

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Akrapovič takes all copyright and other rights infringement cases under serious consideration. If you have any reason to believe that your product is not an original Akrapovič product, please contact our local partners or Akrapovič at [info@akrapovic.com](mailto:info@akrapovic.com).

## SAFETY AND COMPLIANCE WARNING, PLEASE READ CAREFULLY

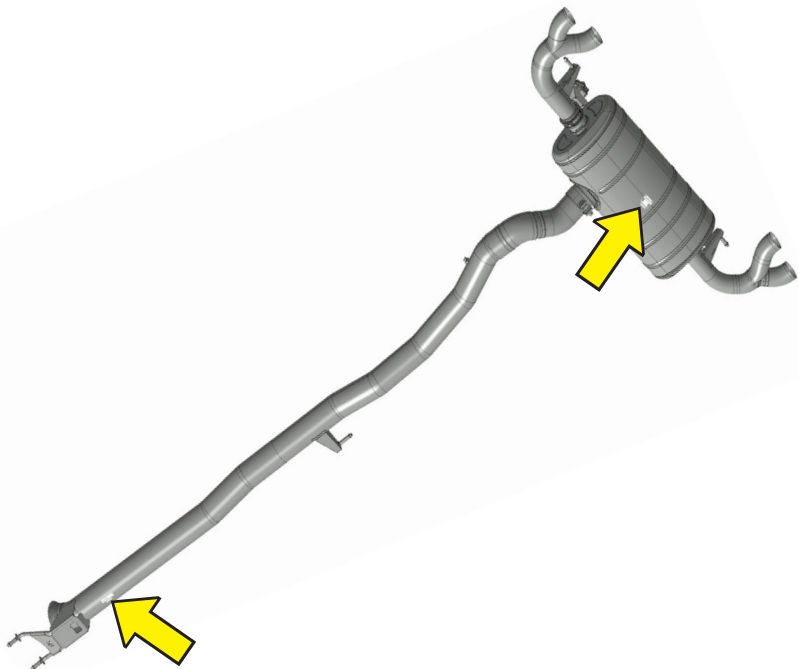
**BEFORE REMOVING THE STOCK PARTS AND BEGINNING THE INSTALLATION OF YOUR NEW AKRAPOVIČ PRODUCT, PLEASE MAKE SURE THAT ALL ITEMS LISTED BELOW ARE VERIFIED:**

- This manual is specific to the car indicated on the cover page, for which it is designed. Installation procedures vary depending on the type of car. Please verify that the Akrapovič **product and this installation manual correspond to the type of your car.**
- **For exhaust system only:** the exhaust system can get extremely hot during and after it is used. Make sure not to touch the exhaust system until it is completely cool. **Allow the exhaust and engine to cool down before beginning installation.**
- Make sure the car is **securely positioned to prevent** damage to yourself and other, or the car.
- Please check the parts you received against the parts list available on our website (please use the QR code on the front page or look for “schematic view” in the respective product page on [www.akrapovic.com](http://www.akrapovic.com)). Make sure that you have **all the parts necessary for the installation** of your new Akrapovič product. If any of the parts is missing, please do not proceed with uninstalling your stock parts/installing the Akrapovič product and contact the retailer where you purchased the Akrapovič product.
- **For exhaust system only:** every exhaust system has its unique serial number, which identifies the authenticity of the product. You can find the serial number on the exhaust system. Please refer to the **picture 1**. Please verify that your exhaust system is an original Akrapovič product. If you have any doubts, please contact the reseller where you purchased the exhaust system or Akrapovič partners. This manual, any certificates and Akrapovič warranty apply to original products only.

## GENERAL NOTE

Photographs and other illustrations in this manual are symbolic and are intended to help represent individual steps for proper installation and use, as well as for a general overview. The actual component parts of the Akrapovič product may not entirely correspond to the photographs and other illustrations.

Picture 1 - SERIAL NUMBER POSITION:



## **NOISE AND EMISSION WARNINGS**

### **General warning**

Because of the world-wide distribution of Akrapovič d.d. products, neither Akrapovič d.d. nor any of its subsidiaries make any representation that the products comply with the air and/or noise emissions laws, or labeling laws, of any jurisdiction. The purchasers are entirely responsible for informing themselves of the applicable laws where the products are to be used and to comply with those law.

Although legal compliance of Akrapovič products in a specific country should be determined by the user, you can find some basic guidance on compliance of your Akrapovič product with various legal requirements on the product-related part of our website (please use the QR code on the front page or look for the respective product page on [www.akrapovic.com](http://www.akrapovic.com)). For EC and ECE type approvals, please refer to the certificate enclosed to your product.

### **USA WARNING**

Various U.S. states and the U.S. federal government have individual laws regulating the use of aftermarket parts and systems, especially as those parts and systems modify, remove, or replace original equipment catalysts. Please consult the appropriate laws in your area before installing any aftermarket part or system on your vehicle to ensure compliance with all applicable laws. Neither Akrapovic d.d. nor any of their subsidiaries or the sellers of the parts or systems make any representation that any of their parts or systems comply with any such laws.

### **CALIFORNIA WARNING**

California laws prohibit the use of any aftermarket part or system that modifies, removes or replaces original equipment catalysts unless the California Air Resources Board has issued an Executive Order regarding such part or system or unless the part or system is exempted by being used only on racing vehicles on closed courses. Neither Akrapovic d.d. nor any of their subsidiaries make any representation that any of their parts or systems has received such an Executive Order or that any of their parts or systems conform with the racing vehicles exemption. The purchasers are entirely responsible for informing themselves of applicable California laws and to comply with those laws.



## SYMBOLS

The following symbols are used throughout these installation instructions:



**TOOLS AND PROTECTIVE  
EQUIPMENT REQUIRED**



**TIGHTENING TORQUE**



**LUBRICATION**



**HAND TIGHTEN**



**INSTALLATION TIP**



**CAUTION OR IMPORTANT**

### USE BOLT SEALANT

Apply 3 to 4 small drops of bolt sealant onto the cleaned and degreased threads before tightening the bolts.

**WARNING! Avoid contact with skin, eyes and mucous membranes. Do not inhale fumes. Keep out of reach of children.**



### USE ANTI-SEIZE LEAD-FREE COPPER PASTE (black tube)

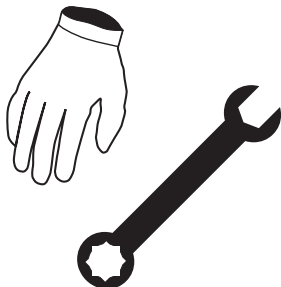
Provides trouble-free and long-lasting protection against seizing, corrosion and rusting of bolts, threaded ends, nuts, joints, etc. Also protects against vibration, wear and impact. **WARNING! Avoid eye contact. Keep out of reach of children.**



### USE ANTI-SEIZING GREASE (white tube)

Prevents seizing, corrosion and excessive wear between the titanium components. **WARNING! Avoid eye contact. Keep out of reach of children.**





- Mechanic gloves
- T-handle 8 mm wrench
- T-handle 10 mm wrench
- Torx 23
- Torx E9
- Torx E10
- Torx E12
- Torx E14
- T-handle swivelling 10 mm wrench
- Combination 13 mm wrench
- Combination 15 mm wrench
- Combination 16 mm wrench
- Combination 19 mm wrench
- Socket 11 mm
- Long Socket 10 mm
- Long Socket 16 mm
- Flat screwdriver
- Cross head screw driver
- Rubber bracket unhooking tool

## PARTS LIST

The packaging box should contain one or more of the following items:

- Akrapovič product
- Homologation certificate/ compliance documents if applicable
- Warranty
- Fitting material
- Installation Manual

Detailed list of parts can be found on the Akrapovič website (please use the QR code on the front page or look for “Schematic view” in the respective product page on [www.akrapovic.com](http://www.akrapovic.com)).

**IMPORTANT: The car should be in the off position throughout the dismantling and installation process, as well as any other work done on the Akrapovič product!**

### **REMOVAL OF STOCK EXHAUST SYSTEM OR OTHER VEHICLE'S STOCK PARTS:**

The process of uninstalling the original exhaust system or other parts may vary depending on the existing exhaust system or other vehicle parts. Please follow the original vehicle manufacturer's workshop manual for uninstalling the original exhaust system or other parts.

If you for any reason decide otherwise, please note that any information provided in this respect herein should be considered as general information provided for your convenience only. Akrapovič shall not assume any liability or responsibility with regard to uninstalling your existing exhaust system or other parts, warranty coverage of such exhaust system or other parts vehicle or their further fitness for use.

**In case your Akrapovič exhaust system or other vehicle parts may not be used on certain roads or under certain conditions, please keep the stock (or other) exhaust system or other parts that you can use in such circumstances legally.**

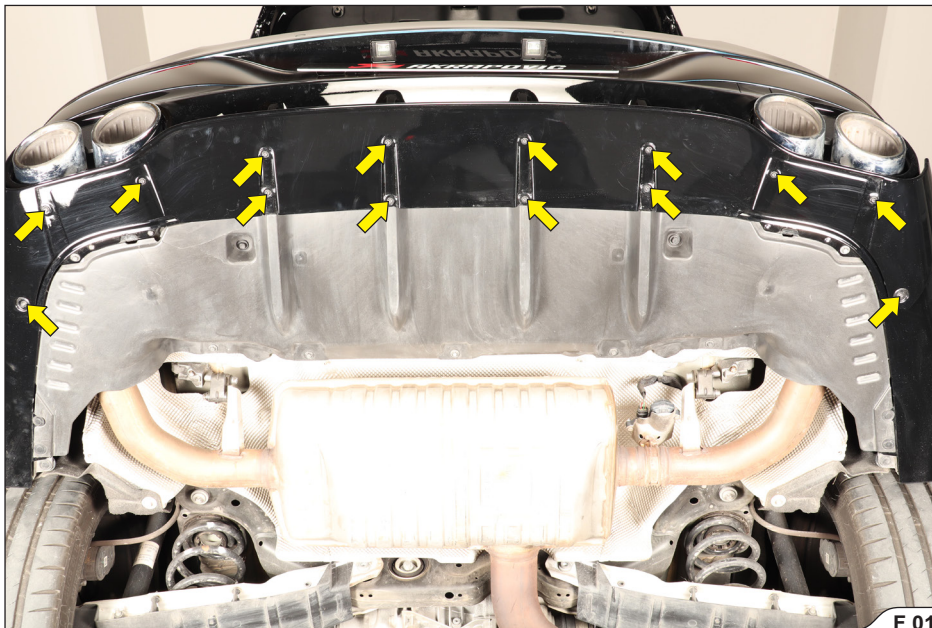
## REMOVAL OF STOCK EXHAUST SYSTEM:

Put the vehicle onto a car lift.

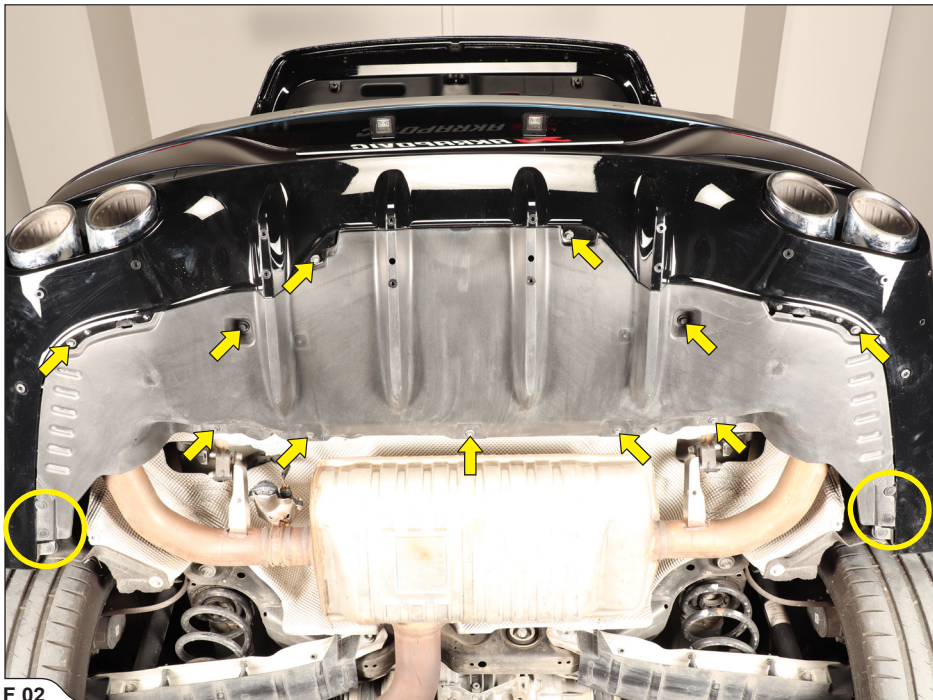
! **CAUTION:** ensure that the car is lifted safely and properly in order to avoid the risk of vehicle damage, injury, or even death!

1. **FOR AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only;** unscrew the marked bolts, undo the plastic fasteners and carefully remove both parts of the diffuser off the vehicle (**F 01, 02**).

! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 01



F 02

2. For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only; unscrew marked bolts, undo the plastic fasteners on both sides of the vehicle and partially remove both wheel arches (F 03).

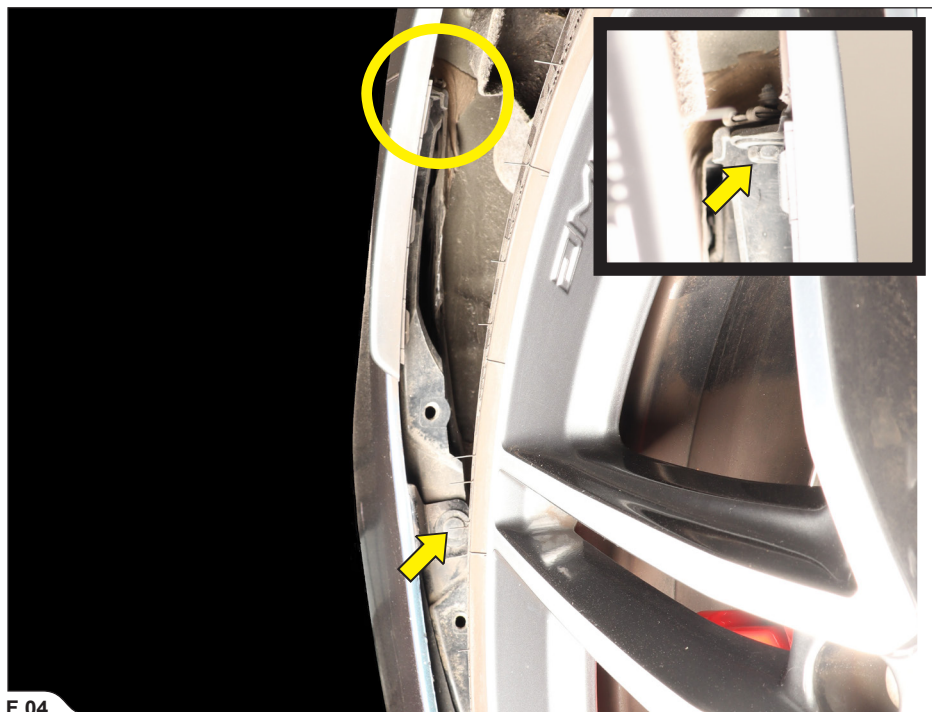
! CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



F 03

3. For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only; unscrew marked bolts and undo the plastic fasteners on both sides of the vehicle (F 04).

