AKRAPOVIČ

Installation instructions

Akrapovič Product:
Slip-On Line
for the
Porsche Panamera V8 (type 976)

Document nr.:
D249.1.00.0566 A

www.akrapovic.com

Installation instructions

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Slip-On Line
for the
Porsche Panamera V8 (type 976)

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

The Akrapovič trademark, including corporate logos and emblems, are subject to copyright as well as trademark rights of Akrapovič, its licensors, or third persons authorizing Akrapovič to use them.

Any reproduction, technical or other manipulation, translation, or other use of the copyright and/or trademark rights contained herein is prohibited without the explicit prior written consent of Akrapovič. The same especially applies to the entire contents of this manual and/or any of its parts, including but not limited to technical specifications, instructions, graphs, photographs, and so on included in this manual.

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.

SAFETY AND COMPLIANCE WARNING, PLEASE READ CAREFULLY

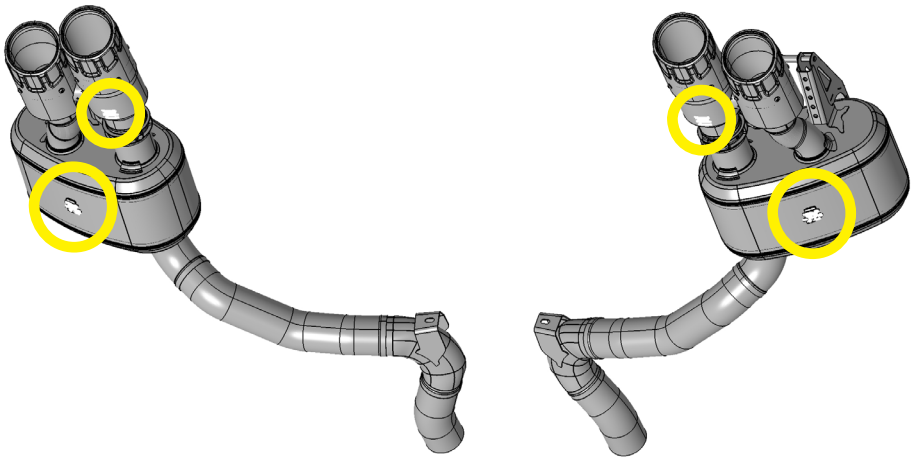
BEFORE REMOVING THE STOCK PARTS AND BEGINNING THE INSTALLATION OF YOUR NEW AKRAPOVIČ PRODUCT, PLEASE MAKE SURE THAT ALL ITEMS LISTED BELOW ARE VERIFIED:

- 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 recieved 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). 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 POSITIONS:



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). 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.



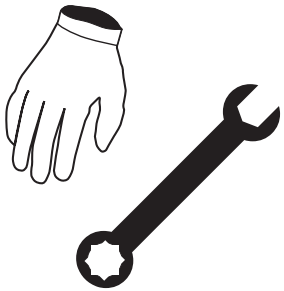
USE ANTI-SEIZE LEAD-FREE COPPER PASTE (black tube)

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.**



Tools & equipment

- **mechanic gloves**
- **eye protection**
- **Torx 25**
- **Torx 30**
- **Torx 40**
- **Torx E12**
- **Combination 10 mm wrench**
- **Combination 13 mm wrench**
- **Long Socket 16 mm**
- **T-handle 13 mm swivelling wrench**
- **T-handle 16 mm swivelling wrench**
- **T-handle 10 mm wrench**
- **Pipe cutting tool**
- **Rubber bracket unhooking tool**
- **Small flat screwdriver**
- **Cutting nippers**

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).

IMPORTANT: The car should be in the off position throughout the dismounting 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.

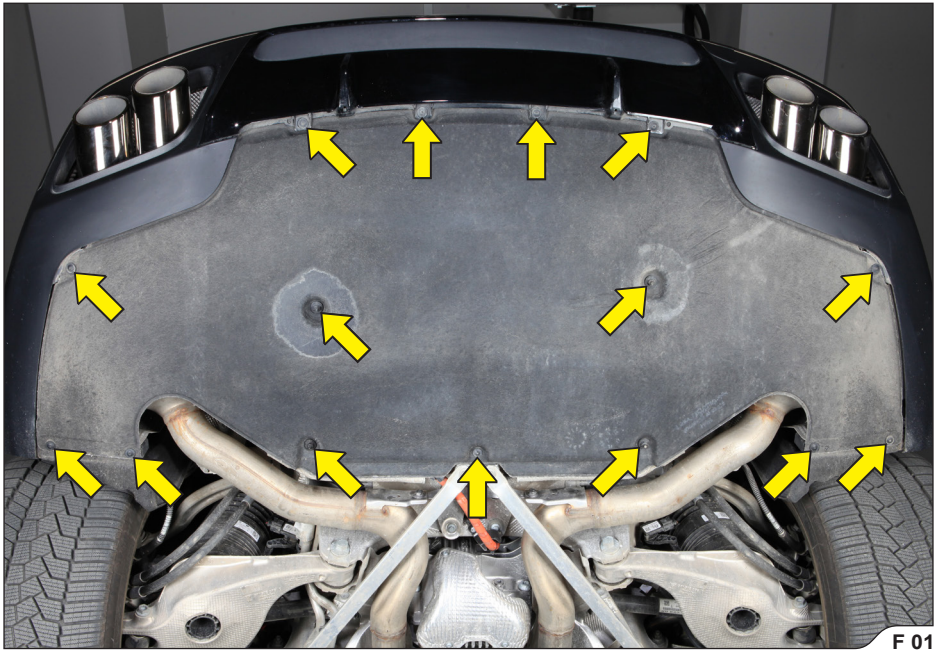
REMOVAL OF STOCK EXHAUST SYSTEM:

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. Unscrew the marked bolts and nuts and carefully remove the rear under-floor panel **(F 01).**

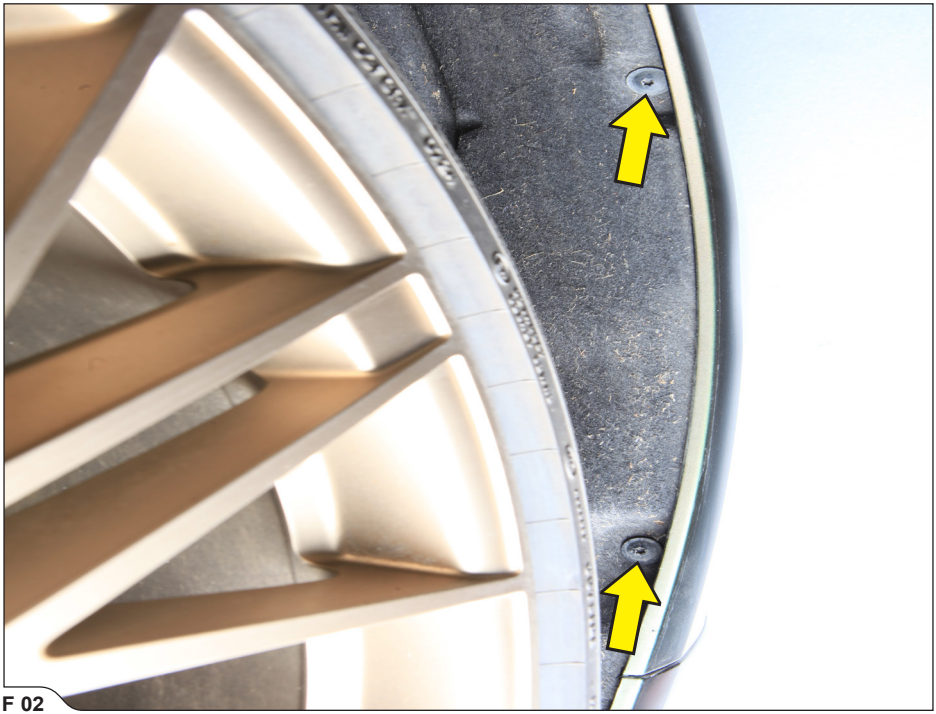
! **CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!**



F 01

2. Unscrew the marked bolts on both sides of the vehicle and carefully, partially move both wheel arch trims out of the way **(F 02, 03).**

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



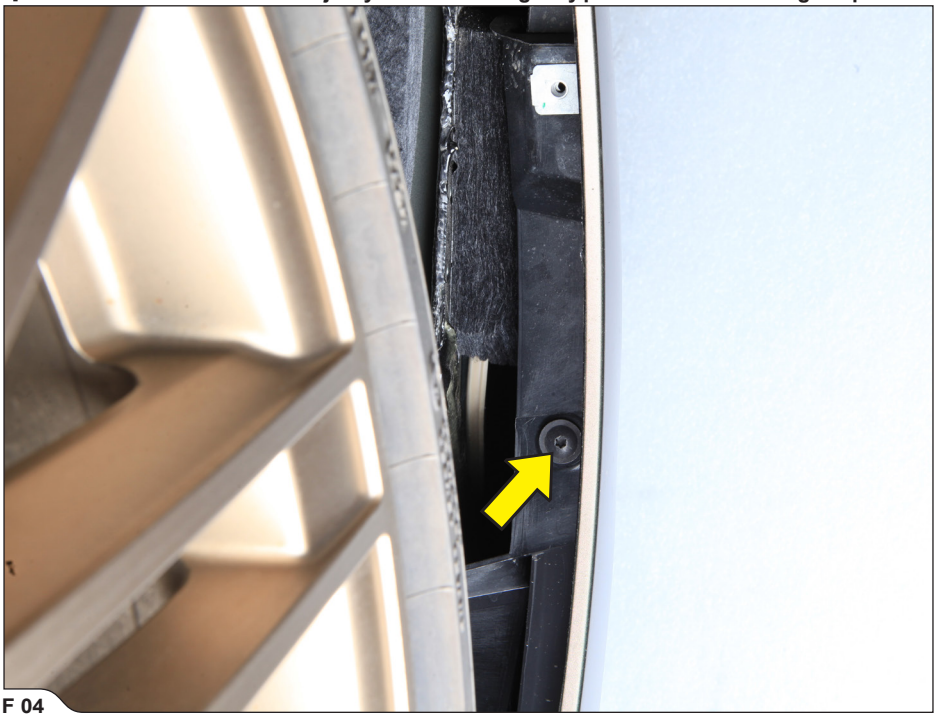
F 02



F 03

3. Unscrew the marked bolts on both sides of the vehicle, remove the marked trim, unscrew the marked bolts, disconnect the marked electrical connector and carefully remove the rear bumper off the vehicle **(F 04, 05, 06, 07, 08, 09, 10, 11).**

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



F 04



F 05



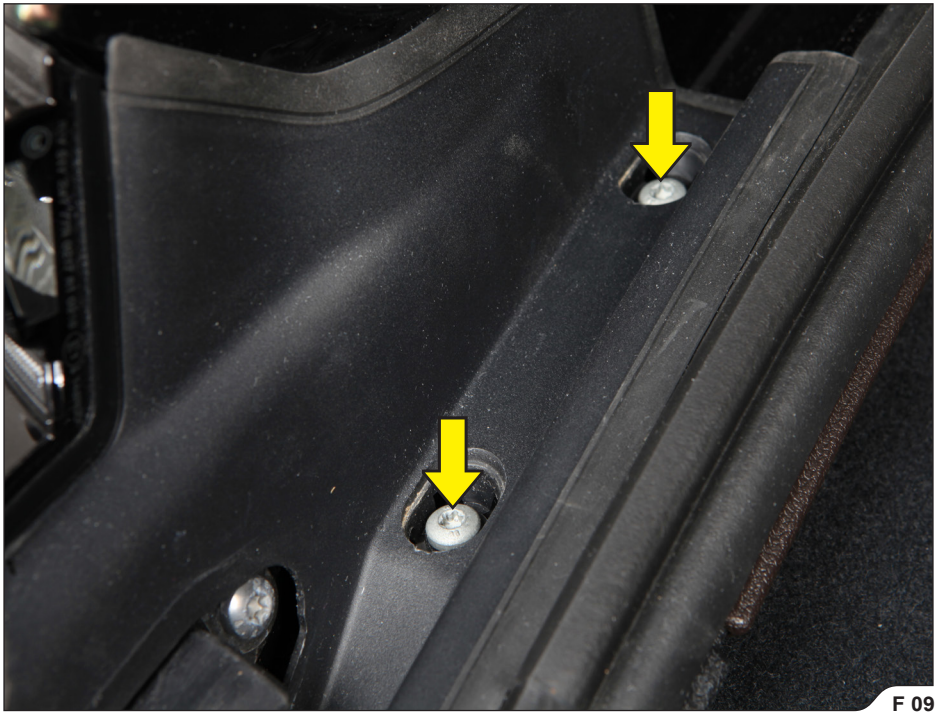
F 06



F 07



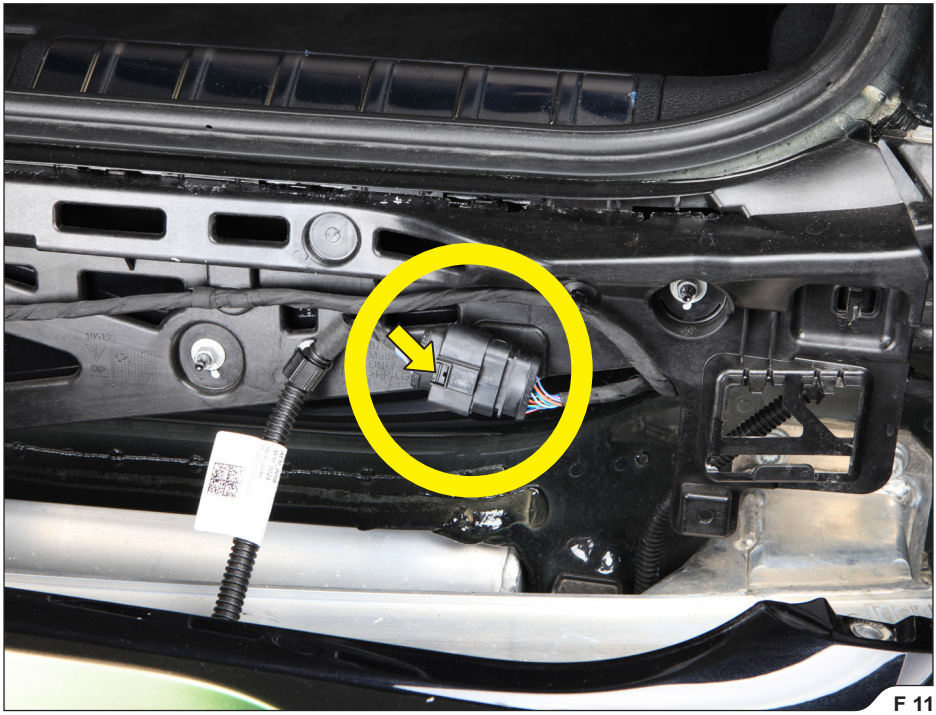
F 08



F 09



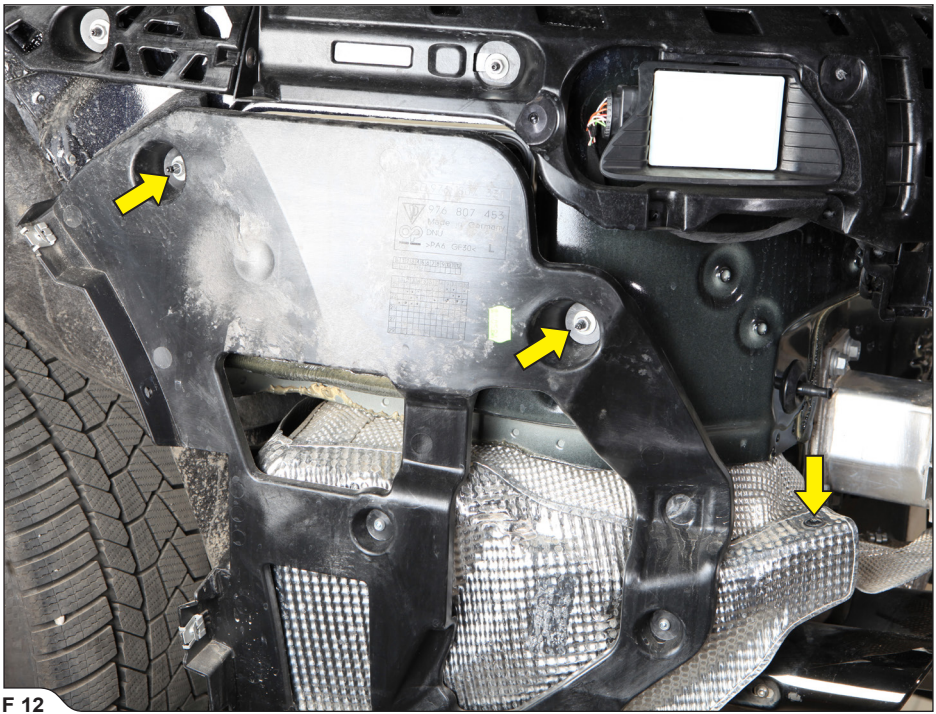
F 10



F 11

4. Unscrew the marked bolts on both sides of the vehicle and carefully, partially move both bumper's side brackets out of the way - for easier exhaust system removal **(F 12).**

