



## Installation instructions

Akrapovič Exhaust System:

**Evolution**

for the

**MERCEDES-BENZ SLS AMG Coupe,  
MERCEDES-BENZ SLS AMG Roadster**





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**Congratulations on purchasing an Akrapovič exhaust system. Please read the entire installation manual prior to undertaking any activities related to installation of your new Akrapovič exhaust system. In case you do not fully understand the manual or any of its parts, please contact your authorized dealer!**

**This product should be installed by someone with sufficient knowledge of exhaust systems and their installation, and appropriate hand or power tools. If you are not qualified for this work, please utilize a certified mechanic for installation. By installing Your Akrapovič exhaust system, you indicate that you have read the installation manual in its entirety and you agree with the terms stated herein.**

**It is your responsibility to follow all installation instruction guidelines supplied with the Akrapovič exhaust system and undertake all necessary safety precautions. Akrapovič d.d. assumes no responsibility for damages occurring from misuse, abuse, improper installation, improper operation, lack of responsible care, or all previously stated reasons resulting from incompatibility with other manufacturer's products and/or systems.**

## **IMPORTANT INFORMATION**

### **Exclusion of Certain Liability**

1. The manufacturer, importer or dealer shall not be liable for any incidental damage including personal injury or any other damages caused by improper installation or operation of the Akrapovič exhaust system. When installing the Akrapovič exhaust system be careful that the exhaust system does not touch other parts sensitive to high temperature.
2. Akrapovič makes no representation or warranties with regard to damage caused by the improper installation, use and maintenance of the Akrapovič exhaust system. The warranty is limited to defects recognized by our technical department and due to normal use, and excludes items subject to normal wear (gaskets and damping wool). The guarantee is void in case of accident, modification, improper or competition use.
3. Do not attempt to install the Akrapovič exhaust system on a vehicle model for which it was not made or tested by Akrapovič.
4. When the exhaust system gets very hot during operation, be careful not to burn yourself on the exhaust system or parts which are in direct contact with it, even when the engine is not running. Also protect other people, especially children, from the injuries mentioned above.

1. In some cases Akrapovič exhaust system kits contain chemical products (ceramic anti-seizing grease; bolt sealant). Handle with care, do not inhale or swallow. Avoid excessive contact with skin, eyes or mucous membranes. Keep out of reach of children.
2. Technical specifications of Akrapovič exhaust systems and related products are subject to change without notice.
3. Before removing the original exhaust system from your vehicle, please compare the parts you received with the list of materials provided in the installation manual in order to assure that you have all the parts necessary for the installation of your new Akrapovič exhaust system.
4. Although this manual consists of instructions for installation in written form, as well as photographs and pictures representing individual steps of the installation, please note that the photographs and pictures are symbolic and are intended for representation of general overview only. The photographs and pictures contained herein should serve as a guideline only and actual installation of the exhaust system may not correspond with the photographs and pictures entirely.
5. The process of uninstalling the original exhaust system may vary depending on the existing exhaust system. Please follow the original exhaust system manufacturer's instructions for uninstalling the original exhaust system.

### **Trademarks**

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.

### **Akrapovič website**

Information about Akrapovič exhaust systems and related products is available on the Akrapovič website at:

**<http://www.akrapovic.com/>**

### **Copyright**

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## Symbols

The following symbols are used throughout these installation instructions:



**TOOLS REQUIRED**



**TIGHTENING TORQUE**



**INSTALLATION TIP**



**CAUTION OR WARNING**



**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 the 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. Avoid excessive skin contact. Keep out of reach of children.**



**USE ANTI-SEIZING GREASE** (white tube); Prevents seizing, corrosion and excessive wear between the titanium components of your exhaust system. **WARNING! Avoid eye contact. Avoid excessive skin contact. Keep out of reach of children.**



T-handle swivelling 8 mm wrench  
T-handle swivelling 10 mm wrench  
Torx 10  
Torx 12  
Torx 27  
T-handle 8 mm wrench  
T-handle 12 mm wrench  
Combination 13 mm wrench  
Combination 15 mm wrench  
Combination 16 mm wrench  
Cutting nippers  
Pry bar



**BEFORE INSTALLING, CHECK SCHEMATIC OF THE EXHAUST SYSTEM! THE LATEST VERSION OF THE PARTS LIST AND SCHEMATIC DRAWINGS OF THE PRODUCTS ARE AVAILABLE ON OUR WEB PAGE.**



**IF ANY ITEMS IN THE AKRAPOVIČ EXHAUST SYSTEM PACKAGE ARE MISSING, PLEASE CONTACT YOUR AUTHORIZED DEALER. KEEP THE SCHEMATIC FOR FUTURE REFERENCE.**



**THESE INSTALLATION INSTRUCTIONS MUST BE READ CAREFULLY IN ORDER TO ENSURE PROPER INSTALLATION AND OPERATION OF THE AKRAPOVIČ EXHAUST SYSTEM.**



**THE EXHAUST SYSTEM CAN BE EXTREMELY HOT. ALLOW THE EXHAUST AND ENGINE TO COOL DOWN BEFORE BEGINNING INSTALLATION.**



**WE ADVISE YOU TO LEAVE INSTALLATION TO A QUALIFIED SERVICEMAN. IMPROPER INSTALLATION MAY RESULT IN A SHORTER LIFETIME OF THE EXHAUST SYSTEM AND/OR DAMAGE TO THE VEHICLE.**



**THIS MANUAL IS SPECIFIC TO THE SLS AMG Coupe. THERE MAY BE SOME DIFFERENCES IN INSTALLATION PROCEDURES FOR OTHER MODELS.**



**AT EACH ENGINE START, THE EXUP VALVE MAY VIBRATE FOR A FEW SECONDS UNTIL THE VACUUM SYSTEM REACHES OPERATING PRESSURE.**

## **REMOVAL OF STOCK EXHAUST SYSTEM:**

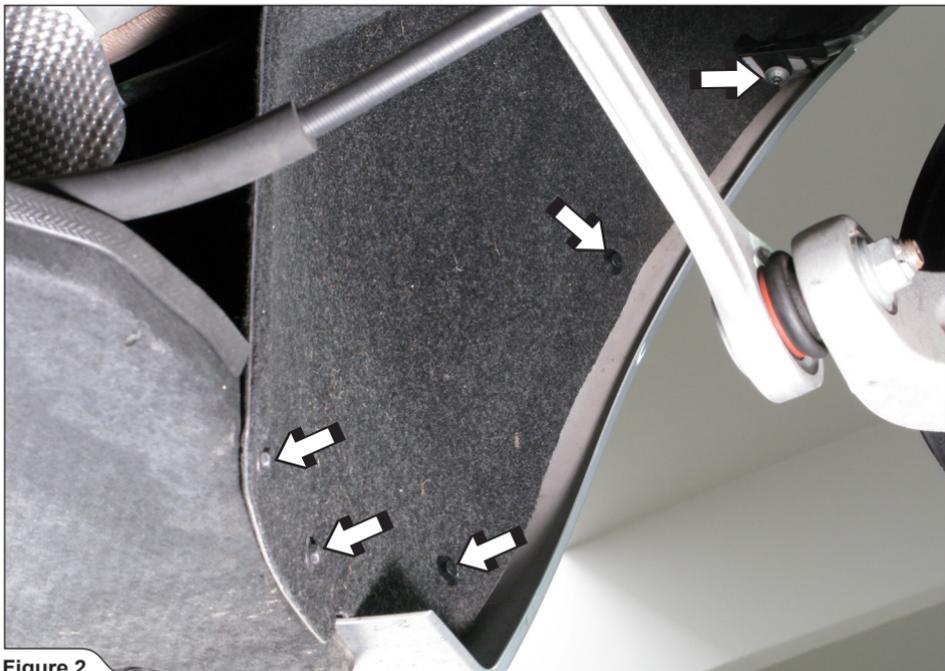
Put the vehicle onto a car lift.

- ! **WARNING:** ensure that the car is lifted safely and properly in order to avoid the risk of vehicle damage, injury, or even death!
1. Unscrew and remove rear wheels. Unscrew rear side of rear wheel arch panels on both sides of the vehicle (Figure 1, 2).



Figure 1

**! WARNING: make sure, not to damage any part of the vehicle during this procedure!**



**Figure 2**

2. Unscrew the marked bolts and remove the diffuser off the vehicle (**Figure 3**).

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!

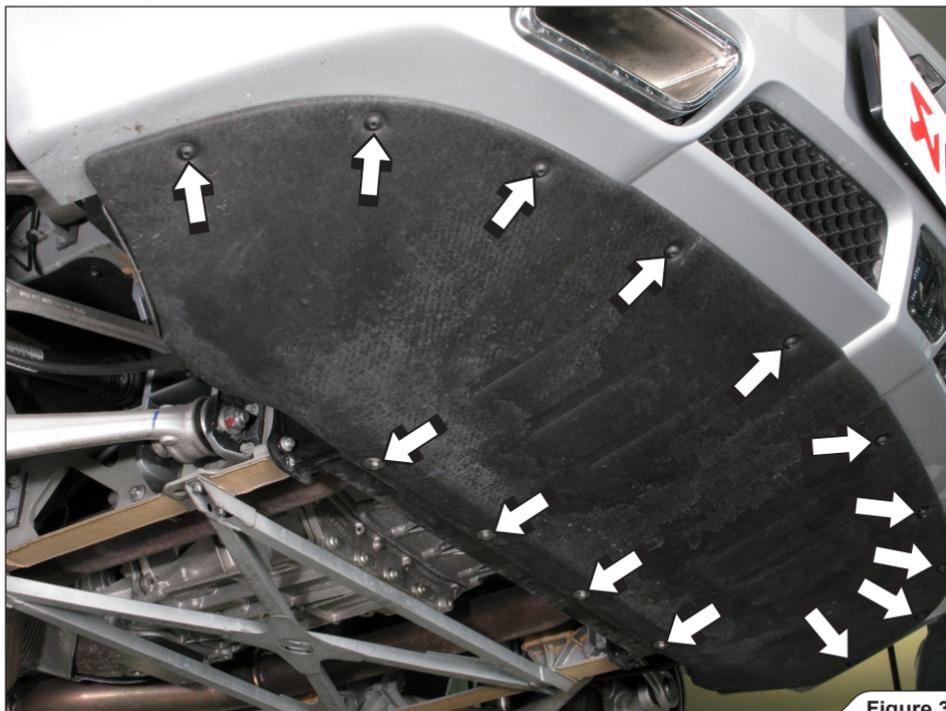


Figure 3

3. Disconnect marked electrical connectors on the right side of the bumper (Figure 4).

! **CAUTION:** be careful not to damage the connectors or electrical leads during this procedure!

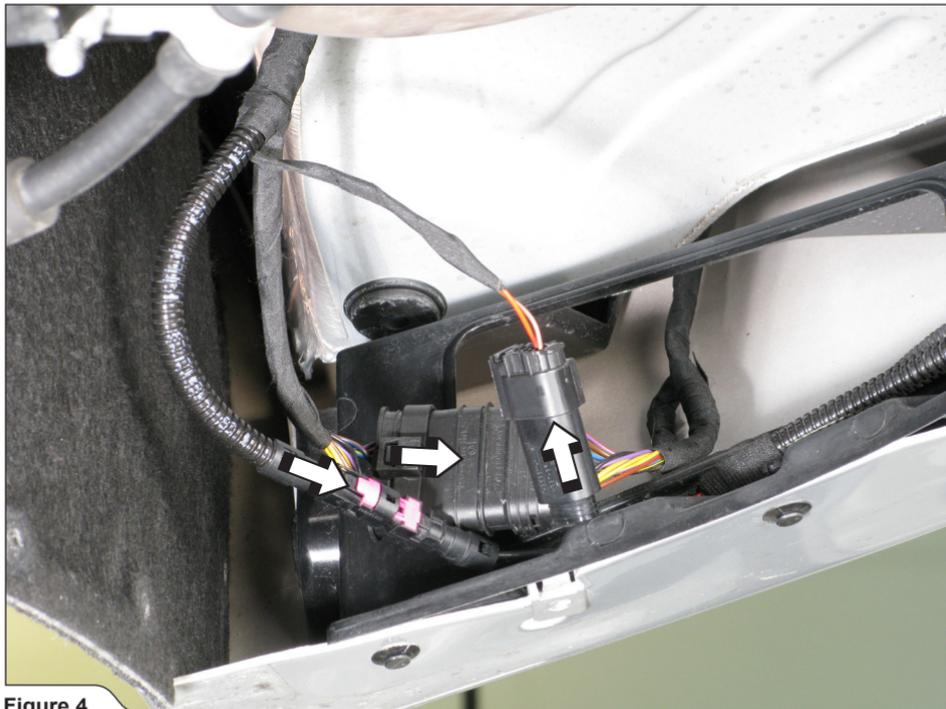


Figure 4

4. Carefully remove the trunk lid gasket (Figure 5).

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



Figure 5

5. Remove marked plastic bolt covers, and marked trim panels (**Figure 6**).

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



Figure 6

6. Unscrew marked nuts and remove the plastic sill trim from the vehicle (**Figure 7**).

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



**Figure 7**

7. Carefully remove trunk covering in the exact sequence and disconnect marked electrical connectors (Figure 8, 9).

! **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!