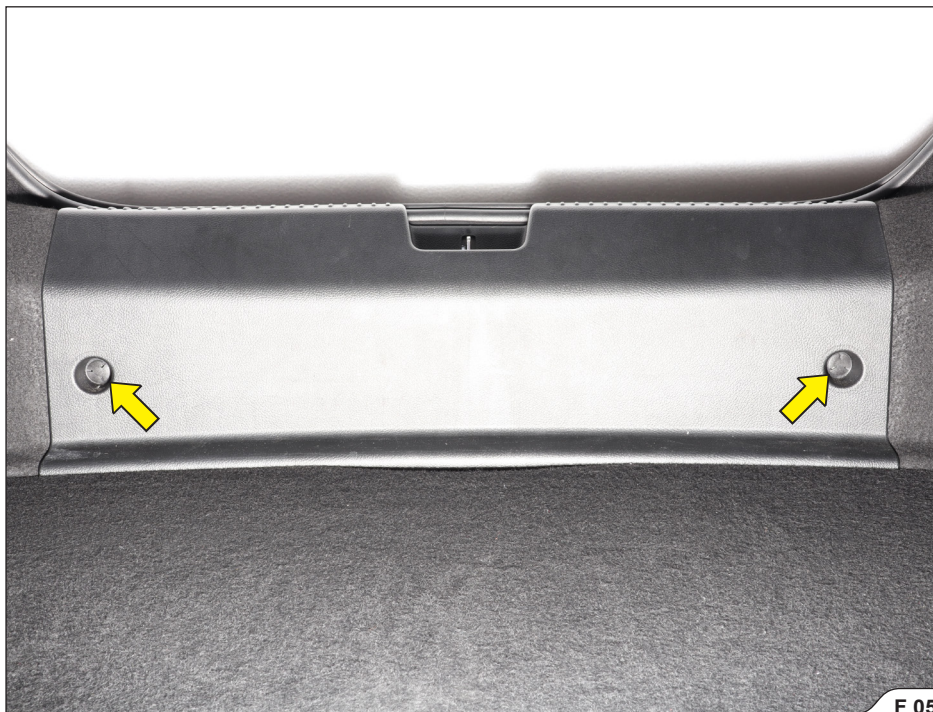
! CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



F 04

4. **For all models:** Open the trunk, undo/unscrew the marked fasteners, remove the trunk floor panel and trunk trim panels (**F 05, 06, 07, 08**).

! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!

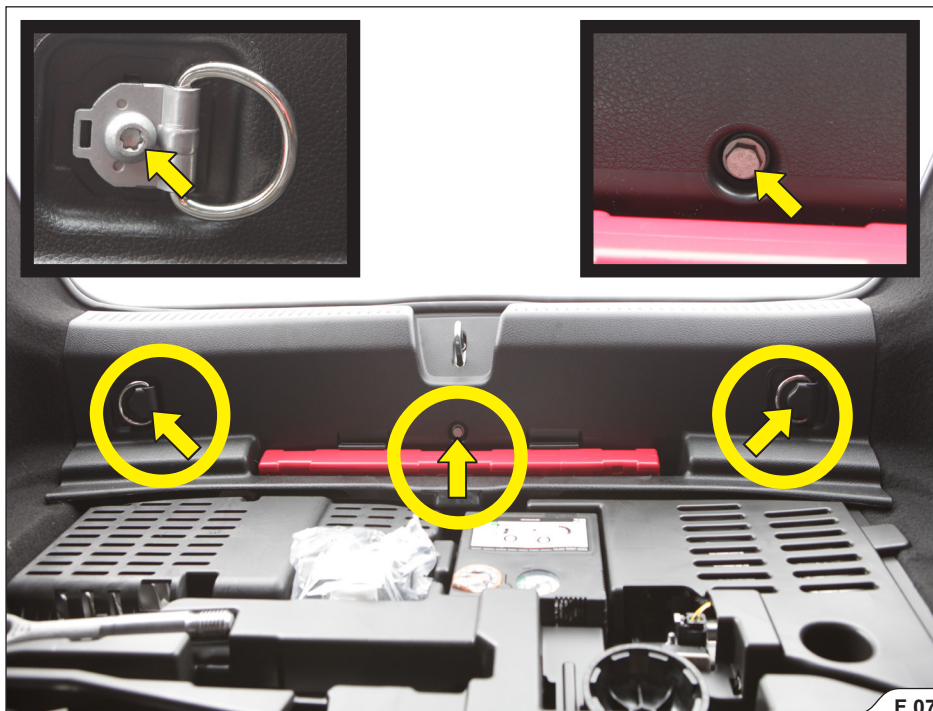


F 05





F 06



F 07



F 08

5. **For AMG A45 FL and GLA 45 model only;** unscrew marked nuts, undo connectors and move the control module out of the way (F 09).

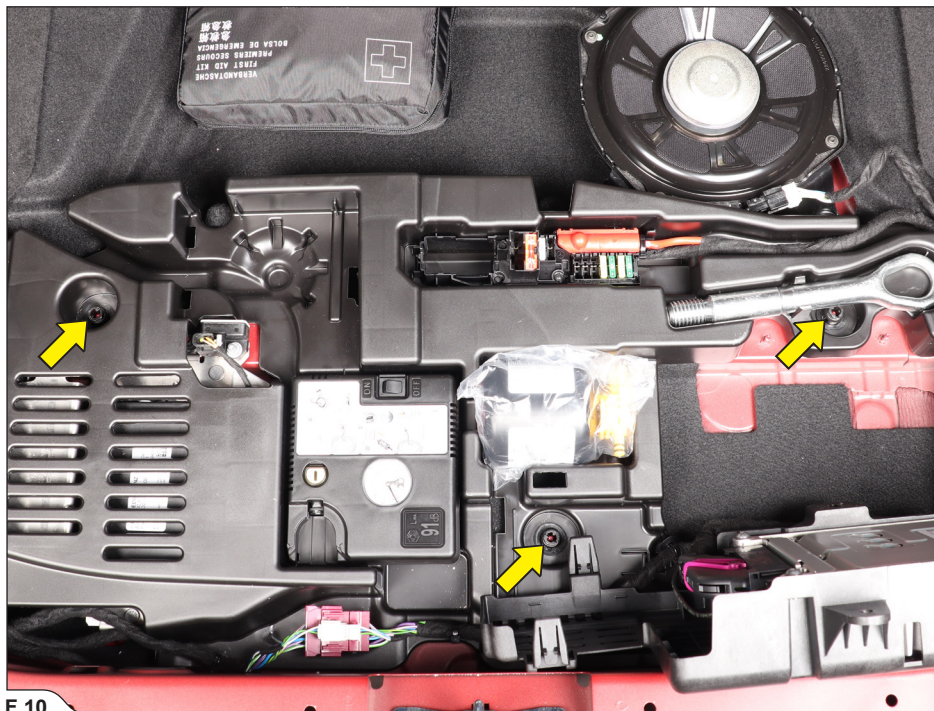
! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 09

6. **For AMG GLA 45 model only;** unscrew marked nuts and remove the plastic toll box out of the trunk (F 10).

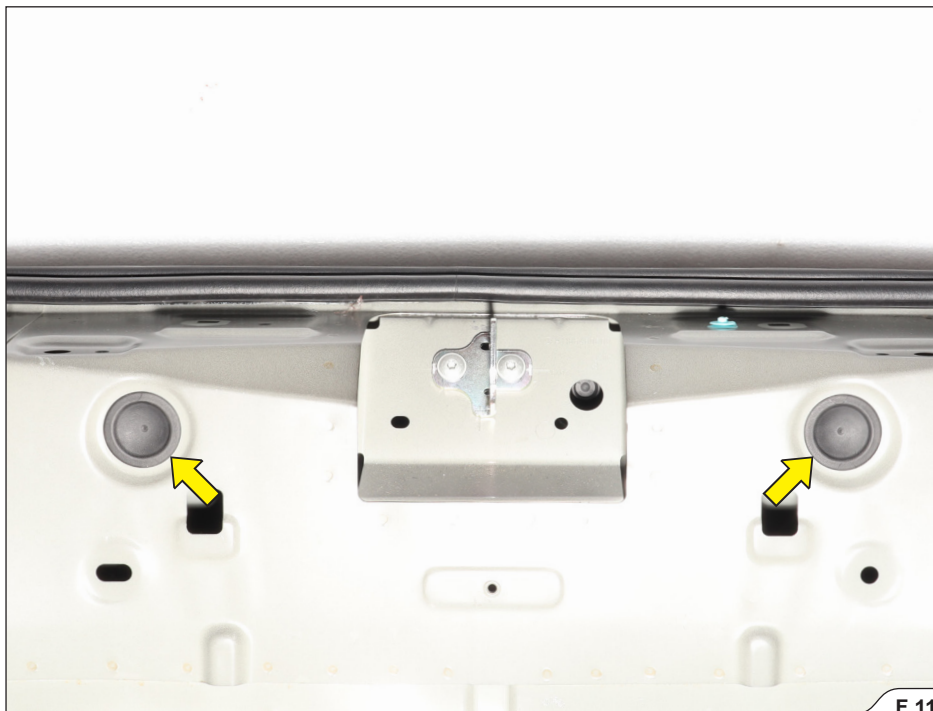
! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!

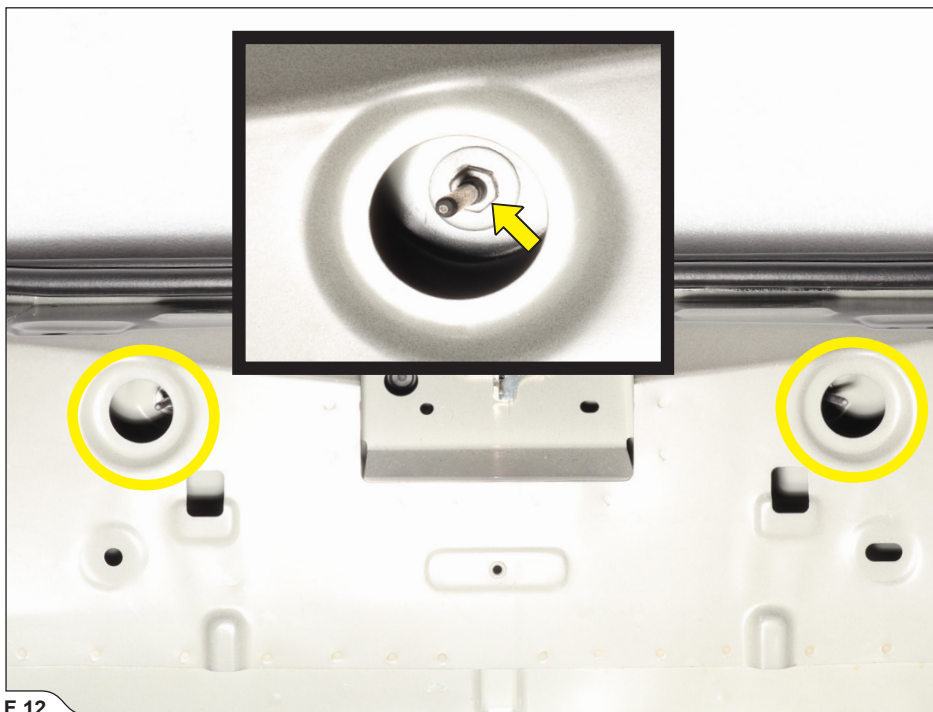


F 10

7. For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only; remove the marked rubber grommets and unscrew marked nuts (F 11, 12).

! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!

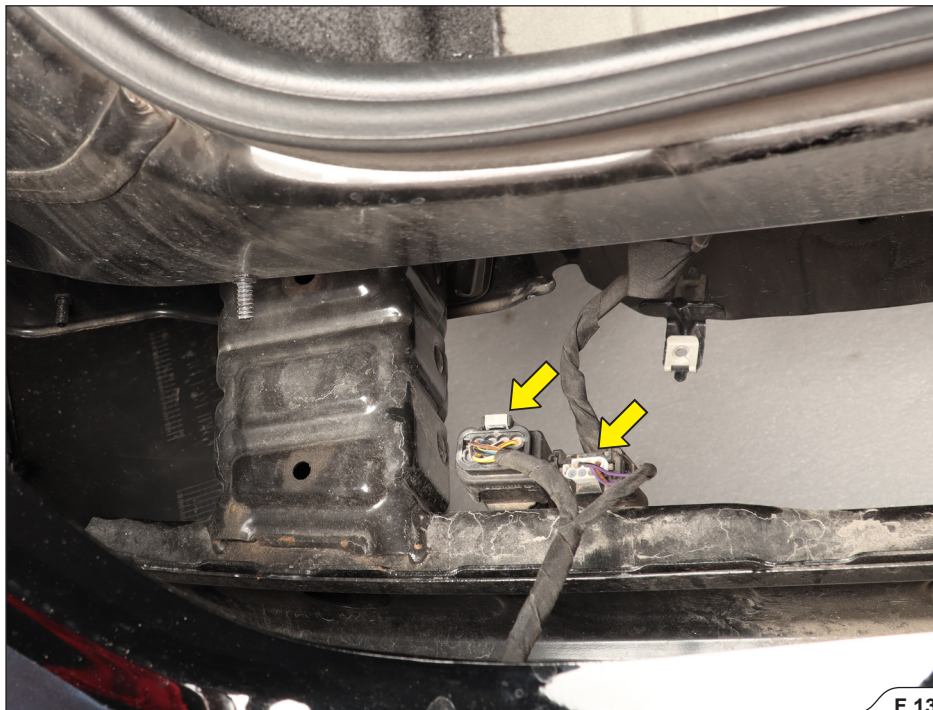




F 12

8. For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only; partially remove the rear bumper, disconnect the bumper's connectors and remove the bumper off the vehicle (F 13).

! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!

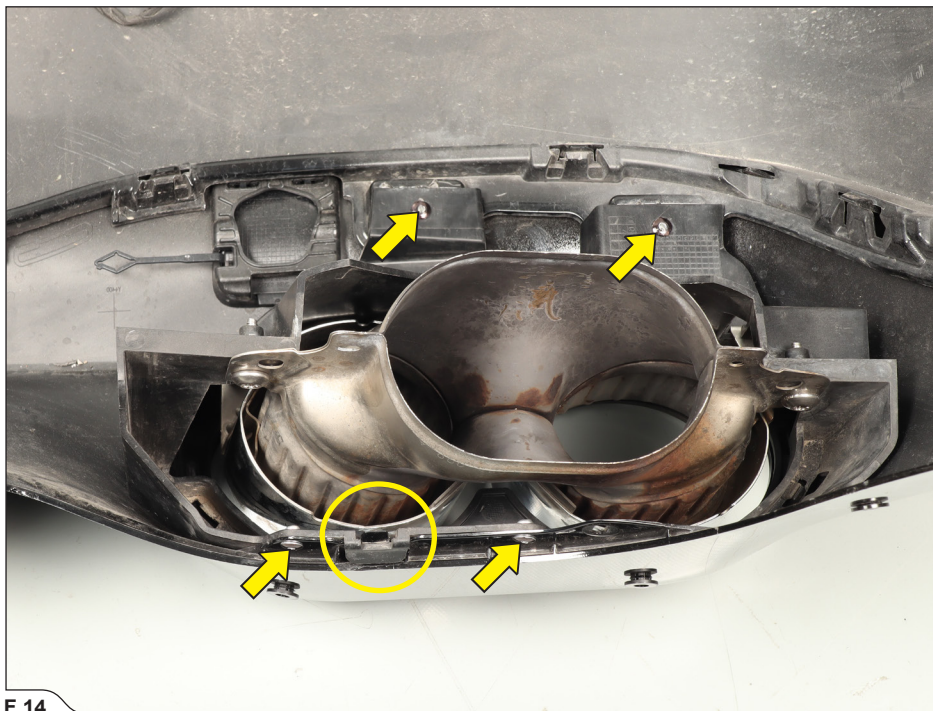


F 13



9. For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only; drill the marked rivets, undo the plastic pin and carefully remove the tail pipe's out of the bumper; repeat the procedure on both sides of the vehicle (F 14).

! CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



F 14

10. For **AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only**; undo the plastic pins and carefully remove the tail pipe's cover (F 15).

! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



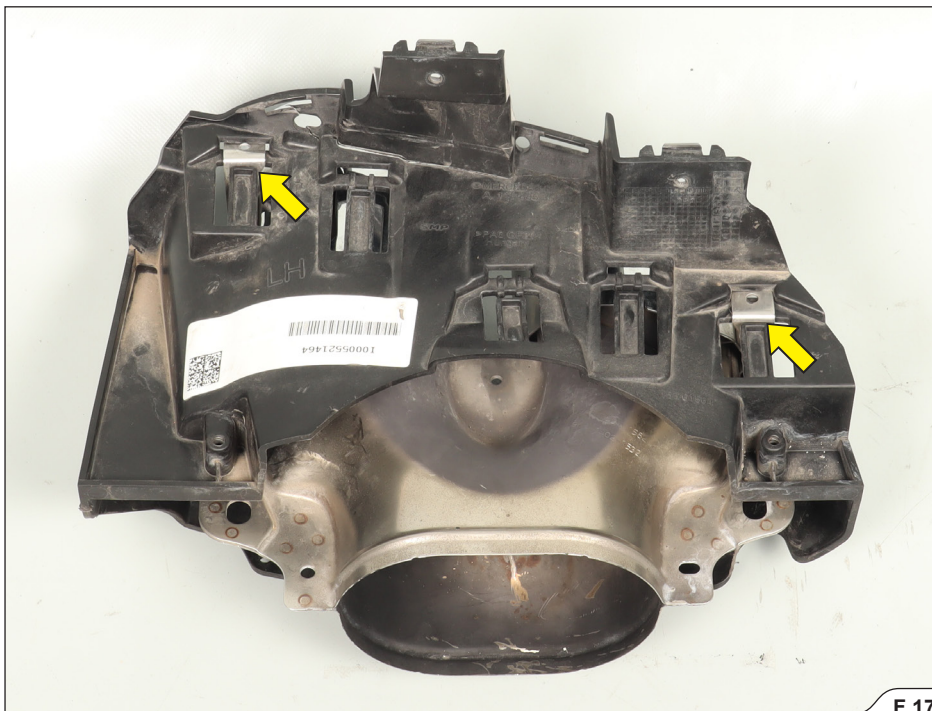
F 15

11. For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only; unscrew marked bolts and undo the plastic pins; carefully remove the tail pipes out of the tail pipes housing; repeat the procedure on both tail pipes (F 16, 17).

! CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



F 16

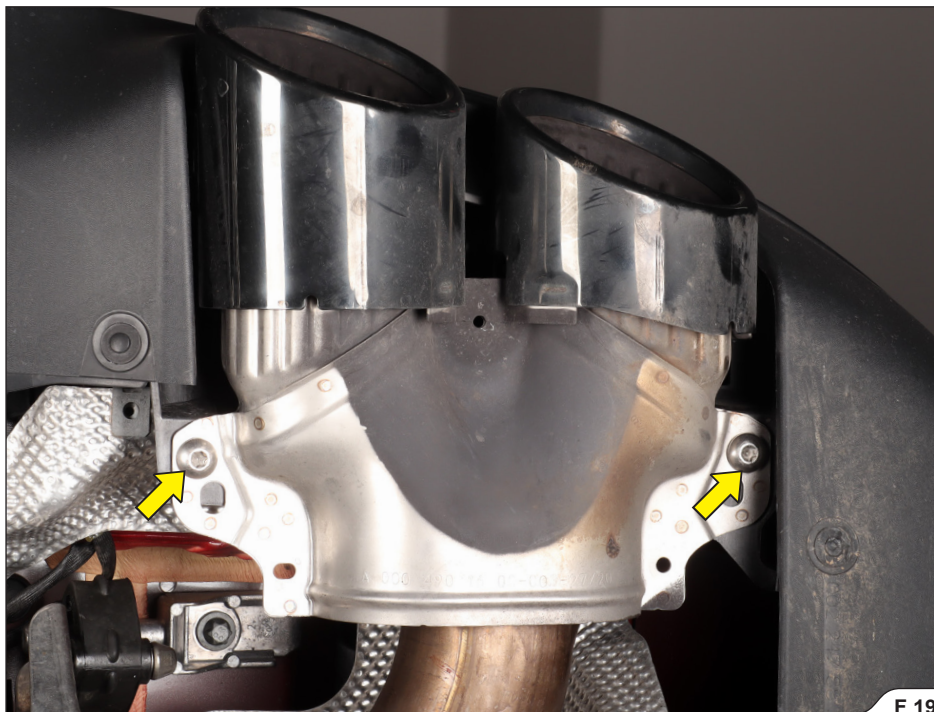


12. **For AMG GLA 45 model only;** unscrew marked bolts and carefully remove the tail pipes off the vehicle (F 18, 19).

! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 18



F 19

13. **For all models:** Unscrew marked back pressure sensors connection (F 20).

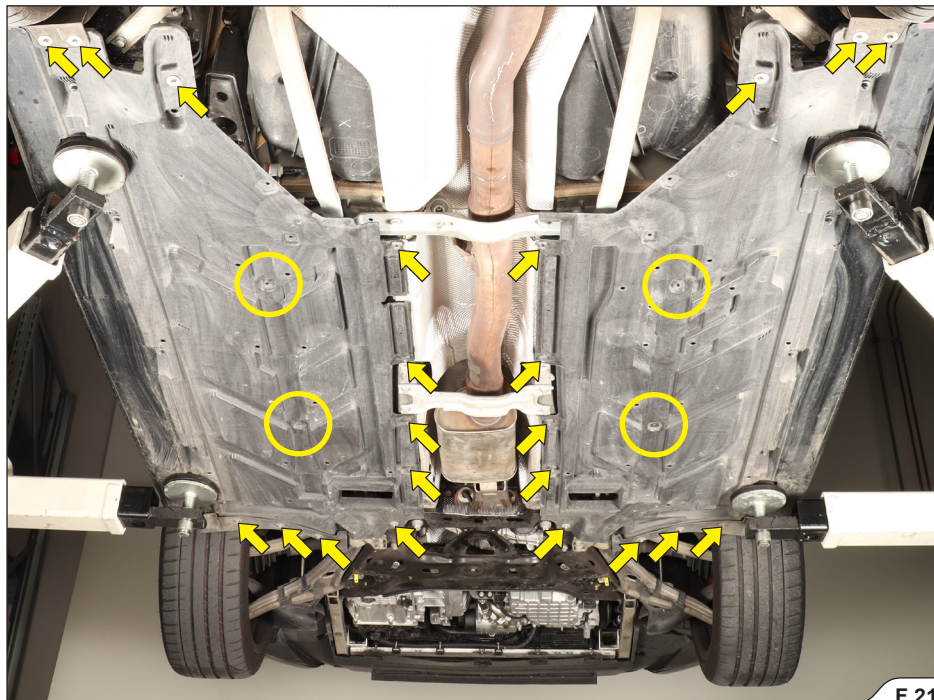
**!** **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 20

14. **For all models:** Unscrew marked bolts, undo marked plastic fasteners and partially remove the under-floor panels (F 21).

! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!

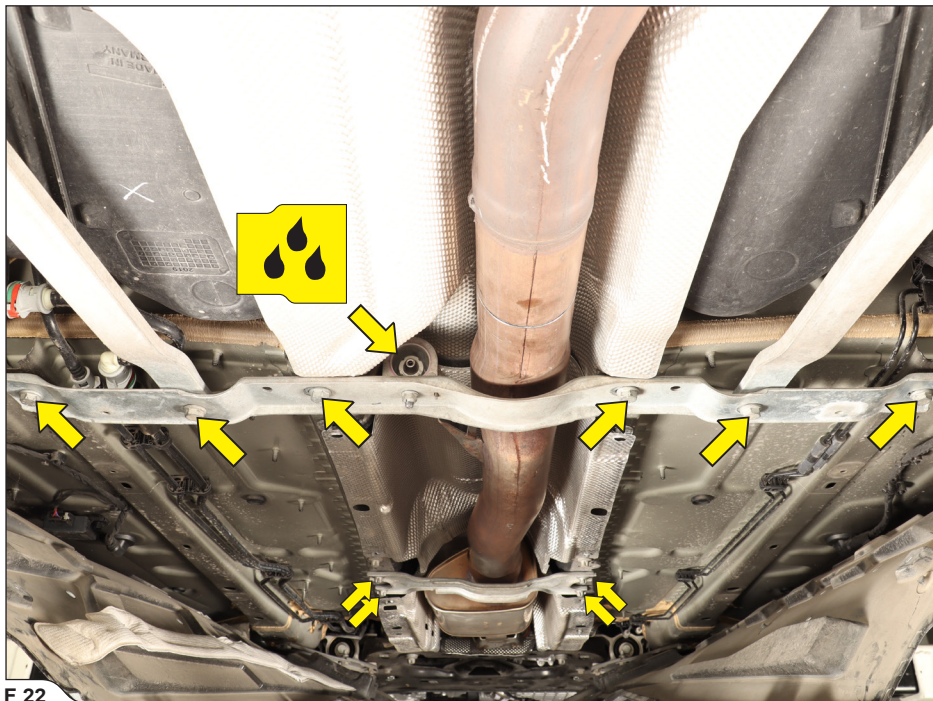


F 21



15. **For all models:** Unscrew marked bolts and remove the chassis reinforcements off the vehicle (F 22).

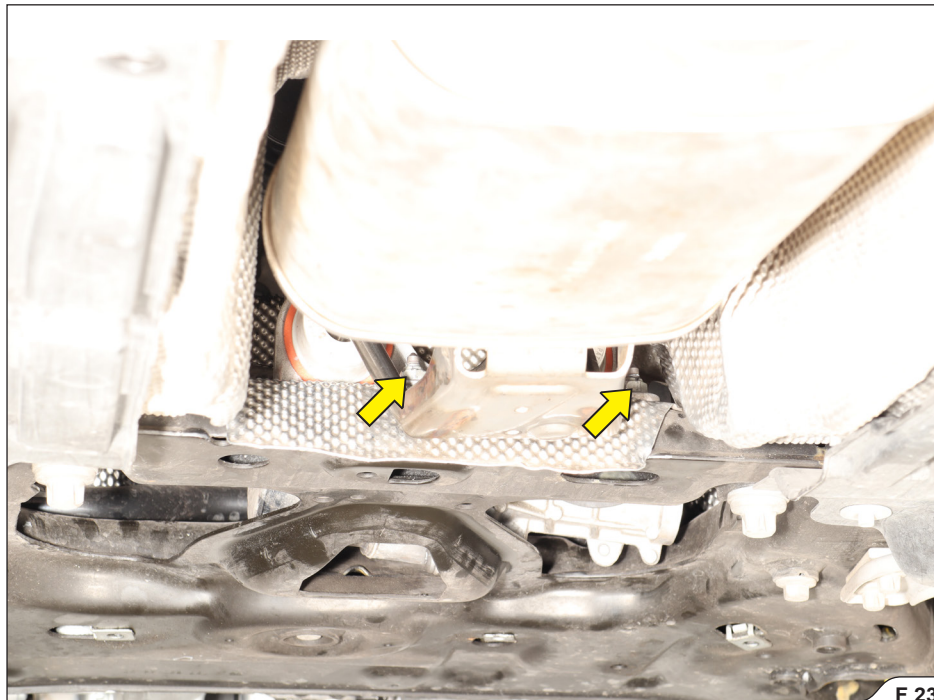
! **INSTALLATION TIP:** for easier dismantling, lubricate the original rubber brackets (WD40®)\*.  
\*WD-40® is a trademark of the WD-40 Company.



F 22

16. **For all models:** Unscrew marked nuts and unscrew the marked clamp; move the clamp off the joint (F 23, 24).

**! CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



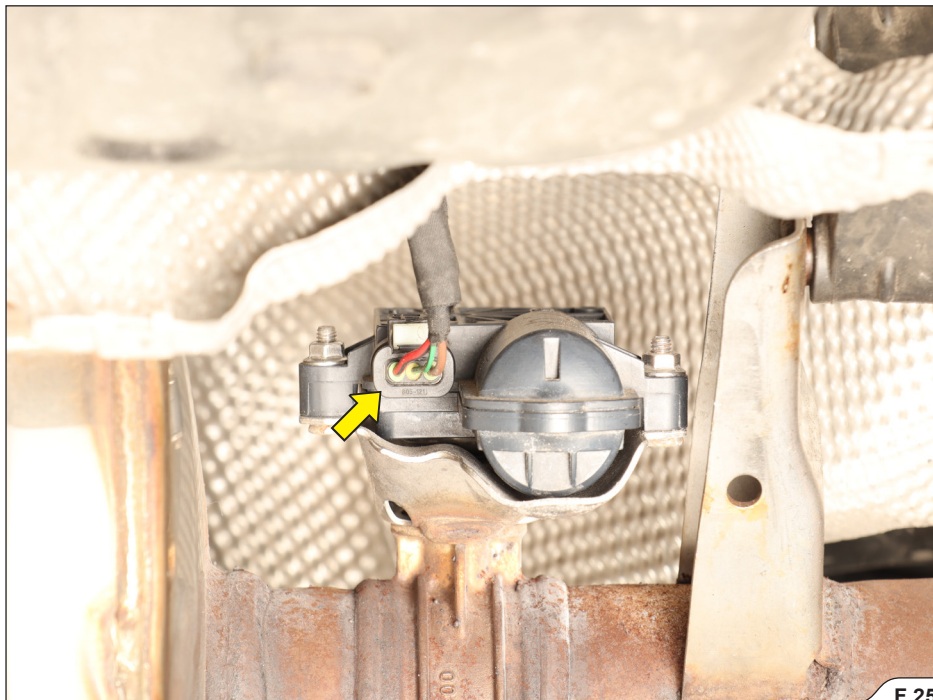
F 23



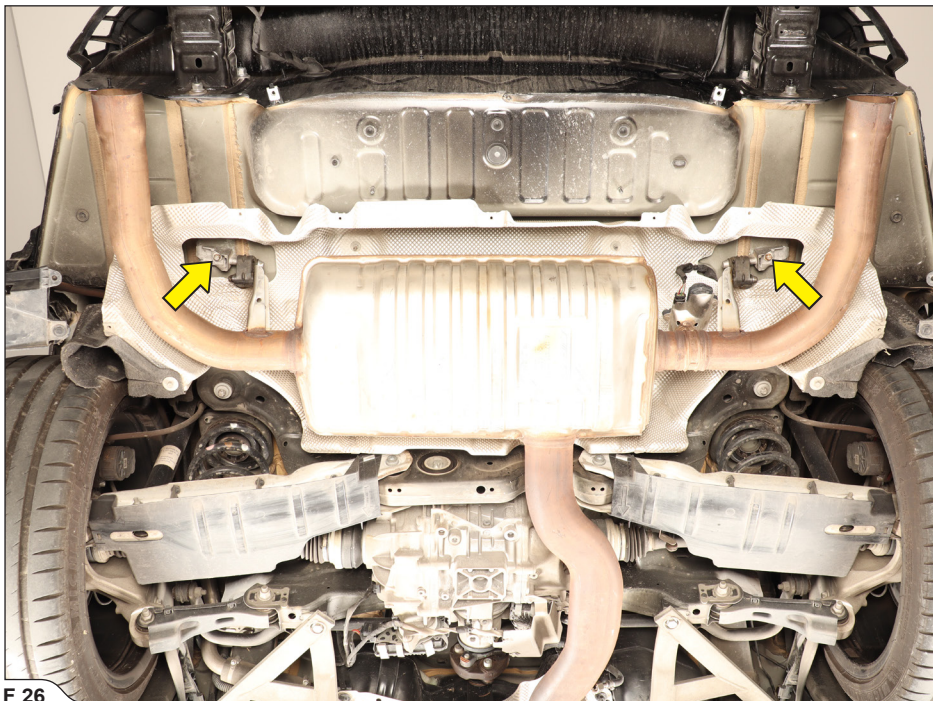
F 24

17. **For all models:** Support the exhaust system, disconnect exhaust flap actuator, unscrew both muffler's rubber brackets and carefully remove the system off the vehicle (**F 25, 26**).

! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 25



F 26

18. **For all models:** Remove all stock rubber brackets off the stock exhaust system (F 27, 28).

**! INSTALLATION TIP:** for easier dismounting, lubricate the original rubber brackets (WD40®)\*.

\*WD-40® is a trademark of the WD-40 Company.



F 27



F 28

19. For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only; Remove the marked rubber grommet (F 29).

! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 29



## INSTALLATION OF THE AKRAPOVIČ EXHAUST SYSTEM:

1. **For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only;** Prepare the actuators wiring and install it onto the vehicle as shown (F 30, 31, 32).

! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 30





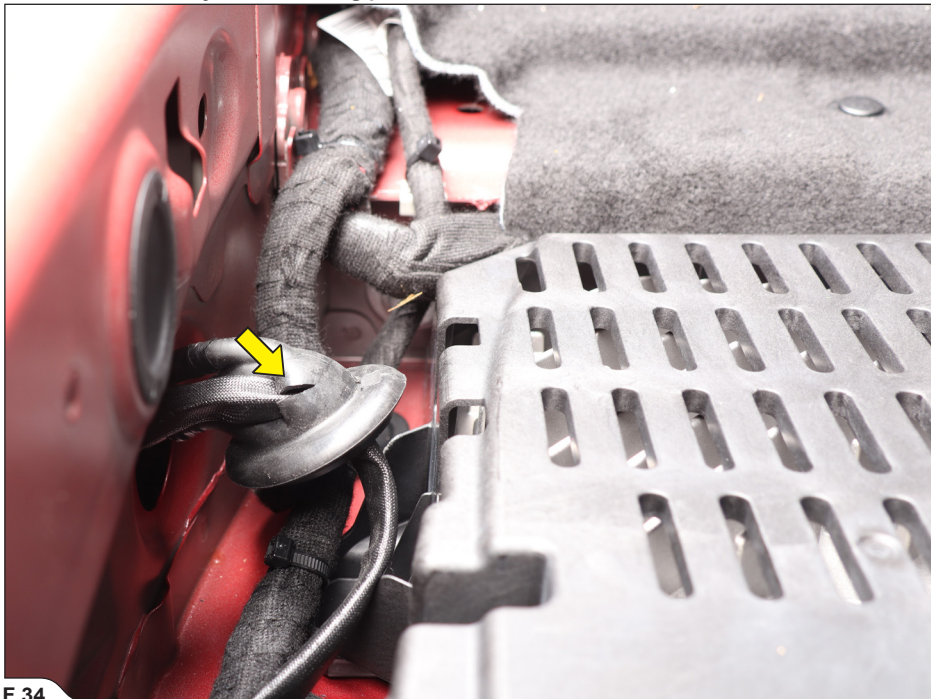
F 32

2. **For AMG GLA 45 model only**; carefully cut the rubber grommet of the actuator wiring (**F 33**).  
**!** **IMPORTANT:** make sure not to damage the wires during this process!