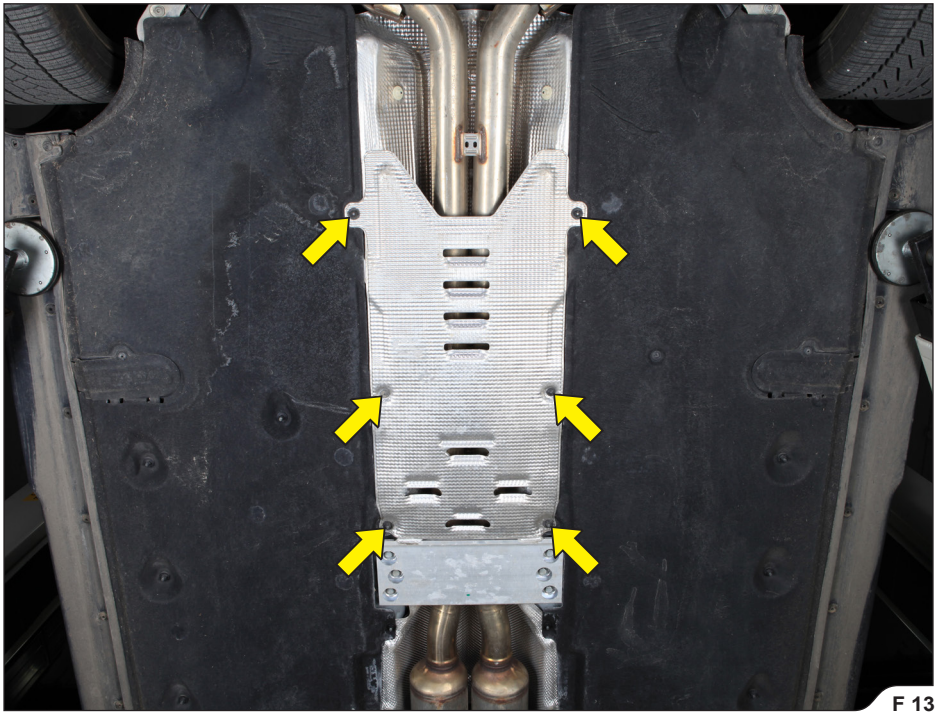
! CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



F 12

5. Unscrew the marked nuts and bolts and remove the heat shield off the vehicle **(F 13).**

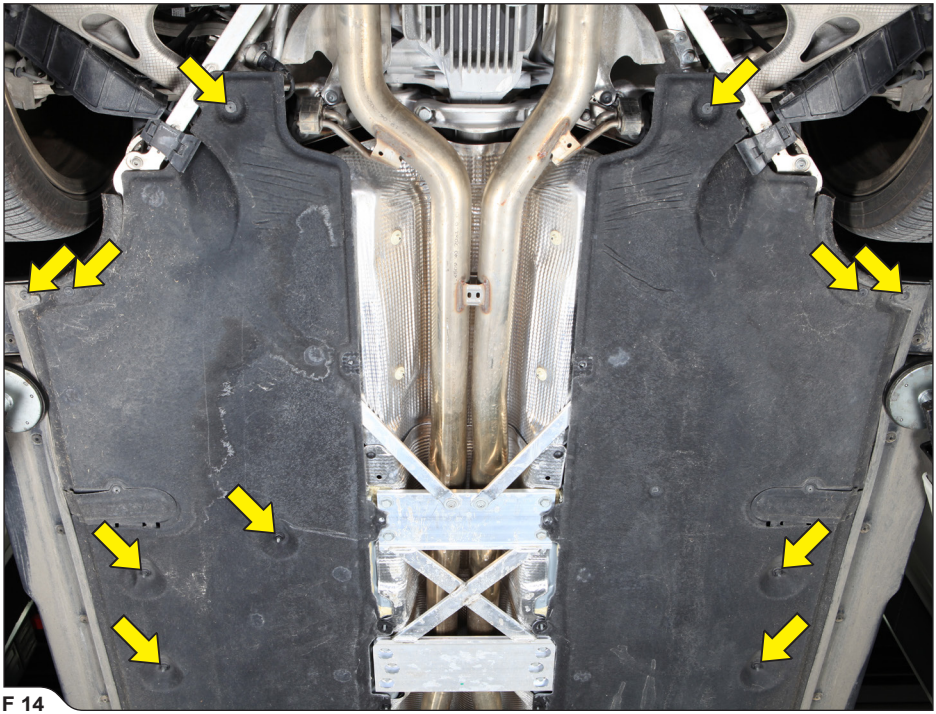
! CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



F 13

6. Unscrew the marked nuts and bolts and partially move under floor panels out of the way **(F 14).**

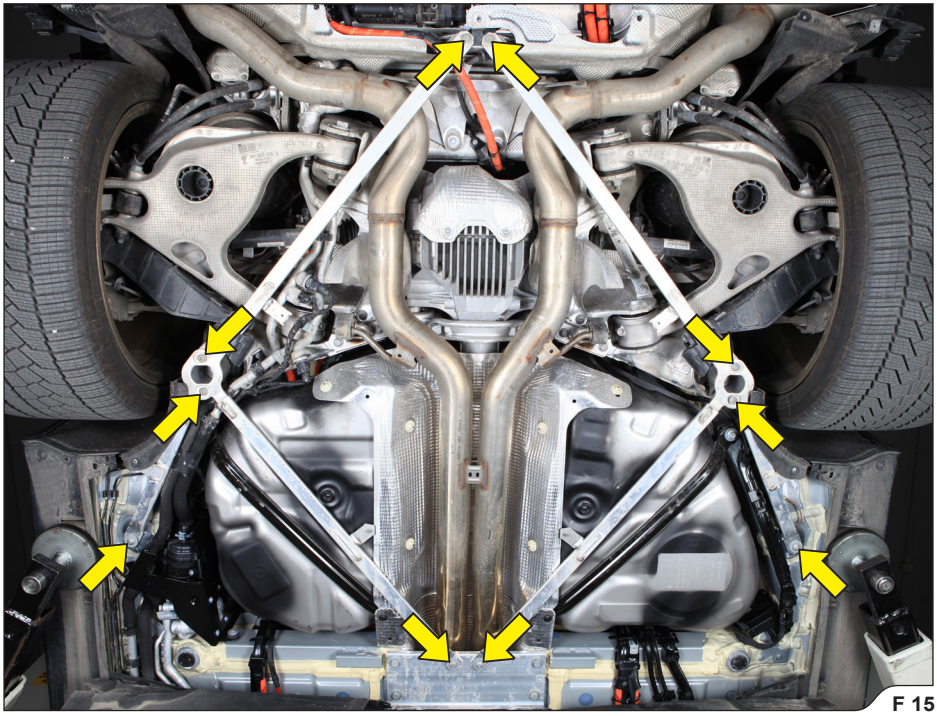
! **CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!**



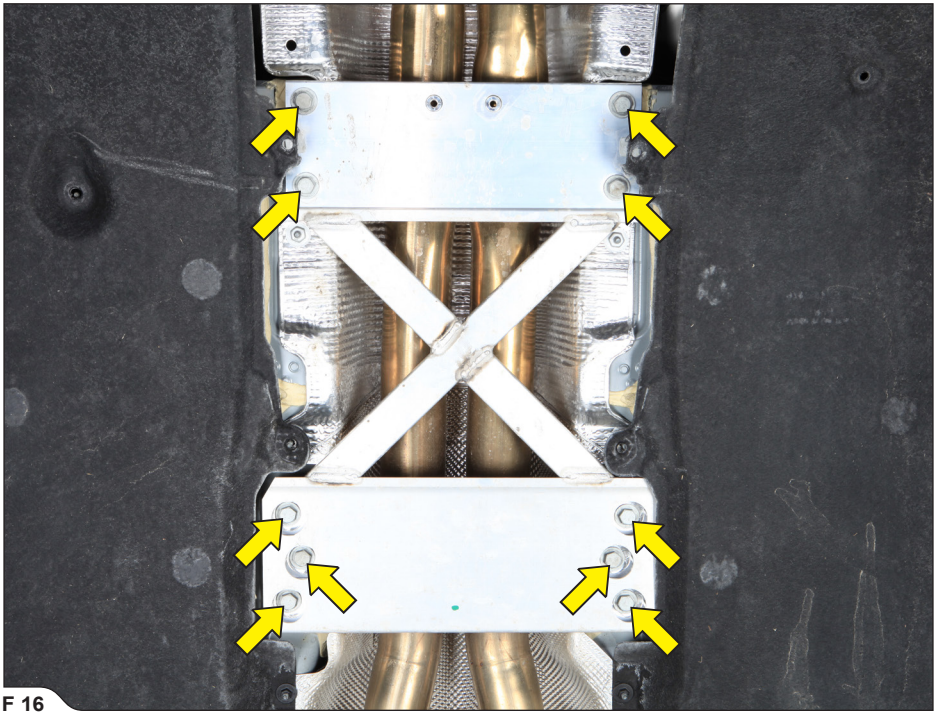
F 14

7. Unscrew the marked bolts and remove chassis reinforcements off the vehicle **(F 15, 16).**

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



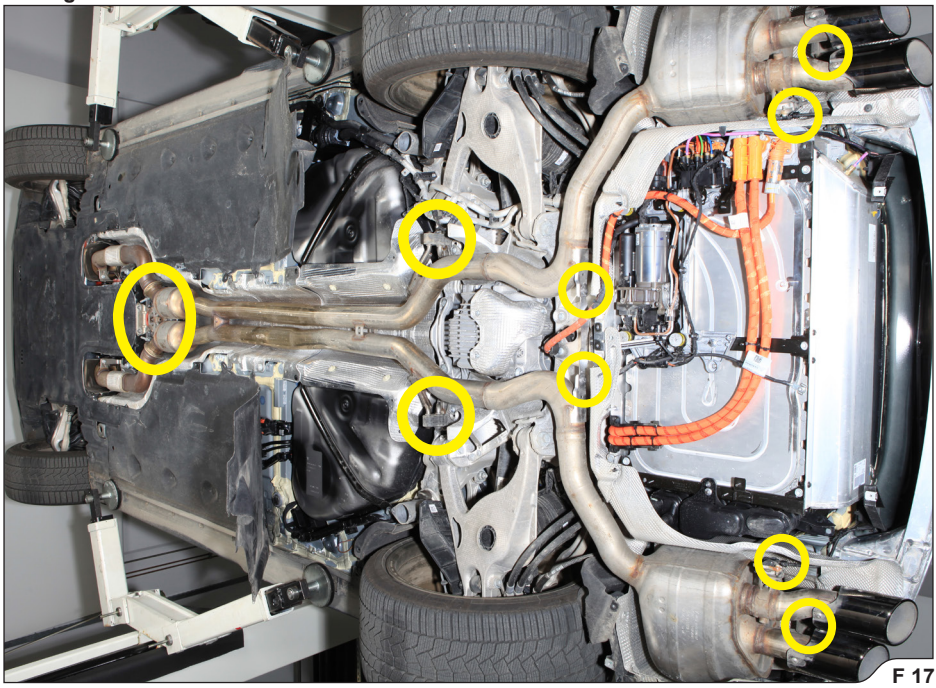
F 15



F 16

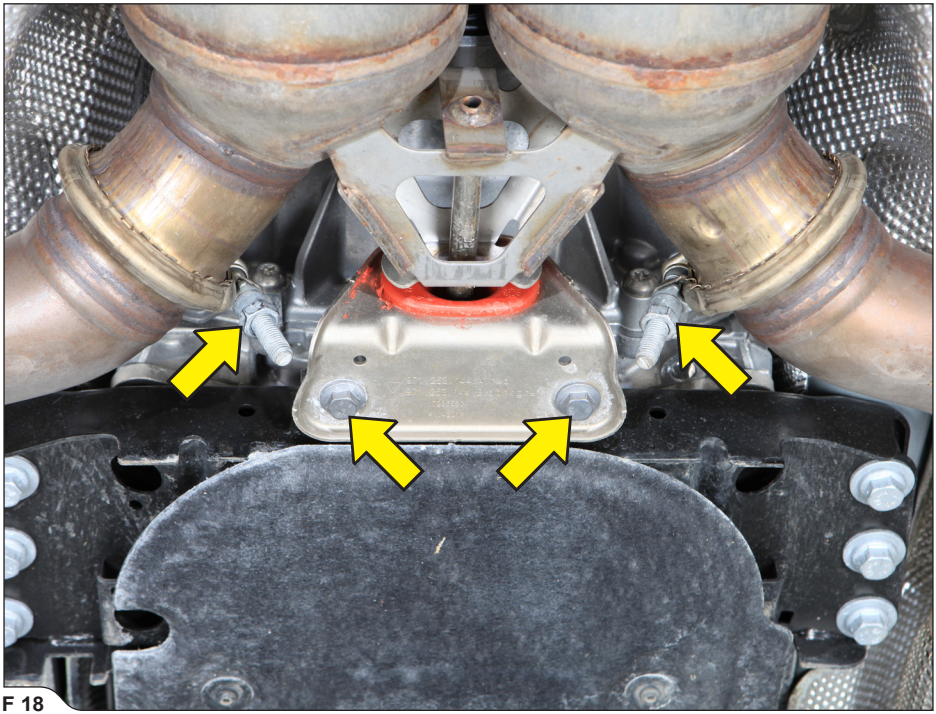
8. Support the exhaust system, unscrew the front rubber bracket and marked clamps, unscrew and remove the mufflers' connection, disconnect the exhaust valve actuators, unscrew the marked rubber brackets off the chassis and carefully remove the exhaust system off the vehicle **(F 17, 18, 19, 20, 21, 22).**

! **CAUTION: support the muffler during this process or you could injure yourself or damage the vehicle!**



