



## Installation instructions

Akrapovič Exhaust System:

**Slip-On**

for the

**Laborghini Huracan LP 610-4 Coupe**

**Laborghini Huracan LP 610-4 Spyder**





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**Lamborghini Huracan LP 610-4 Spyder**

**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**

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### **Akrapovič website**

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

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

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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.**



192TX wrench  
XZN10L wrench  
Torx 25 wrench  
Torx 27 wrench  
Torx 30 wrench  
T-handle 10 mm wrench  
Bi-hex 16 socket  
Small flat screwdriver



**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 LAMBORGHINI HURACAN LP 610-4 COUPE. THERE MAY BE SOME DIFFERENCES IN INSTALLATION PROCEDURES FOR OTHER MODELS.**



**WHEN INSTALLING AKRAPOVIČ'S AFTERMARKET OPTIONAL DOWN PIPES WITHOUT CATALYTIC CONVERTERS, WHICH ARE DEVELOPED FOR USE ON CLOSED TRACKS ONLY, REMAPPING OF THE ECU IS MANDATORY. THE AKRAPOVIČ COMPANY TAKES NO RESPONSIBILITY FOR ECU REMAPPING OR ANY POTENTIAL ISSUES RELATED TO THE USE OF AKRAPOVIČ DOWN PIPES.**



**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 and rear sections of wheel arch panels on both sides of the vehicle (**Figure 1, 2, 3**).



**Figure 1**

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

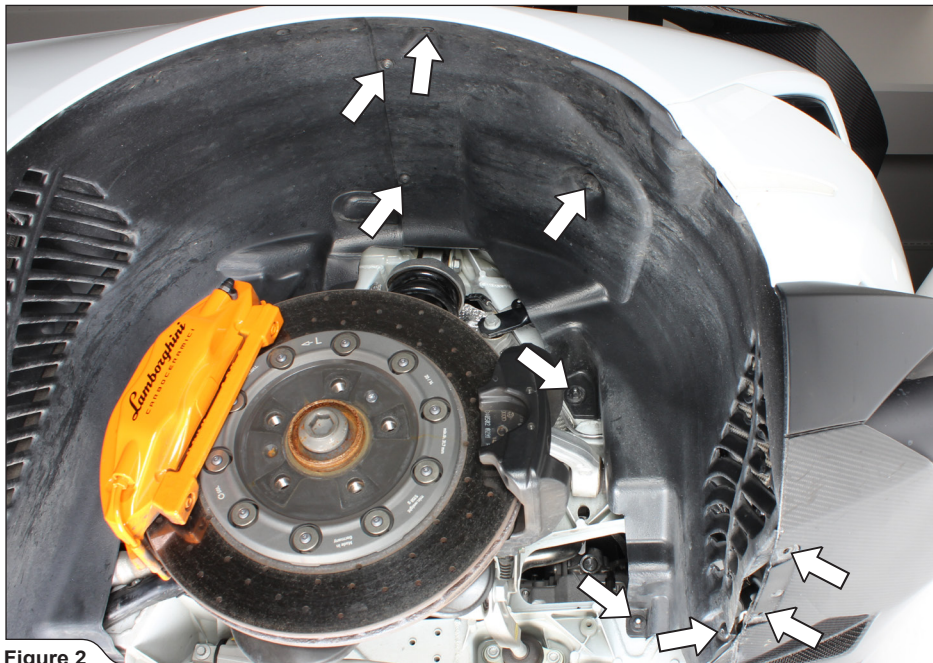


Figure 2

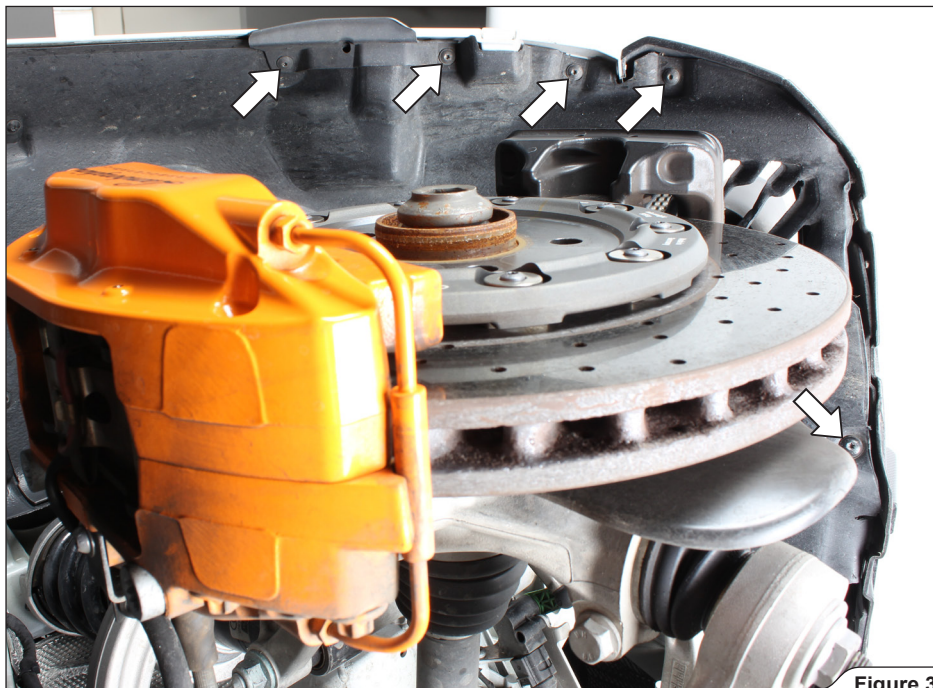
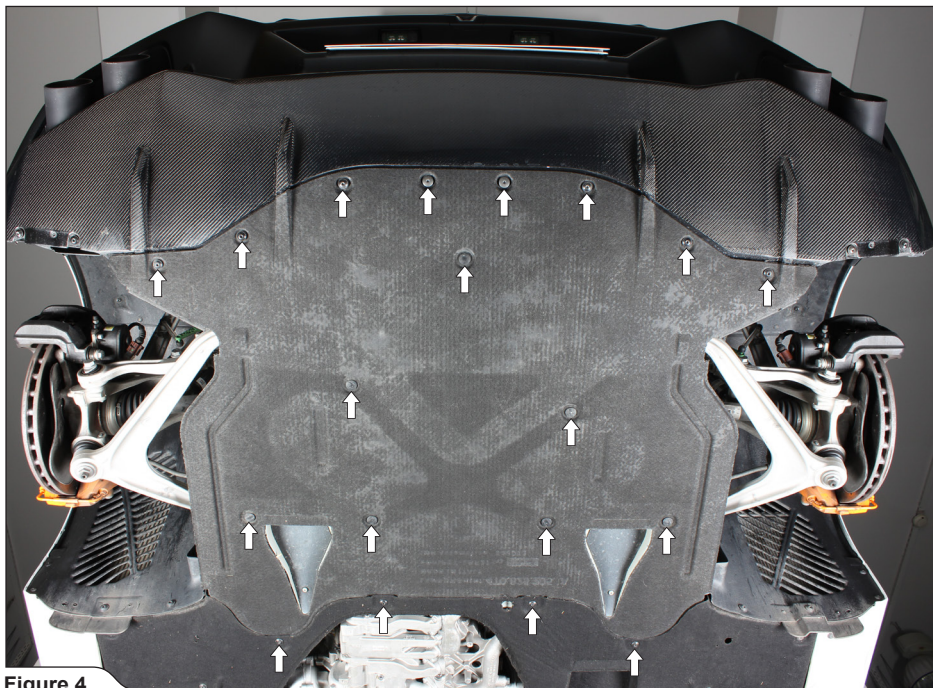


Figure 3



2. Unscrew the marked bolts, undo the plastic fasteners and remove the under engine panel off the vehicle (**Figure 4**).