3. **For AMG GLA 45 model only;** unplug the marked stock rubber grommet, carefully puncture a hole thru it and pull the actuators wiring through, than plug the stock grommet back into place (F 34, 35, 36).

**!** **IMPORTANT:** make sure to secure all Control Kit components in such a way, that they won't touch any hot or moving parts of the vehicle!



F 34



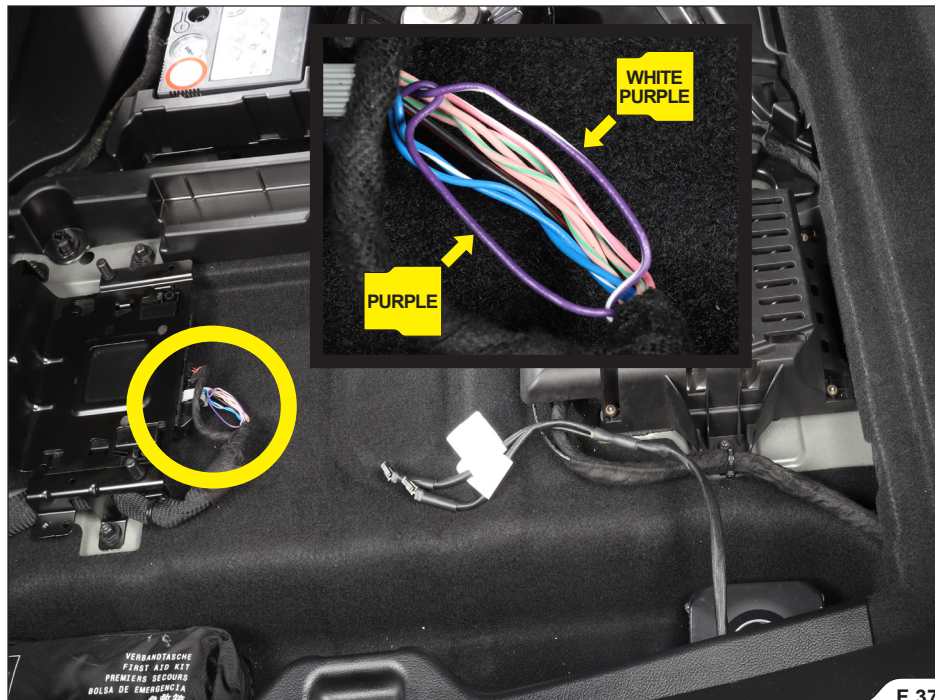
F 35



F 36

4. For AMG A45 / A45 S, AMG CLA45 / CLA45 S and AMG GLA45 model only; Carefully separate the marked **Purple** and **White Purple** wires from the marked stock harness, as shown (F 37).

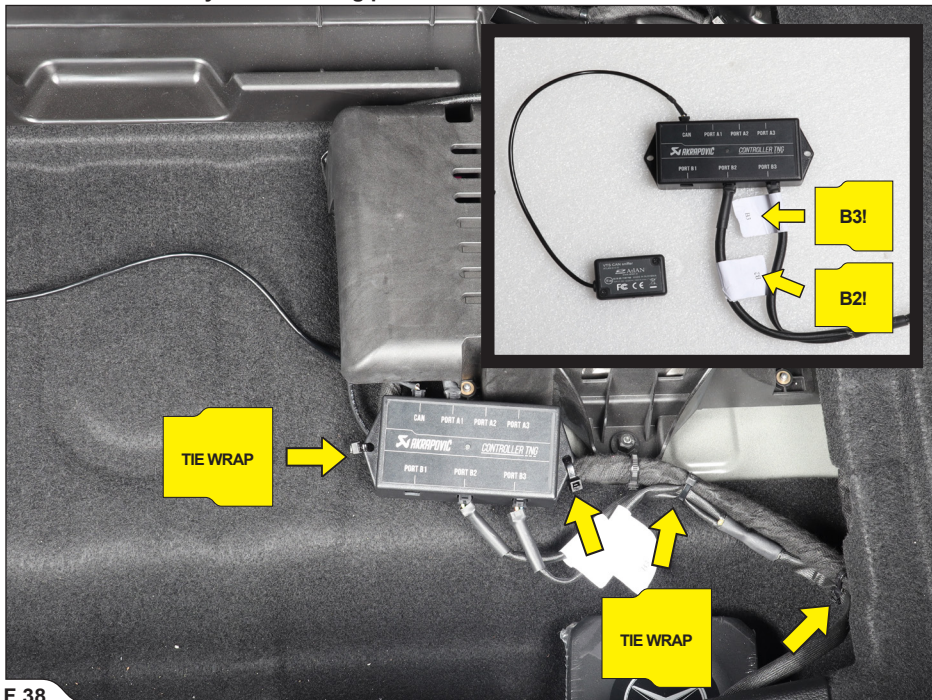
! **IMPORTANT:** make sure not to damage the wires during this process!





5. **For AMG A45 / A45 S, AMG CLA45 / CLA45 S and AMG GLA45 model only;** Install and connect the Control kit components in the trunk, as shown; secure all wiring and components in place using tie wraps from Akrapovič installation kit (**F 38**).

**!** **IMPORTANT:** make sure to secure all Control Kit components in such a way, that they won't touch any hot or moving parts of the vehicle!



F 38

6. **For AMG A45 FL model only;** Remove the right side trunk trim panel; check vehicle manufacturer manual for correct procedure (F 39, 40, 41, 42).

**! CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 39



F 40





F 42

7. **For AMG A45 FL model only;** Remove the marked right side service cover on C-pillar; check vehicle manufacturer manual for correct procedure (**F 43**).

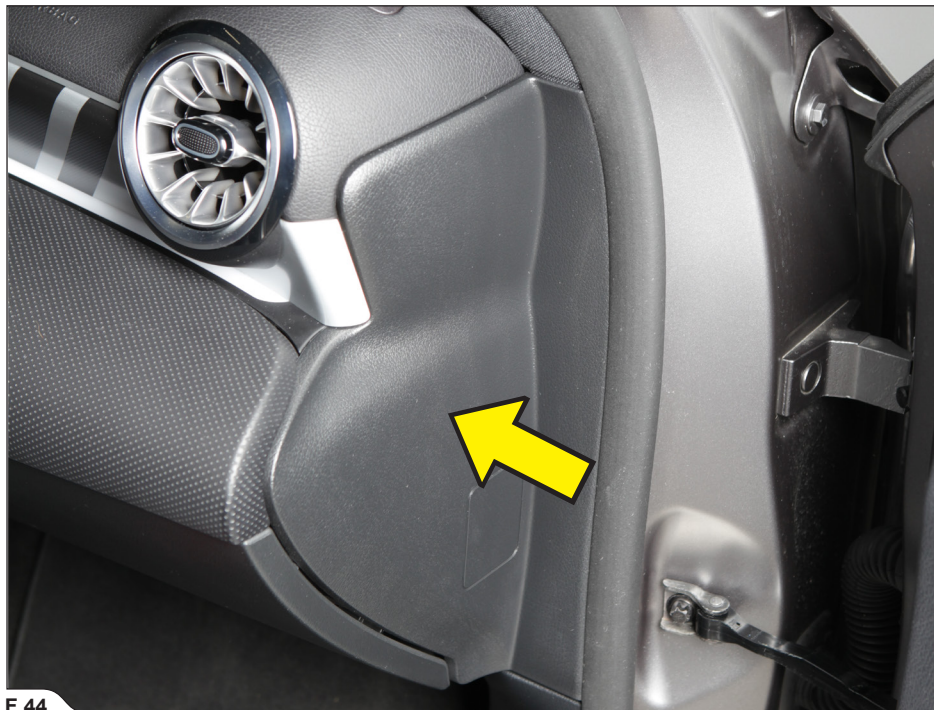
**!** **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



**F 43**

8. **For AMG A45 FL model only;** Remove the marked right side dashboard trim; check vehicle manufacturer manual for correct procedure (F 44).

**!** **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



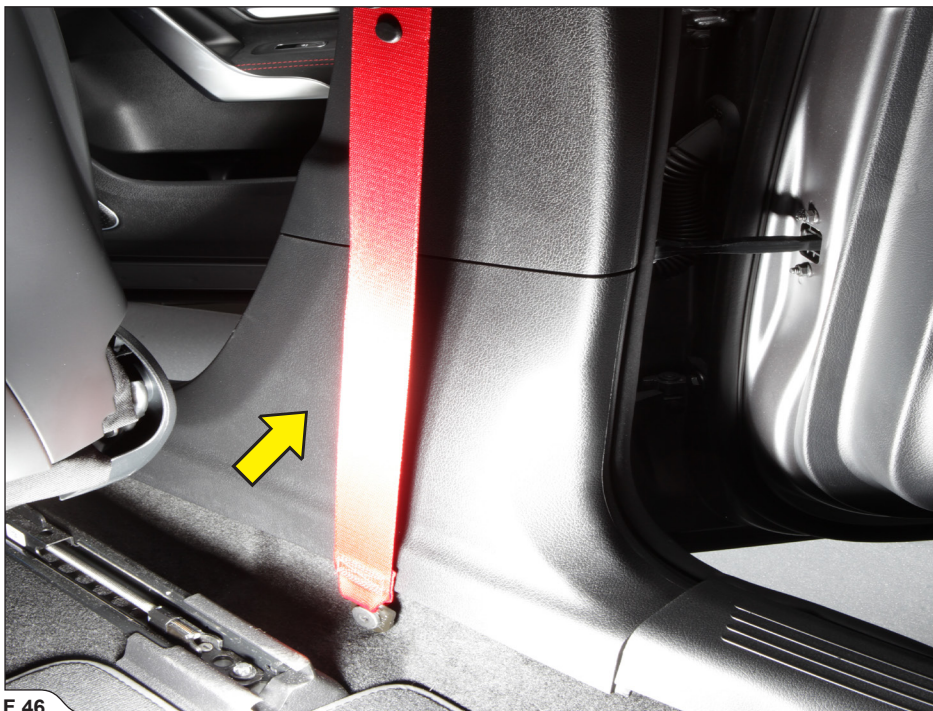
F 44

9. **For AMG A45 FL model only;** Remove the marked right side front door seal trim and right B-pillar trim; check vehicle manufacturer manual for correct procedure (**F 45, 46, 47**).

**!** **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!







F 46



10. **For AMG A45 FL model only;** Remove the marked rear bench; check vehicle manufacturer manual for correct procedure (F 48).

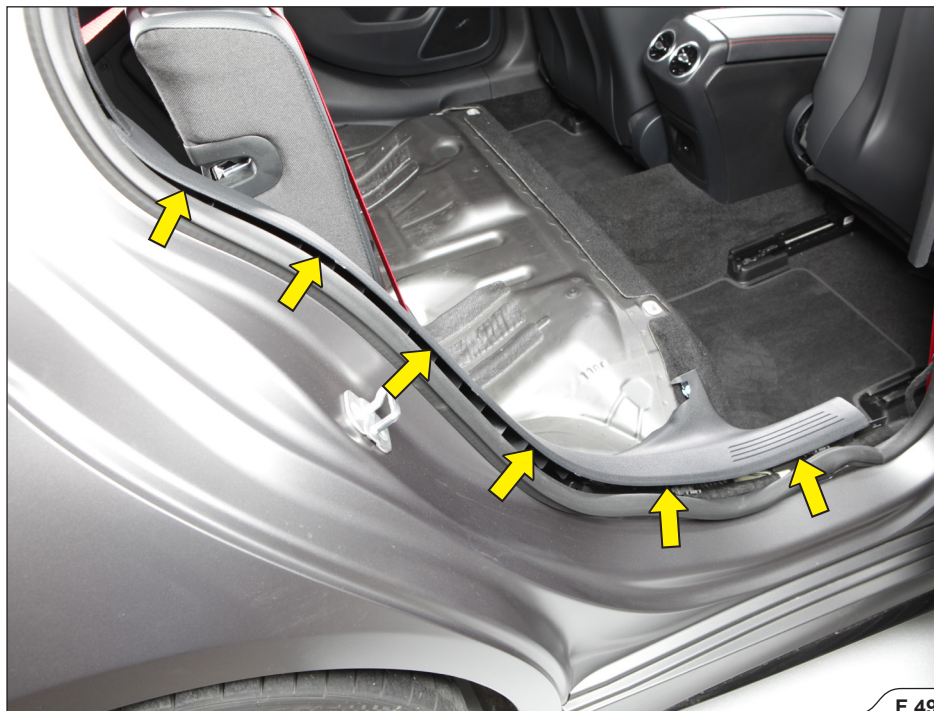
**!** CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



F 48

11. **For AMG A45 FL model only;** Partially remove the marked right side rear door seal trim, as shown; check vehicle manufacturer manual for correct procedure (**F 49**).

**!** **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



**F 49**

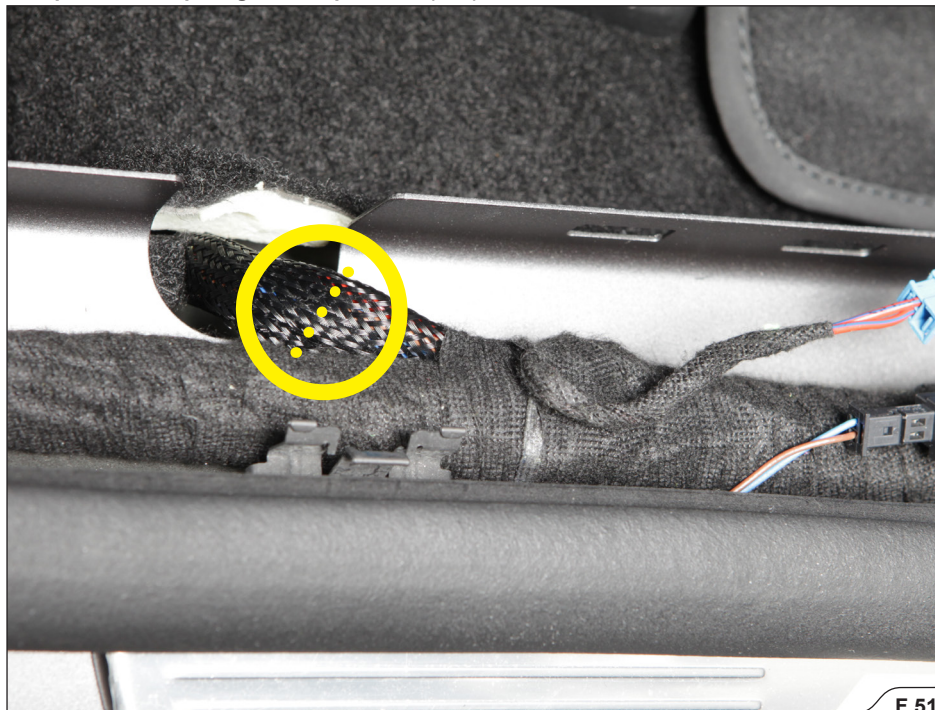
12. **For AMG A45 FL model only;** Locate and carefully expose the **light blue** and **light blue-white** drivetrain CAN pair wires from the marked wiring harness (**F 50, 51, 52**).

**! CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 50

**!** CAUTION: make sure, not to injure yourself or damage the wiring harness, when cutting harness protection / exposing the CAN pair wires (F 51)



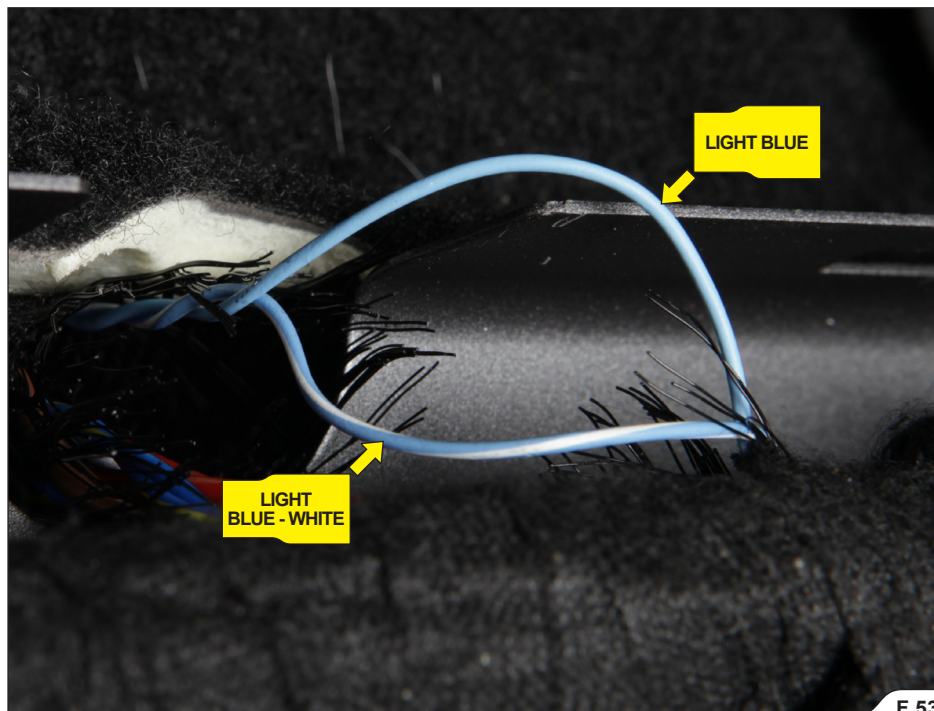
F 51



F 52

13. For AMG A45 FL model only; Carefully separate/untangle the marked **Blue** and **White Blue** CAN pair wires, as shown (F 53).

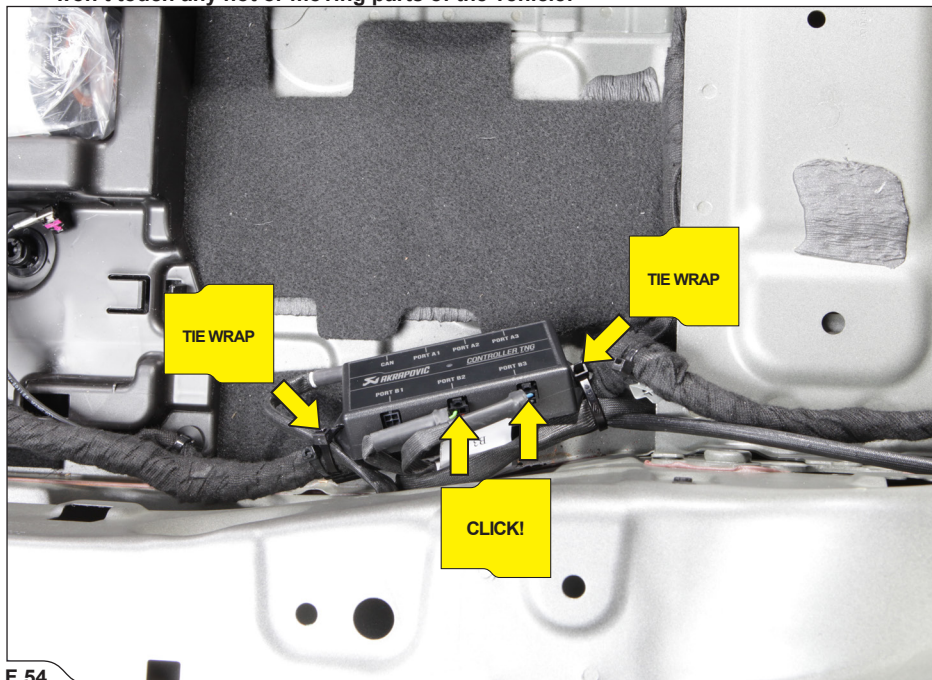
! **IMPORTANT:** make sure not to damage the wires during this process!





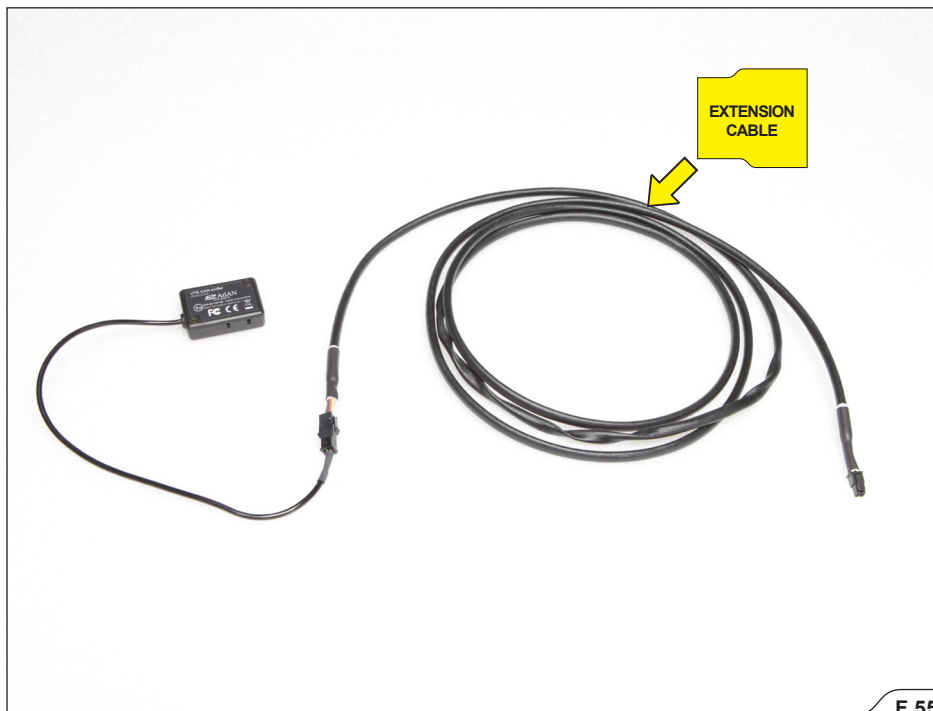
14. **For AMG A45 FL model only;** Install the Control kit unit in the trunk, as shown, secure the unit in place (using tie wraps from Akrapovič installation kit) and correctly connect the actuators wiring (**F 54**).

**!** **IMPORTANT:** make sure to secure all Control Kit components in such a way, that they won't touch any hot or moving parts of the vehicle!



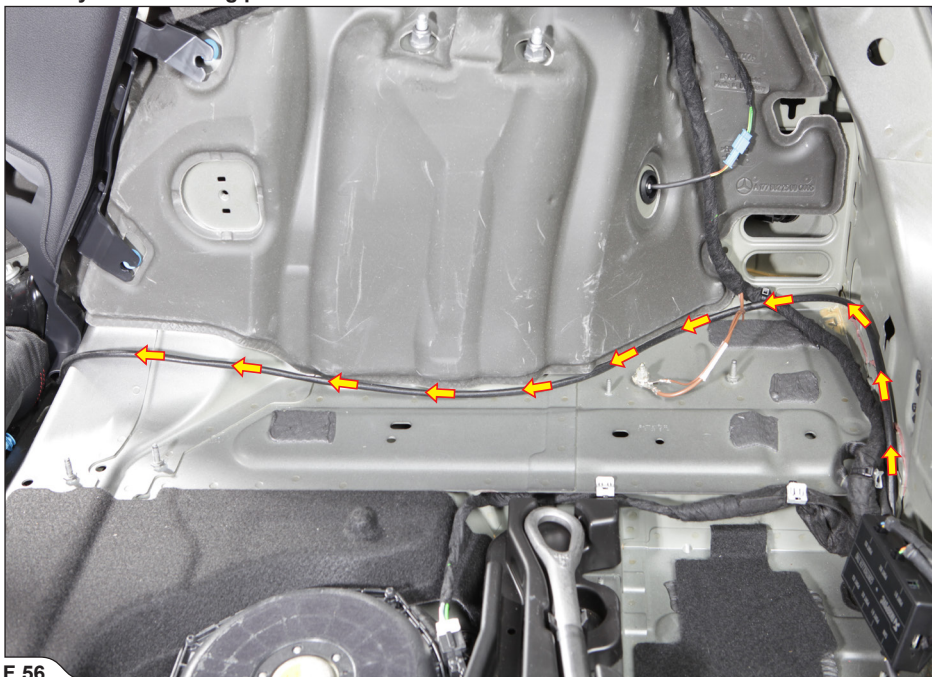
F 54

15. **For AMG A45 FL model only;** Prepare the CAN Sniffer's extension cable, included in Akrapovič installation kit (F 55).



16. **For AMG A45 FL model only;** Connect the extension cable to the Control kit unit in the trunk and lead the cable as shown, to the right door seal; secure the cable in place (using tie wraps from Akrapovič installation kit) and connect it to the CAN Sniffer (F 56, 57, 58, 59, 60).

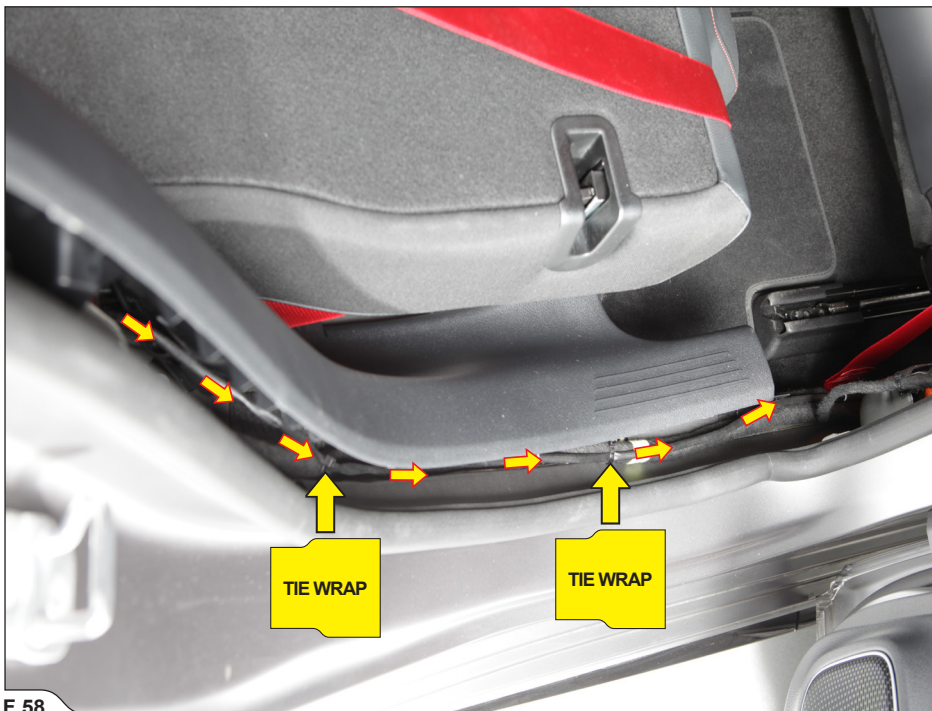
! **IMPORTANT:** make sure to secure all components in such a way, that they won't touch any hot or moving parts of the vehicle!



F 56

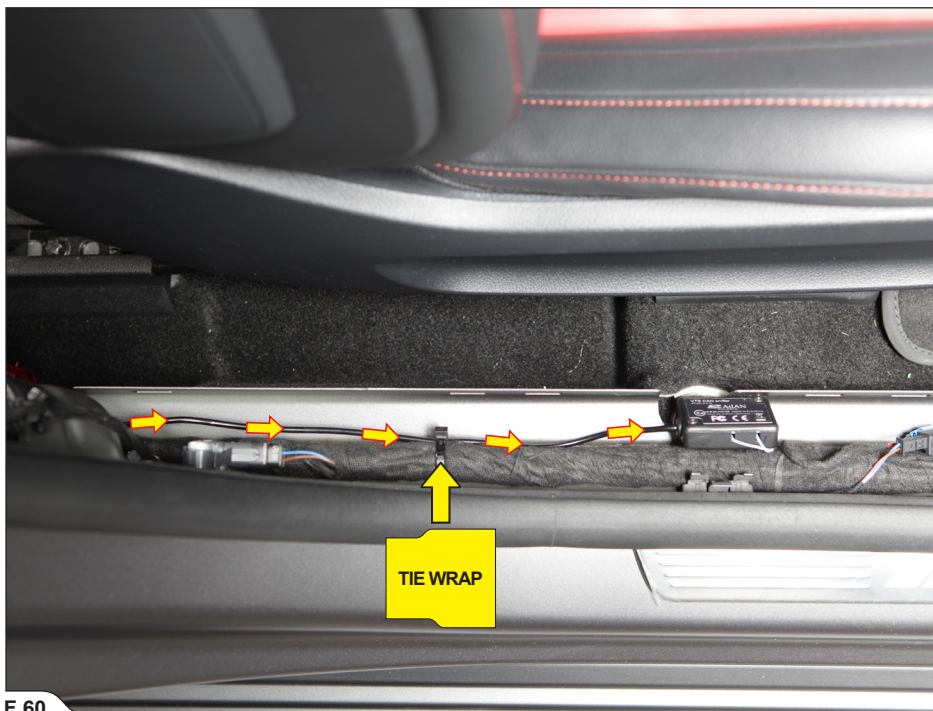


F 57



F 58





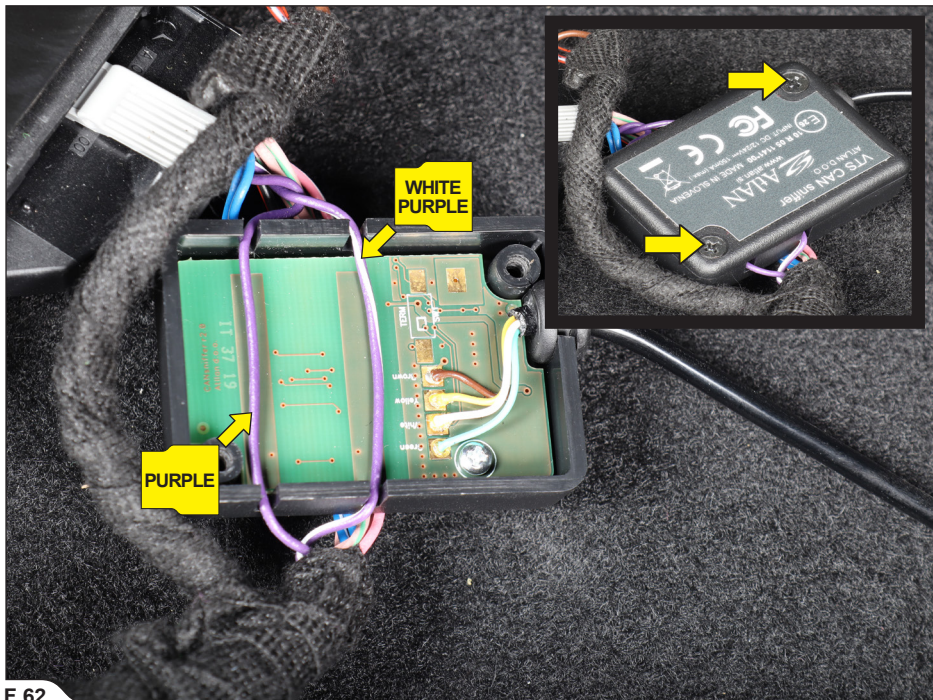
F 60

17. For AMG A45 / A45 S, AMG CLA45 / CLA45 S and AMG GLA45 model only; Unscrew the CAN sniffer's cover, lead the Purple and White-purple wires through the CAN sniffer's wire grooves, as shown and reinstall the cover (F 61, 62).

! **IMPORTANT:** make sure not to damage the wires during this process!