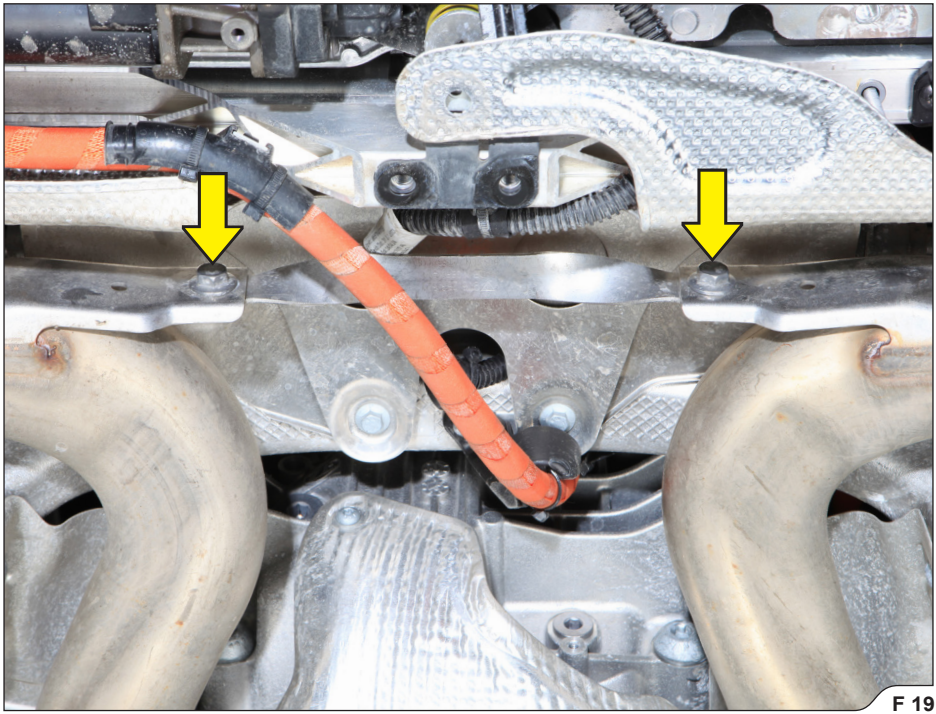
F 17

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



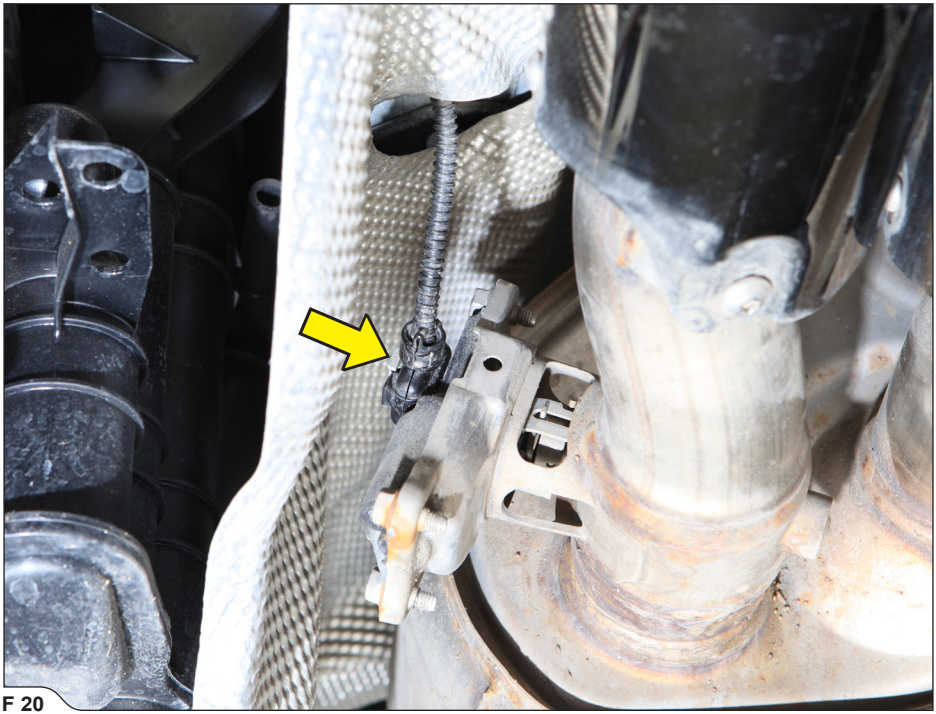
F 18

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



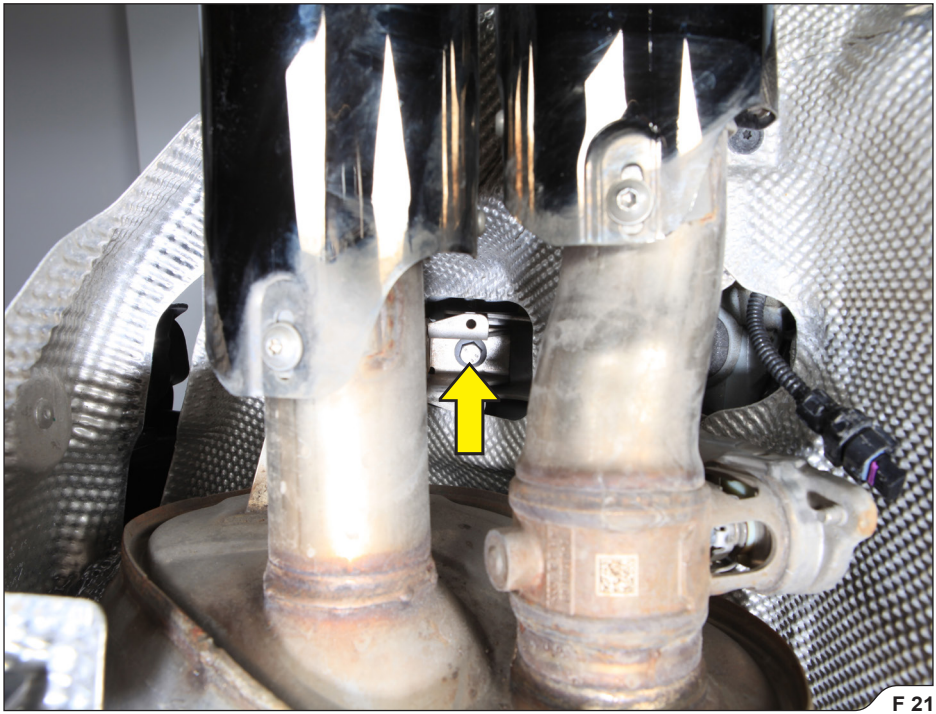
F 19

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



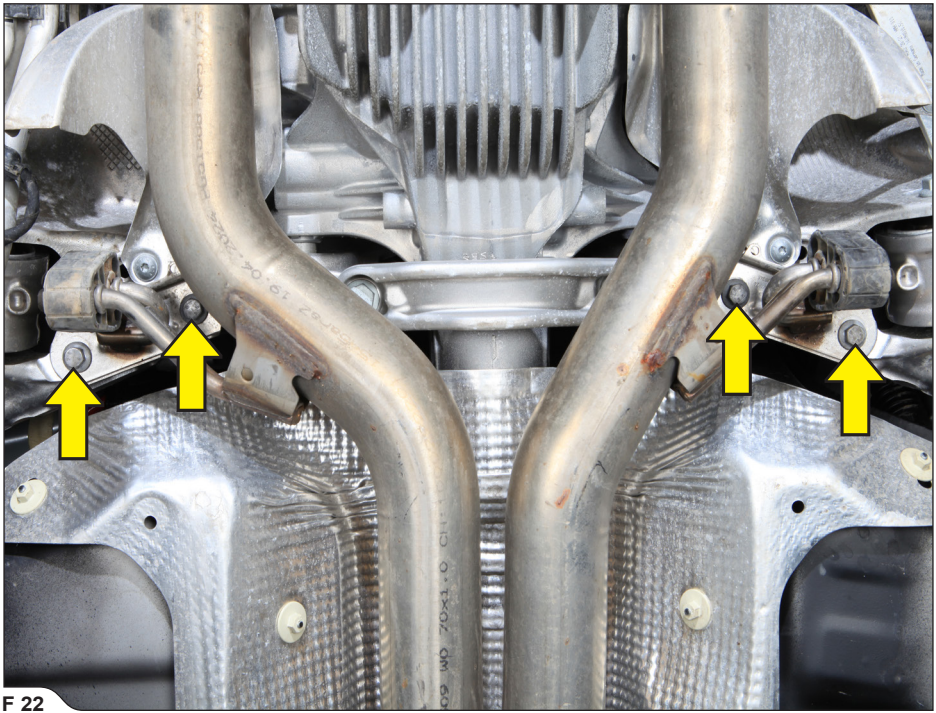
F 20

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



F 21

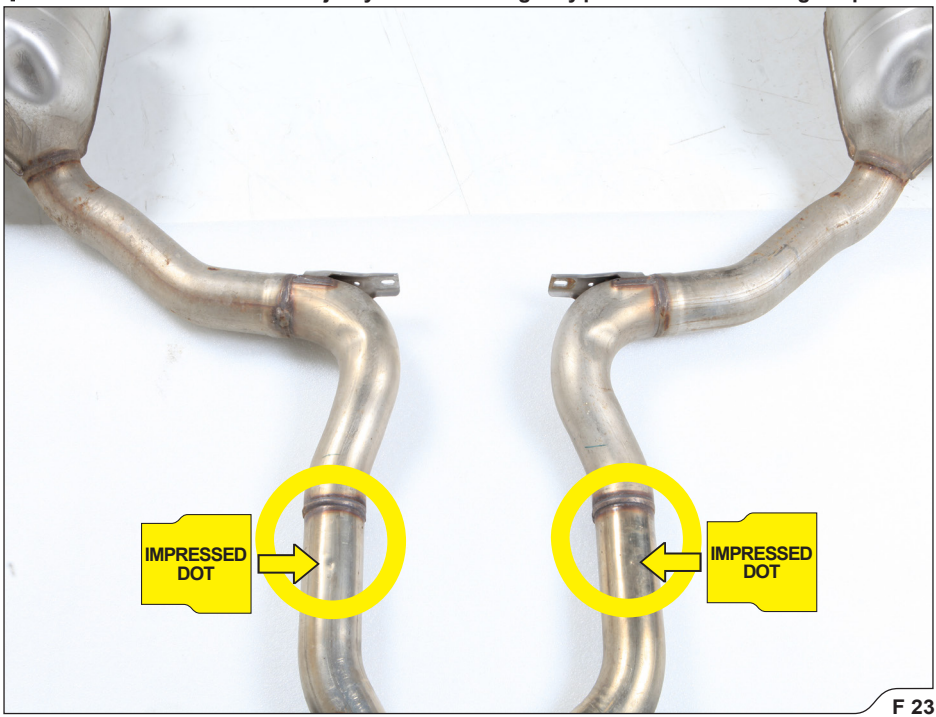
! **CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!**



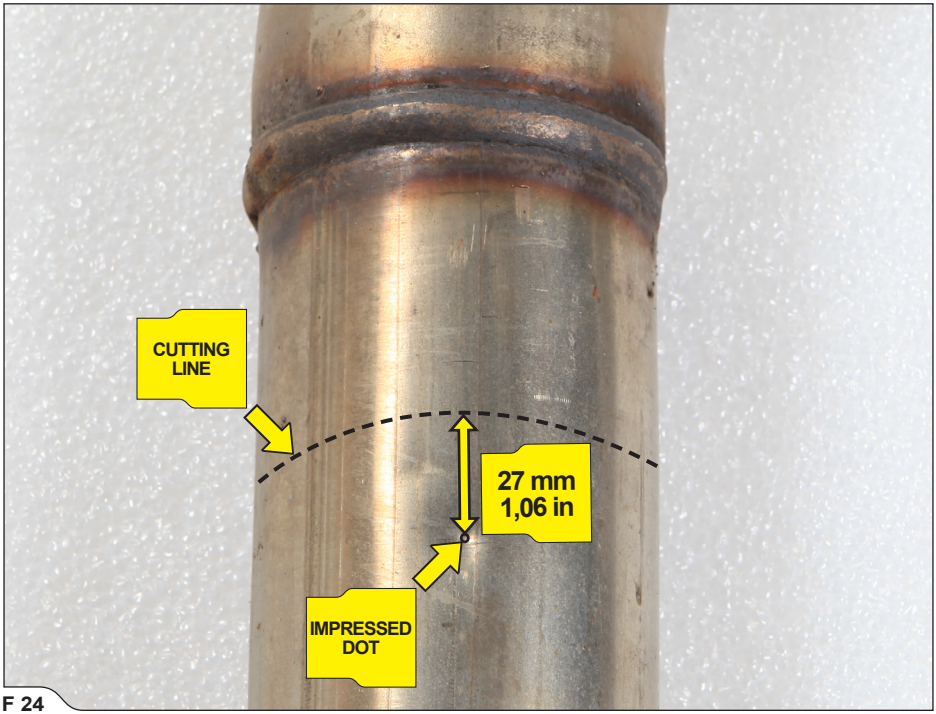
F 22

9. Mark the stock exhaust system at marked positions, exactly as shown - 27mm/1,06in from the impressed dots; carefully cut the pipes at the marked cutting lines, using pipe cutting tool or equivalent **(F 23, 24).**

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



F 23

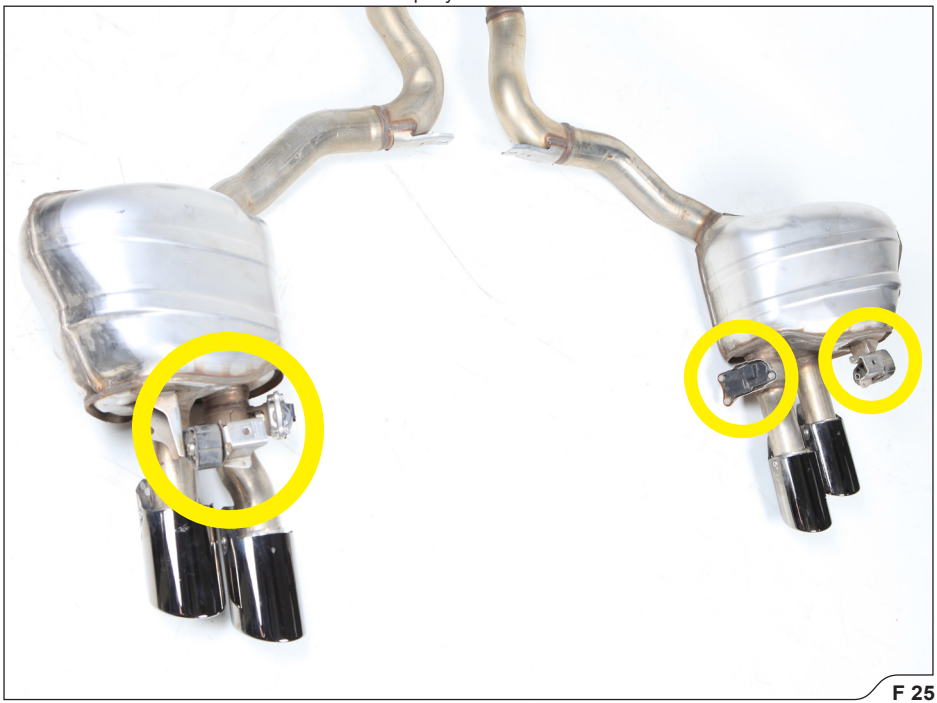


F 24

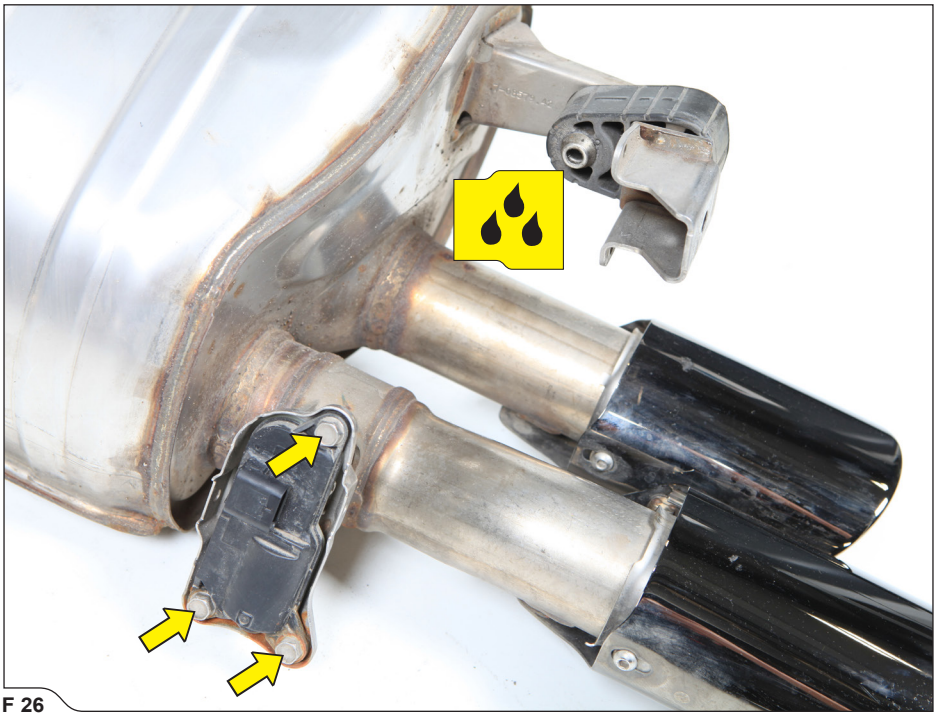
10. Carefully remove marked rubber brackets, exhaust valves' actuators and connecting springs off the stock mufflers **(F 25, 26, 27).**

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

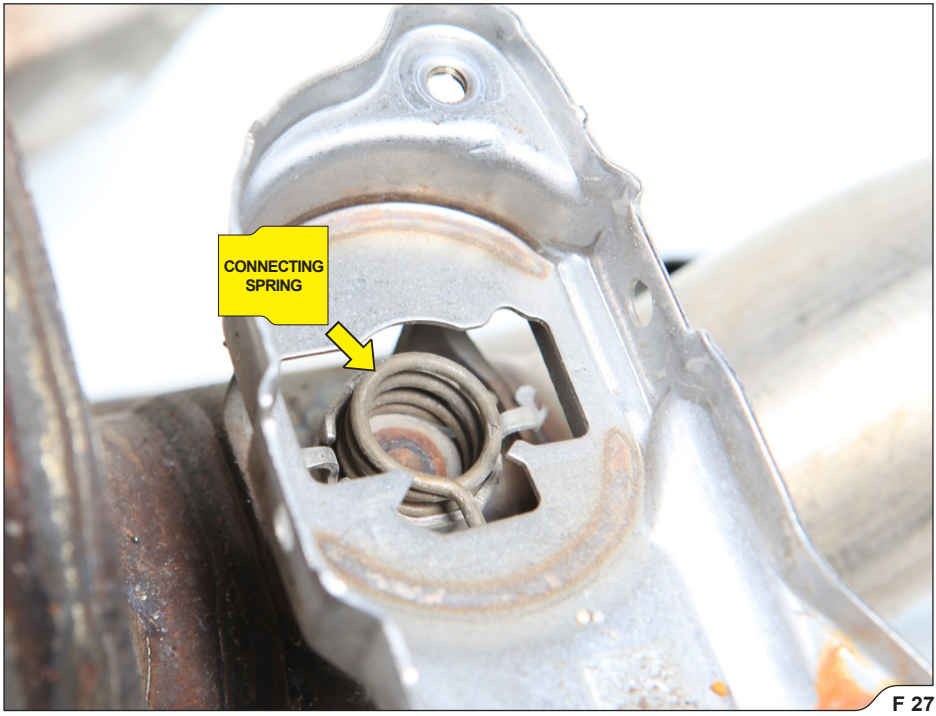
INSTALLATION TIP: for easier dismounting, lubricate the rubber brackets (WD40®)*.
*WD-40® is a trademark of the WD-40 Company.