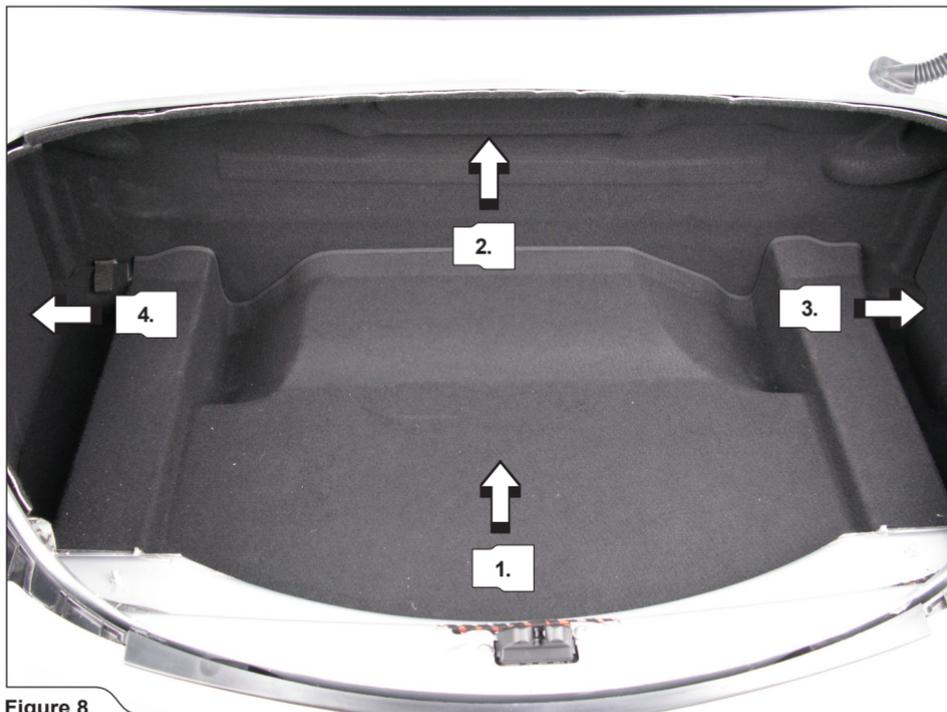


Figure 8

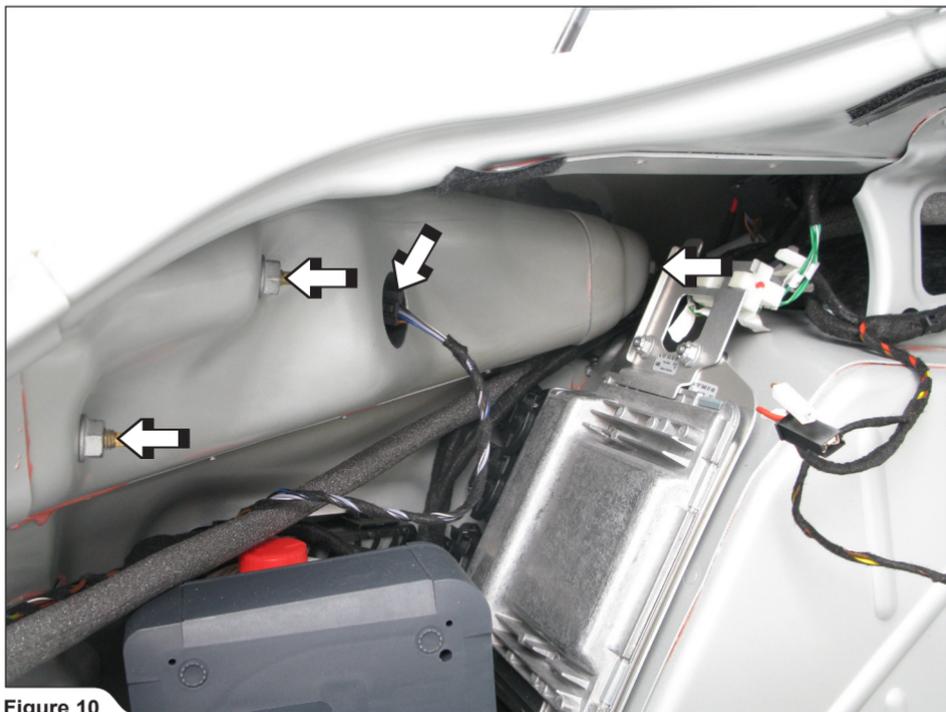
**!** CAUTION: be careful not to damage the connectors or electrical leads during this procedure!



**Figure 9**

8. Disconnect marked electrical connectors, unscrew marked nuts and carefully remove tail lights from both side of the vehicle (**Figure 10**).

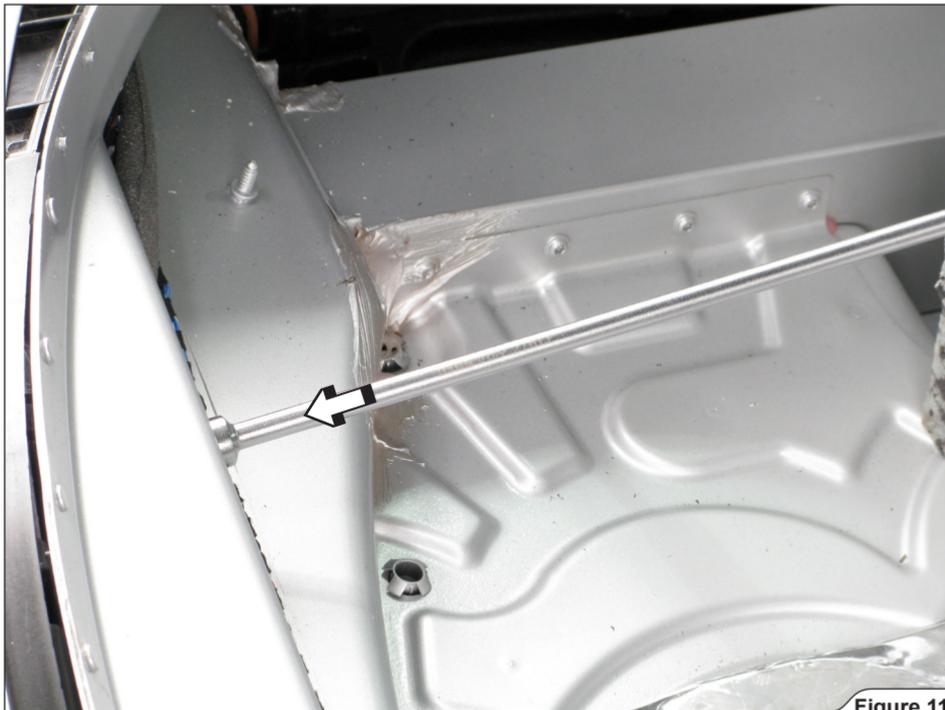
**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



**Figure 10**

9. Unscrew the marked bumper nut and carefully undo the bumper clips on both sides of the vehicle. Remove the bumper off the vehicle (**Figure 11, 12**).

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



**Figure 11**

**!** **WARNING:** make sure not to damage the bumper clips, or any other part of the vehicle during this procedure!



**Figure 12**

10. Disconnect marked electrical connectors, unscrew the marked nuts and partially remove the hand-brake system from the bracket (**Figure 13**).

**!** **CAUTION:** be careful not to damage the electrical leads, wires, or any other part of the hand-brake system during this procedure!

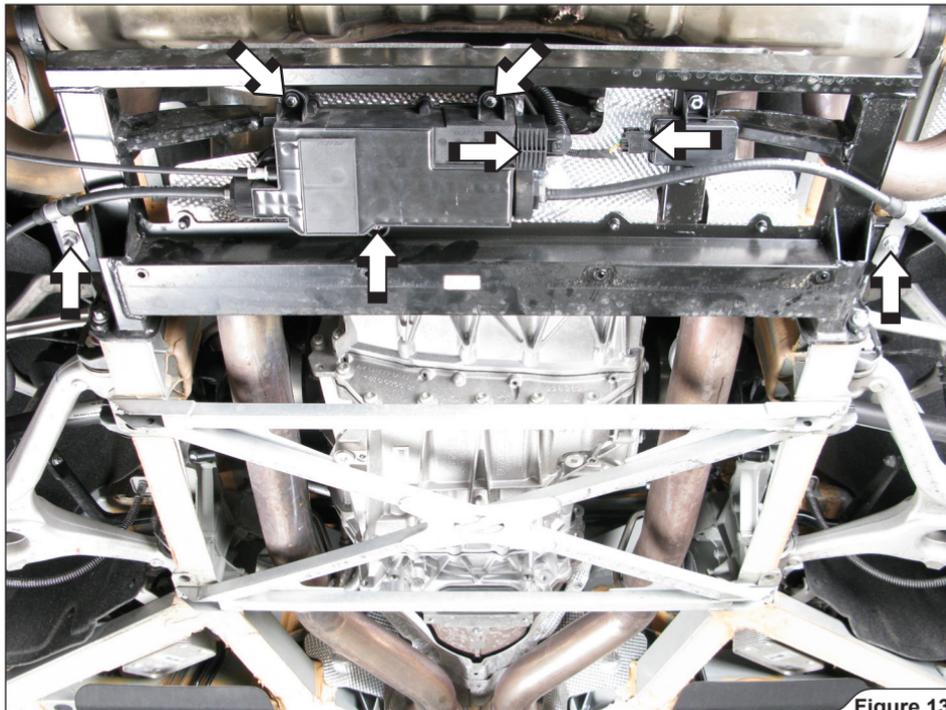


Figure 13

11. Unscrew the marked bolts on both sides of the bracket and carefully remove the hand-brake system bracket off the vehicle (Figure 14).

! **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!

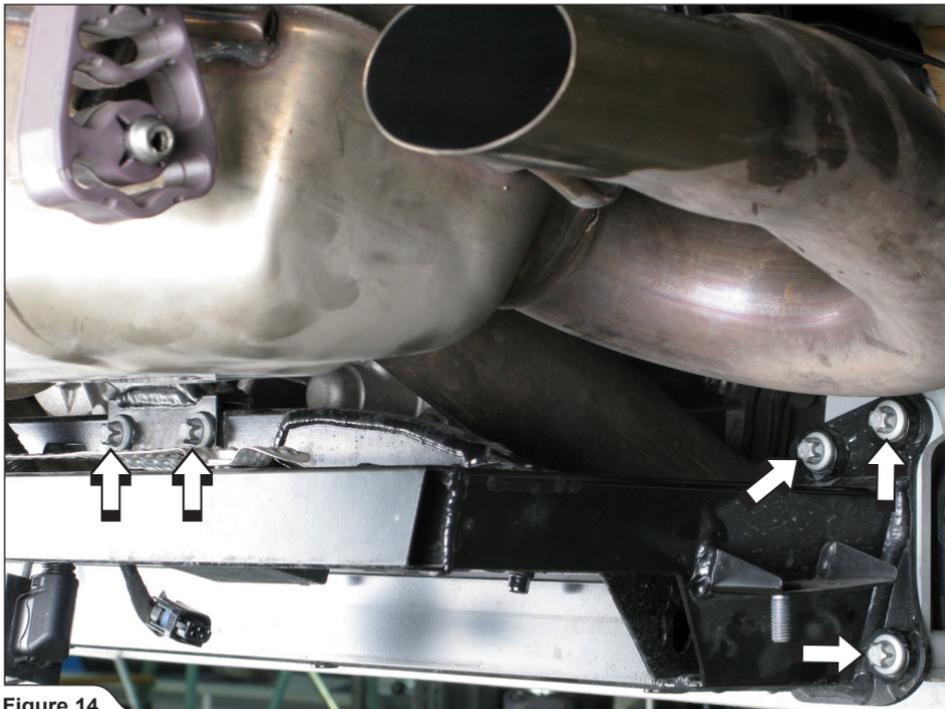


Figure 14

12. Unscrew the marked bolts and remove the chassis reinforcement off the vehicle (**Figure 15**).

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!

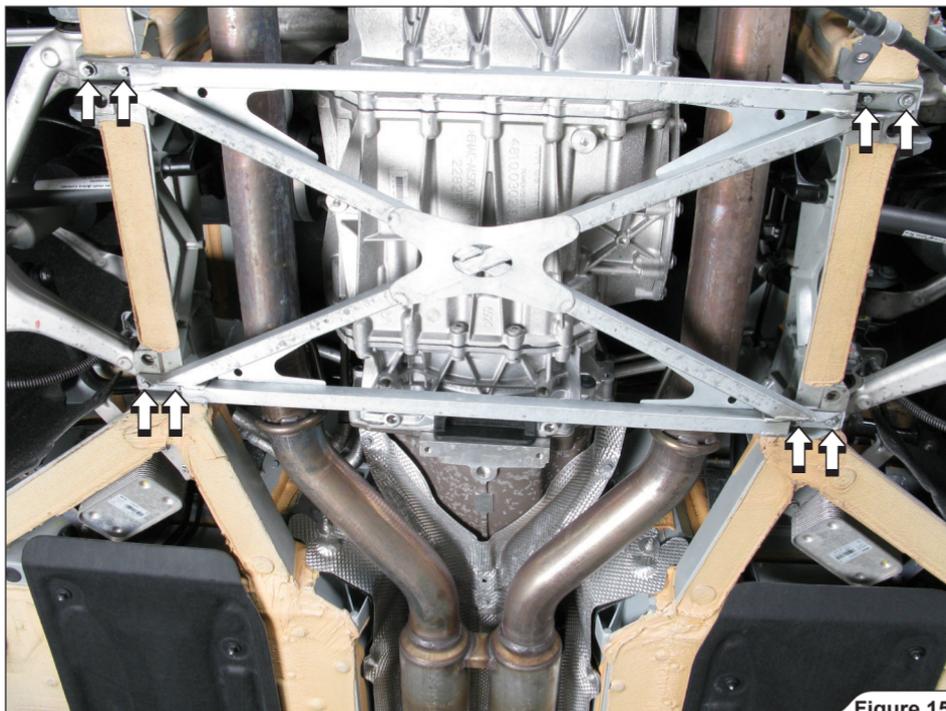


Figure 15

13. Loosen marked connection clamp bolt and unscrew flange nuts.
  14. Unscrew marked nuts and bolts and remove exhaust bracket from the vehicle (**Figure 16**).
- !** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!