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



**Figure 4**

3. Unscrew the marked bolts on both sides of the bumper (Figure 5).

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



Figure 5



4. Unscrew all grille bolts and carefully remove the grille off the vehicle (**Figure 6**).
- ! **CAUTION:** make sure, not to injure yourself or damage any part of the vehicle during this process!



Figure 6

5. Unscrew the marked bumper's bolts (Figure 7).

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



Figure 7

6. Disconnect the marked electrical connectors and carefully remove the bumper off the vehicle (Figure 8, 9).

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

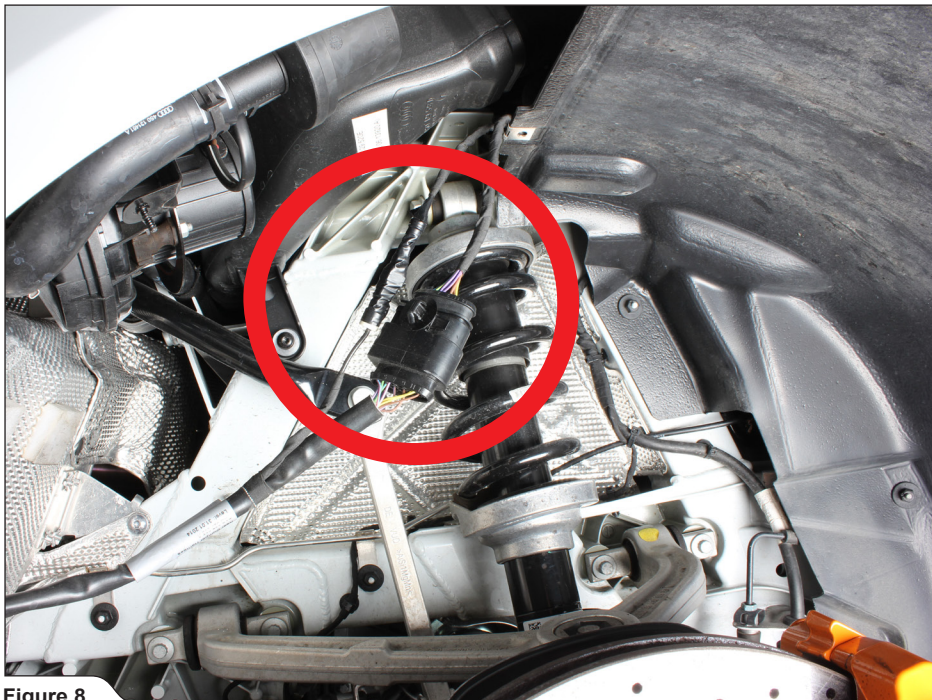


Figure 8

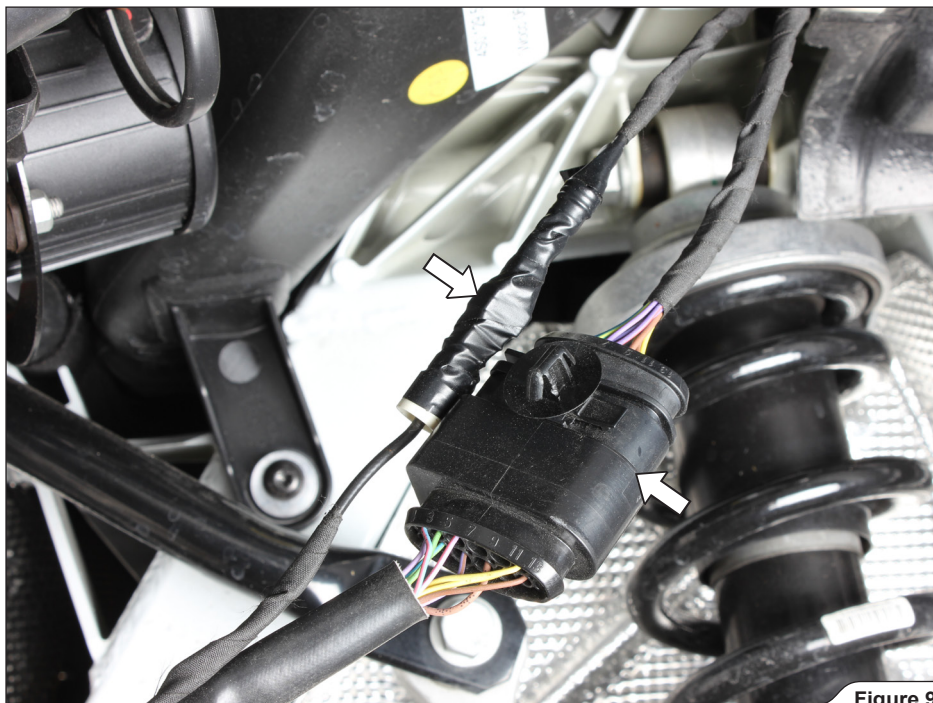


Figure 9



7. Unscrew the marked bolts on both sides of the vehicle and carefully remove the tail lights' heat shields (Figure 10).

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



Figure 10

8. Undo the marked fasteners and remove the engine compartment panels (Figure 11).

**!** **WARNING:** the engine hood's lifting cylinders should be dismantled during removal of the engine panels; make sure, that you support and secure the engine hood during this process!