F 25



F 26



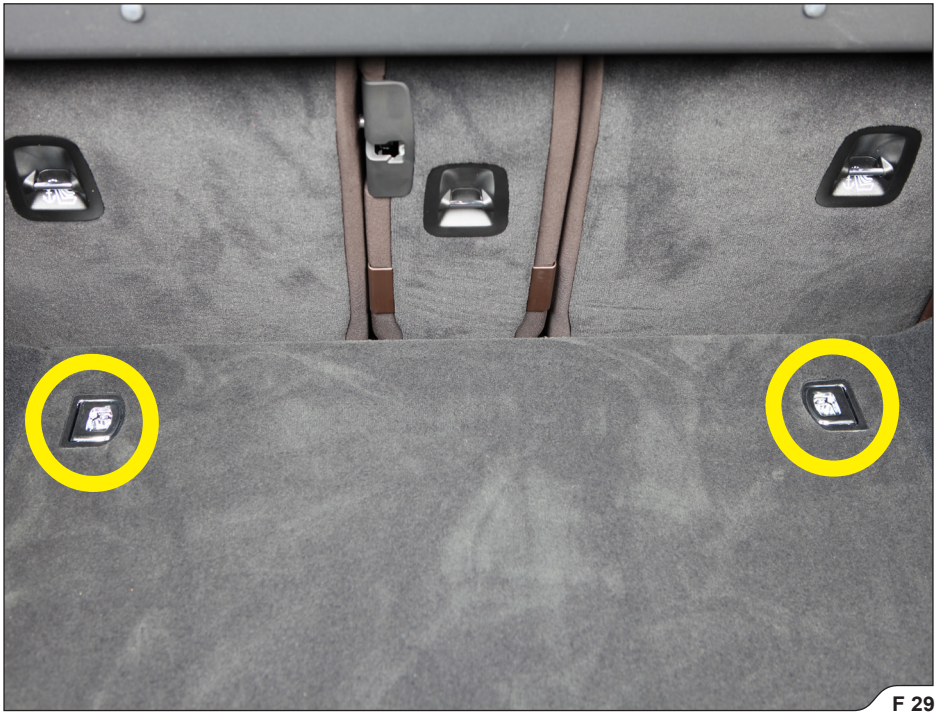
F 27

11. Open the trunk, remove the cargo cover, fold the rear backrests, remove the trunk floor panel, left trunk trim panel and marked cover, to get access to vehicle electrical wiring harness; check vehicle manufacturer workshop manual for details **(F 28, 29, 30, 31, 32, 33).**

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



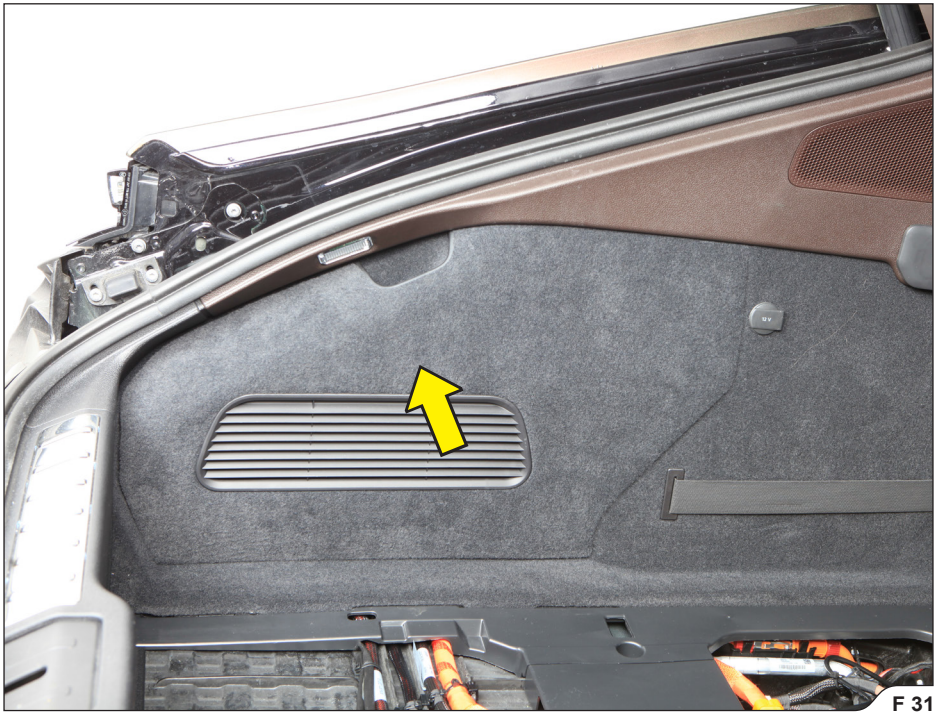
F 28



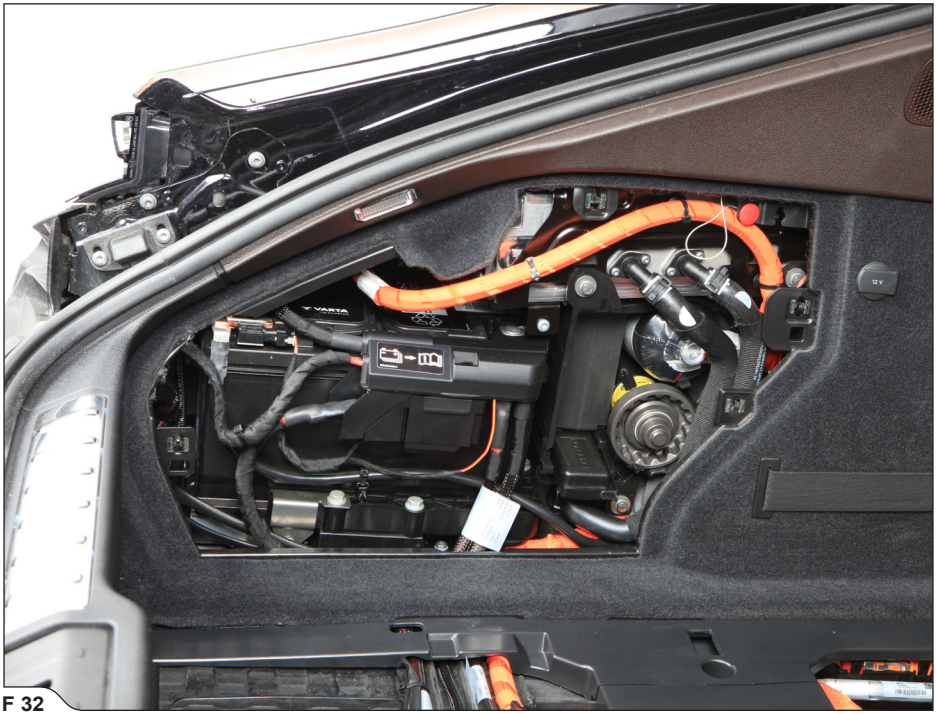
F 29



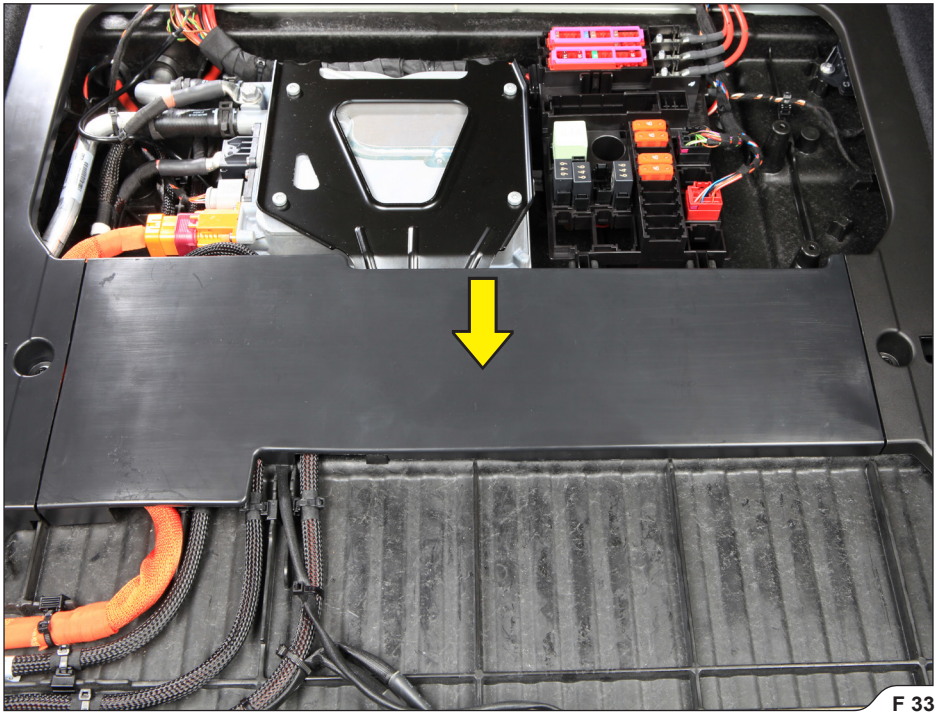
F 30



F 31



F 32

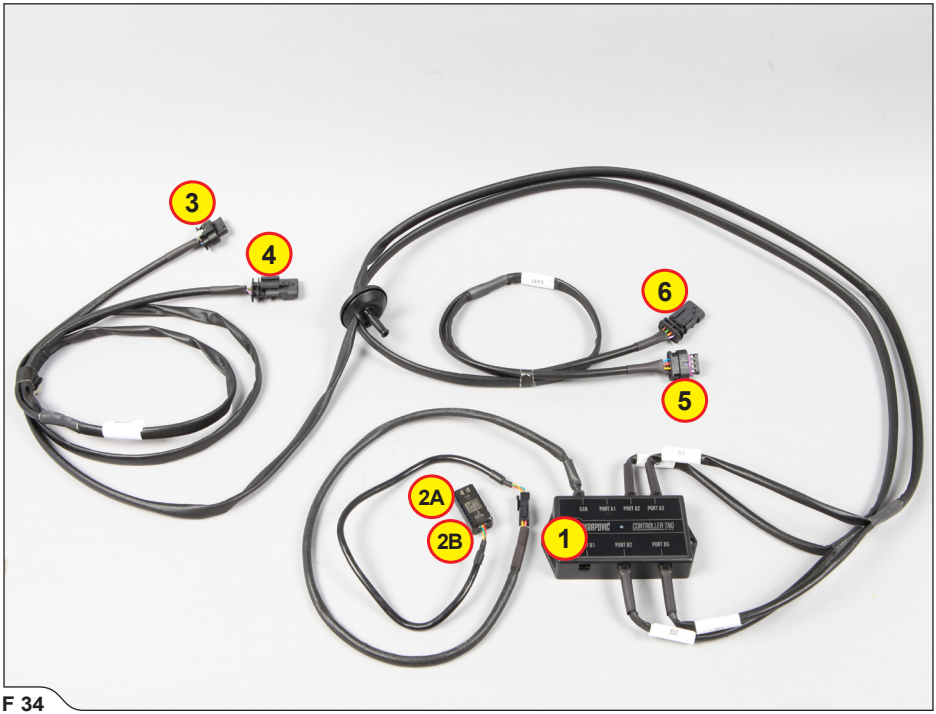


F 33

INSTALLATION OF THE AKRAPOVIČ EXHAUST SYSTEM:

1. The Control Kit components **(F 34, 35, 36):**

1 - Controller TNG
2A or 2B - CAN sniffer
3 - To right valve actuator
4 - To right stock valve connector
5 - To left valve actuator
6 - To left stock valve connector



F 34

! **IMPORTANT: there are two options of CAN sniffers; you received on of the two in installation kit (F 35, F 36)!**



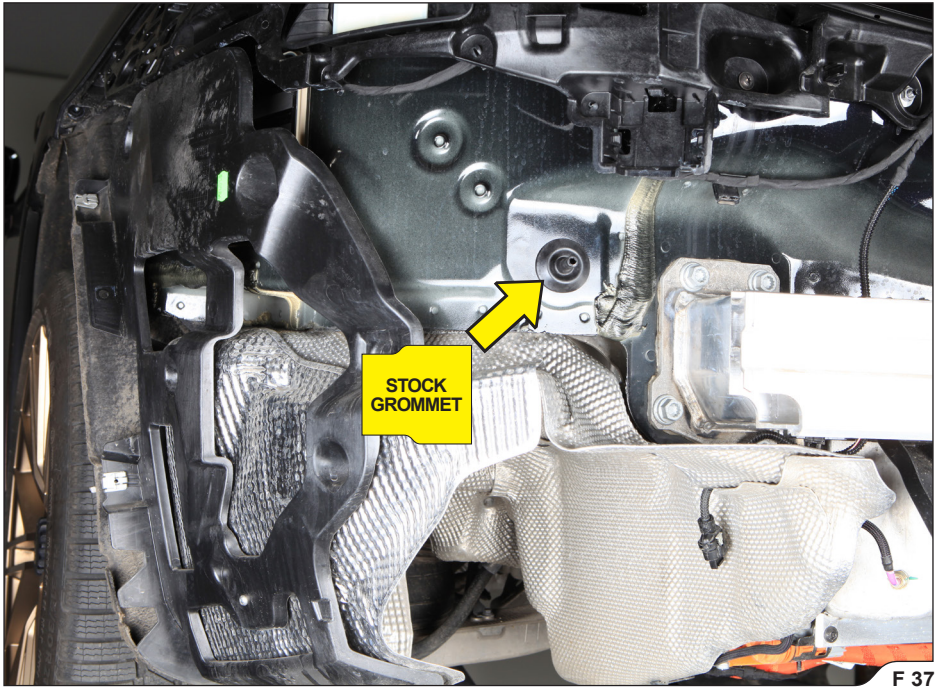
F 35


2B
VTS CAN sniffer
ATLAN D.O.O.
AtlAN
www.atlan.si
E26
10 R 05 1141*00 MADE IN SLOVENIA
INPUT: DC 12/24V⎓,150mA (max.)

F 36

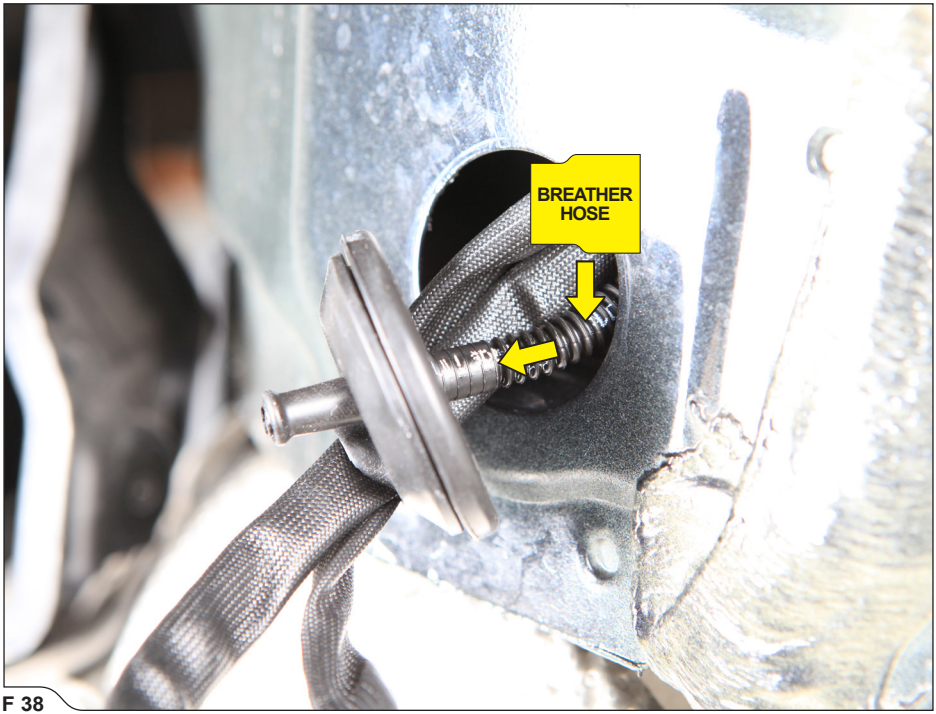
2. Remove marked stock grommet and disconnect all connectors from TNG controller; connect the Akrapovič connectors to the stock valve connectors, lead the Akrapovič harnesses, as shown, into the interior (make sure, that you plug the battery breather hose into the grommet), and secure the harness, using tie wraps from Akrapovič installation kit **(F 37, 38, 39, 40, 41, 42, 43, 44).**

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

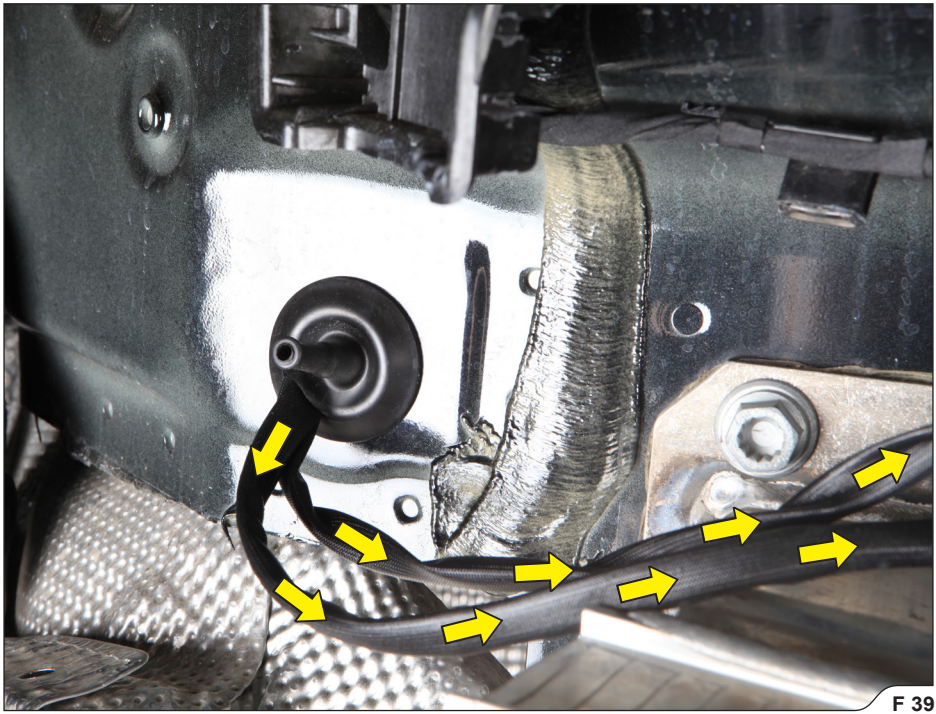


F 37

! **IMPORTANT: make sure, you plug the battery breather hose into the grommet, as shown!**