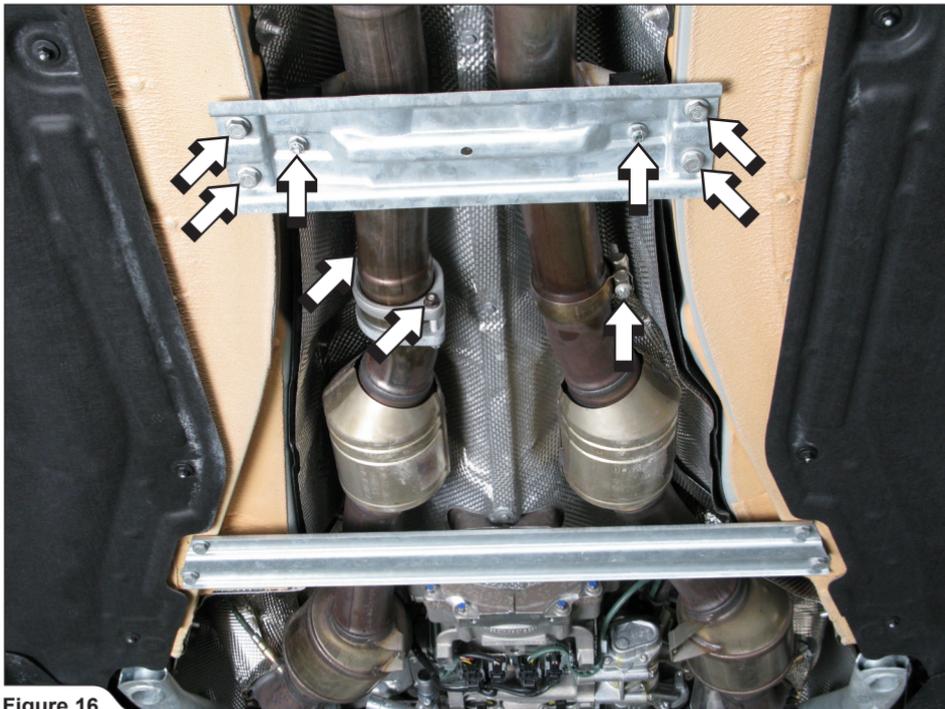
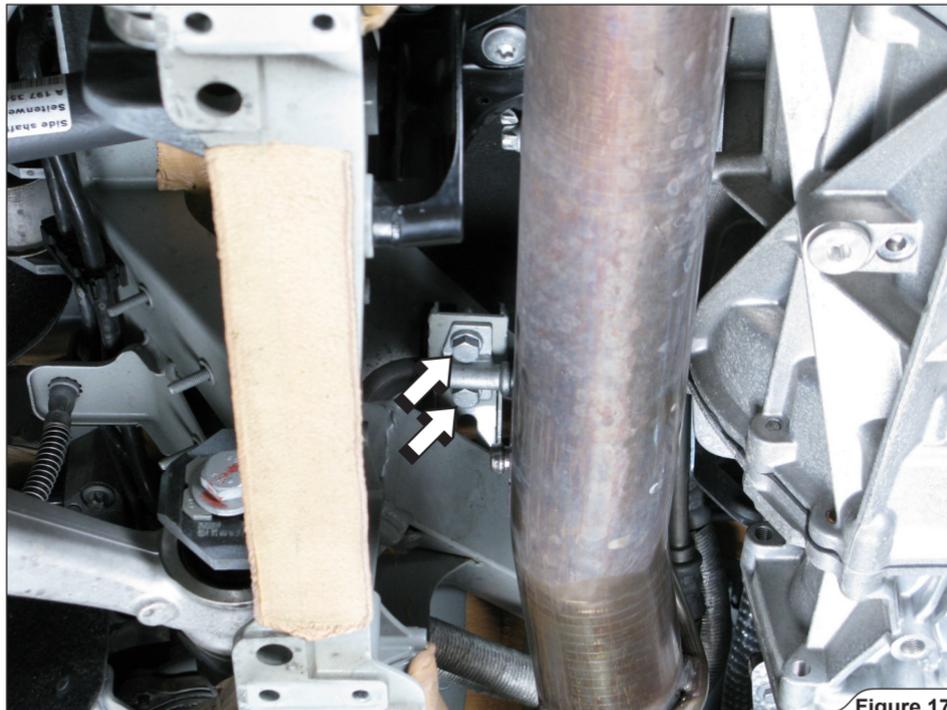


Figure 16

15. Unscrew marked exhaust brackets' bolts on both sides of the vehicle (**Figure 17**).

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



**Figure 17**

16. Unscrew the marked exhaust brackets' bolts on both sides and carefully remove exhaust off the vehicle (**Figure 16**).

! **WARNING:** make sure, that you support the exhaust during this procedure or you could injure yourself or damage the vehicle!

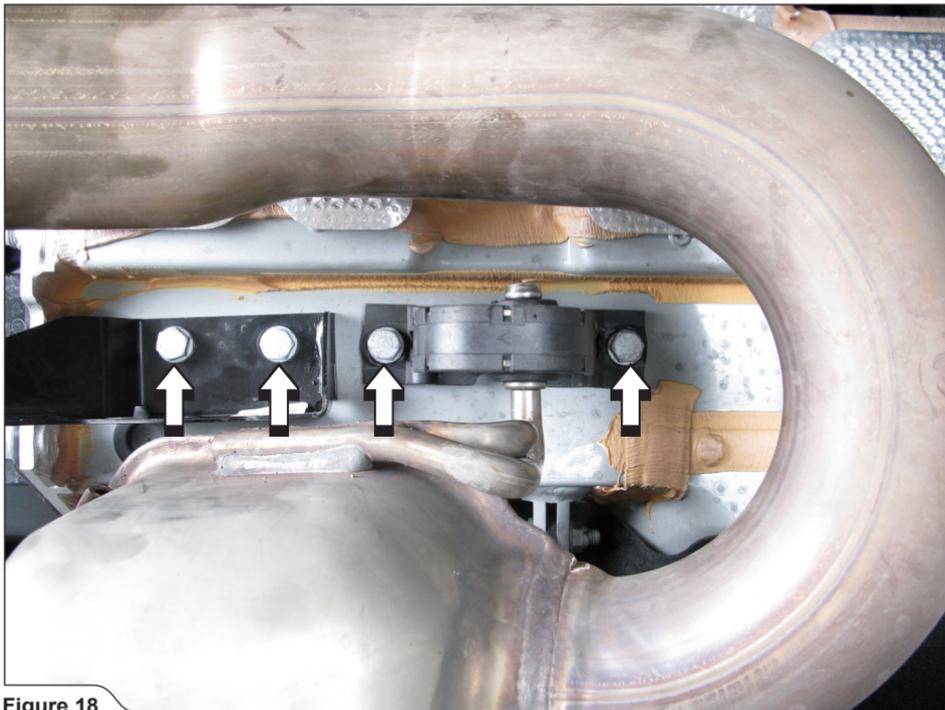


Figure 18

## **INSTALLATION OF AKRAPOVIČ EXHAUST SYSTEM:**

1. For wireless kit installation: remove the marked plastic engine cover (Figure 19).

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



Figure 19

2. **For wireless kit installation:** disconnect marked original vacuum hose and insert the Akrapovič 3.5 cm vacuum hose with plastic Y piece distributor between the original vacuum hose and vacuum tank (**Figure 20, 21**).

**! WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



Figure 20



Figure 21

3. **For wireless kit installation:** connect the Akrapovič 430cm rubber hose to a Y piece distributor. Direct and secure the hose, as shown (**Figure 22**).

! **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!

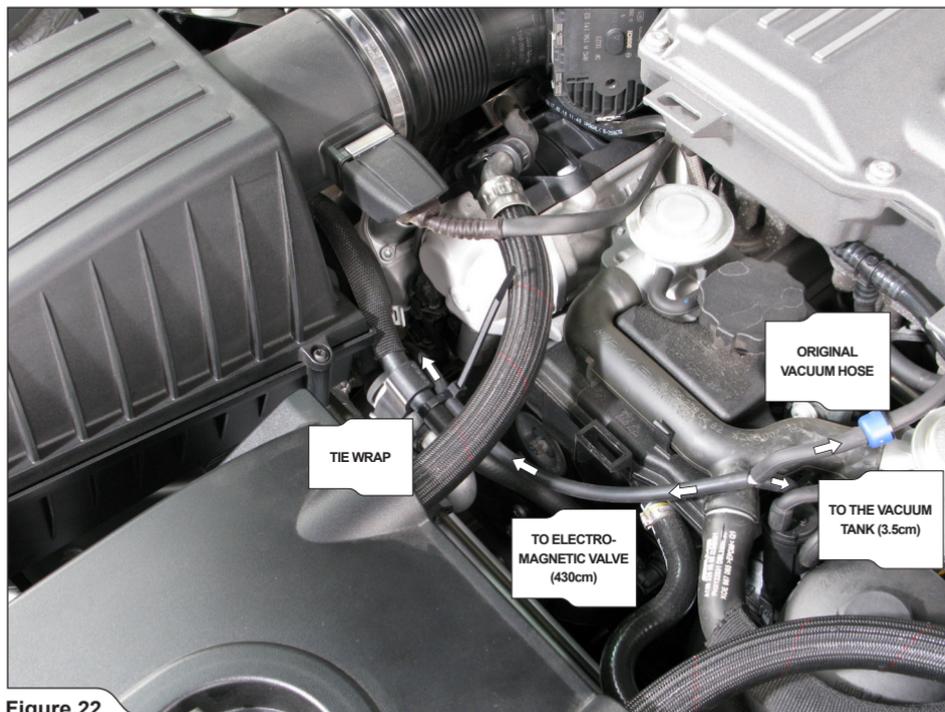


Figure 22

4. **For wireless kit installation:** unscrew marked nuts and partially remove right side underbody shield for vacuum hose installation (**Figure 23, 24**).

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!

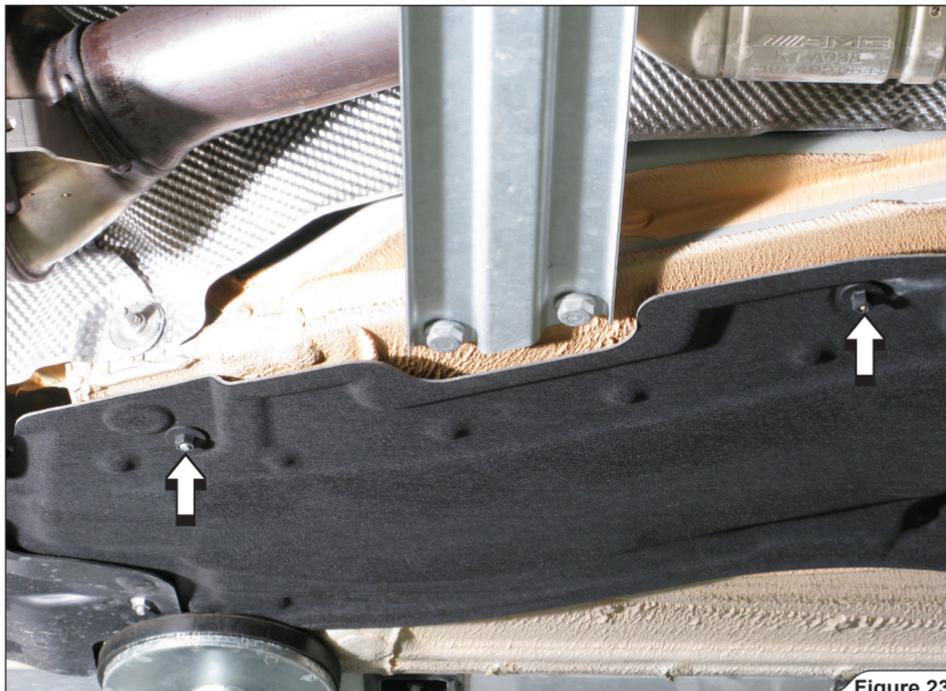


Figure 23



Figure 24

5. **For wireless kit installation:** direct and secure the Akrapovič 430 cm vacuum hose to the luggage compartment and Akrapovič 270 cm vacuum hose from luggage compartment to the vacuum actuator, as shown (**Figure 25, 26, 27, 28, 29, 30, 31**).

**!** **WARNING:** direct and secure (use additional plastic tie wraps) the rubber vacuum hose in such a way, that it doesn't touch any hot or moving parts of the vehicle!



**Figure 25**

**!** **WARNING:** direct and secure (use additional plastic tie wraps) the rubber vacuum hose in such a way, that it doesn't touch any hot or moving parts of the vehicle!