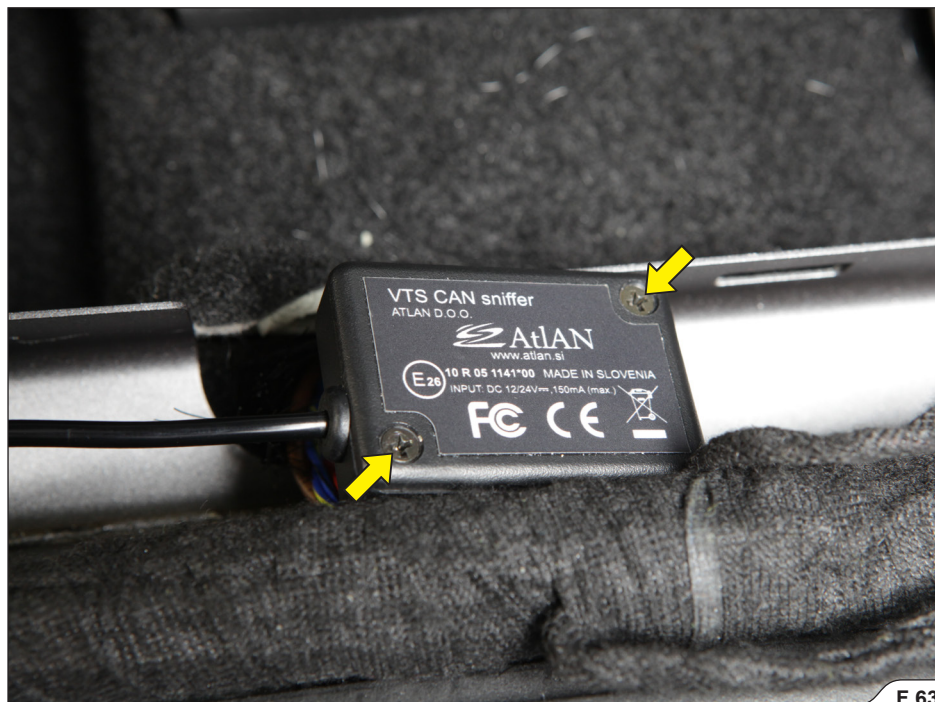




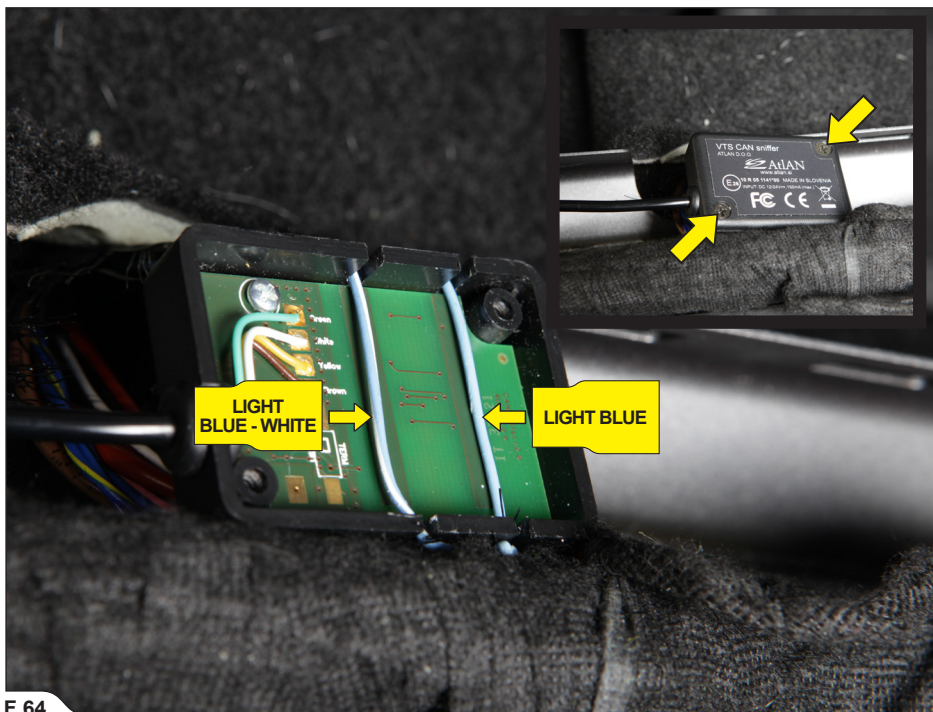
F 62

18. **For AMG A45 FL model only;** Unscrew the CAN sniffer's cover, lead the **Blue** and **White-blue** wires through the CAN sniffer's wire grooves, as shown and reinstall the cover (**F 63, 64**).

! **IMPORTANT:** make sure not to damage the CAN wires during this process!



F 63

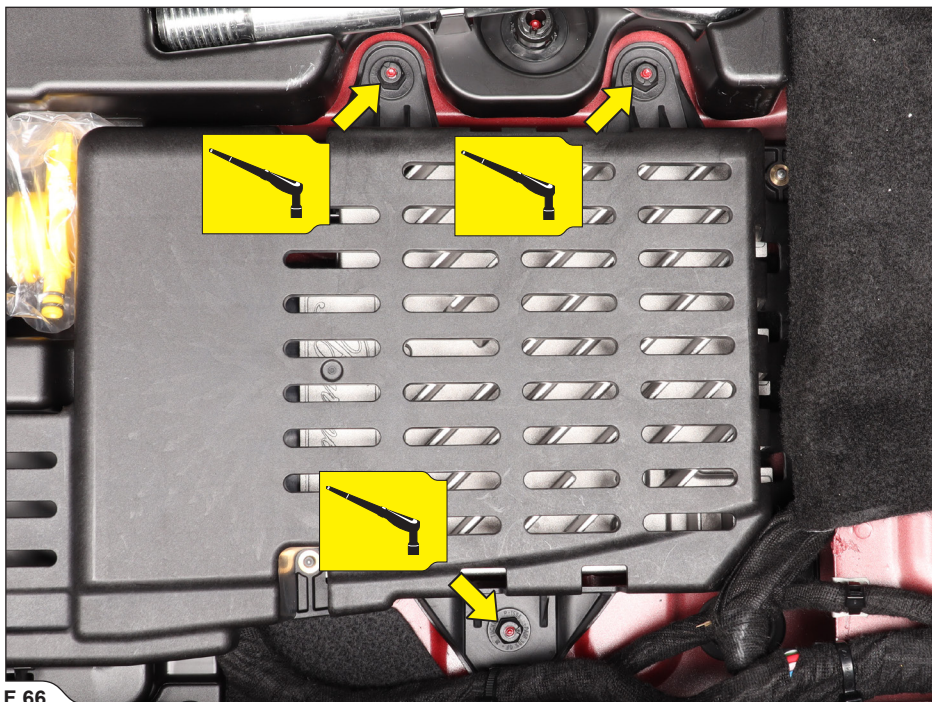


F 64



20. **For AMG A45 FL and GLA 45 model only;** reinstall the control module; check vehicle workshop manual for correct procedures and tightening torques (F 66).

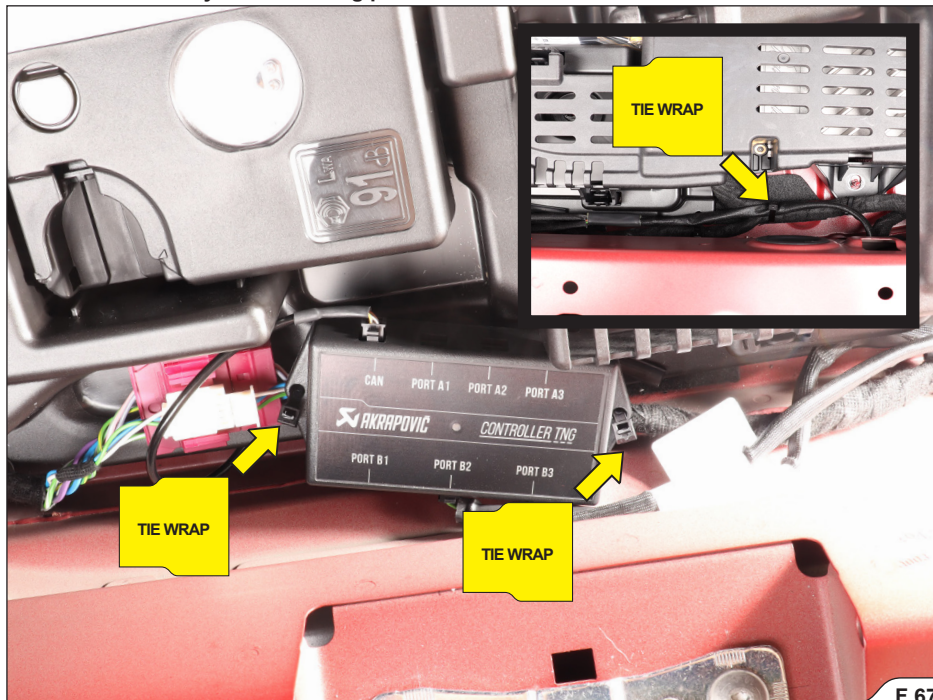
! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 66

21. **For AMG GLA 45 model only;** install and connect the Control kit components in the trunk, as shown; secure all wiring and components in place using tie wraps from Akrapovič installation kit (F 67).

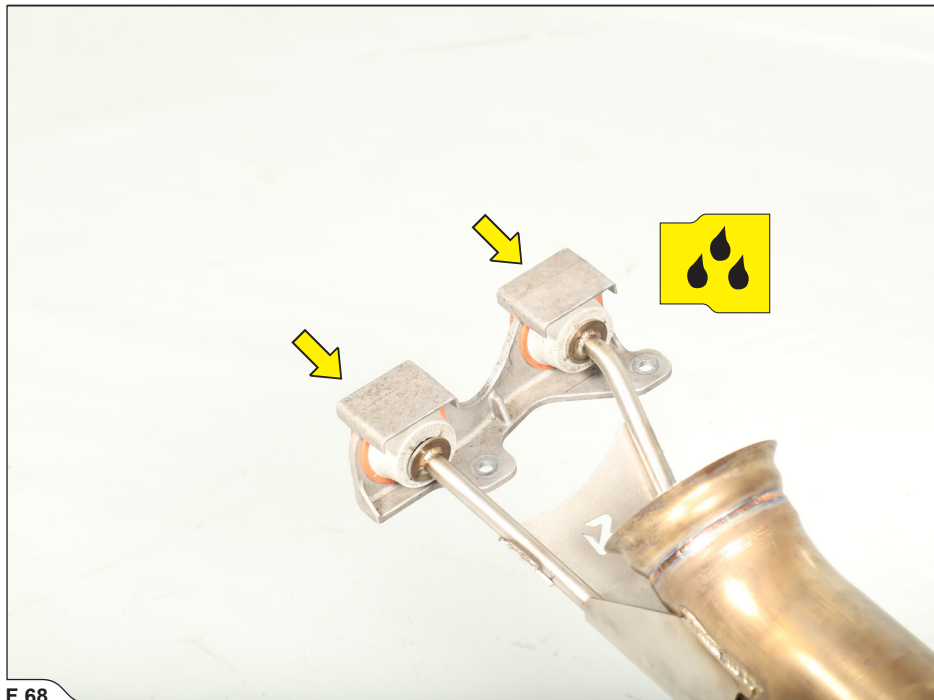
**!** **IMPORTANT:** make sure to secure all Control Kit components in such a way, that they won't touch any hot or moving parts of the vehicle!



22. **For all models:** Mount stock rubber bracket on Akrapovič link-pipe as shown (F 68).

**✂ INSTALLATION TIP:** for easier mounting, lubricate the original rubber bracket (WD40®)\*.

\*WD-40® is a trademark of the WD-40 Company.

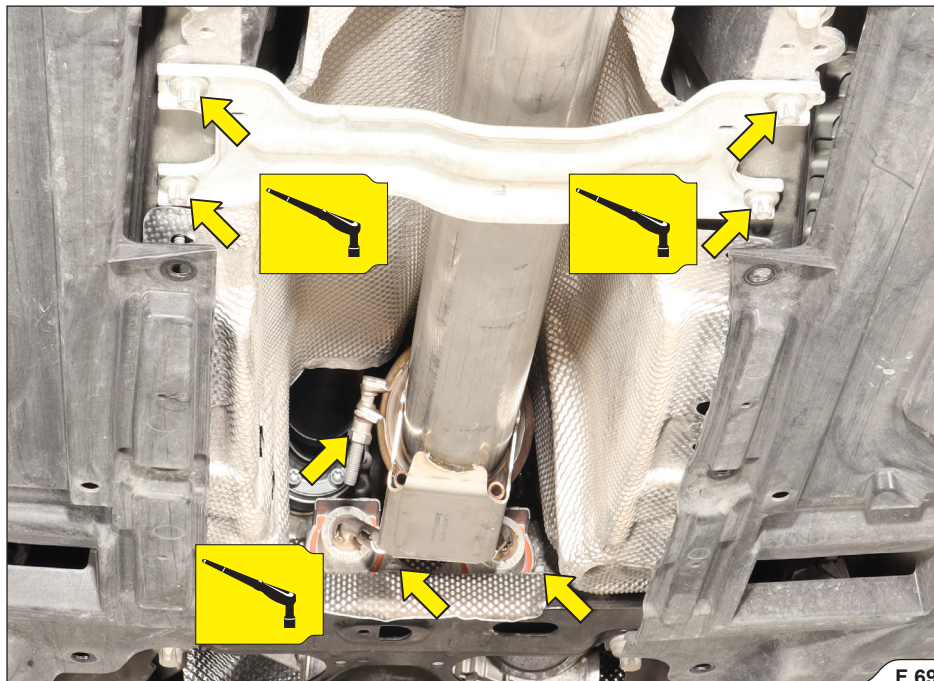


F 68

23. **For all models:** Mount Akrapovič link-pipe onto stock flexible pipe (using, stock clamp and stock nuts) and install the chassis reinforcements back on the chassis; check vehicle manufacturer manual for correct procedures and tightening torques (F 69, 70).

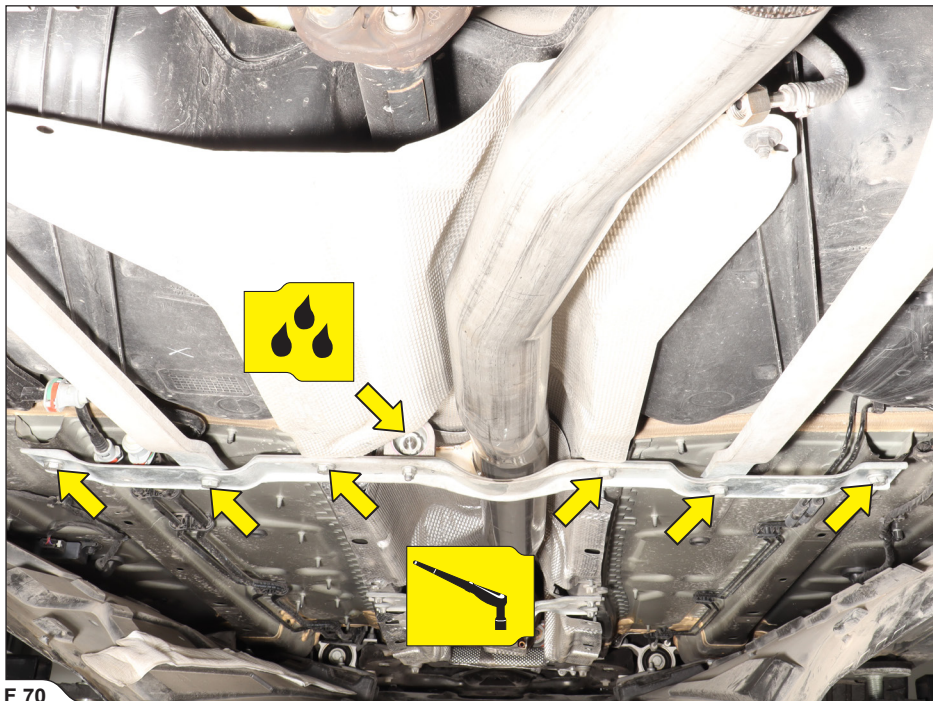
**✚ INSTALLATION TIP:** for easier mounting, lubricate the original rubber bracket (WD40®)\*.

\*WD-40® is a trademark of the WD-40 Company.