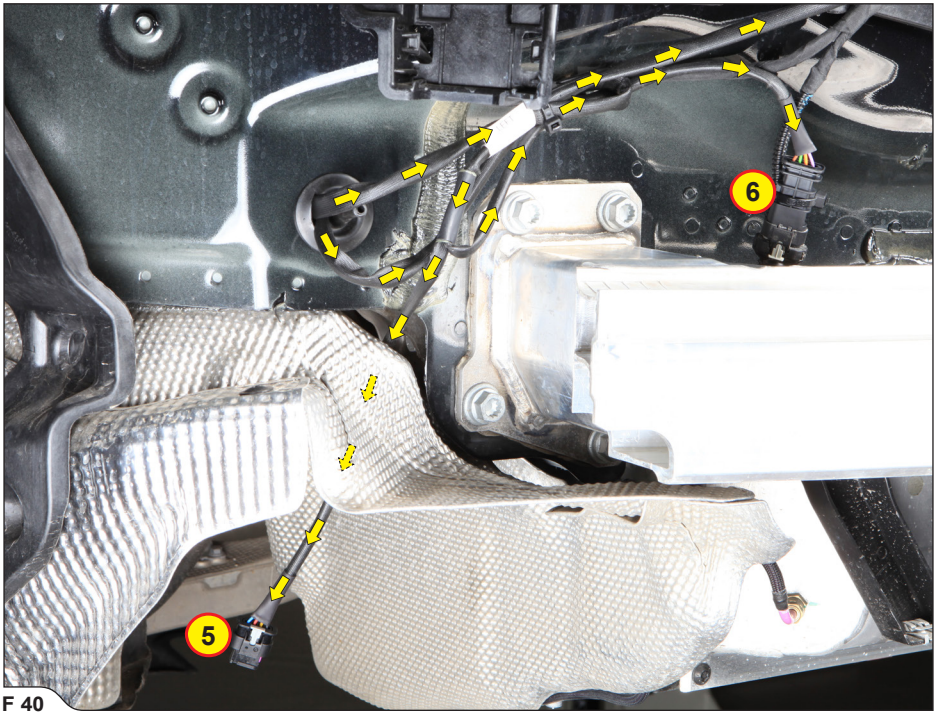


F 38



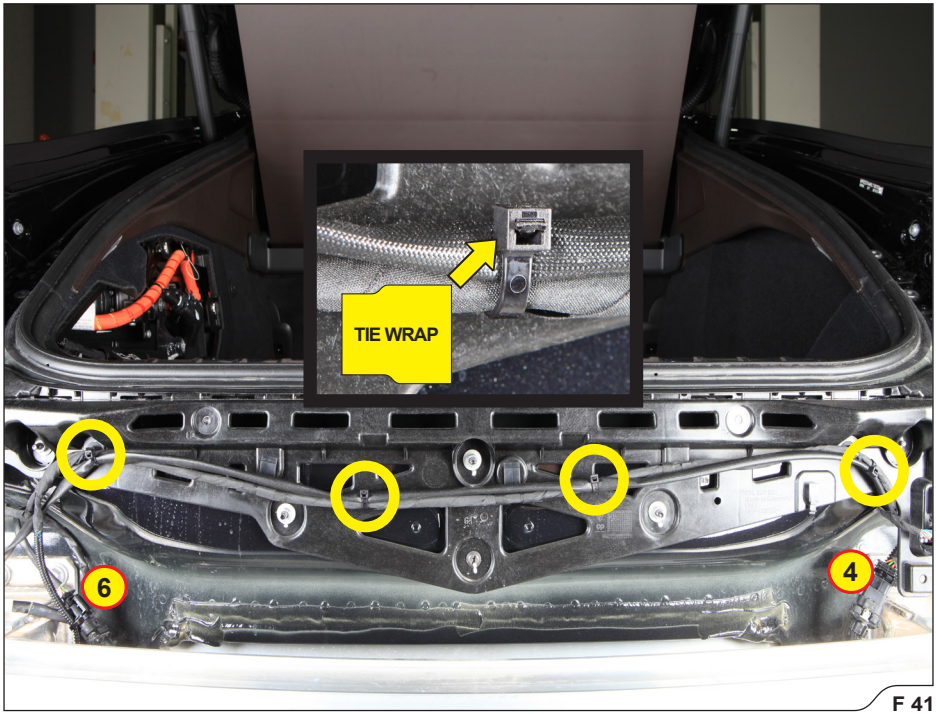
F 39

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



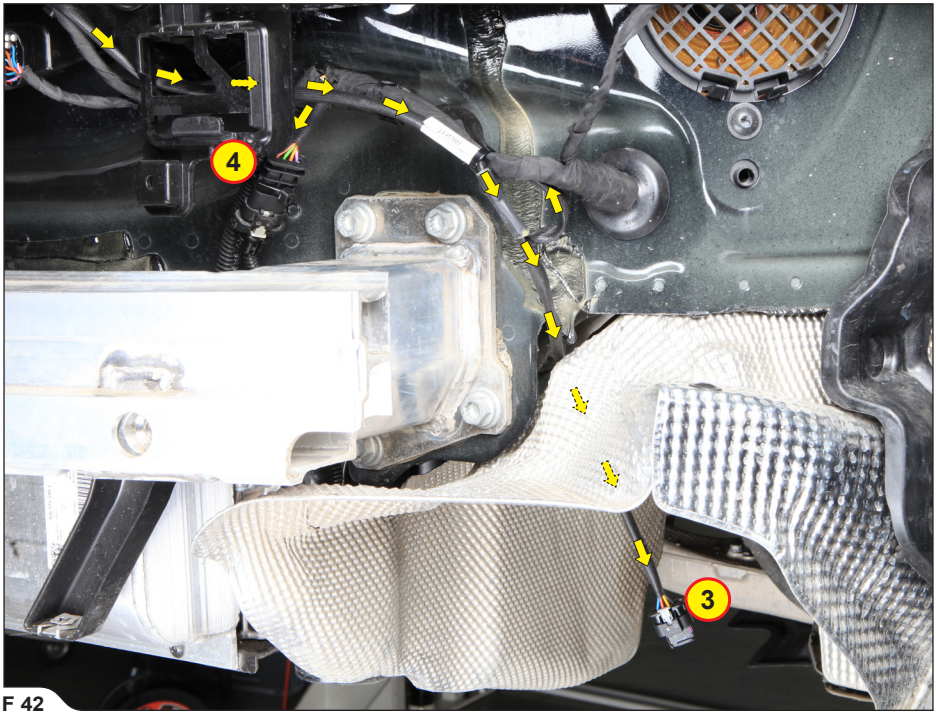
F 40

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



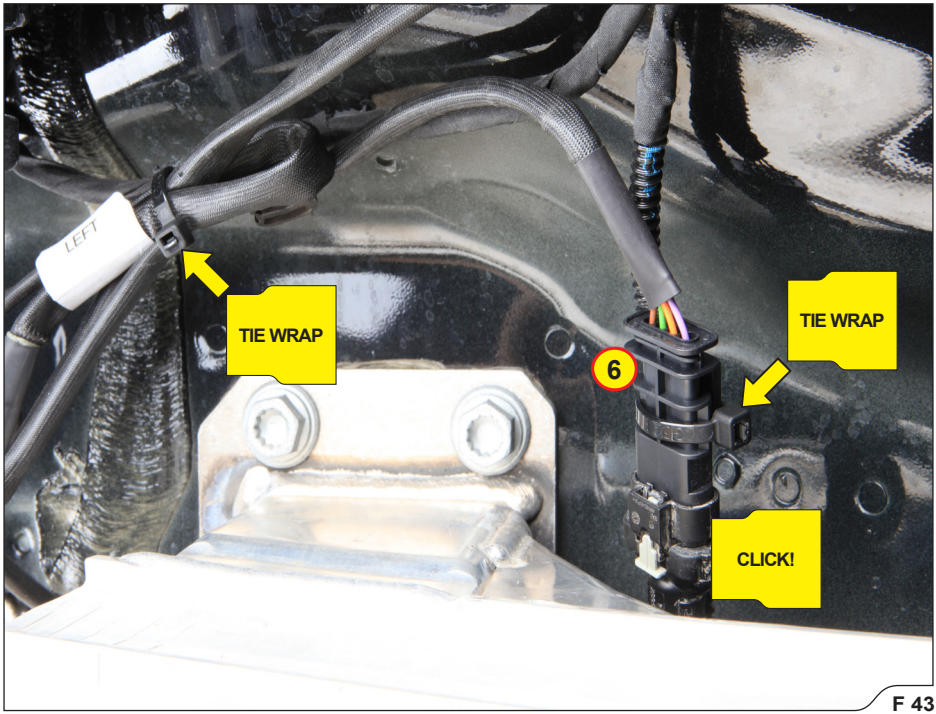
F 41

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



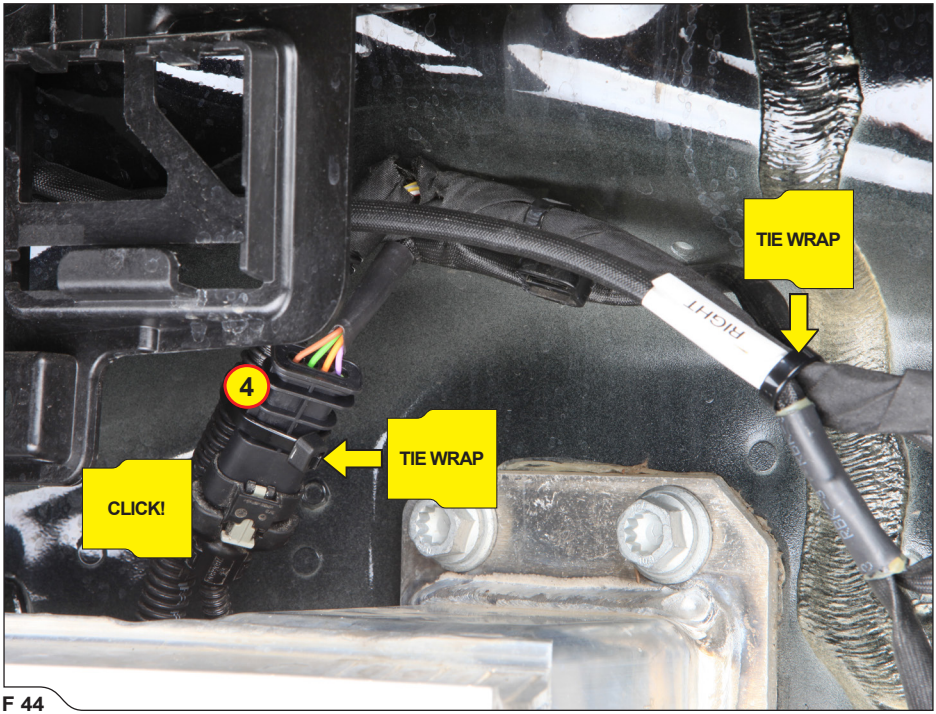
F 42

! **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 43

! **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 44

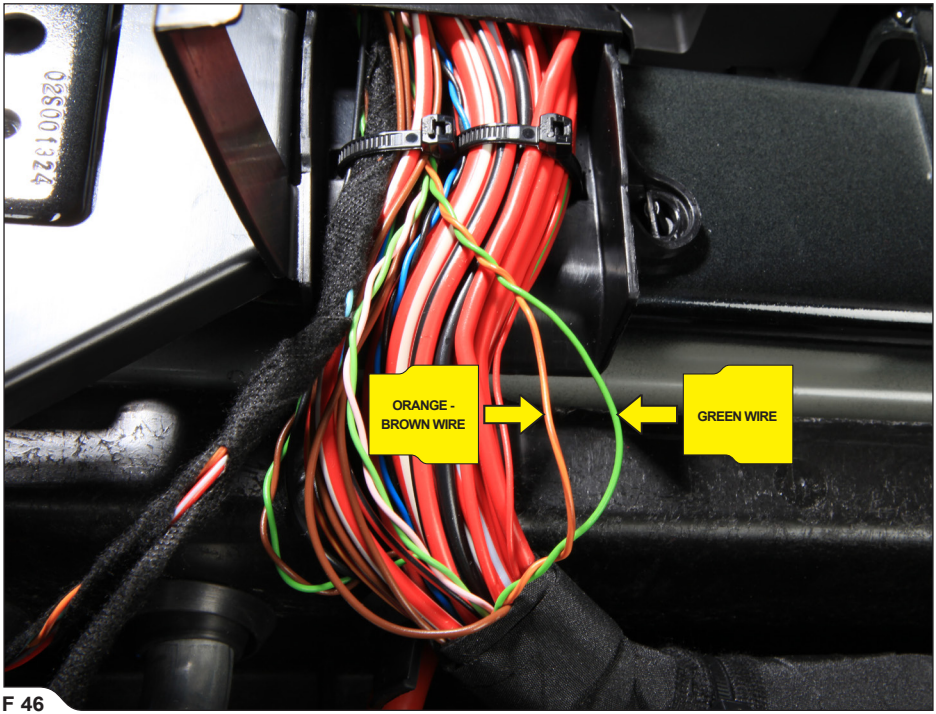
3. Install the CAN sniffer in the trunk, as shown; carefully separate the **orange-brown** and **green** wires from the marked harness, carefully open the CAN sniffer, lead the **orange-brown** and **green** wires through the CAN sniffer's wire grooves, as shown, then correctly assemble the CAN sniffer **(F 45, 46, 47, 48, 49, 50, 51).**

! IMPORTANT: there are two options of CAN sniffers; follow the installation instructions for the option you received in the installation kit (F 48, 49, 50, 51)!