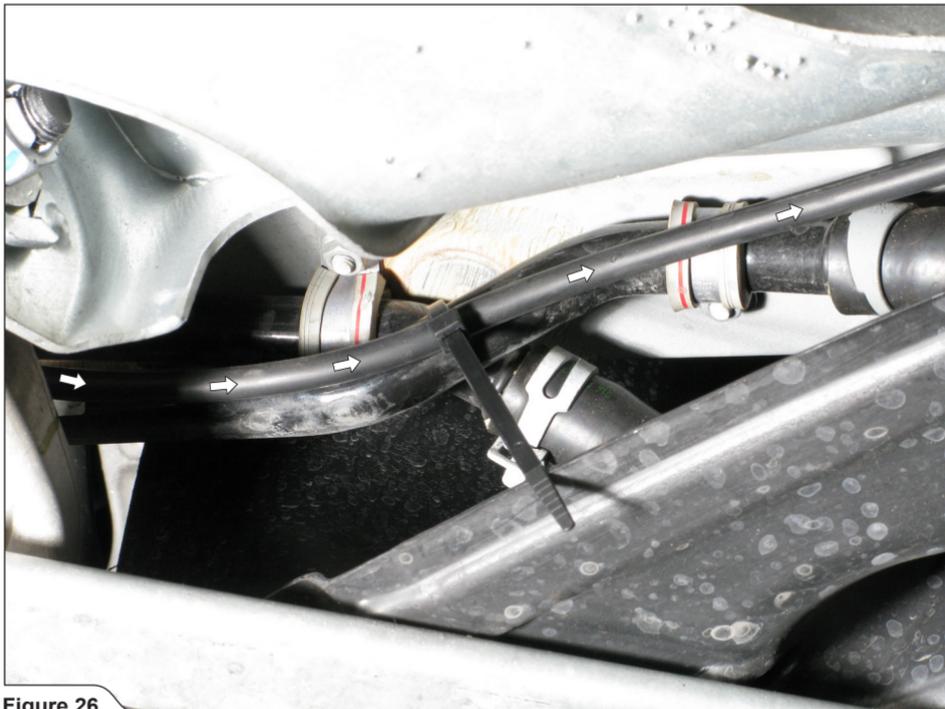


Figure 26

- ! **WARNING:** direct and secure (use additional plastic tie wraps) the rubber vacuum hose in such a way, that it doesn't touch any hot or moving parts of the vehicle!

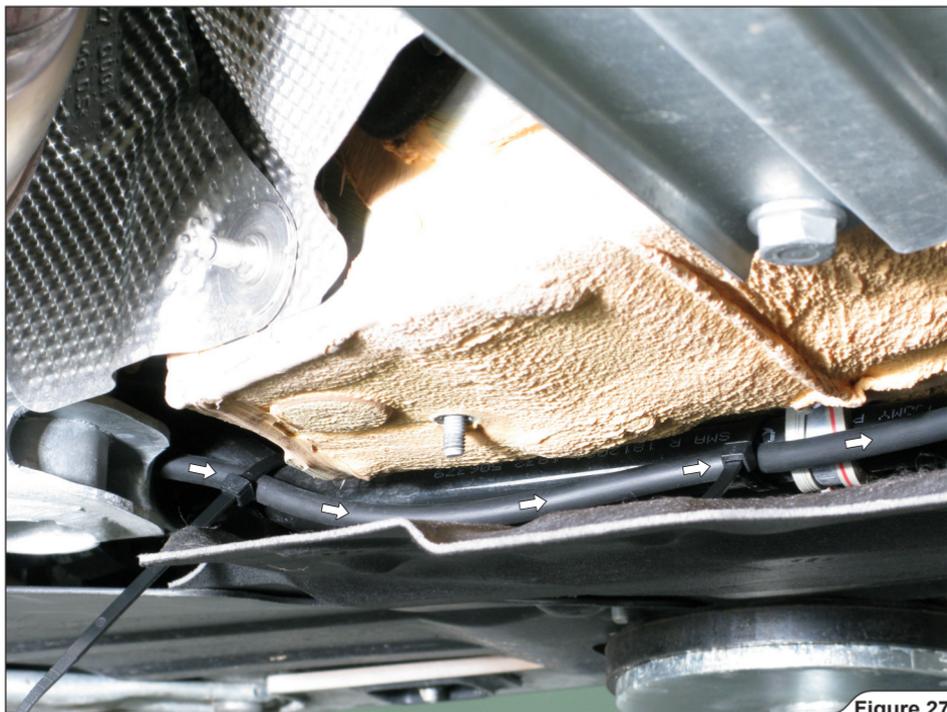


Figure 27

- ! **WARNING:** direct and secure (use additional plastic tie wraps) the rubber vacuum hose in such a way, that it doesn't touch any hot or moving parts of the vehicle!

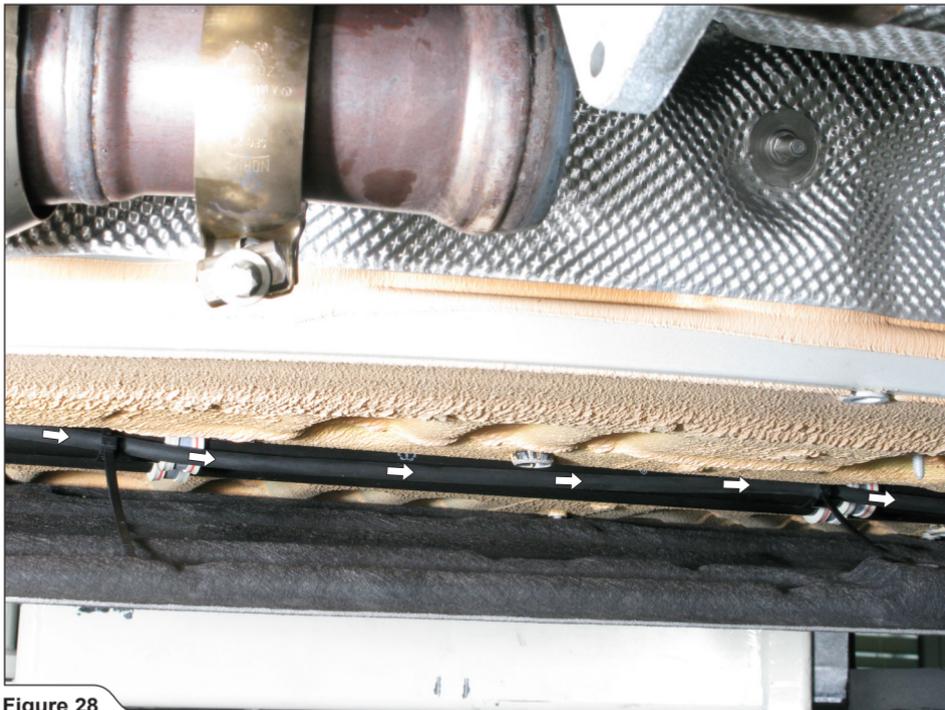


Figure 28

- ! **WARNING:** direct and secure (use additional plastic tie wraps) the rubber vacuum hose in such a way, that it doesn't touch any hot or moving parts of the vehicle!



Figure 29

**!** **WARNING:** direct and secure (use additional plastic tie wraps) the rubber vacuum hose in such a way, that it doesn't touch any hot or moving parts of the vehicle!

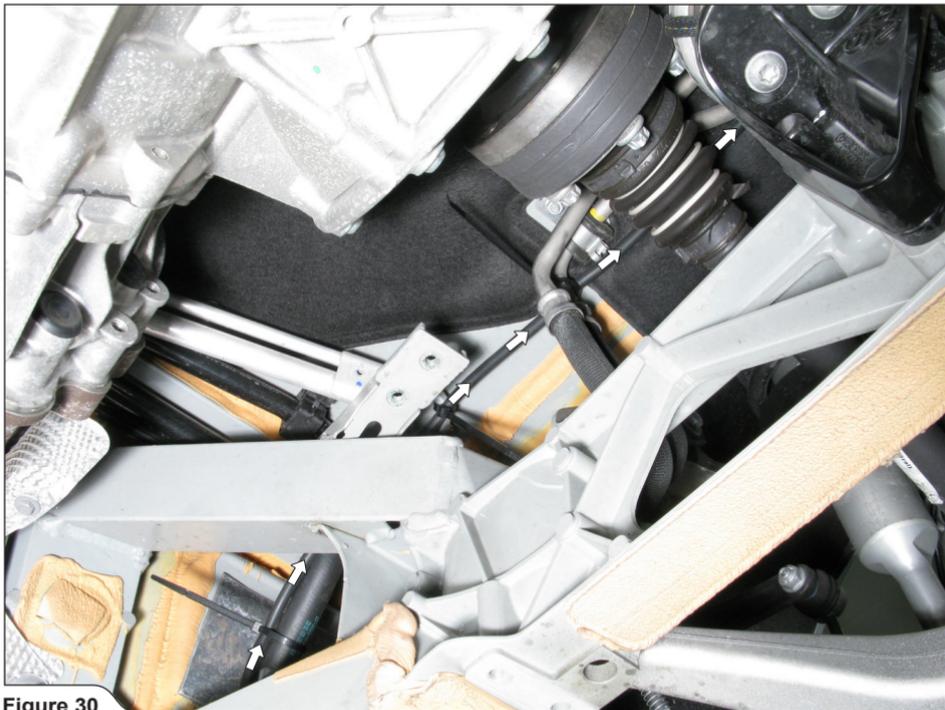


Figure 30

- ! **WARNING:** direct and secure (use additional plastic tie wraps) the rubber vacuum hose in such a way, that it doesn't touch any hot or moving parts of the vehicle!

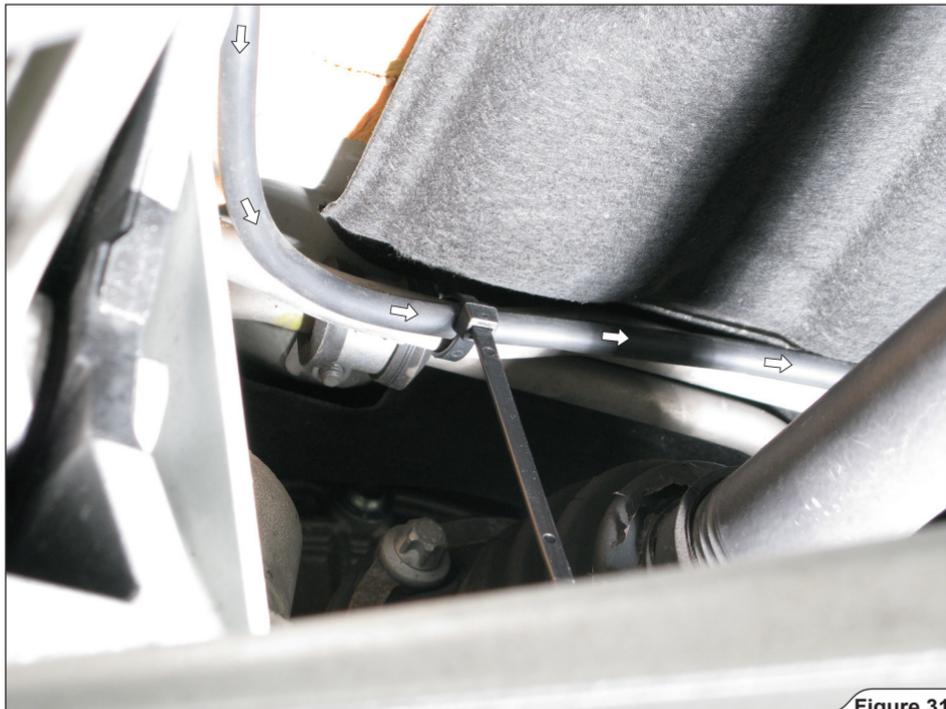


Figure 31

6. **For wireless kit installation:** Unscrew marked nut, partially remove right wheel arc panel and direct the vacuum tube as shown (**Figure 32**).
- ! **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!

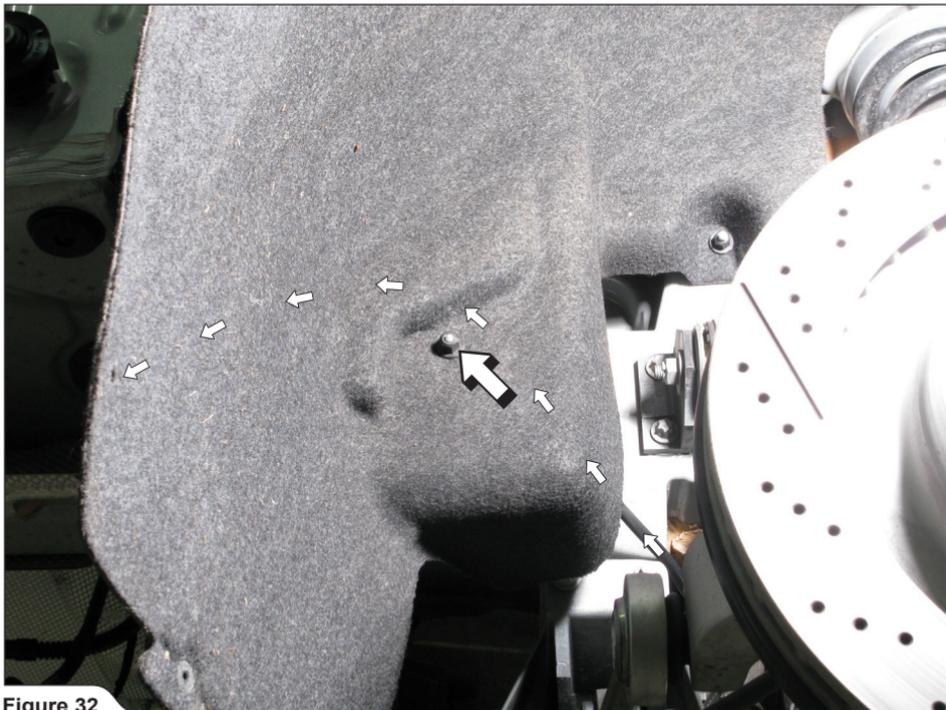


Figure 32

7. **For wireless kit installation:** puncture the sealing on two sides and insert Akrapovič PVC hoses (10 cm) in each puncture (**Figure 33, 34**).

**! WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!

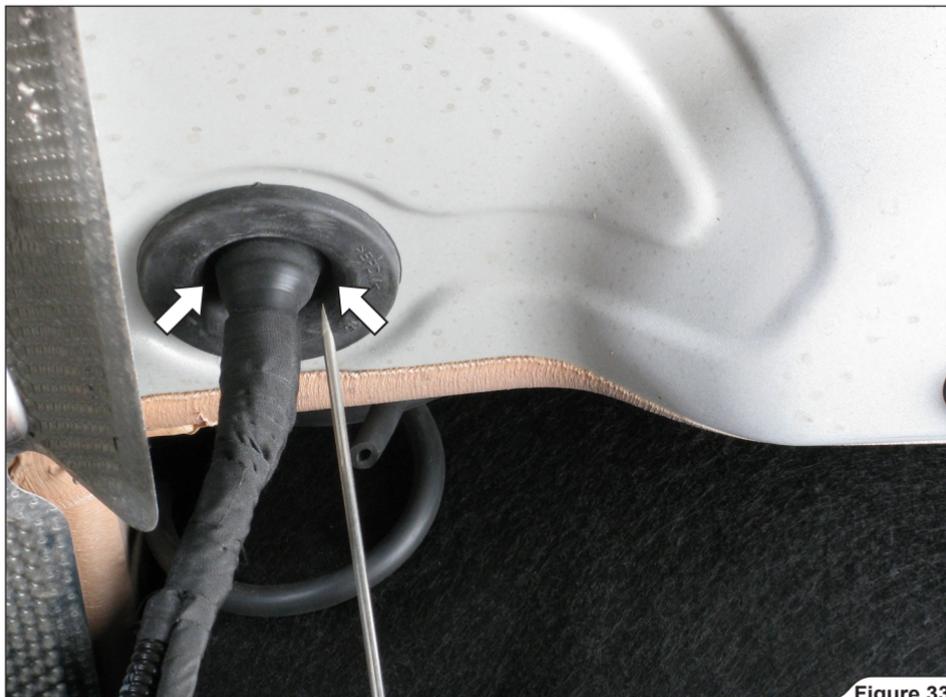


Figure 33

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



Figure 34

8. **For wireless kit installation:** link the Akrapovič 430 cm vacuum hose with marked Akrapovič PVC hose (**Figure 35**).



Figure 35

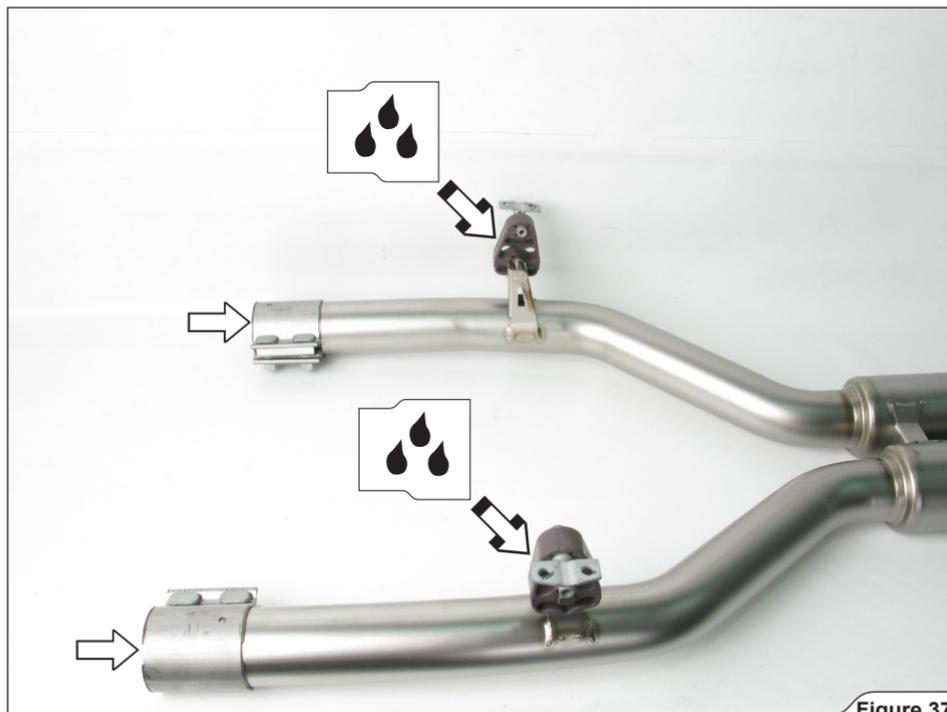
9. **For wireless kit installation:** link the Akrapovič 10 cm vacuum hose with Y piece distributor to the other Akrapovič PVC hose (Figure 36).



Figure 36

10. Assemble Akrapovič connection clamps on the Akrapovič Middle Pipe inlets, as shown (**Figure 37**).
11. Install stock rubber brackets on the Akrapovič Middle Pipe and Akrapovič Muffler. Tighten the marked bolts to a specified torque (**Figure 37, 38, 39, 40**).

**✂ INSTALLATION TIP:** for easier mounting, lubricate the stock rubber brackets (WD40).



**Figure 37**

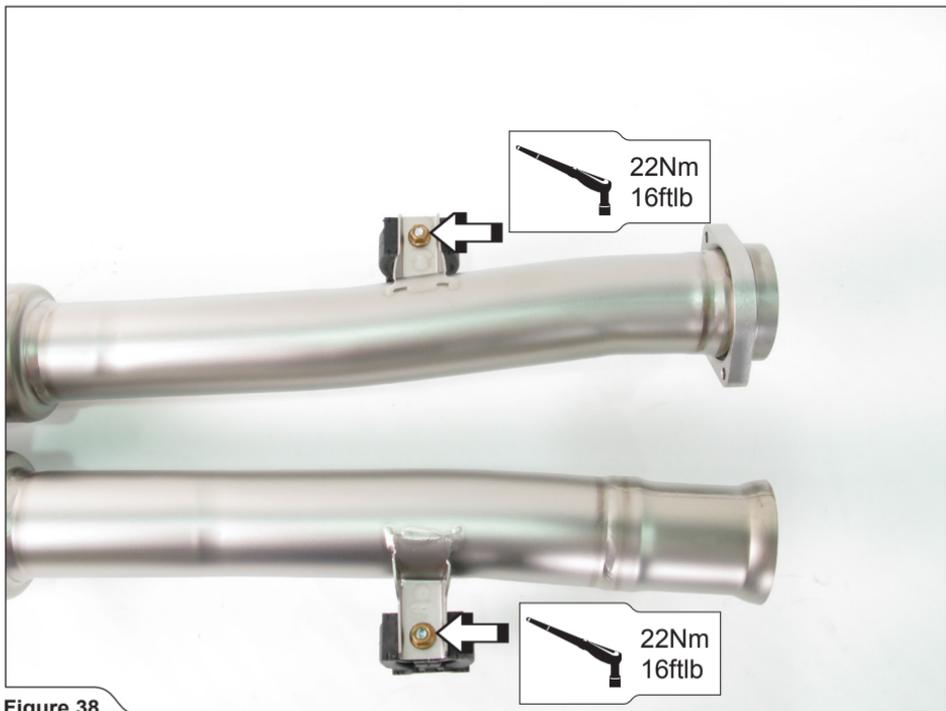


Figure 38

**INSTALLATION TIP:** for easier mounting, lubricate the stock rubber brackets (WD40).



Figure 39

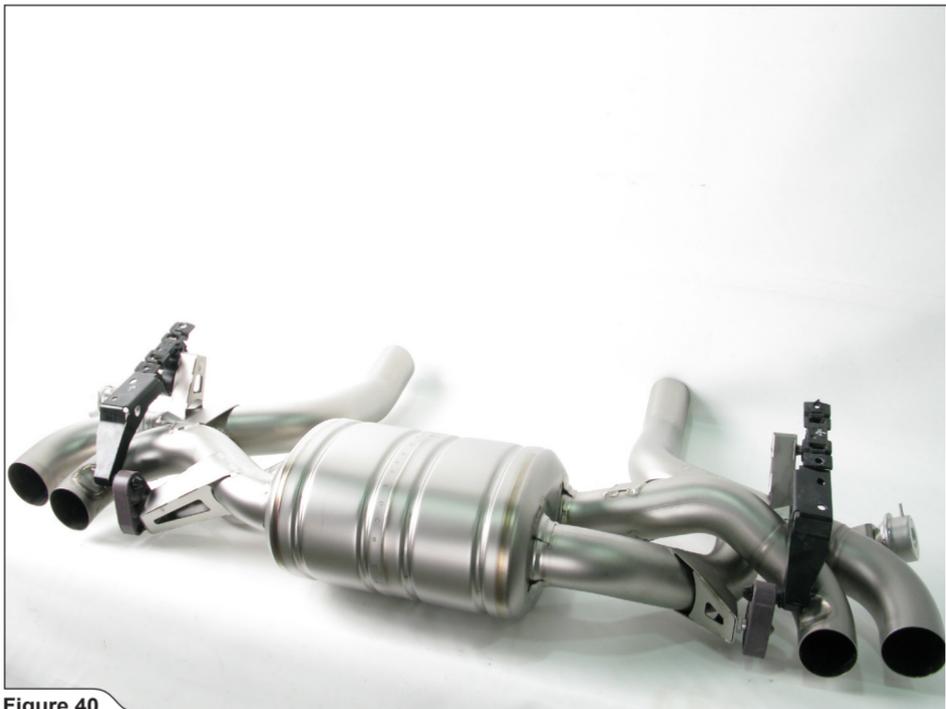


Figure 40

12. Assemble the Akrapovič Middle Pipes onto the stock down pipes, using original clamps, bolts and nuts. Install stock exhaust brackets and tighten marked bolts and nuts to a specified torque (Figure 41, 42, 43).

**!** **WARNING:** do not full tighten stock connection clamp and flange nuts yet!

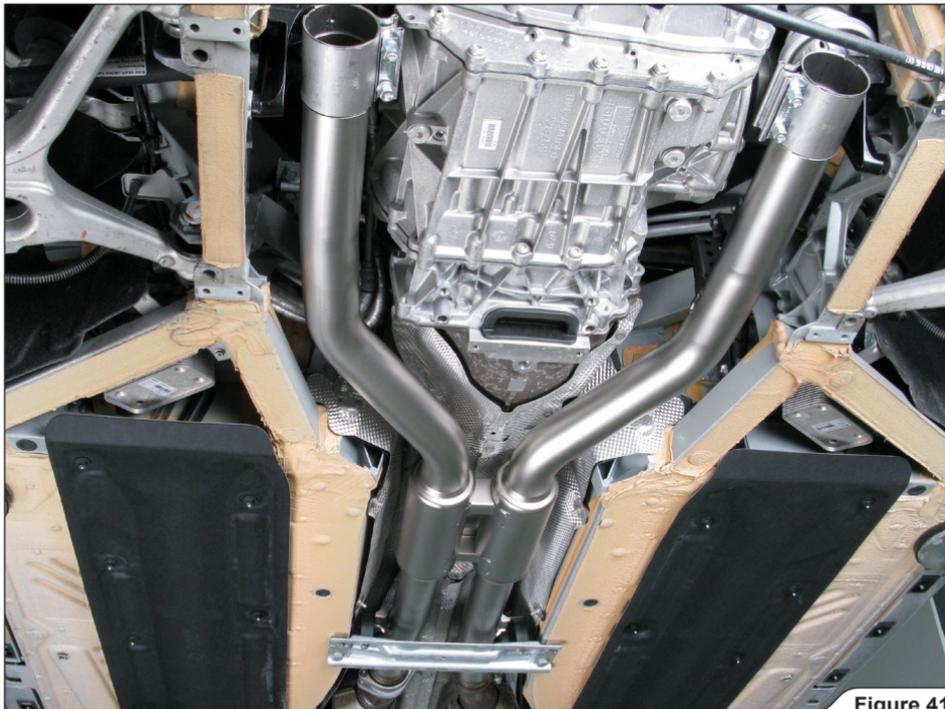


Figure 41

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!