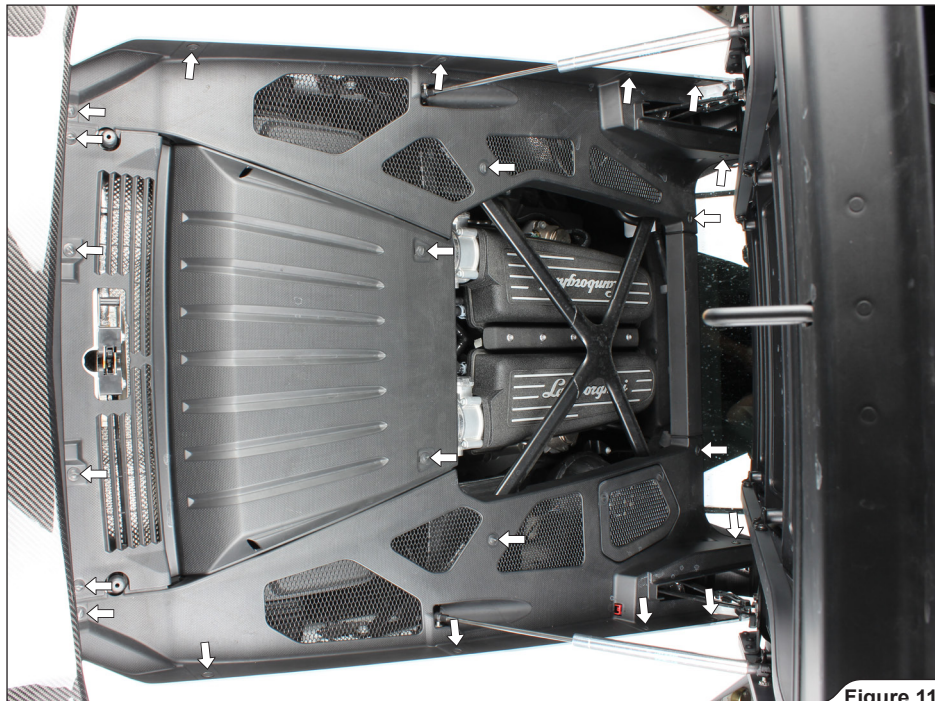
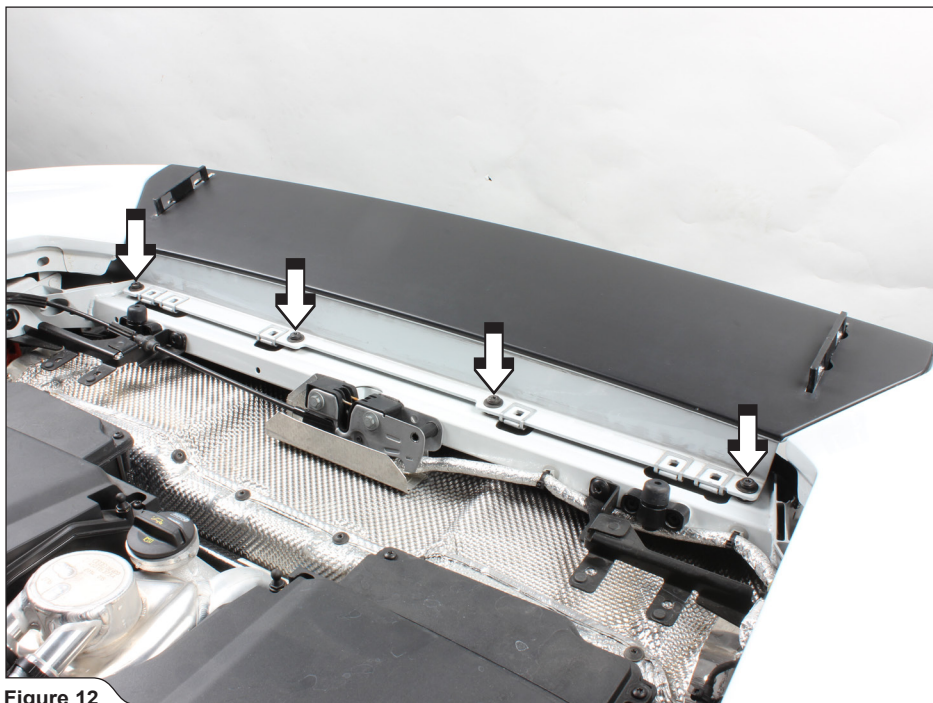


Figure 11

9. Unscrew the marked bolts, disconnect the marked connectors and remove the tail trim off the vehicle (**Figure 12, 13, 14**).

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



**Figure 12**



Figure 13



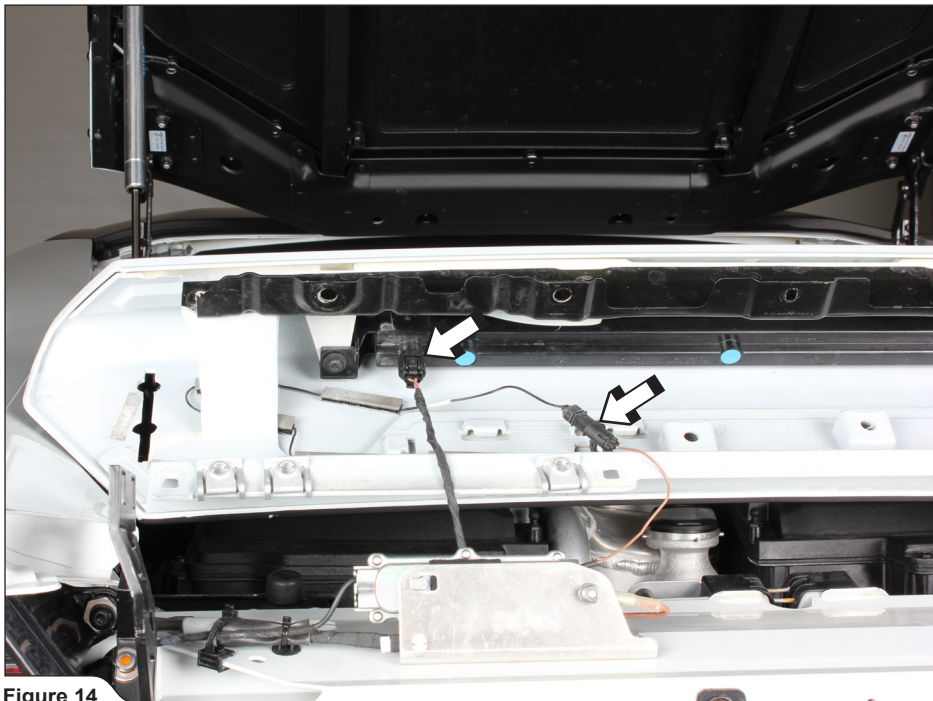


Figure 14

10. Unscrew the marked bolts on both sides of the vehicle, disconnect the tail lights' electrical connectors, and remove the tail lights off the vehicle (**Figure 15, 16**).

**!** **CAUTION:** make sure, not to damage the connectors, tail lights or any other part of the vehicle during this procedure!