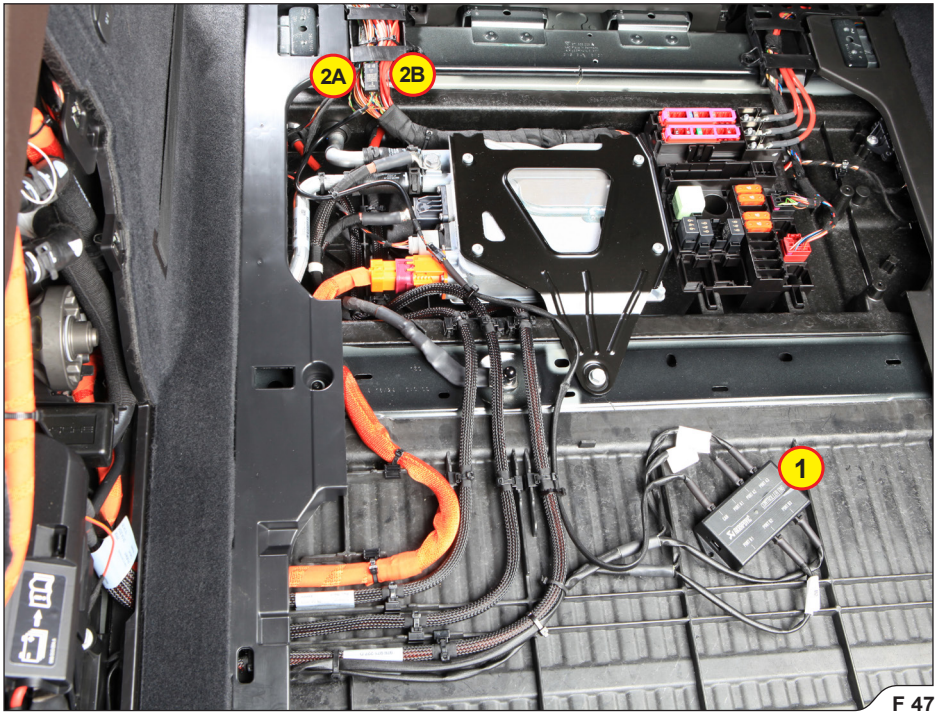


F 45

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



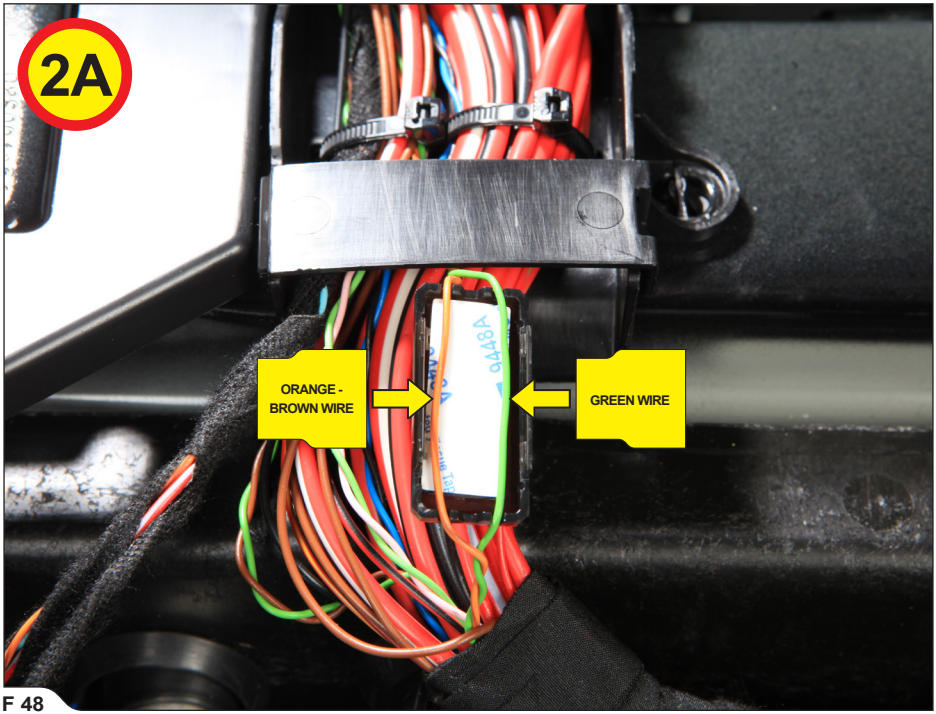
F 46



F 47

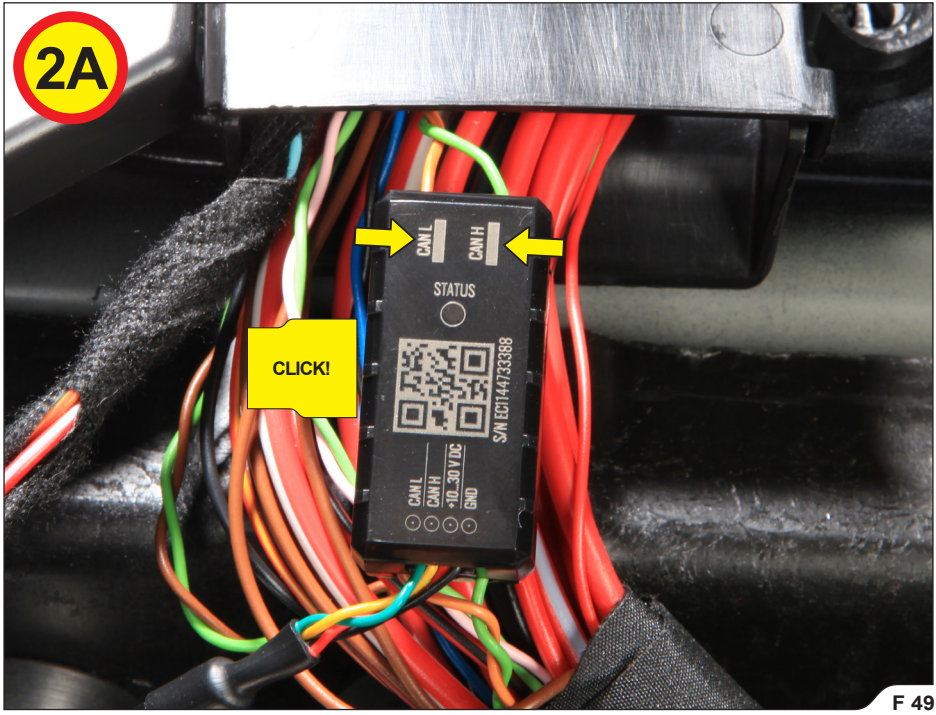
! **IMPORTANT: test the Control Kit; in case it doesn't function correctly, use another pair of orange-brown and green wires for CAN sniffer (F 48)!**

! **IMPORTANT: make sure not to damage the wires during this process (F 48)!**



F 48

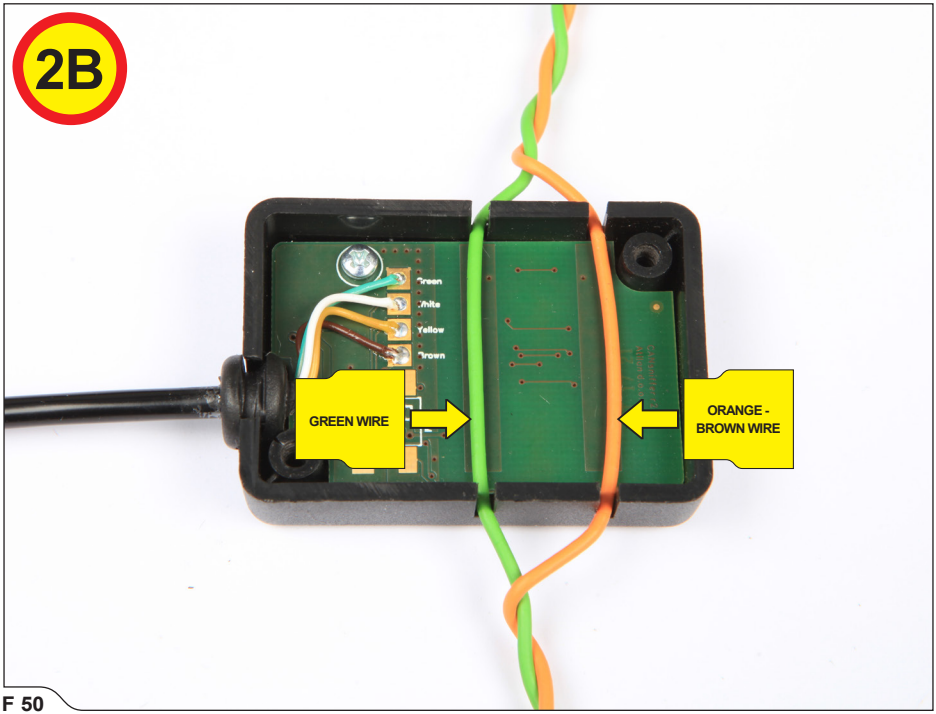
! **IMPORTANT: make sure to orient the CAN sniffer correctly; green wire must be on CAN H and orange/brown wire on CAN L position (F 49)!**



F 49

! **IMPORTANT: test the Control Kit; in case it doesn't function correctly, use another pair of orange-brown and green wires for CAN sniffer (F 50)!**

! **IMPORTANT: make sure not to damage the wires during this process (F 50)!**



F 50

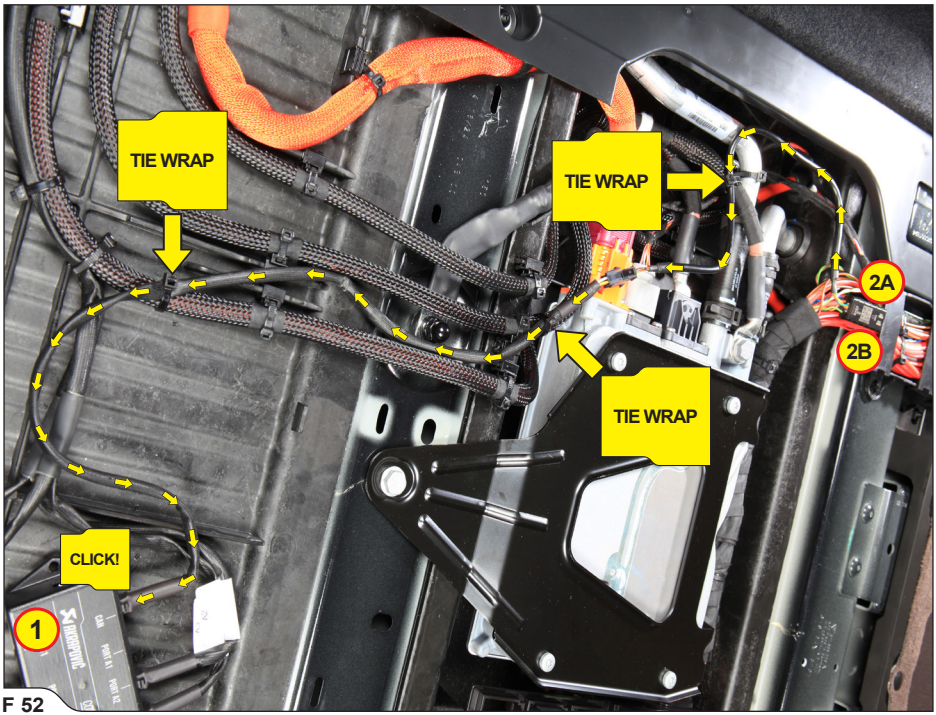
! **IMPORTANT: make sure to orient the CAN sniffer's cover, as shown (F 51)!**



F 51

4. Lead the CAN sniffer's harness to the TNG controller, connect it and secure the harness, using tie wraps from Akrapovič installation kit **(F 52).**

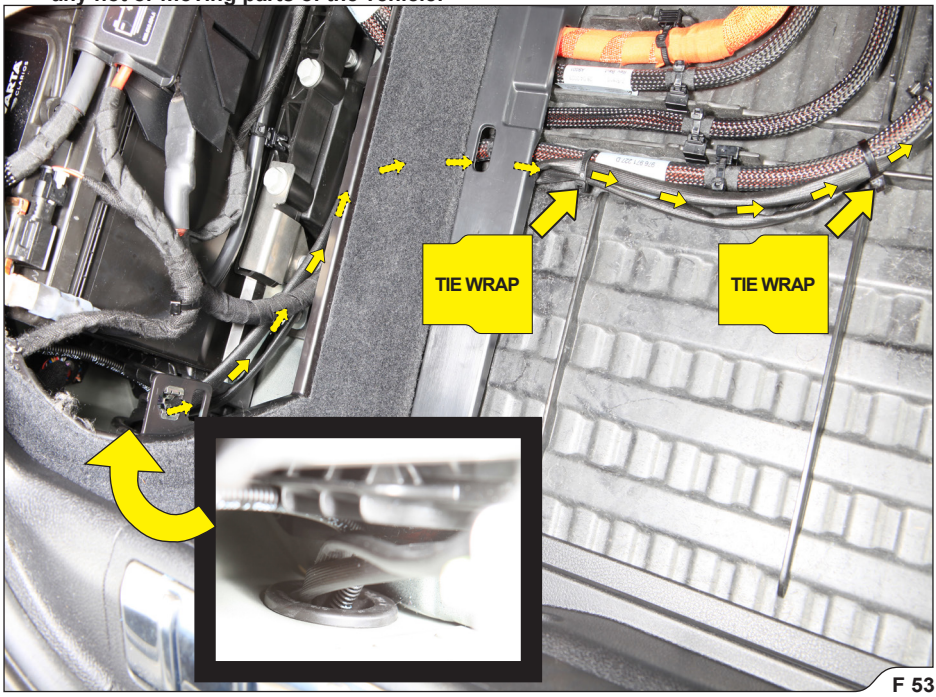
! **CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!**



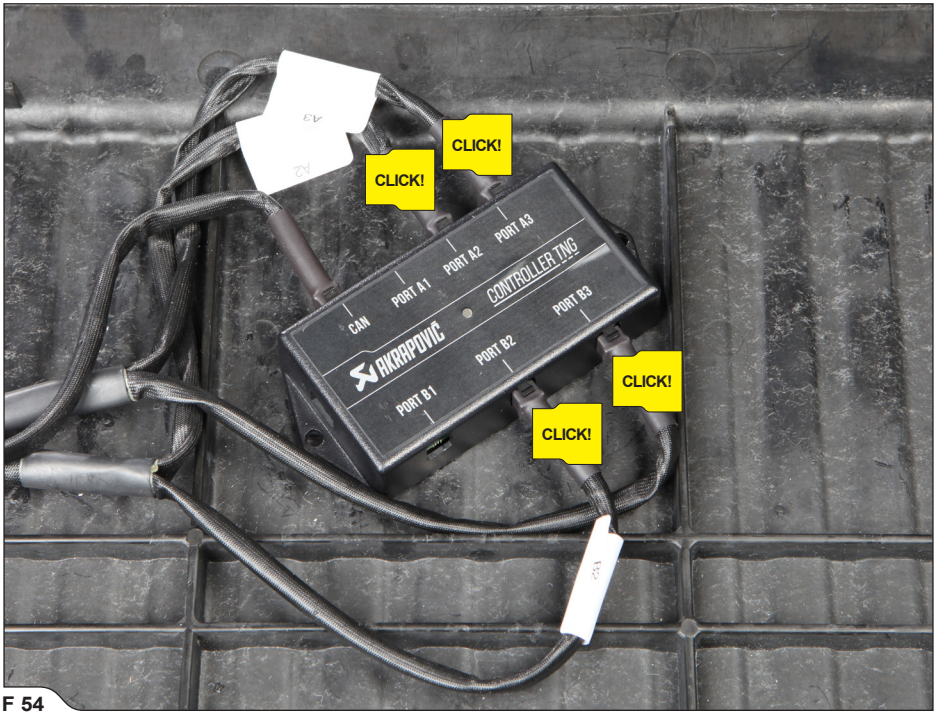
F 52

5. Lead the harness from grommet to the Controller, as shown, then correctly connect it to the TNG Controller and secure all wiring and components in place using tie wraps and double sided tape from Akrapovič installation kit **(F 53, 54).**

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



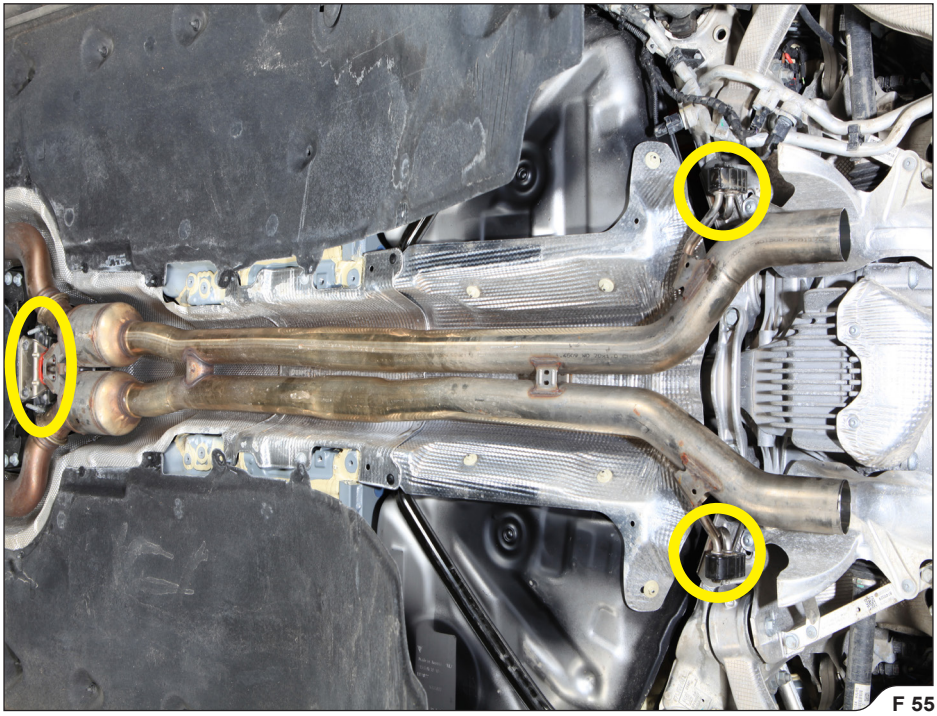
F 53


CLICK!
CLICK!
CAN
PORT A1
PORT A2
PORT A3
CONTROLLER TNG
AKRAPOVIČ
PORT B1
PORT B2
PORT B3
CLICK!
CLICK!

F 54

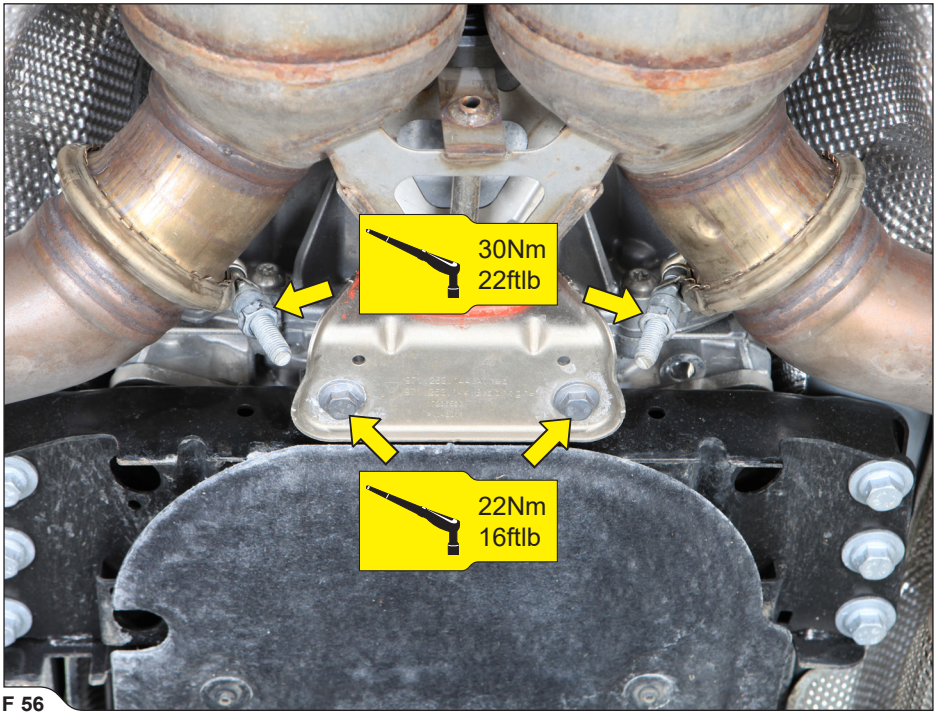
6. Reinstall the stock link pipes onto the vehicle; check vehicle manufacturer workshop manual for correct procedure **(F 55, 56, 57).**