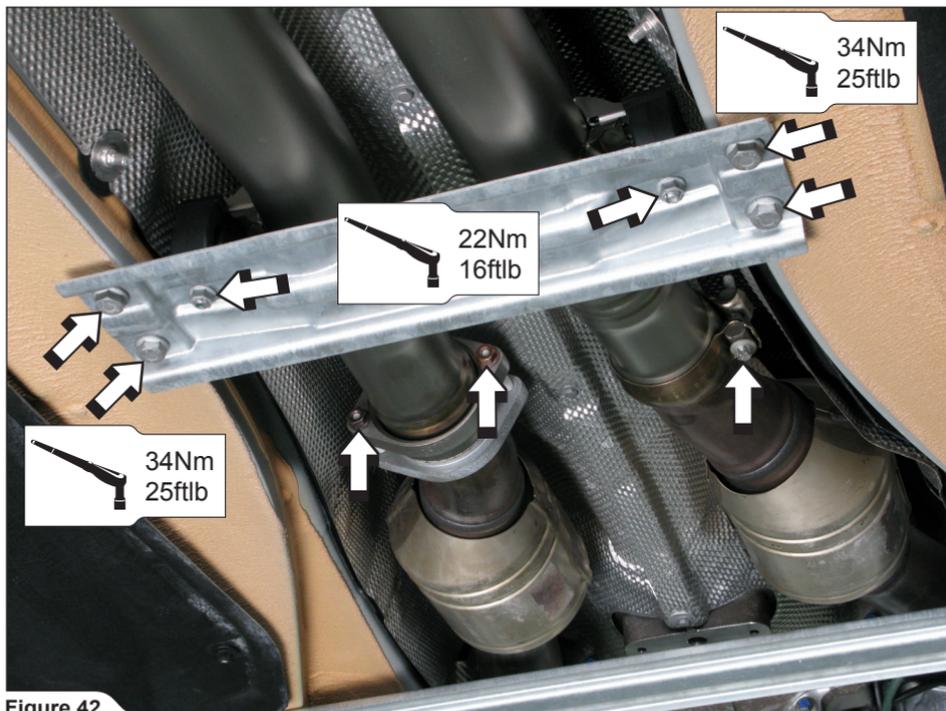
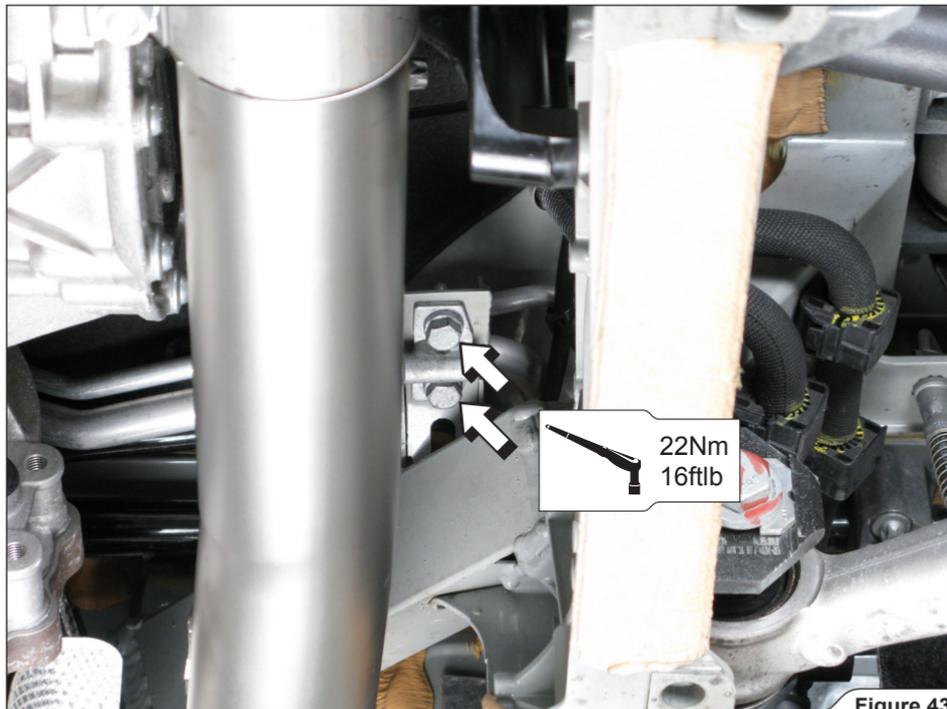


Figure 42

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



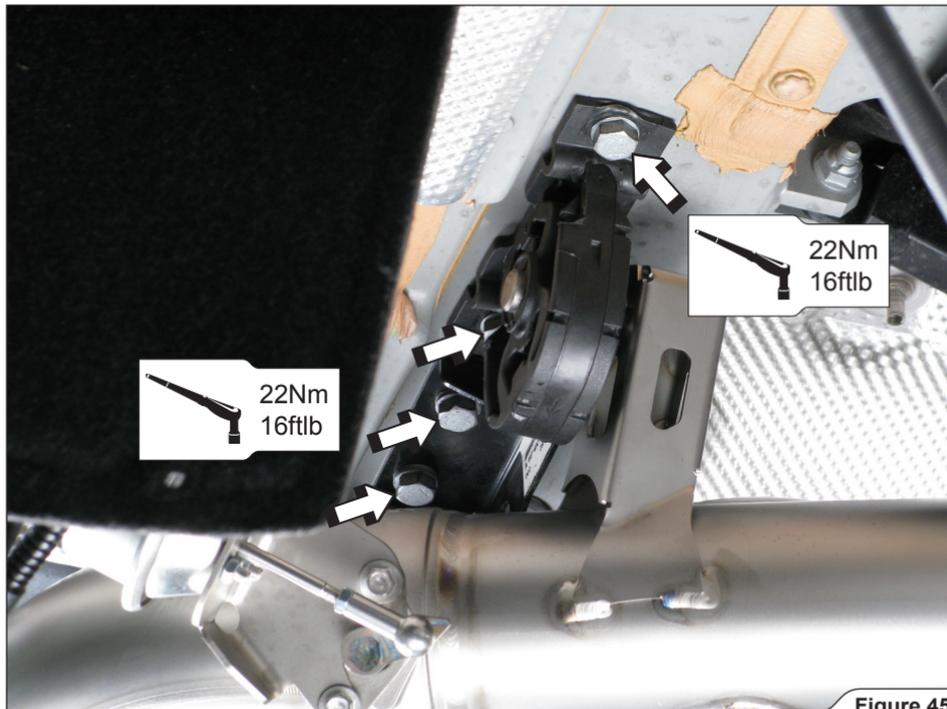
**Figure 43**

- Slide the Akrapovič Muffler onto the Akrapovič Middle Pipes, position the muffler correctly in respect to the vehicle and tighten stock brackets' bolts and Akrapovič connection clamps to a specified torque (**Figure 44, 45, 46**).



Figure 44

**!** **WARNING:** make sure not to injure yourself, or damage any part of the vehicle during this procedure!



**Figure 45**

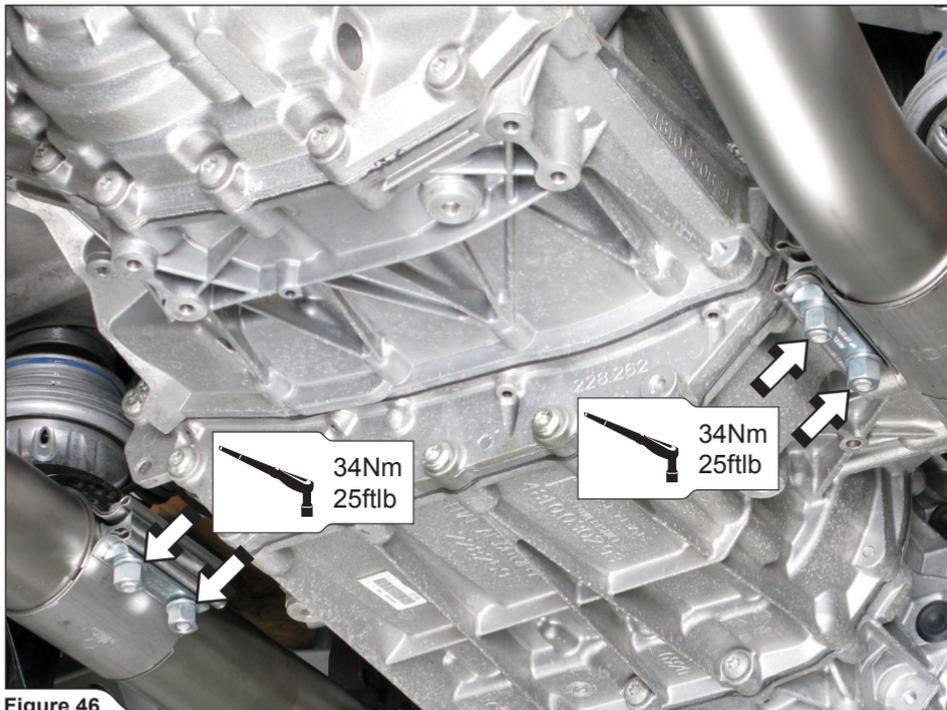


Figure 46

14. **For wireless kit installation:** link the vacuum hoses from Y piece distributor to the vacuum actuators as shown and loosen the market nut and partially remove heat shield for vacuum tube installation (**Figure 47, 48, 49, 50**).

**! WARNING:** make sure, not to injure yourself or damage any part of the vehicle during this procedure!

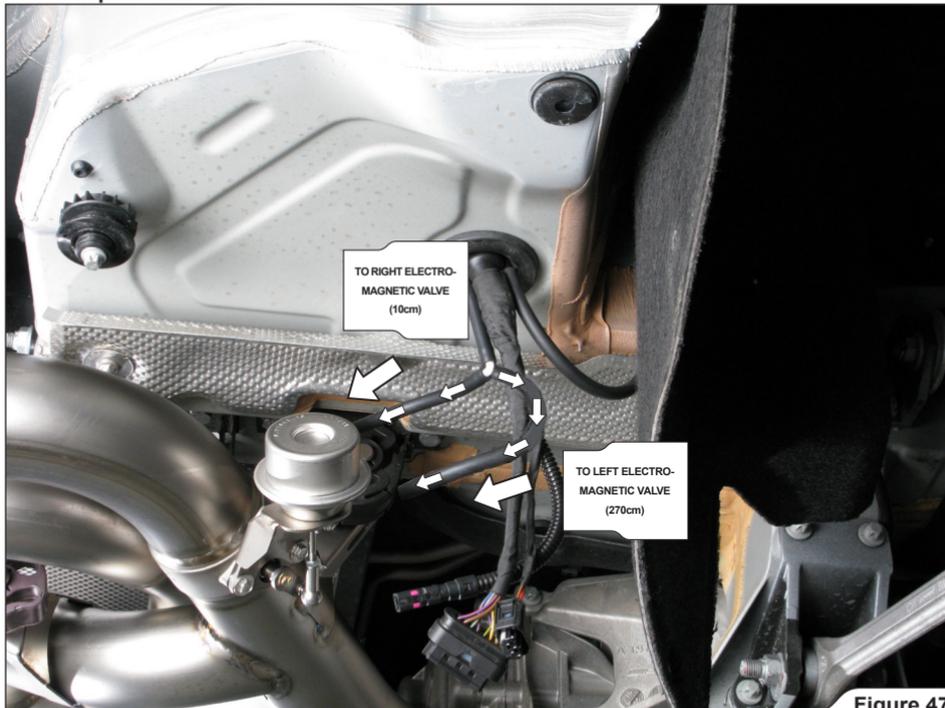
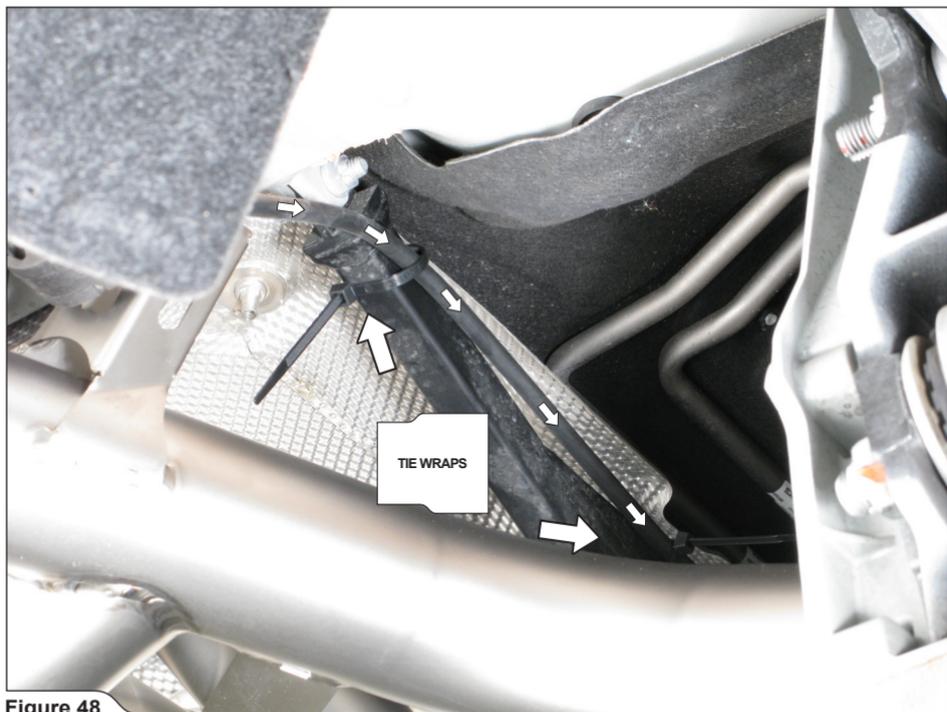


Figure 47

**!** **WARNING:** direct and secure (use additional plastic tie wraps) the rubber vacuum hose in such a way, that it doesn't touch any hot or moving parts of the vehicle!