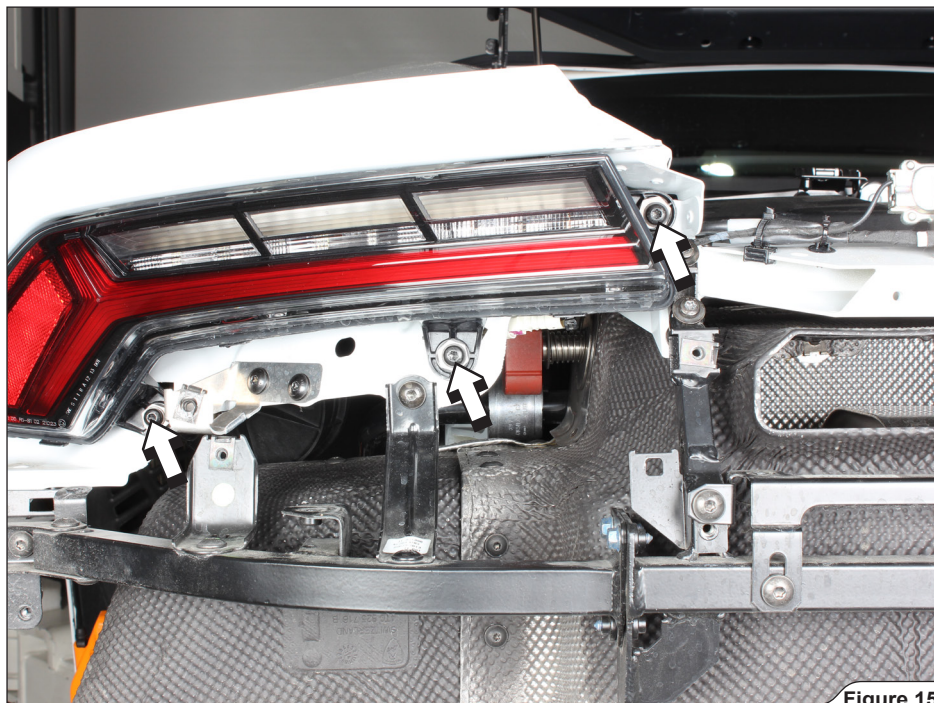


Figure 15



Figure 16

11. Unscrew the marked bolts and remove the bumper's bracket (**Figure 17**).

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

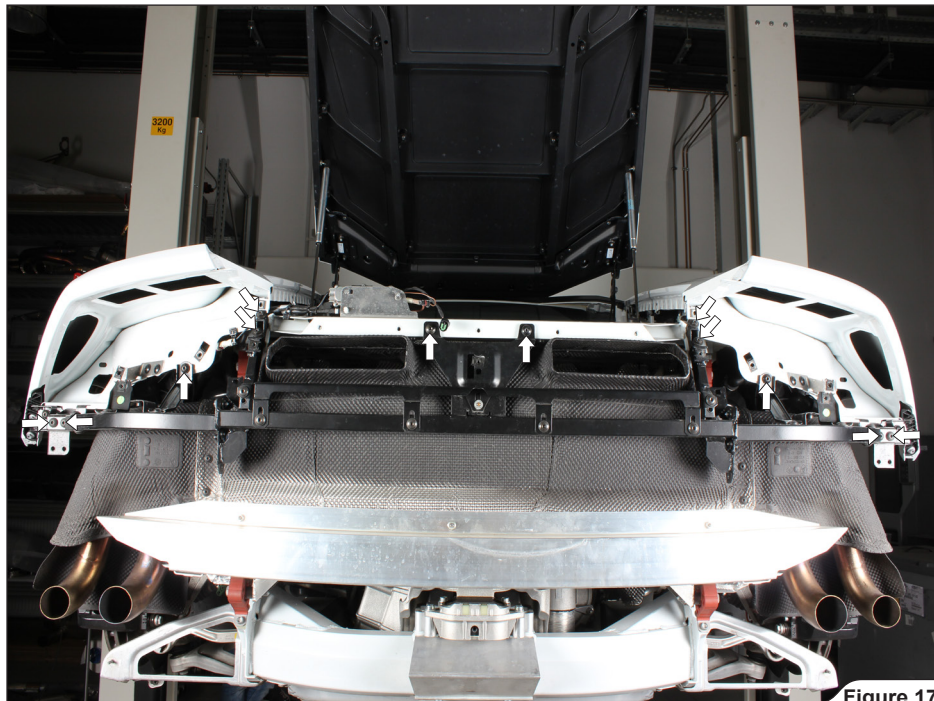


Figure 17



12. Unscrew the marked nuts and bolts and carefully remove the impact absorber (Figure 18).

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

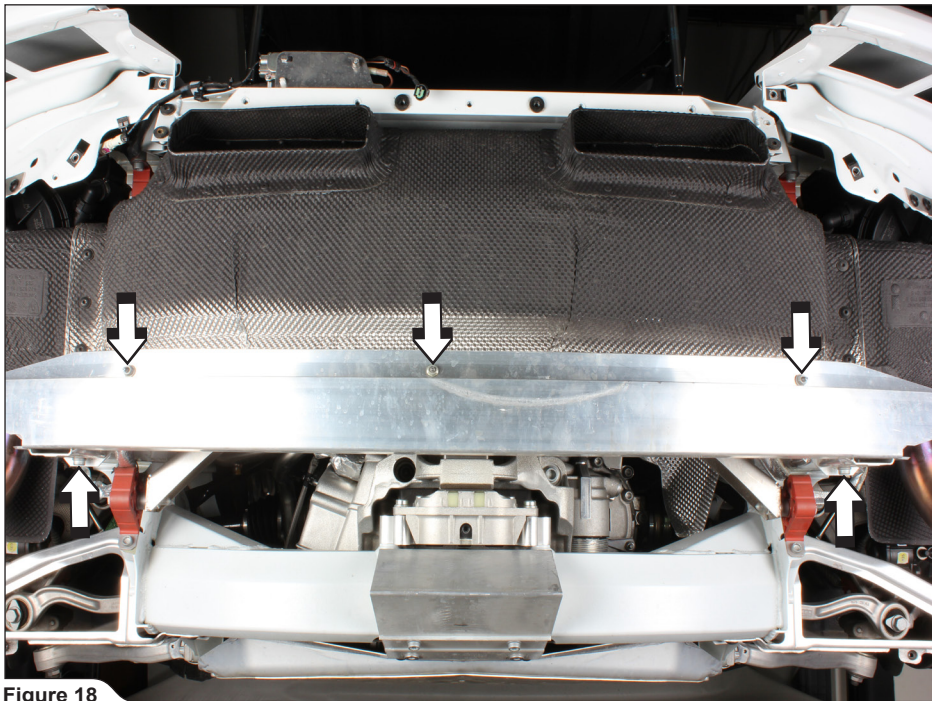


Figure 18

13. Unscrew the marked tape clamps, disconnect the air mass meter connectors on both sides of the vehicle and carefully remove the intake rubber tubes off the air boxes (**Figure 19**).

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



Figure 19

14. Unscrew the marked bolts on both sides and carefully remove the air boxes out of the engine compartment (Figure 20, 21).

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



Figure 20

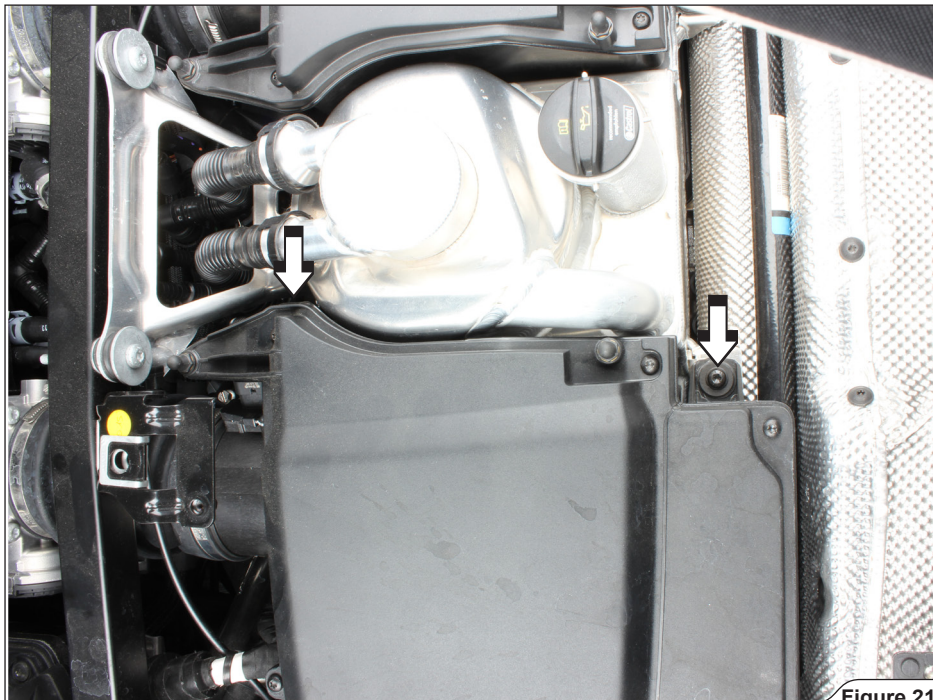
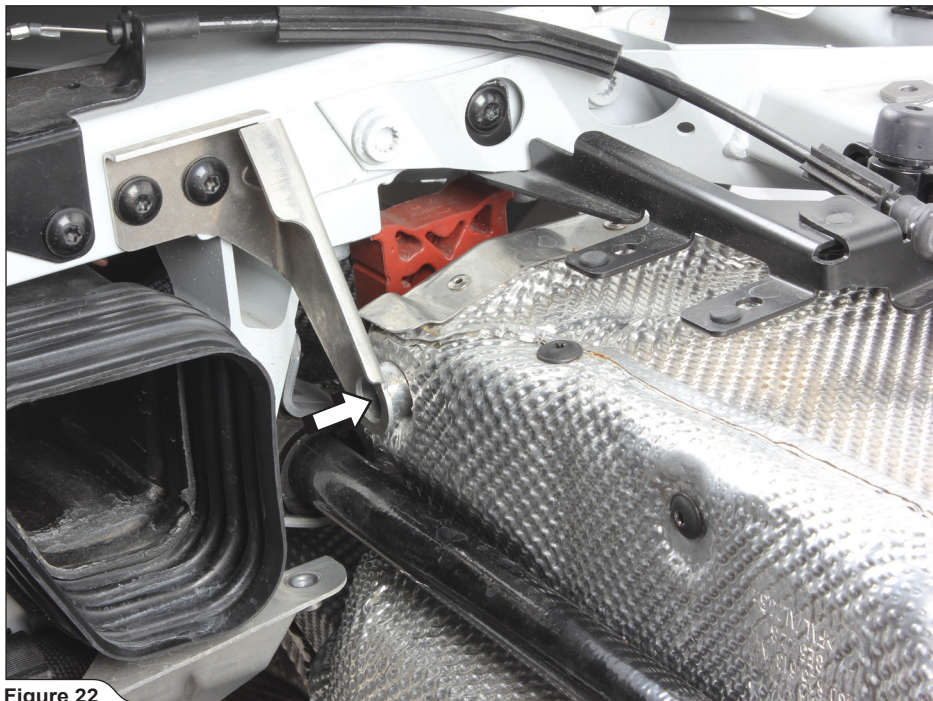