F 69

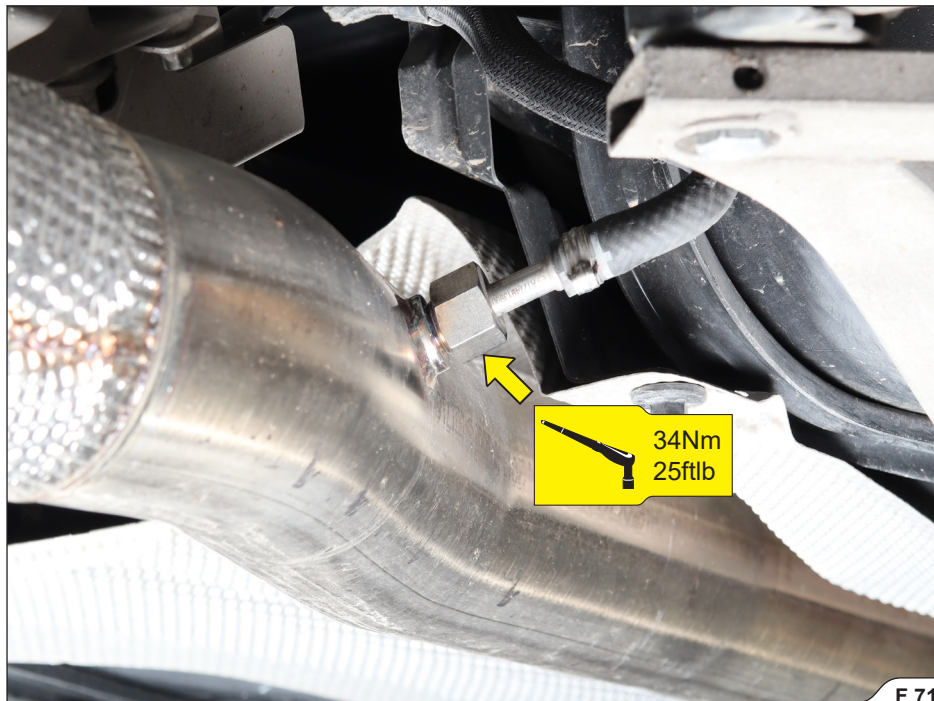




F 70

24. **For all models:** Install the back pressure connection onto Akrapovič link-pipe and tighten it to the specified torque (F 71).

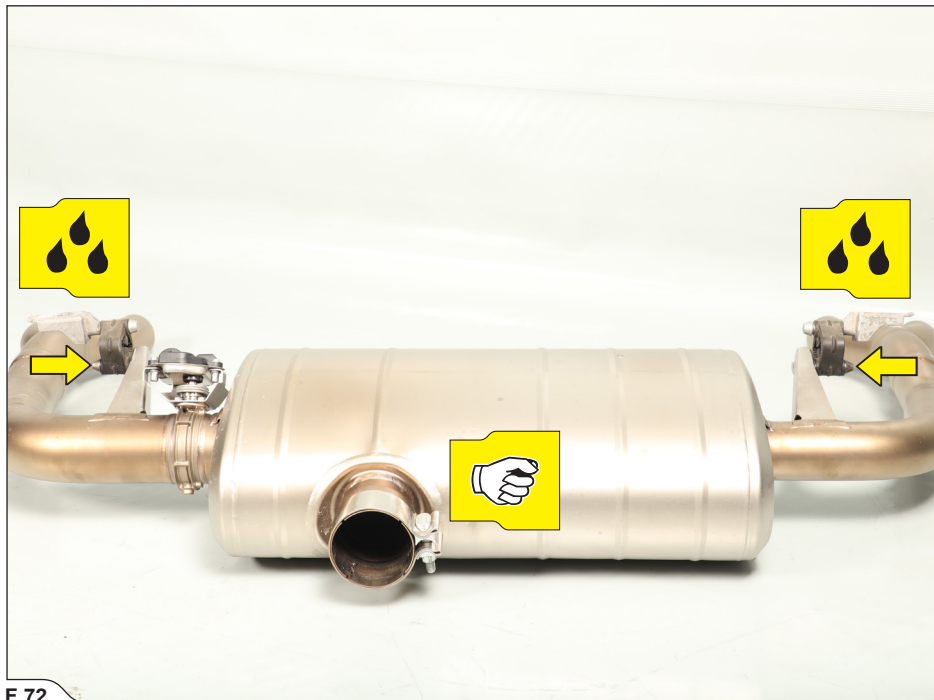
! **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 71

25. **For all models:** Mount stock rubber brackets and clamp from Akrapovič installation kit onto Akrapovič muffler as shown (F 72).

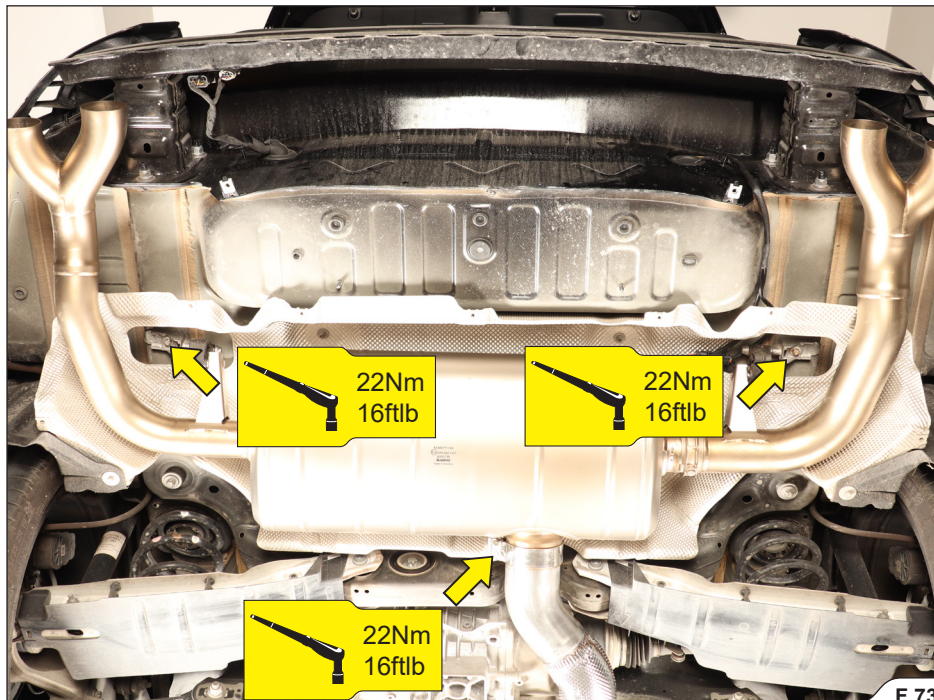
**✚ INSTALLATION TIP:** for easier mounting, lubricate the original rubber bracket (WD40®)\*.  
\*WD-40® is a trademark of the WD-40 Company.



F 72

26. **For all models:** Carefully install the Akrapovič muffler onto the vehicle; tighten and attach all rubber brackets onto the chassis and tighten the clamp from Akrapovič installation kit, to the specified torque (**F 73**).

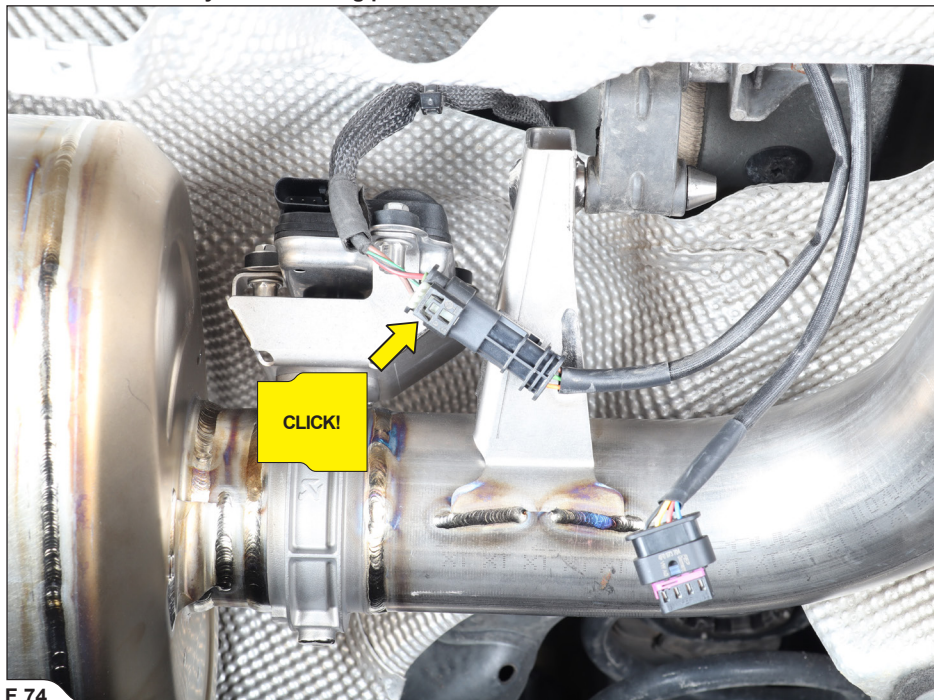
**!** **CAUTION:** make sure not to injure yourself or damage the vehicle or exhaust system during this process!



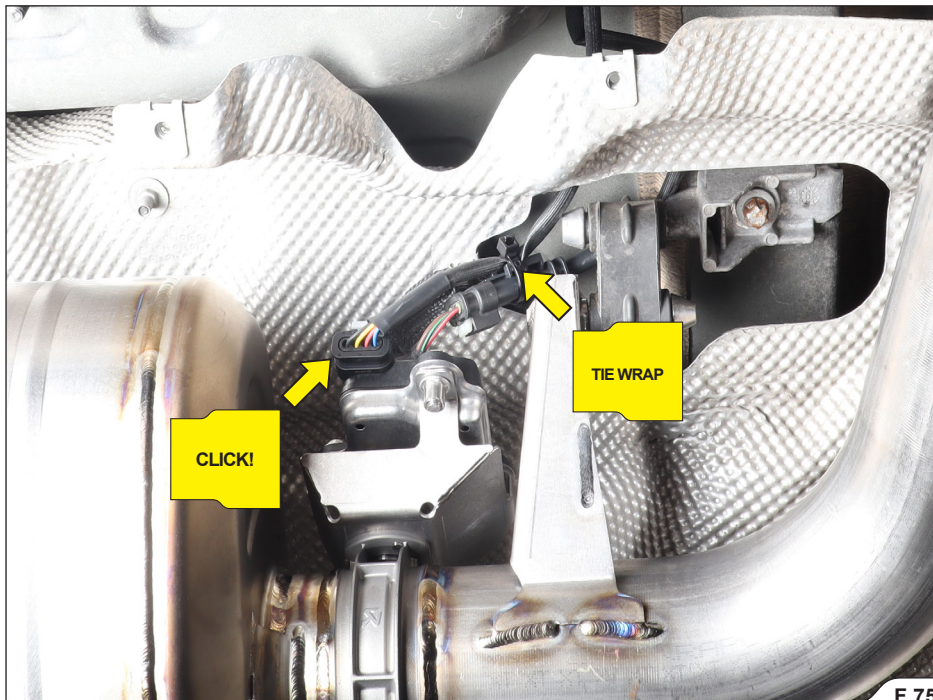
F 73

27. **For all models:** Connect the Akrapovič male connector, with stock flap female connector, then connect the akrapovič female connector into the flap actuator, secure wiring and components in place using tie wraps from Akrapovič installation kit (F 74, 75, 76).

! **IMPORTANT:** make sure to secure all Control Kit components in such a way, that they won't touch any hot or moving parts of the vehicle!



F 74



A45 / A45S /  
A45 FL  
CLA45 / CLA45S

GLA 45

TIE WRAP

F 76

28. For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only; assemble and hand tighten Akrapovič tailpipe with stock tailpipe housing (F 77, 78, 79).

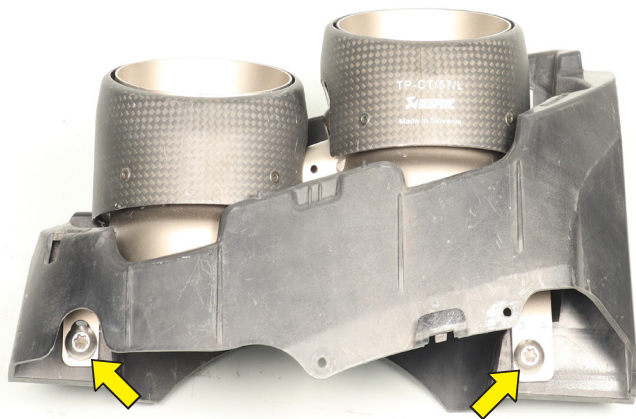
! CAUTION: make sure not to injure yourself or damage any part of the exhaust during this process!







F 78



29. **For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only;** install the tailpipes into the bumper, attaching it with rivets from Akrapovič installation kit; repeat the procedure on both sides of the vehicle (**F 80**).

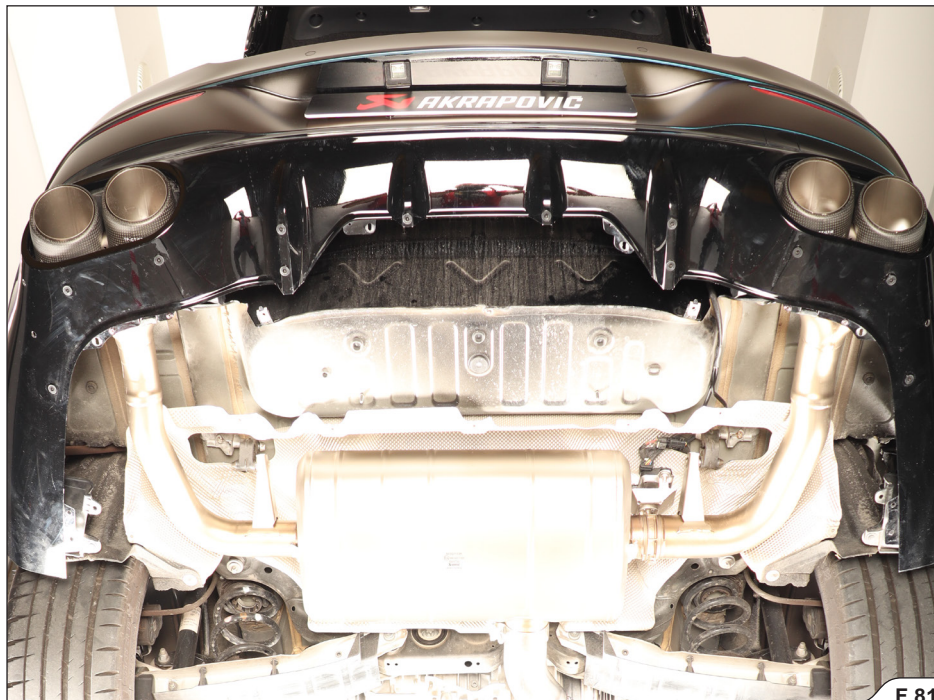
**!** **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 80

30. **For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only;** reinstall the bumper back onto the vehicle in reverse order (F 81).

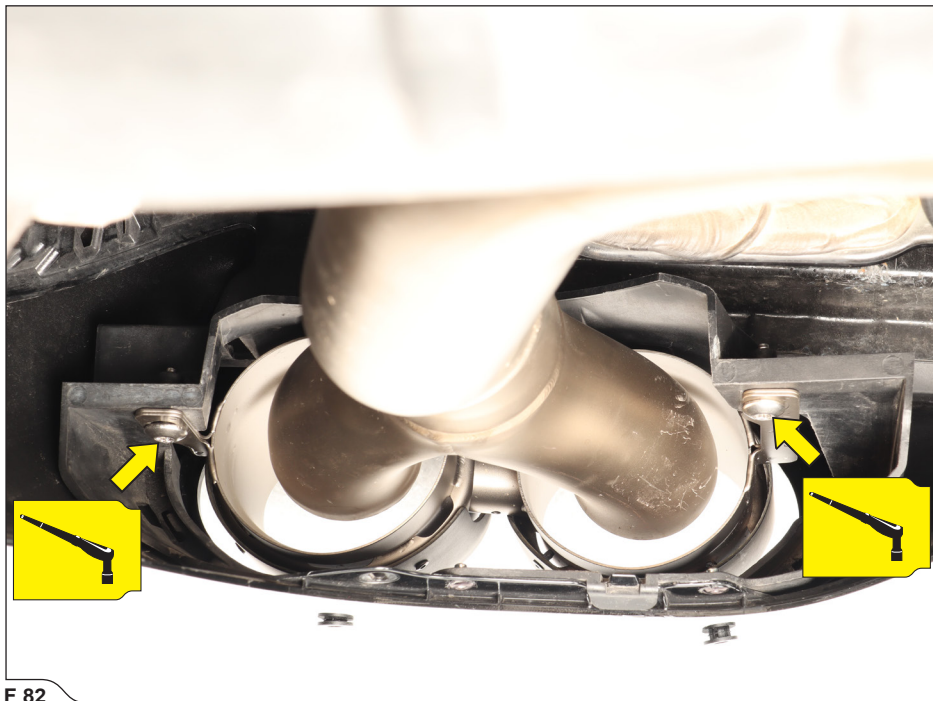
**!** **CAUTION:** make sure not to injure yourself or damage any part of the vehicle during this process!