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

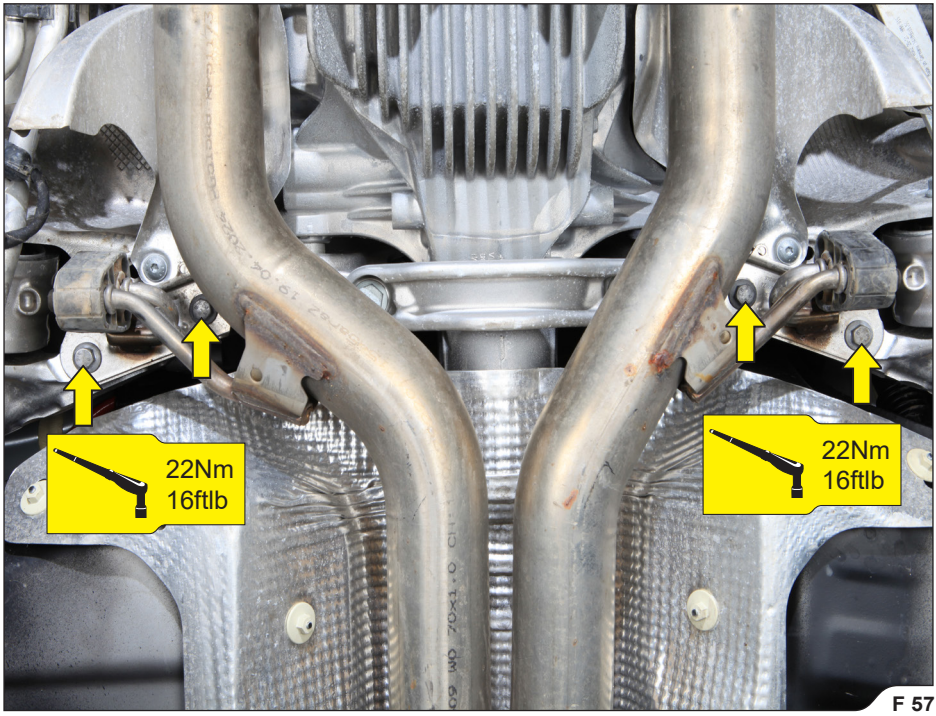


F 55

! **IMPORTANT: if damaged, use new stock gaskets (not included in installation kit) in down pipes - link pipes joints (F 52)!**



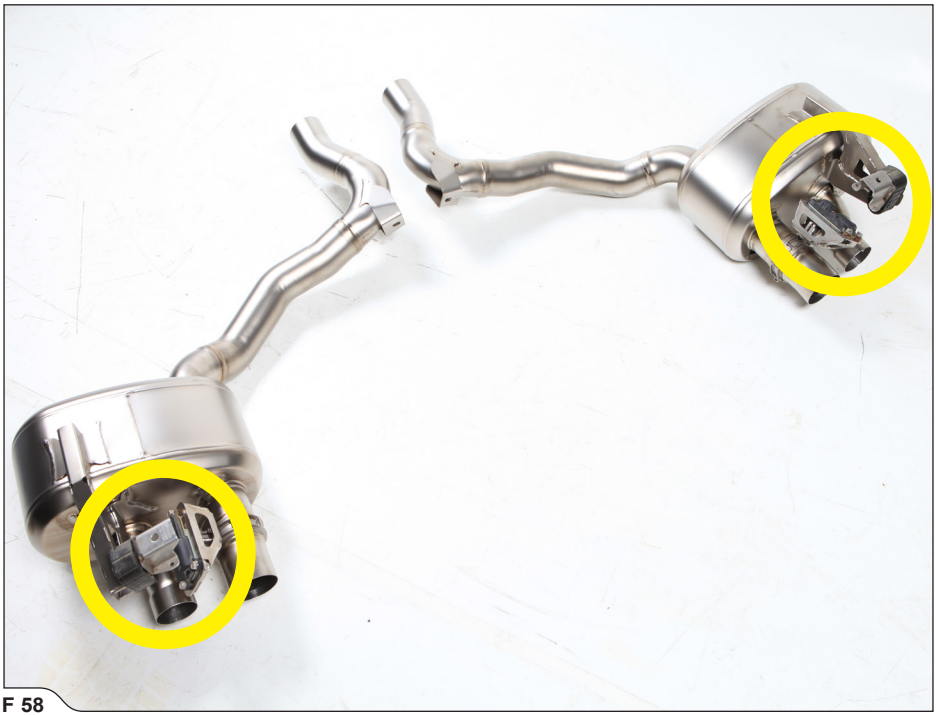
F 56



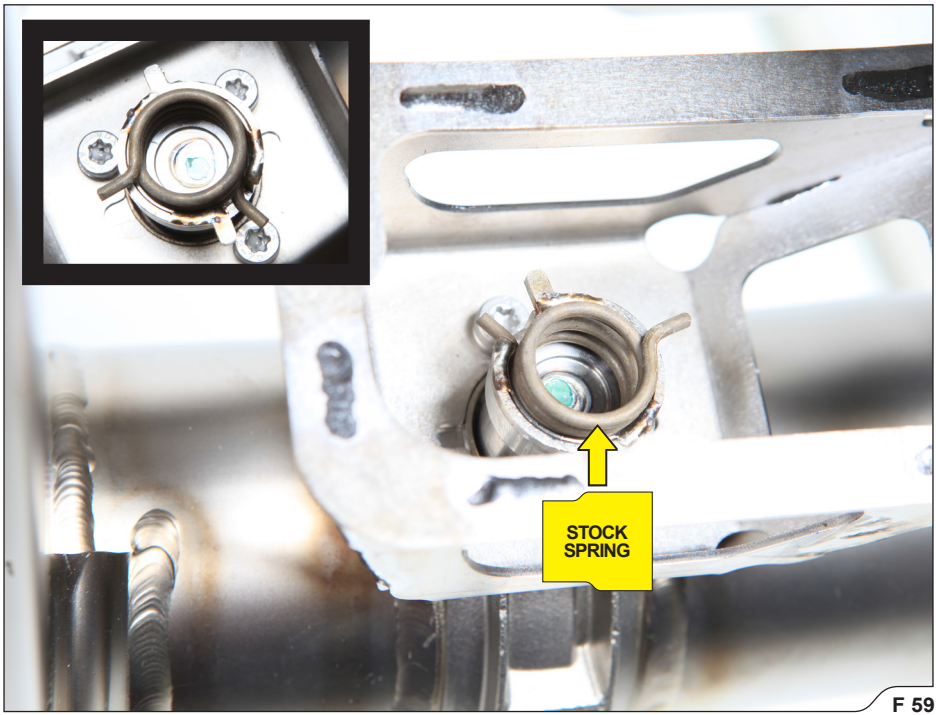
F 57

7. Assemble the stock rubber brackets and stock exhaust valve actuators (using stock bolts and spring connections) onto the Akrapovič mufflers, as shown **(F 58, 59, 60, 61).**

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



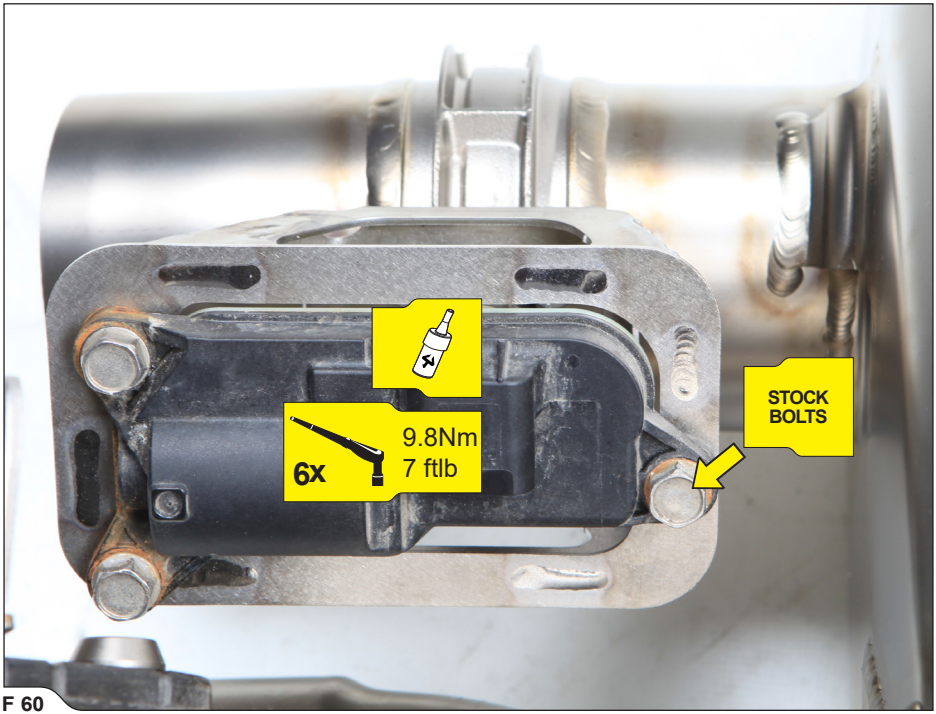
F 58



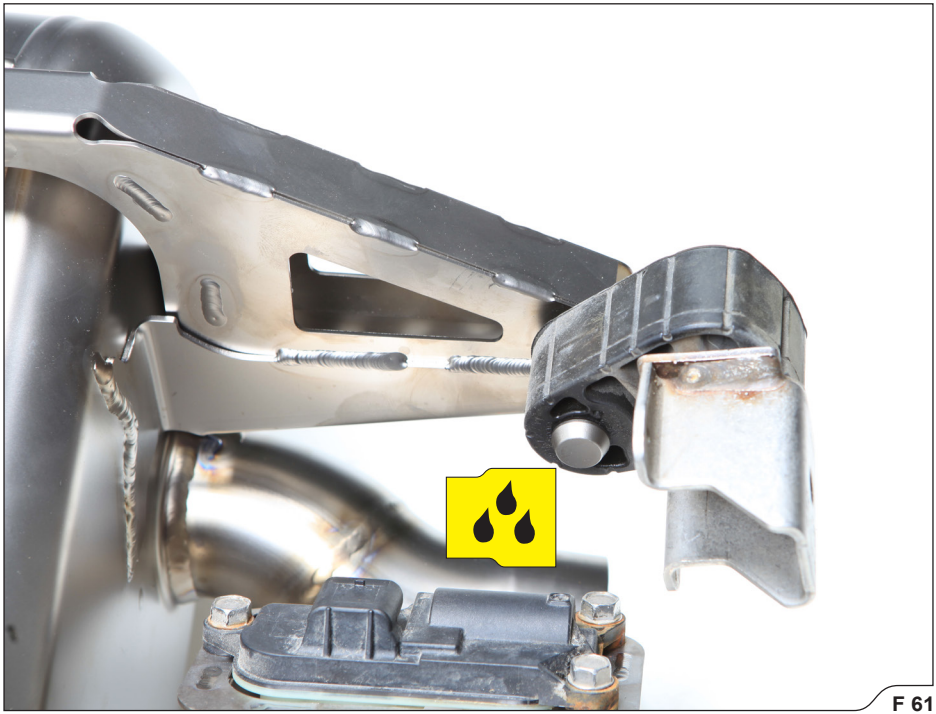
F 59

! **IMPORTANT: make sure not to mix the actuators! Put them on the same valves as they were on stock exhaust system!**

! **IMPORTANT: use Akrapovič bolt sealant on the actuators' nuts threads!**



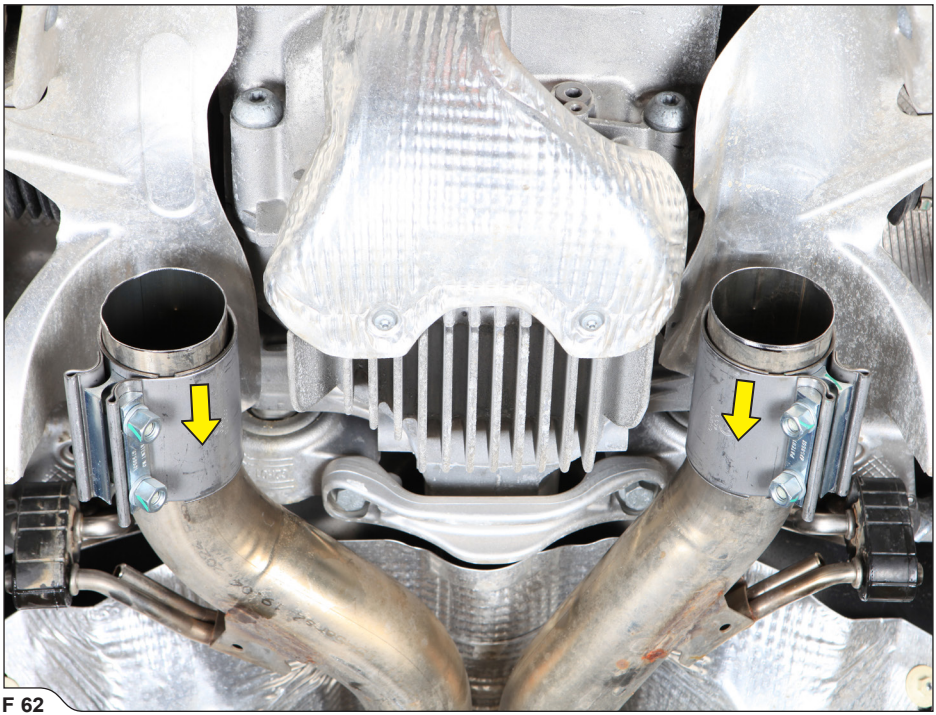
F 60



F 61

8. Slide the double clamps from Akrapovič installation kit onto the link pipes' outlets, as shown **(F 62).**

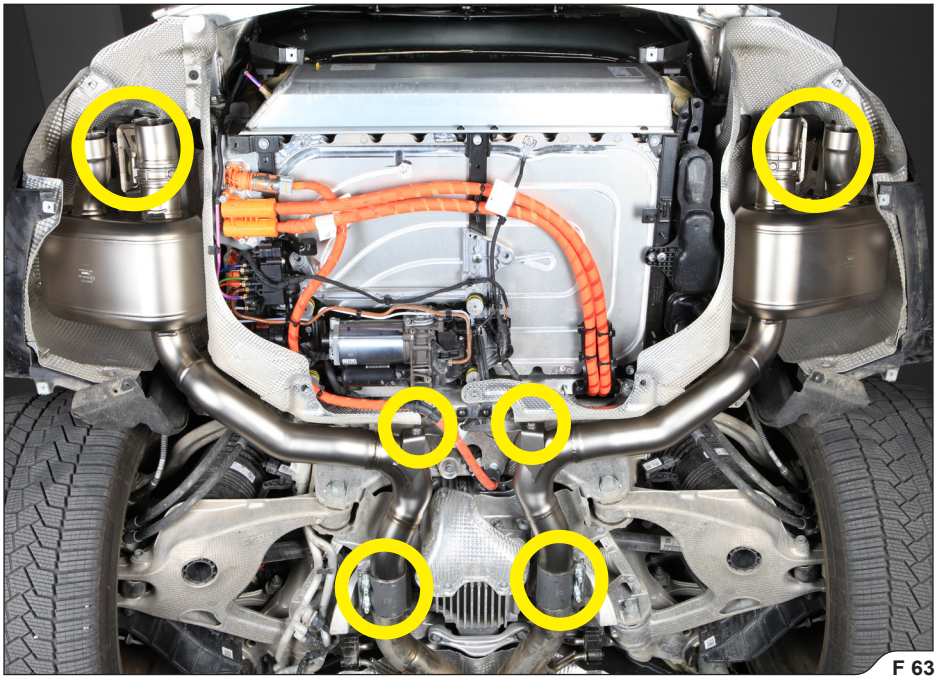
! CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



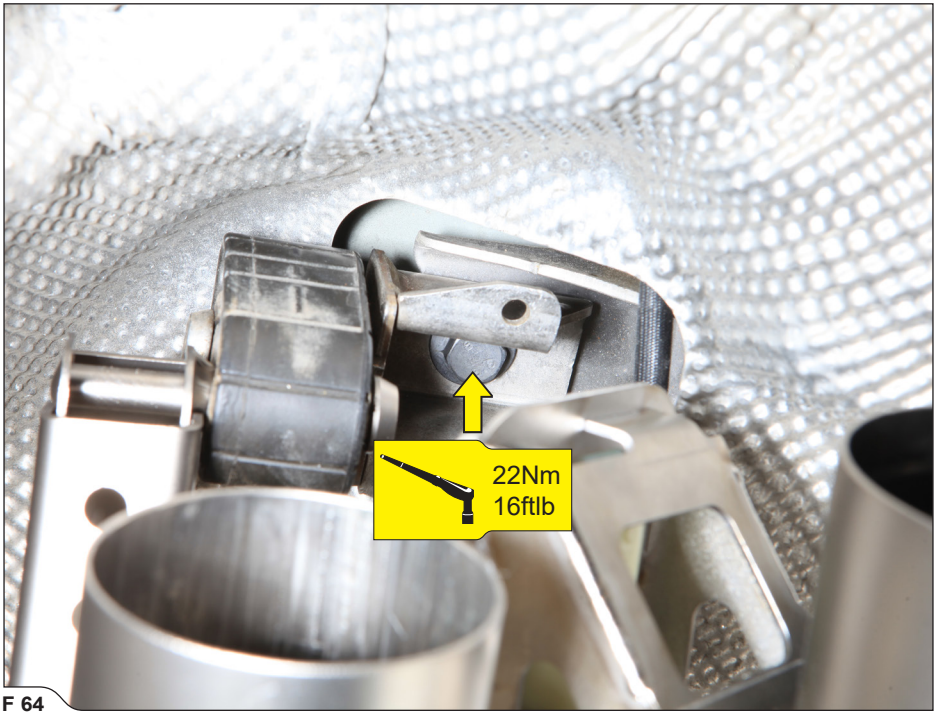
F 62

9. Carefully install the Akrapovič mufflers onto the vehicle; tighten rubber brackets onto the chassis (using stock bolts), align the mufflers in respect to the chassis and install stock mufflers' connection (using stock bolts), align and center the double clamps, tighten them to the specified torque and connect both exhaust valves' connectors, as shown **(F 63, 64, 65, 66, 67, 68).**