Figure 21



15. Unscrew the marked heat shield's bolts on both sides of the vehicle (**Figure 22, 23**).

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



**Figure 22**

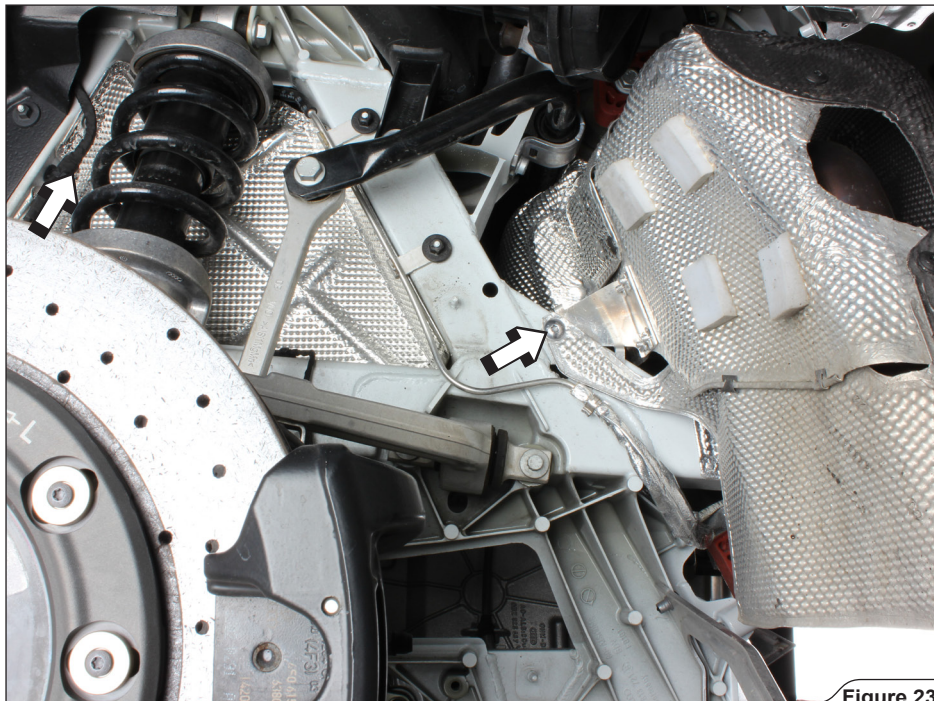


Figure 23

16. Unscrew and remove the marked clamps at down pipes - muffler intakes connections (**Figure 24**).

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



**Figure 24**

17. Carefully remove the vacuum tubes off both exhaust valves' actuators (**Figure 25**).

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

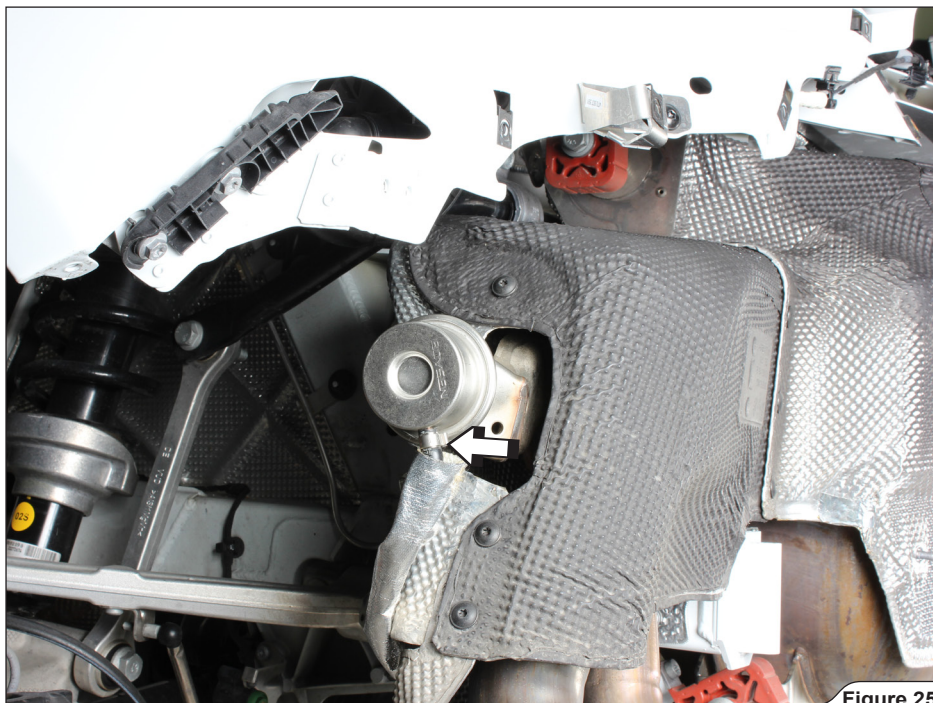


Figure 25



18. Unscrew the marked bolts on both sides of the muffler and carefully remove the muffler off the vehicle (**Figure 26**).