F 81

31. **For AMG A45 / A45 S / A45 FL and AMG CLA45 / CLA45 S model only;** center and align the tailpipes in respect to the bumper's cutouts and tighten the bolts; check vehicle manufacturer manual for correct procedures and tightening torques (F 82).

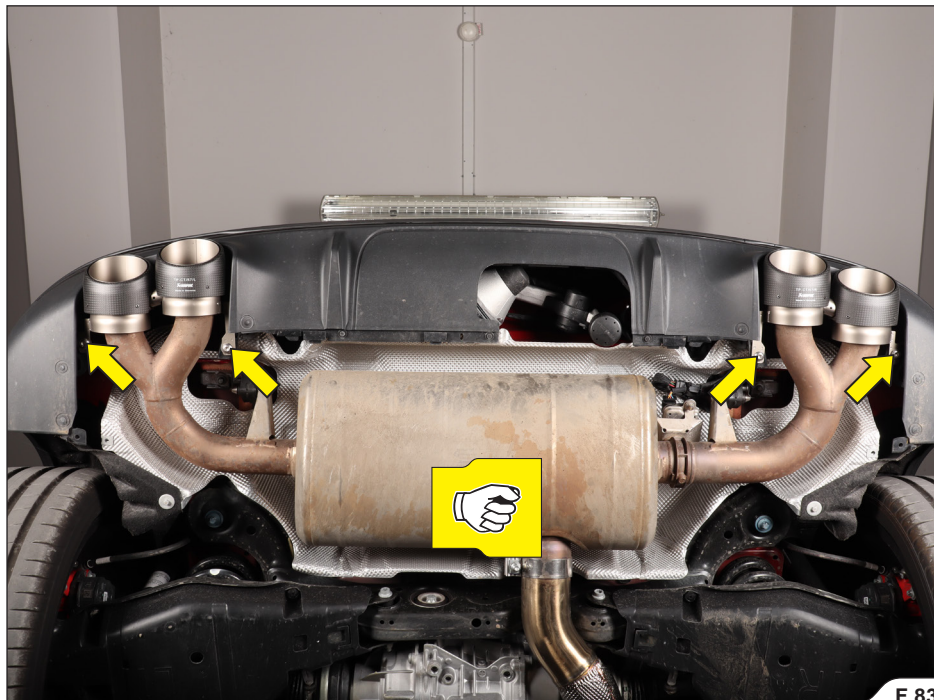
**!** CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



F 82

32. **For AMG GLA 45 model only;** install and hand tighten the tail pipes onto the bumper; make sure, that you attach the marked tail pipes' hooks into the bumper tail pipes' brackets correctly (F 83, 84).

! **IMPORTANT:** make sure, not to damage tail pipes, bumper or any part of the vehicle during this process!



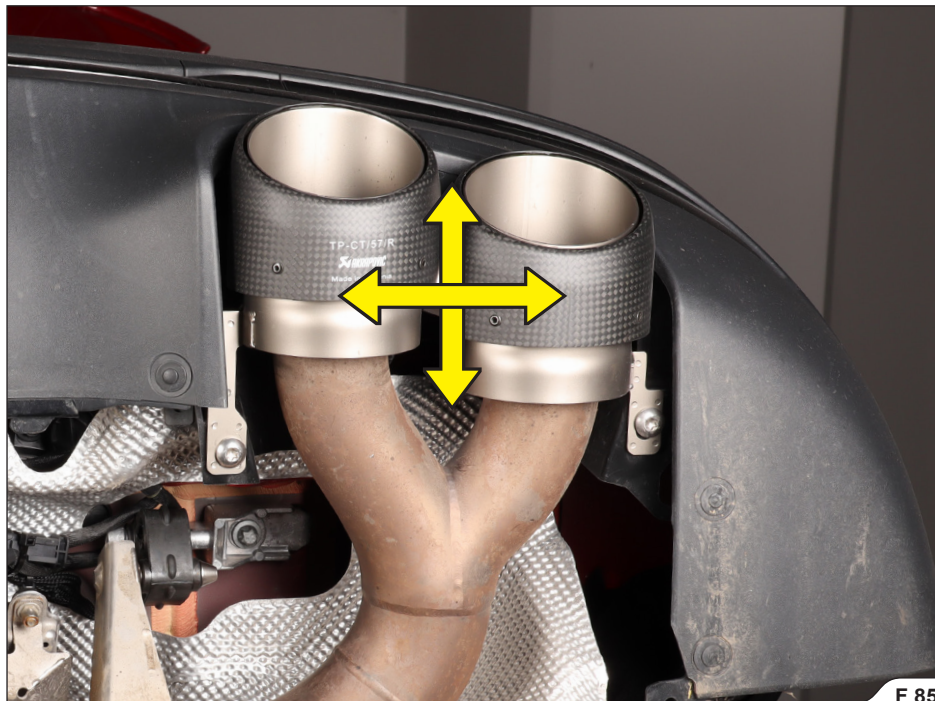
F 83



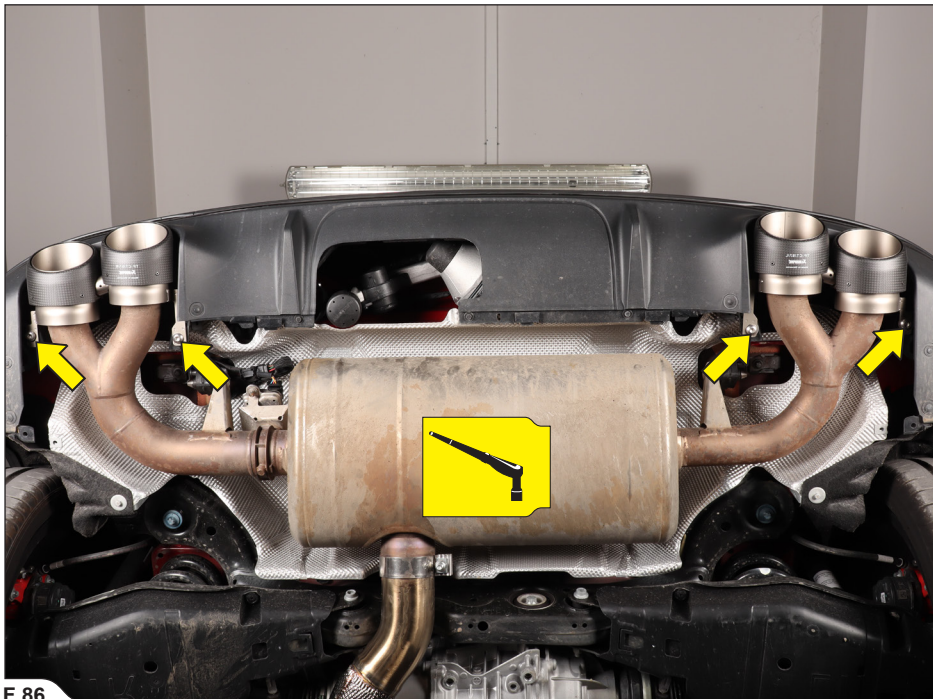
F 84

33. **For AMG GLA 45 model only;** adjust and center both tail pipes in respect to the bumpers' cutouts and tighten the tail pipes bolts onto the brackets; check vehicle manufacturer manual for correct procedures and tightening torques (F 85, 86).

! **CAUTION:** make sure not to injure yourself, damage the tail pipes or any part of the vehicle during this process!







F 86

34. **For all models:** Reinstall all dismantled stock parts; check vehicle manufacturer manual for correct procedures and tightening torques.

**! CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!**

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## FINAL INSTALLATION:

- ! **IMPORTANT:** reinstall the dismantled or partially removed stock parts (wheel arches, bumper etc.); check vehicle manufacturer workshop manual for correct procedures and tightening torques.
- ! **IMPORTANT:** make sure all the nuts and bolts are sufficiently tightened. In case the Akrapovič product touches the cowling or other parts, repeat the adjustment of the product or contact your authorized dealer.
- ! **IMPORTANT:** clean all Akrapovič product's surfaces before the first start of the engine or the stains will burn onto the surfaces!
- ! **IMPORTANT:** in case any component of the Akrapovič product is equipped with DMC code sticker, the sticker and glue residue should be removed from the component, before first use!

## MAINTENANCE OF THE AKRAPOVIČ PRODUCT:

1. Clean all Akrapovič product's surfaces. Cleaning will prevent spots from burning onto the surface. Do not use aggressive chemical cleaners, because they can damage the surface:
  - **Titanium surfaces** (titanium muffler's outer sleeve, titanium pipes etc): use a soft cloth sprayed with a multi-purpose spray lubricant (WD-40® or equivalent)\*, then wipe with a soft dry cloth.
  - **Carbon-fiber surfaces** (carbon-fiber outlet cap, carbon-fiber muffler's outer sleeve, carbon-fiber bracket etc): use a soft dry cloth sprayed with all purpose foam cleaner, then wipe with a soft dry cloth.
  - **Painted surfaces** (painted outlet cap, painted muffler's outer sleeve, painted bracket etc): use a soft cloth sprayed with all purpose foam cleaner, then wipe with a soft dry cloth.
  - **Chrome plated surfaces** (chrome plated outlet cap, chrome plated muffler's outer sleeve etc): use a soft cloth sprayed with all purpose foam cleaner, then wipe with a soft dry cloth.
  - **Stainless steel surfaces** (stainless steel muffler's outer sleeve, stainless steel pipes etc): use a soft cloth sprayed with a contact cleaner, then wipe with a soft dry cloth.
- \*WD-40® is a trademark of the WD-40 Company.
2. Periodically check if all the Akrapovič product's nuts and bolts are sufficiently tightened.

- ! **IMPORTANT: IT IS NORMAL FOR WHITE SMOKE TO COME OUT OF THE MUFFLER AT FIRST OPERATION.**
- ! **CAUTION: DO NOT STAND BEHIND THE MUFFLER AT ANY TIME.**
- ! **IMPORTANT: DO NOT USE AUTOMOTIVE WHEEL CLEANERS OR ANY CLEANING PRODUCTS WHICH CONTAIN ACIDIC ADDITIVES TO CLEAN THE AKRAPOVIČ EXHAUST SYSTEMS.**
- ! **IMPORTANT: WE RECOMMEND HIGH CAUTION WHEN USING POWER / PRESSURE WASHER FOR CLEANING PAINTED / LACQUERED SURFACES OF THE AKRAPOVIČ COMPONENTS, TO AVOID PAINT / LACQUER DAMAGE.**
- ! **IMPORTANT: SOME OF THE AKRAPOVIČ CARBON FIBER COMPONENTS ARE ADDITIONALLY PROTECTED AGAINST ROCK CHIPS WITH CLEAR LACQUER PROTECTION FILM. THE PROTECTION FILM IS AVAILABLE AS SPARE PART BY AKRAPOVIČ COMPANY. THE PROTECTION FILM IS NOT THE SUBJECT OF THE AKRAPOVIČ WARRANTY.**
- ! **IMPORTANT: ALL AKRAPOVIČ PRODUCTS ARE DEVELOPED AND DESIGNED TO BE USED ON SPECIFIC VEHICLES, FOR THEIR ENTIRE EXPECTED LIFETIME. PLEASE MAKE SURE THAT END-OF-LIFE AKRAPOVIČ PRODUCT IS DISASSEMBLED TO COMPONENTS SHOWN IN THE PRODUCT'S SCHEMATIC DIAGRAM AVAILABLE ON THE AKRAPOVIČ WEBSITE AND EACH COMPONENT SCRAPPED RESPONSIBLY AND ACCORDING TO APPLICABLE LOCAL LAWS AND REGULATIONS. AKRAPOVIČ DOES NOT ASSUME ANY OBLIGATION OR RESPONSIBILITY WITH RESPECT TO THE SCRAPPING PROCESS OR PROVIDING INFORMATION RELATED THERETO.**
- ! **CAUTION: THE EXHAUST SYSTEM CAN BE EXTREMELY HOT. ALLOW THE EXHAUST AND ENGINE TO COOL DOWN BEFORE BEGINNING INSTALLATION OR ANY OTHER WORK ON THE EXHAUST SYSTEM. THIS MANUAL IS SPECIFIC TO THE MERCEDES-AMG A45 TYPE (W177)/CLA45 (X118/C118). THERE MAY BE SOME DIFFERENCES IN INSTALLATION PROCEDURES FOR OTHER MODELS.**

**[EMPTY PAGE]**

**TROUBLESHOOTING:**

<b>Problem</b>	<b>Possible cause</b>	<b>Solution</b>
Exhaust gas leaks out of the muffler/ pipe clamp connections	loosened clamp	tighten the clamp to specified torque
	connection is not completely joined	tap the connection into place and tighten the clamp to specified torque
Valves are not moving	No supply	Check green LED on the Control Kit. <b>If the LED is off:</b> <ul style="list-style-type: none"><li>• Check electrical connection and connectors</li><li>• Check fuse for exhaust valves (in the trunk, right)</li></ul>
	Error detected	Check green LED on the Control Kit. <b>If the LED blinks one time per period:</b> <ul style="list-style-type: none"><li>• Check Left input harness and connectors.</li></ul> <b>If the LED blinks two times per period:</b> <ul style="list-style-type: none"><li>• Check Right Input harness and connectors.</li></ul> <b>If the LED blinks three times per period:</b> <ul style="list-style-type: none"><li>• Check Left Output harness and connectors.</li></ul> <b>If the LED blinks four times per period:</b> <ul style="list-style-type: none"><li>• Check Right Output harness and connectors.</li></ul> <b>If the LED is continuously blinking:</b> <ul style="list-style-type: none"><li>• Check if CAN sniffer is properly installed.</li><li>• Check CAN sniffers connections and connector</li></ul> Period lasts approximately one second.

## DECLARATION OF CONFORMITY OF CONTROLLER TNG

COMPANY: Akrapovič d.d.  
ADDRESS: Malo Hudo 8a  
1295 Ivančna Gorica, Slovenia

declares that the following products:

Product name: Controller TNG  
Trade Name: Akrapovič  
Type or model: P-AE100

is in conformity with the requirements of the following Directives of the European Union:  
Regulation UN/ECE-R10 rev6



10R -06 1323

## FCC NOTICE

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: **(1)** This device may not cause harmful interference, and **(2)** this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

You can view your product's FCC Declaration of Conformity (DoC) to the FCC 47 CFR Part 15, SubpartB, at: <http://www.akrapovic.com/docs/ControllerTNG/FCCCertification.pdf>.



## European Union Directives Conformance Statement

**CE** Akrapovič d.d. hereby declares that this Akrapovič Controller TNG P-AE100 is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU.

You can view your product's Declaration of Conformity (DoC) to Directive 2014/30/EU (to EMC Directive) at: <http://www.akrapovic.com/docs/ControllerTNG/CECertification.pdf>.

## DECLARATION OF CONFORMITY

COMPANY: Atlan d.o.o.  
ADDRESS: Sveti Anton, Hrib 9  
6276 Pobegi, Slovenia

declares that the following products:

Product name: Communication Detector  
Trade Name: Atlan  
Type or model: VTS CAN SNIFFER

is in conformity with the requirements of the following Directives of the European Union:  
Regulation UN/ECE-R10 rev5



10 R - 05 1141

## FCC NOTICE

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: **(1)** This device may not cause harmful interference, and **(2)** this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

You can view your product's FCC Declaration of Conformity (DoC) to the FCC 47 CFR Part 15, SubpartB, at <http://www.akrapovic.com/docs/CanSniffer/FCCCertification.pdf>.

## Industry Canada compliance statement

**This Class B digital apparatus complies with Canadian ICES-003.** This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

**(1)** this device may not cause interference, and **(2)** this device must accept any interference, including interference that may cause undesired operation of the device.

**Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.** Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

**(1)** l'appareil ne doit pas produire de brouillage, et **(2)** l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## European Union Directives Conformance Statement

**CE** Atlán d.o.o. hereby declares that this Atlán Communication Detector VTS Can Sniffer is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU.

You can view your product's Declaration of Conformity (DoC) to Directive 2014/30/EU (to EMC Directive) at: <http://www.akrapovic.com/docs/CanSniffer/CECertification.pdf>.

[www.akrapovic.com](http://www.akrapovic.com)