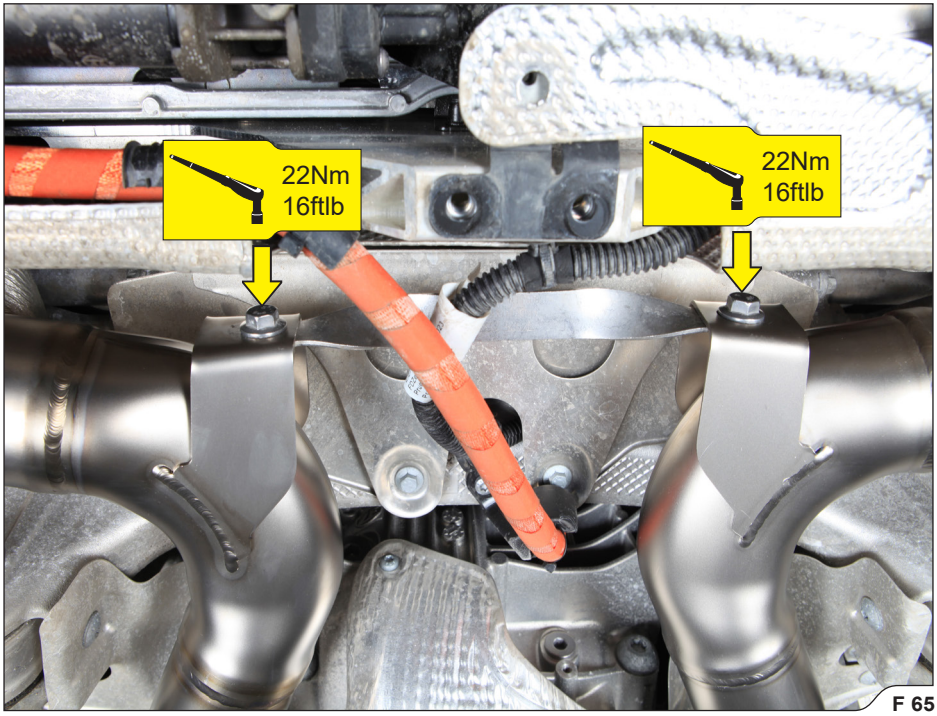
! CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



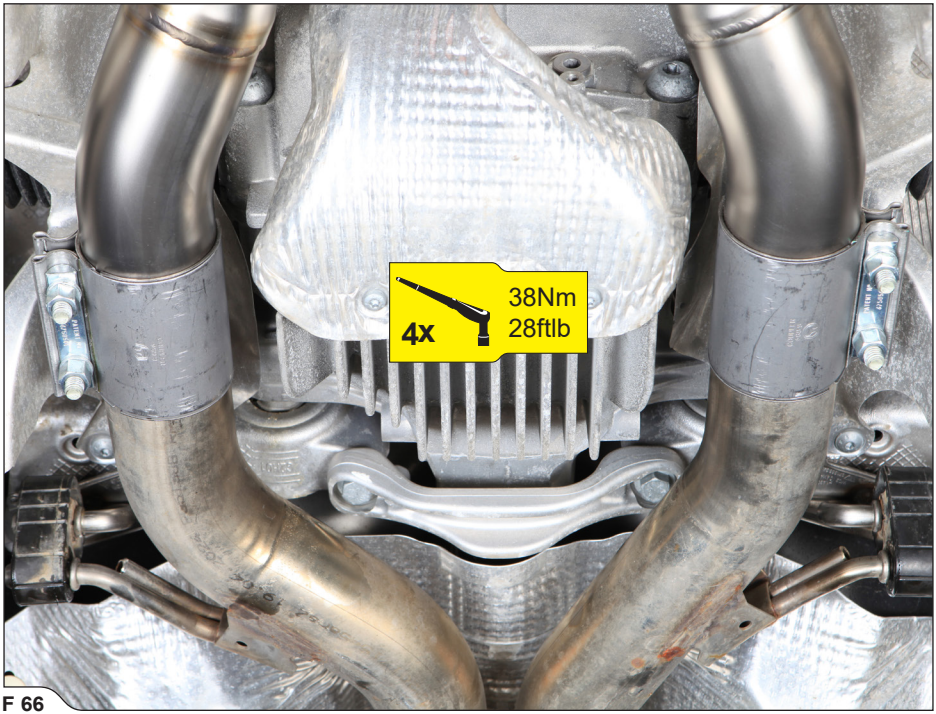
F 63



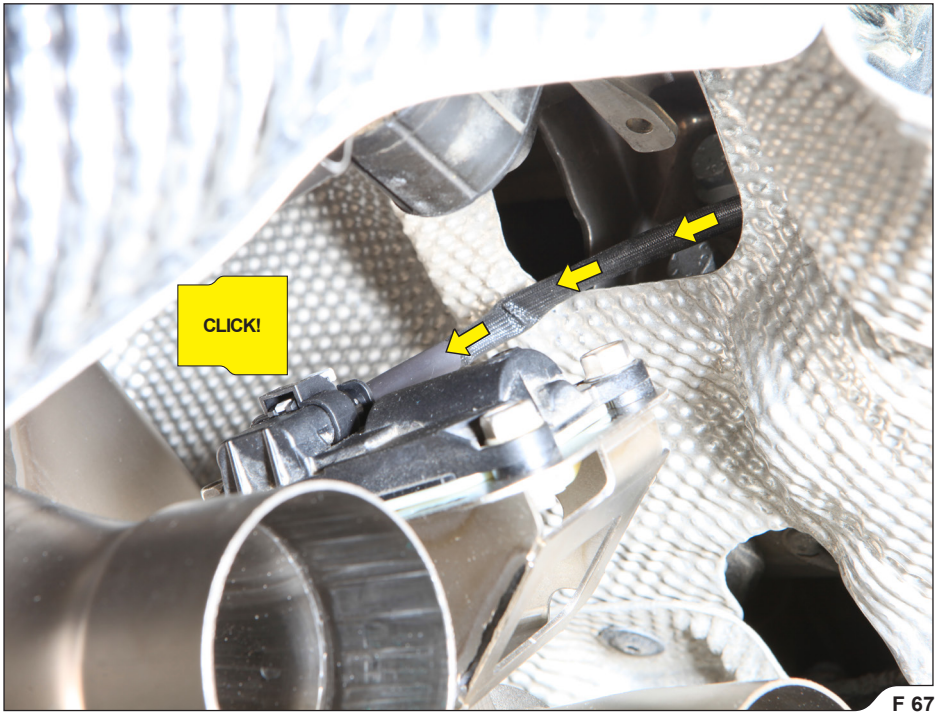
F 64



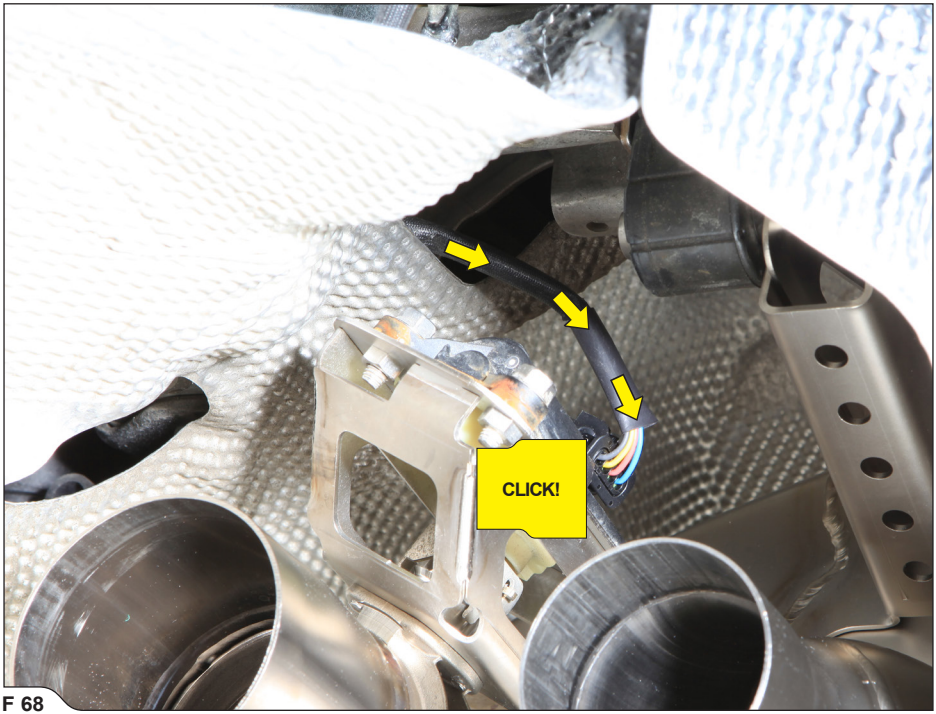
F 65



F 66



F 67



F 68

10. Reinstall the rear bumper onto the vehicle; check vehicle manufacturer workshop manual for correct procedure and tightening torques **(F 69).**

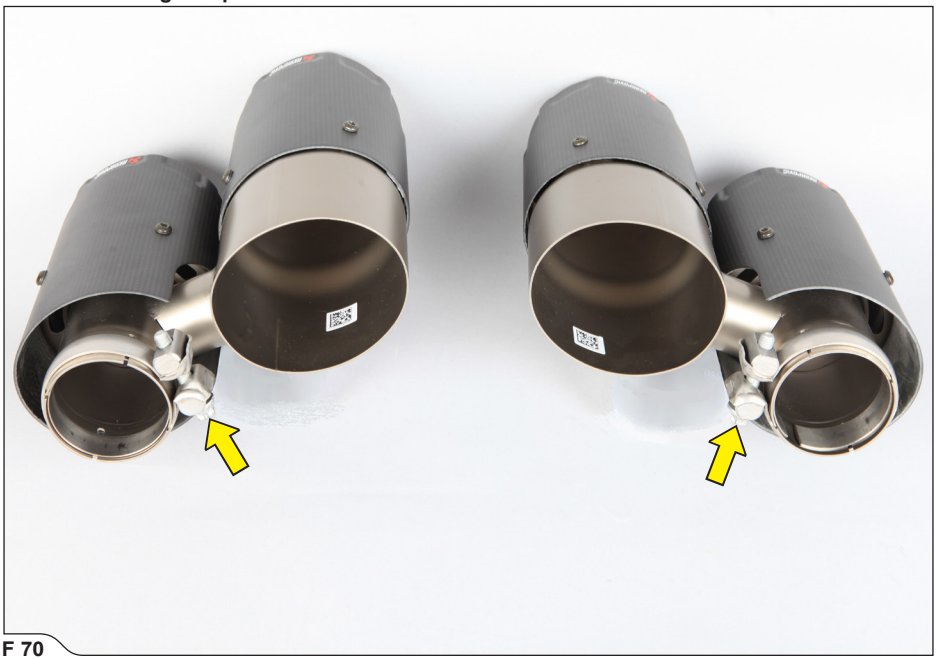
! CAUTION: make sure not to injure yourself or damage any part of the vehicle during this process!



F 69

11. Assemble the clamps and spherical rings from installation kit, onto the tail-pipes, as shown; slide the tail-pipes onto the muffler outlets, rotate and center them in respect to rear bumper's cutouts and according to your personal preference and tighten the clamps to the specified torque **(F 70, 71, 72, 73, 74, 75).**

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



F 70



F 71



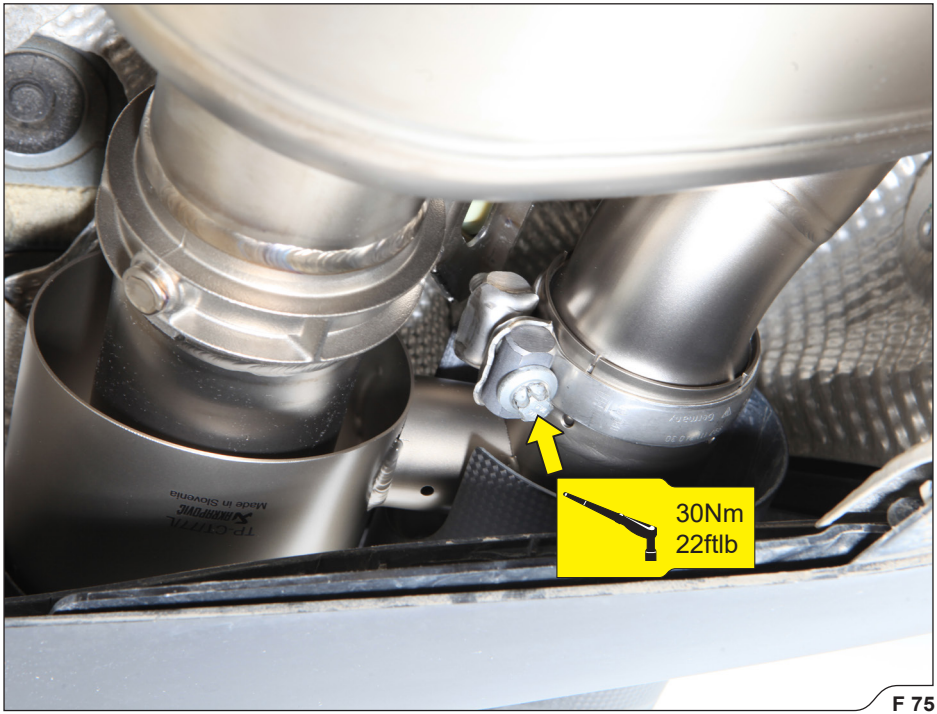
F 72



F 73



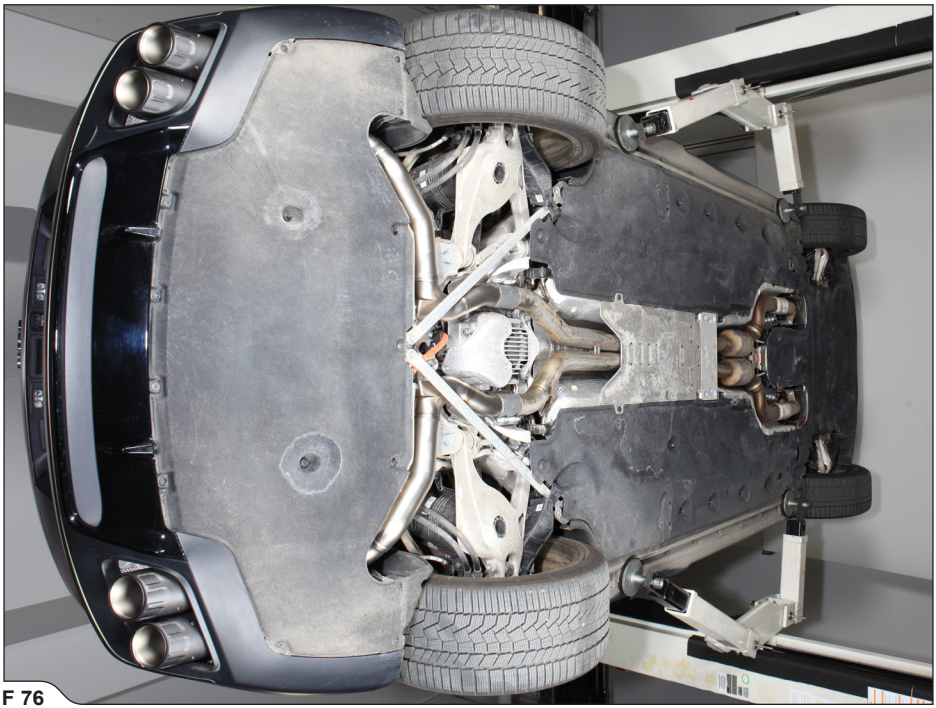
F 74



F 75

12. Reinstall all dismounted stock parts (wheel arch trim, chassis reinforcement, under-floor panels, trunk trim etc.); check vehicle manufacturer workshop manual for correct procedures and tightening torques **(F 72).**

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



F 76

FINAL INSTALLATION:

! **IMPORTANT: reinstall the dismounted 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.**

! **IMPORTANT: IN CASE OF CONTAMINATION WITH GASOLINE, ALL PAINTED/LACQUERED SURFACES OF THE AKRAPOVIČ COMPONENTS MUST BE WIPED WITH SOFT, ABSORBENT CLOTH IMMEDIATELY!**

! **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 PORSCHE PANAMERA V8 TYPE 976. THERE MAY BE SOME DIFFERENCES IN INSTALLATION PROCEDURES FOR OTHER MODELS.**

TROUBLESHOOTING:

Problem	Possible cause	Solution
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 Controller TNG. **If the LED is off:** • Check electrical connection and connectors • Check fuse for exhaust valves
	Error detected	Check green LED on the Controller TNG. **If the LED is continuously ON:** • There are no errors detected. **If the LED is continuously blinking:** • There is an error detected. Connect the Controller TNG to PC via USB cable and use Akrapovic Tools diagnostic utility. This action can be performed only by authorized Akrapovic dealers.

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

E26 **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 Atlan d.o.o. hereby declares that this Atlan 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.**



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www.akrapovic.com