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

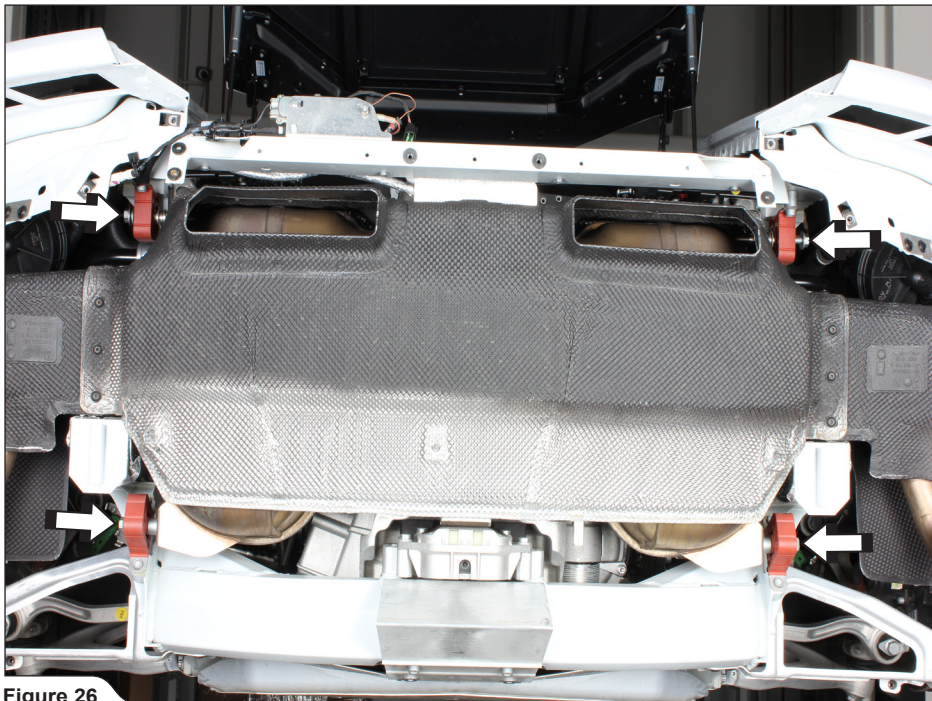


Figure 26

19. Undo the marked spring clip on both sides of the muffler and unscrew the marked bolts (Figure 27).

**!** CAUTION: make sure, not to damage the heat shields or any other part of the muffler during this process!

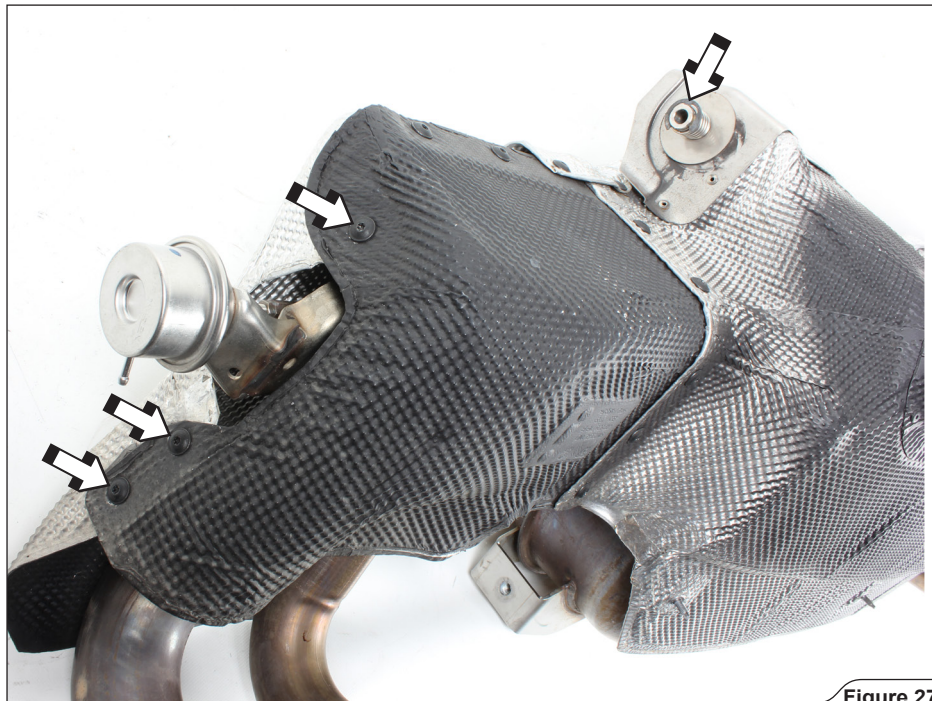


Figure 27

20. Unscrew the marked bolts and carefully remove the muffler's heat shield off the muffler (Figure 28).

**!** CAUTION: make sure, not to damage the heat shields or any other part of the muffler during this process!



Figure 28

21. Unscrew and remove both tail pipes out of the bumper (Figure 29, 30).

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



Figure 29



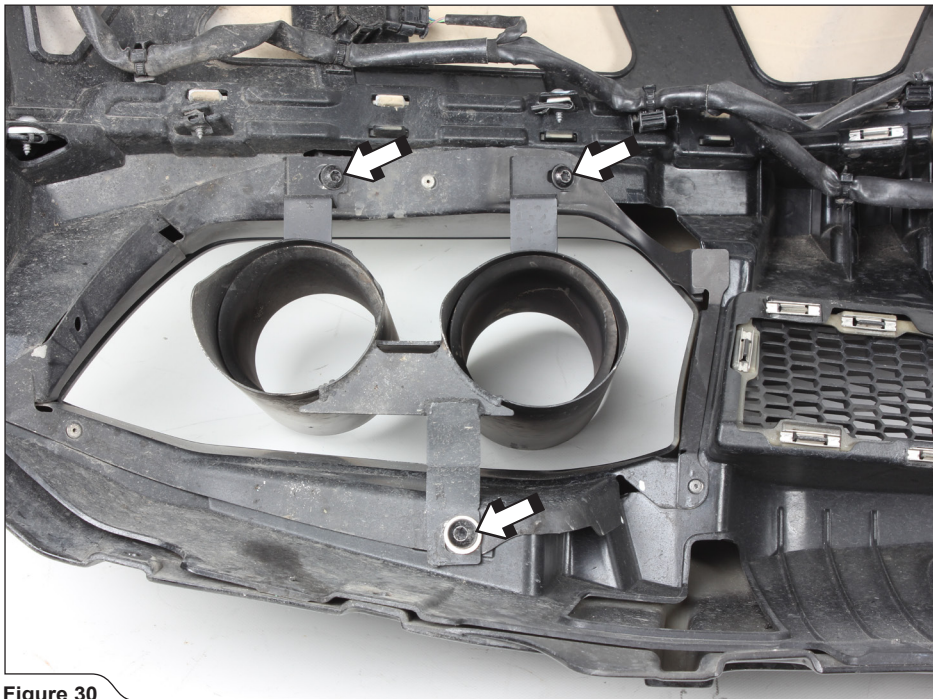


Figure 30

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

1. Assemble the heat protection, tape clamps and rubber vacuum tubes from Akrapovič installation kit, as shown (**Figure 31**).

**!** CAUTION: do not tighten the clamps yet!



**Figure 31**

2. Mount the stock muffler's heat shield onto the Akrapovič muffler, using stock washers, springs, spring clips and bolts (Figure 32, 33, 34).

! **CAUTION:** make sure, not to damage the heat shields or any other part of the muffler during this process!