**Figure 48**

- ! **WARNING:** direct and secure (use additional plastic tie wraps) the rubber vacuum hose in such a way, that it doesn't touch any hot or moving parts of the vehicle!

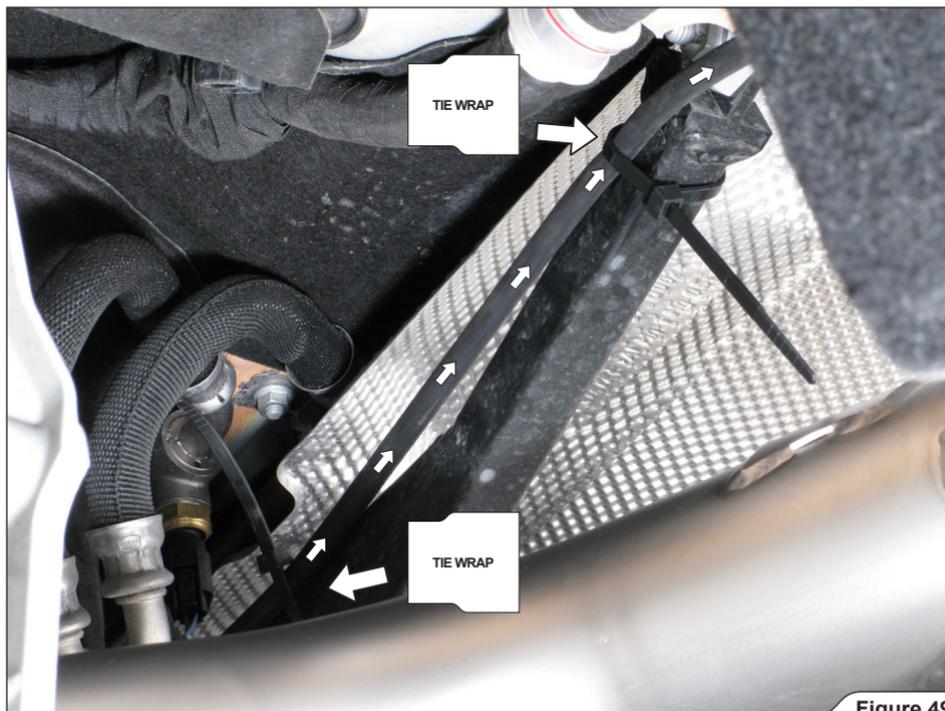


Figure 49

**!** **WARNING:** direct and secure (use additional plastic tie wraps) the rubber vacuum hose in such a way, that it doesn't touch any hot or moving parts of the vehicle!



Figure 50

15. **For wireless kit installation:** transmitter wiring harness: assemble the bracket from Akrapovič installation kit onto the electromagnetic valve as shown (**Figure 51**).

**! CAUTION:** in case of broken supplied fuse, use only 2A automotive blade fuse!

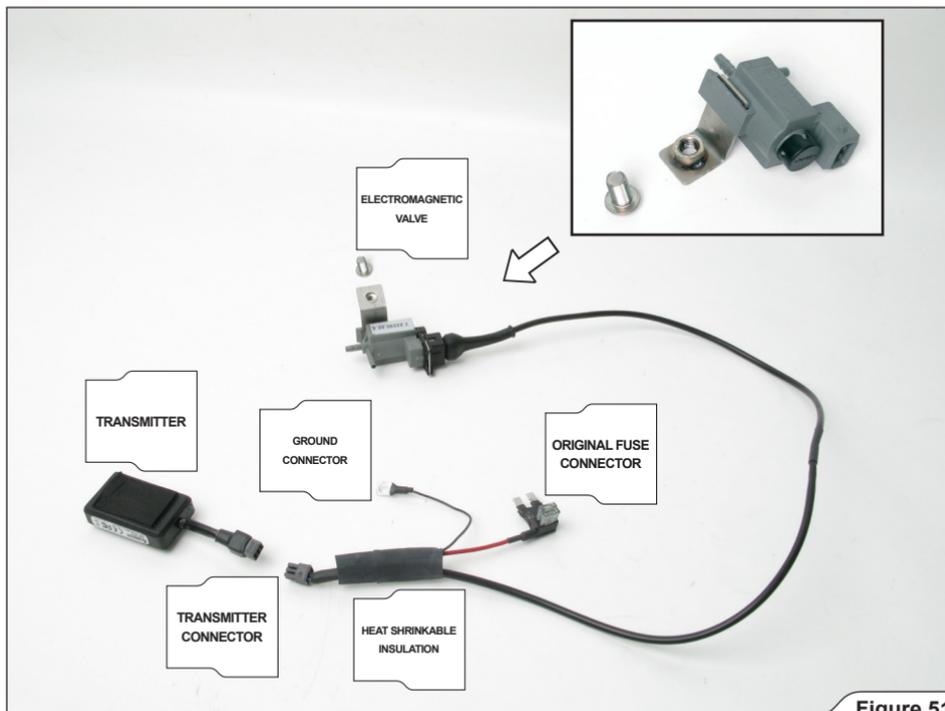


Figure 51

16. **For wireless kit installation on ROADSTER model only:** transmitter wiring harness: cut the red power wire's fuse connector off the harness and extend the red power wire using additional black wire and connector from Akrapovič installation kit (**Figure 52, 53**).

! **WARNING:** do not connect the fuse connector to the extending black wire yet (**Figure 53**)!



Figure 52



Figure 53

17. **For wireless kit installation:** attach the electromagnetic valve into the trunk, using M6x12 bolt from Arapovič installation kit (**Figure 54**).

! **WARNING:** make sure, not to injure yourself or damage any part of the vehicle during this procedure!

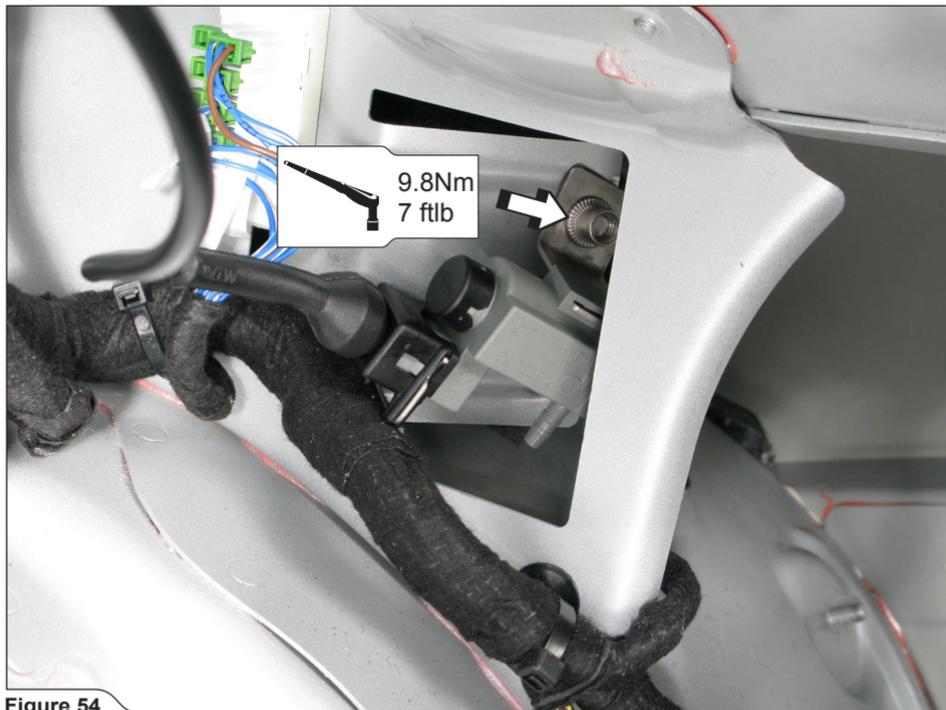


Figure 54

18. **For wireless kit installation on COUPE model only:** direct cables from electromagnetic valve to the power distribution box, connect wireless transmitter and protect the connection with heat shrinkable insulation, tighten the ground connector (black thin wire) with marked original nut and connect the transmitter's harness connector to the marked free fuse spot (**Figure 55, 56, 57**).

**! WARNING:** make sure not to damage the wiring harness or connectors during this procedure!

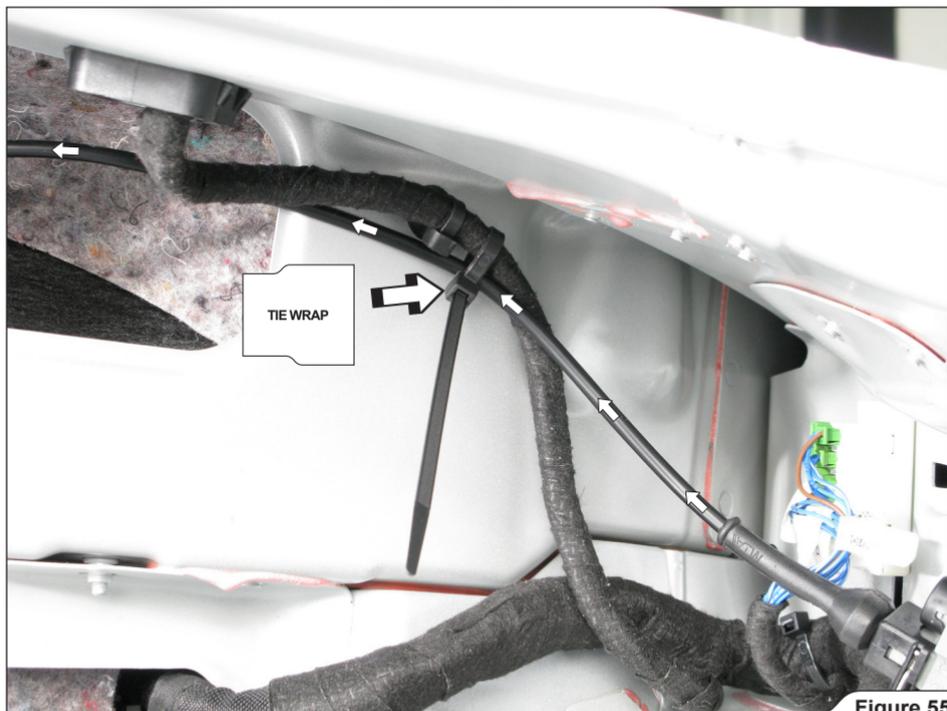


Figure 55

- ! **WARNING:** direct and secure (use additional plastic tie wraps) wires in such a way, that it doesn't touch any hot, moving or sharped parts of the vehicle!
- ! **WARNING:** make sure not to damage the wiring harness or connectors during this procedure!