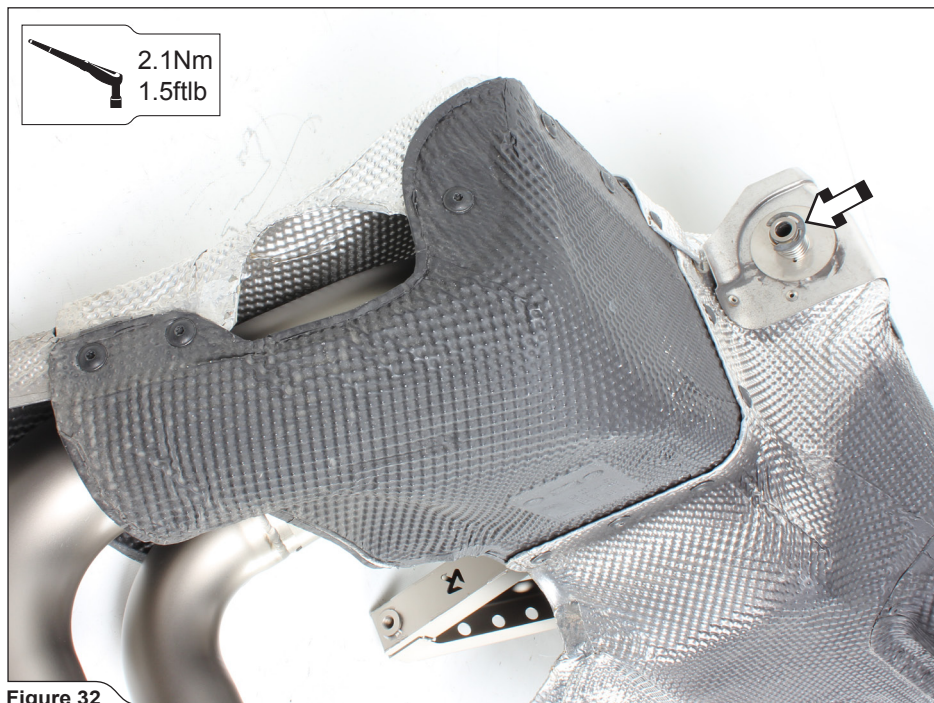


Figure 32



2.1Nm  
1.5ftlb



**Figure 33**



2.1Nm  
1.5ftlb

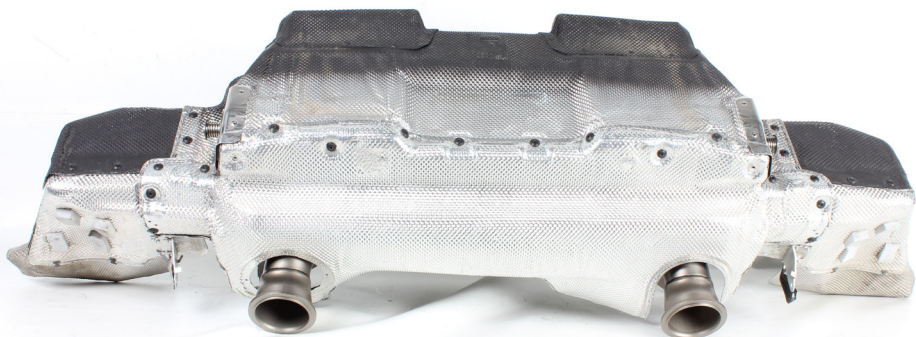


Figure 34



- Carefully attach the assembled muffler onto the chassis, using stock bolts, washers and distance bushes; tighten the bolts on both sides to a specified torque (**Figure 35, 36**).

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

! **CAUTION:** adjust the stock muffler's rubber brackets if needed!

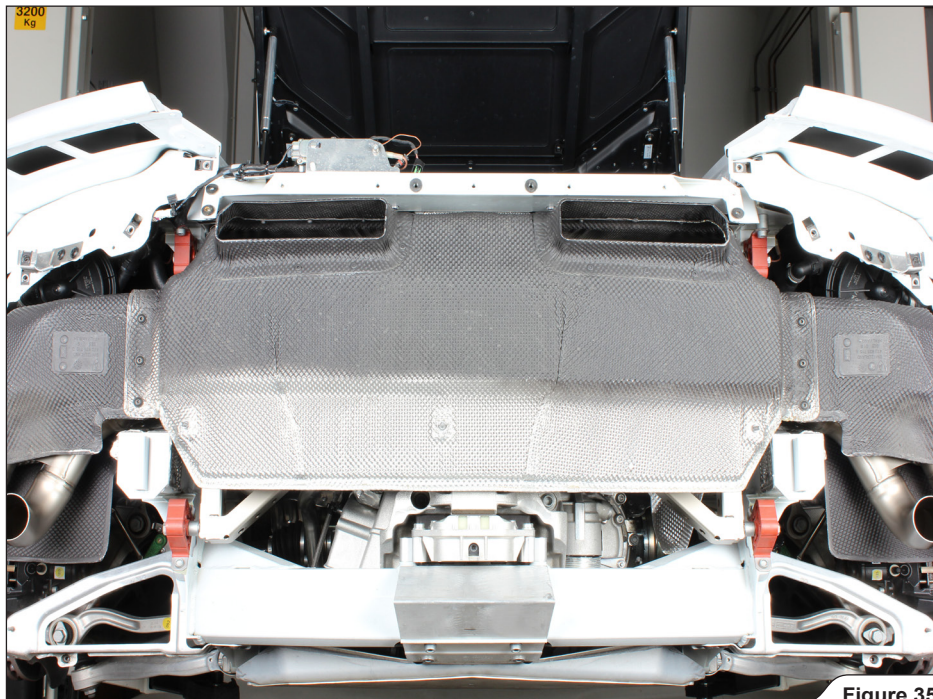


Figure 35

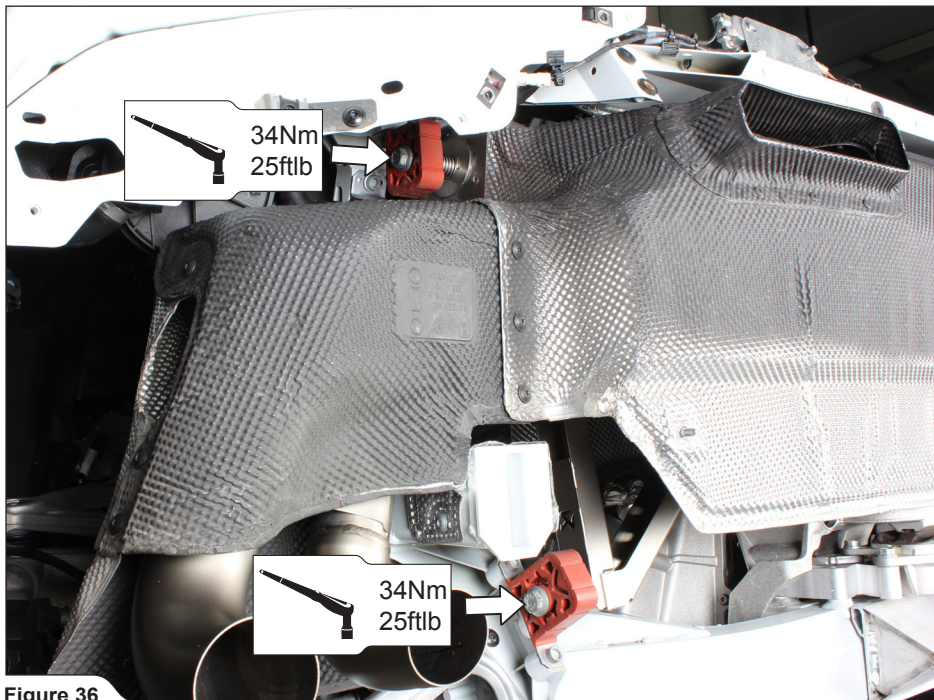
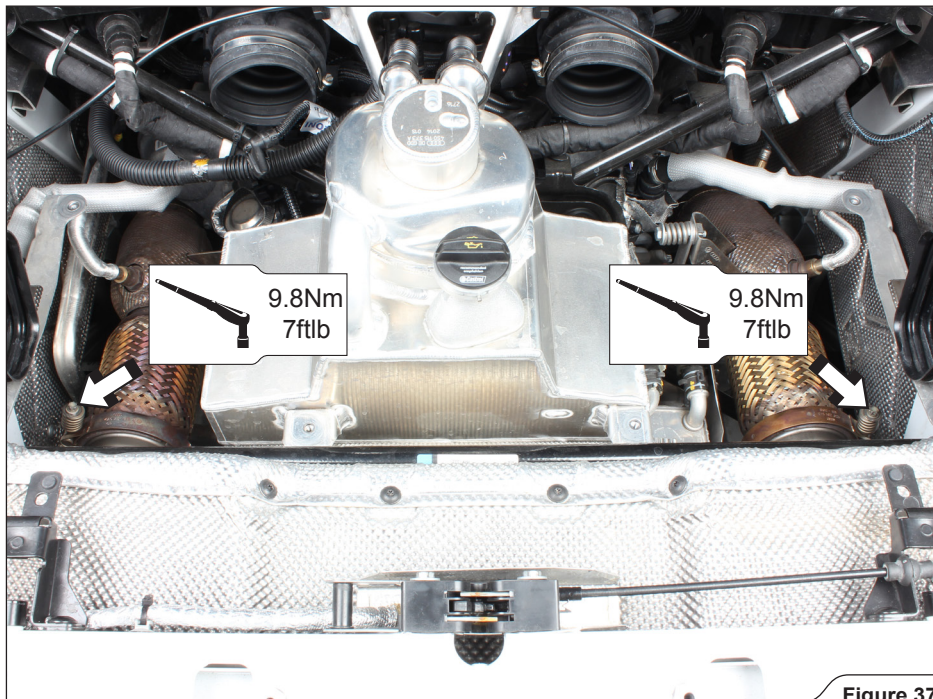


Figure 36

4. Tighten the stock muffler's connection clamps on both sides of the engine to the specified torque (**Figure 37**).

**!** **CAUTION:** make sure, that muffler's inlet flanges are correctly assembled with the stock down pipe's flanges, before tightening the connection clamps!



**Figure 37**

5. Replace the stock vacuum tubes with Akrapovič vacuum tubes, as shown (Figure 38, 39).
- ! CAUTION: direct the vacuum tubes in such a way, that they don't touch any hot or moving parts!
- ! CAUTION: make sure, that vacuum tubes are not bent or obstruct in any way!

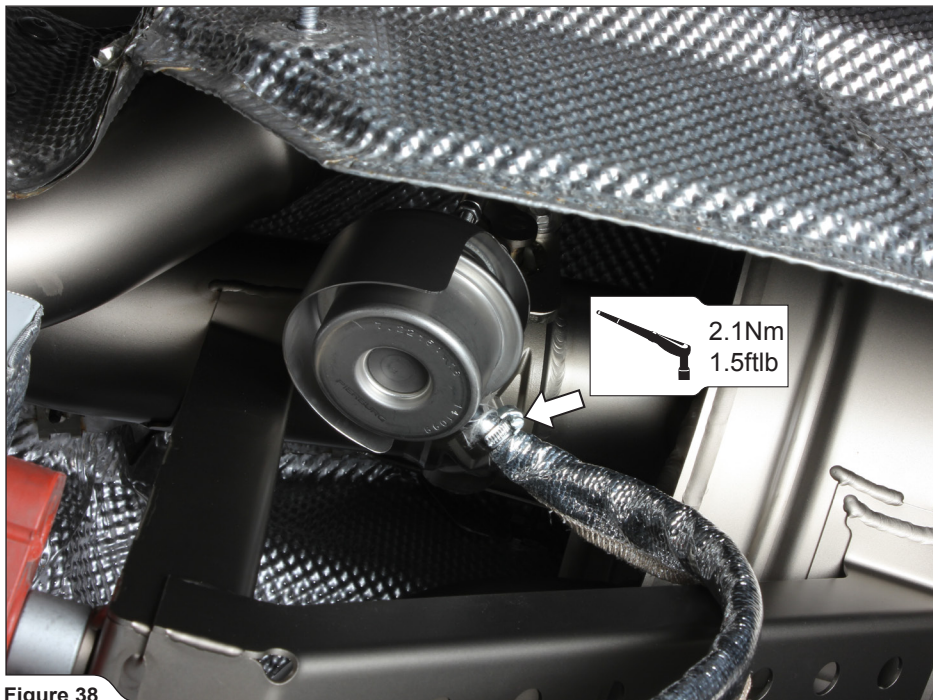


Figure 38



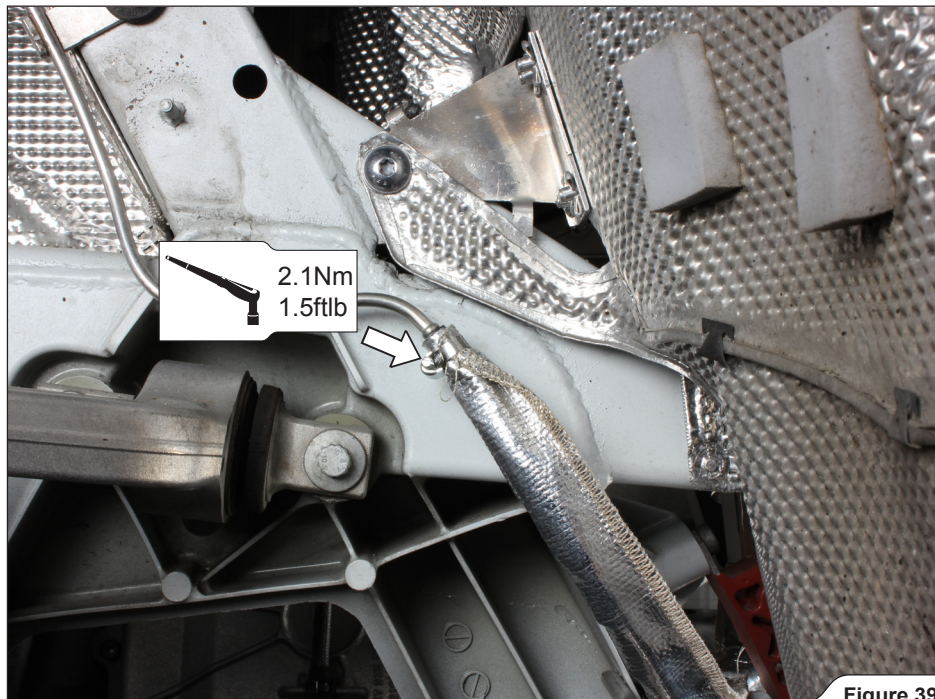


Figure 39



6. Attach the Akrapovič Tail Pipes onto the bumper, using stock bolts and additional washers from Akrapovič installation kit; center the Tail Pipes in respect to the bumper's cut outs, before tightening of the bolts (**Figure 40, 41**).

**! CAUTION: make sure, not to damage the bumper or Tail Pipes during this process!**



**Figure 40**



Figure 41

7. Replace all dismantled stock parts (bumper, tail lights, wheel arches, wheels...) in the reverse order from the order in which they were removed. Check vehicle manufacturer manual for tightening torques (**Figure 42**).

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

! **CAUTION:** make sure, that you connect all disconnected electrical connectors!



Figure 42

## 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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