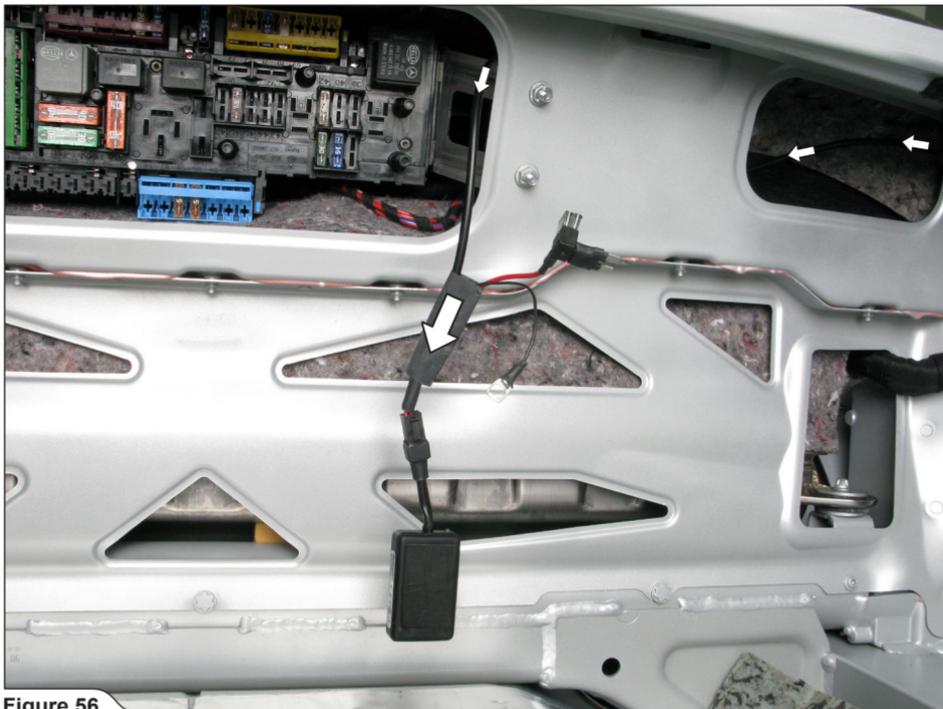


Figure 56

**! WARNING:** make sure not to damage the wiring harness or connectors during this procedure!

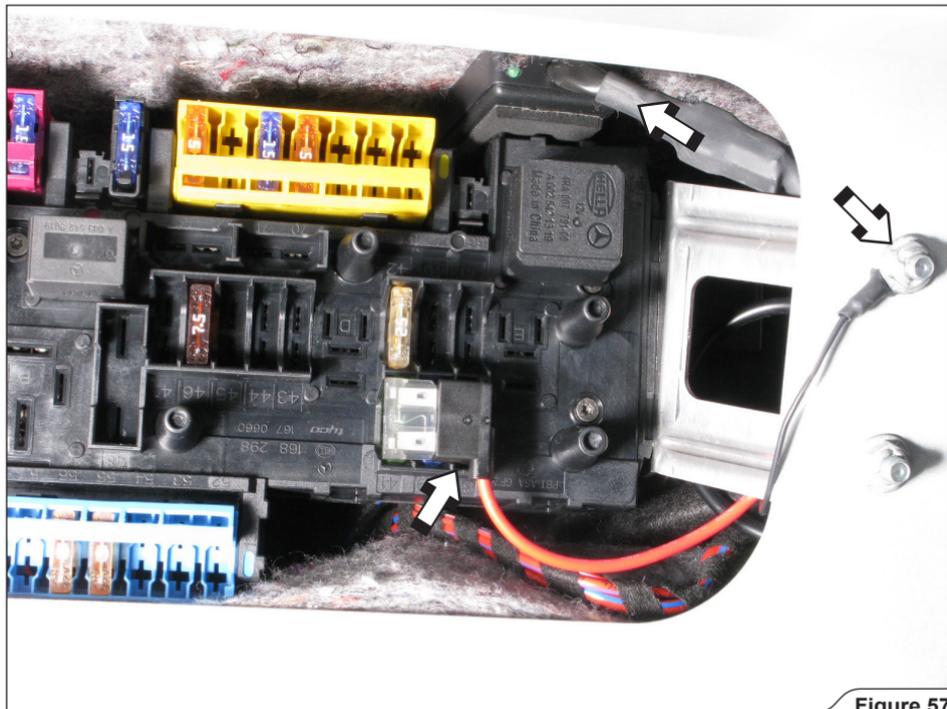


Figure 57

19. **For wireless kit installation on ROADSTER model only:** carefully direct black extending wire to the power distribution box located in the cabin, connect wireless transmitter and protect the cable and connection with heat shrinkable insulation, tighten the ground connector (black thin wire) with marked original nut and connect the transmitter's harness connector as shown (**Figure 58**).

**!** **WARNING:** direct and secure (use additional plastic tie wraps) the black extending wire in such a way, that it doesn't touch any sharp, hot or moving parts of the vehicle!

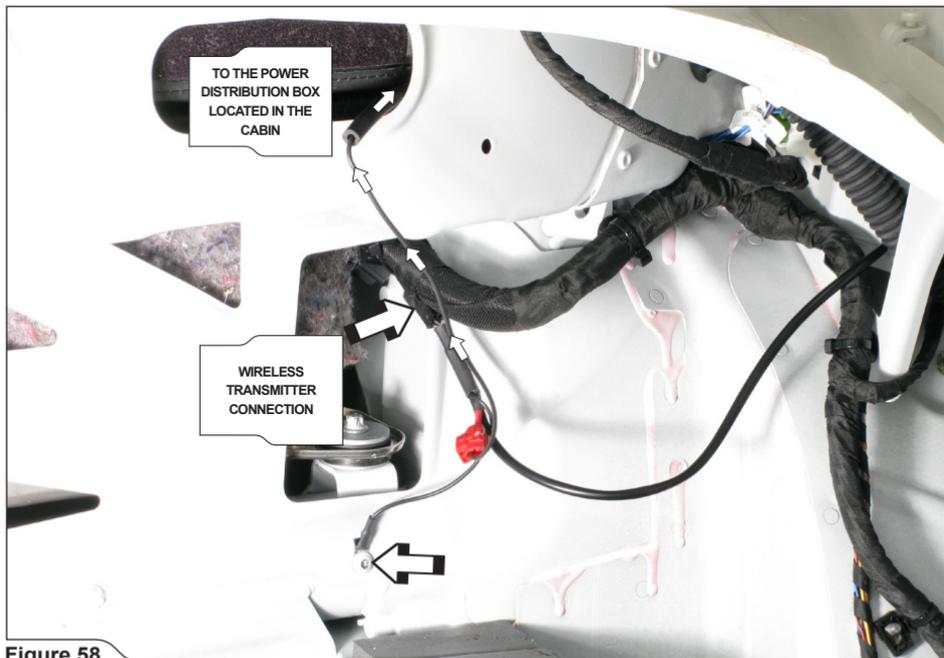


Figure 58

20. For wireless kit installation on ROADSTER model only: install and secure the transmitter as shown (Figure 59).

! **WARNING:** direct and secure (use additional plastic tie wraps) the wires and transmitter in such a way, that they doesn't touch any sharp, hot or moving parts of the vehicle!



Figure 59

21. For wireless kit installation on ROADSTER model only: carefully open marked distribution box cover (Figure 60).

! **WARNING:** make sure not to damage the any part of the vehicle during this procedure!



Figure 60

22. **For wireless kit installation on ROADSTER model only:** connect black power cable to the fuse connector and plug it into the marked free fuse spot (**Figure 61**).

! **WARNING:** direct and secure (use additional plastic tie wraps) wires in such a way, that it doesn't touch any hot, moving or sharpened parts of the vehicle!



Figure 61

23. **For wireless kit installation:** correctly link the vacuum hoses to the electromagnetic valve, as shown (Figure 62).

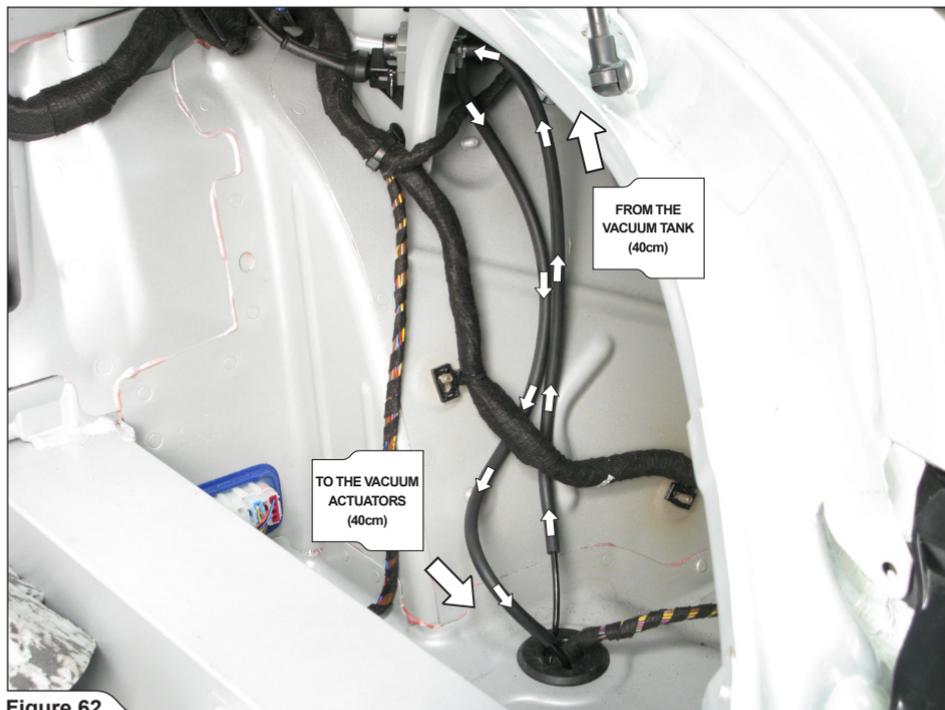


Figure 62

**!** CAUTION: secure all vacuum tubing connections, using clamps from Akrapovič installation kit! Install the clamps with corresponding tube clamp pliers (Figure 63).



Figure 63

24. **Akrapovič Tail-Pipes installation:** unscrew marked bolts and carefully remove stock tail-pipes from both sides of the rear bumper (**Figure 64**).

! **WARNING:** make sure, not to injure yourself or damage any part of the vehicle during this procedure!



Figure 64

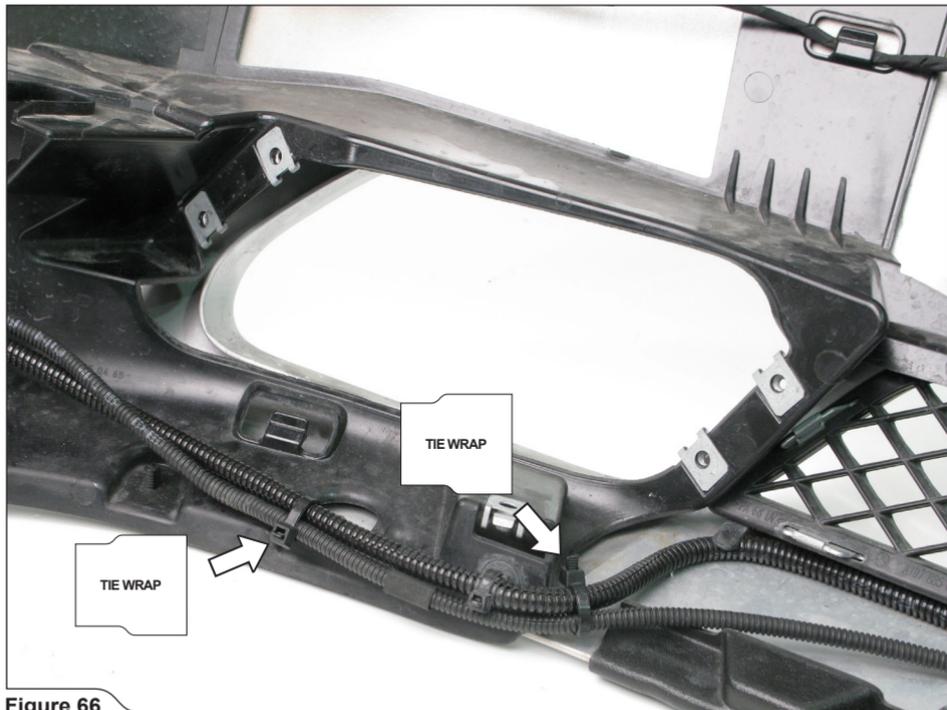
25. **Akrapovič Tail-Pipes installation:** unpin the marked cable tube on the right side of the rear bumper and merge it with other cable tube using tie wraps as shown (**Figure 65, 66**).

! **WARNING:** make sure, not to injure yourself or damage any part of the vehicle during this procedure!



Figure 65

**!** **WARNING:** make sure, not to damage the rear bumper or any other part of the vehicle during this procedure!



**Figure 66**

26. **Akrapovič Tail-Pipes installation:** install and tighten Akrapovič tail-pipes on both sides of the rear bumper using stock bolts with specified torque (**Figure 67, 68**).

! **WARNING:** make sure, not to injure yourself or damage any part of the vehicle during this procedure!



Figure 67



Figure 68

### **Final installation:**

27. Replace all dismantled original parts (engine cover, underbody shields, chassis reinforcement, wheel arch panels, rear wheels, trunk trim panel, luggage compartment panel, bumper, tail lights...) in the reverse order from the order in which they were removed. Check vehicle manufacturer manual for tightening torques.

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

## Final installation:

- ! **WARNING: check vehicle manufacturer manual for tightening torques (for dismantled stock parts)!**
- ! **WARNING: make sure all the nuts and bolts are sufficiently tightened. In case the exhaust system touches the cowling or other parts, repeat the adjustment of the exhaust system or contact your authorized dealer.**

## **MAINTENANCE OF THE AKRAPOVIČ EXHAUST SYSTEM:**

1. Clean the titanium exhaust components with a multi-purpose spray lubricant (WD-40 or equivalent), carbon fiber exhaust components with soft and dry cloth and stainless steel components with soft cloth sprayed with contact cleaner, then wipe with soft and dry cloth. A change in the color of the exhaust system is normal due to high temperatures.
2. Periodically make sure all the bolts and springs are sufficiently tight.

! **WARNING: clean all exhaust components before the first start of the engine or the stains will burn onto the surfaces!**

! **IT IS NORMAL FOR WHITE SMOKE TO COME OUT OF THE MUFFLER AT FIRST OPERATION.**

! **DO NOT STAND BEHIND THE MUFFLER AT FIRST OPERATION.**

! **DO NOT USE AUTOMOTIVE WHEEL CLEANERS OR ANY CLEANING PRODUCTS WHICH CONTAIN ACIDIC ADDITIVES TO CLEAN THE AKRAPOVIČ EXHAUST SYSTEMS.**

## **WARNING**

Please note that certain aftermarket exhaust systems may not comply with applicable California laws and regulations, and may therefore be prohibited for use on California highways or roads, or on roads or vehicles otherwise subject to emissions control requirements.

Akrapovič exhaust systems for automobiles and motorcycles mounted downstream of the catalytic converter (also known as “cat-back systems”) are considered “replacement parts” in California by the California Air Resources Board (CARB), and do not require an exemption or executive order from CARB to be sold in California. However, California prohibits the use of any aftermarket exhaust system that modifies, removes or replaces original equipment catalysts, unless CARB has issued an Executive Order as to such part or system.

Further, Akrapovič parts or exhaust systems used or intended for use on “racing vehicles” (i.e. a competition vehicle used exclusively for competition on closed-course circuits) do not require an exemption or Executive Order from CARB to be sold in California. However, such parts are prohibited from use on California public highways or roads, even if occasionally used “off-road.”



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