



## Installation instructions

Akrapovič Exhaust Systems:  
**Slip-On** and **optional Link-Pipe**  
for the  
**AUDI S5**





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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**

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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/>**

### **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.**



Combination 13mm wrench  
Combination 15mm wrench  
T-handle swiveling 13mm wrench  
T-handle 10mm wrench  
Torx 25  
Screwdrivers (slotted and cross head)  
Angle grinder or equivalent



**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 AUDI S5. 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:** make sure, that car lifting is safely and correctly done or you risk vehicle damage, injury or even death!

1. **For Slip-On only:** mark both stock muffler pipes **250mm** from the edge of the muffler, as shown in figures (Figure 1, 2). Cut pipes with angle grinder or equivalent.

! **WARNING:** make sure, that you don't injure yourself or damage any part of the vehicle during cutting process! Use personal protection equipment!

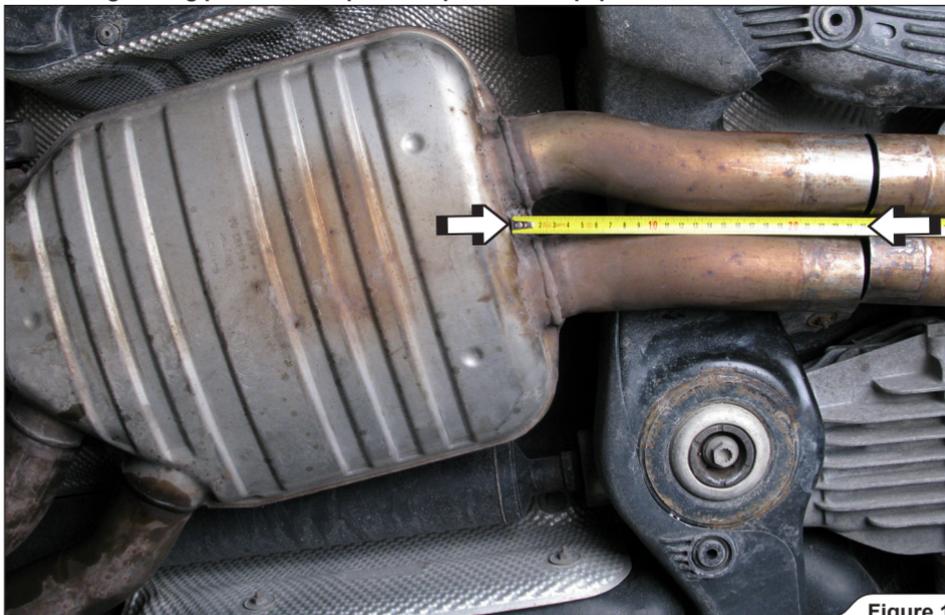


Figure 1



Figure 2

2. For optional Link-Pipe only: untighten the marked nuts of the stock clamps (Figure 3).

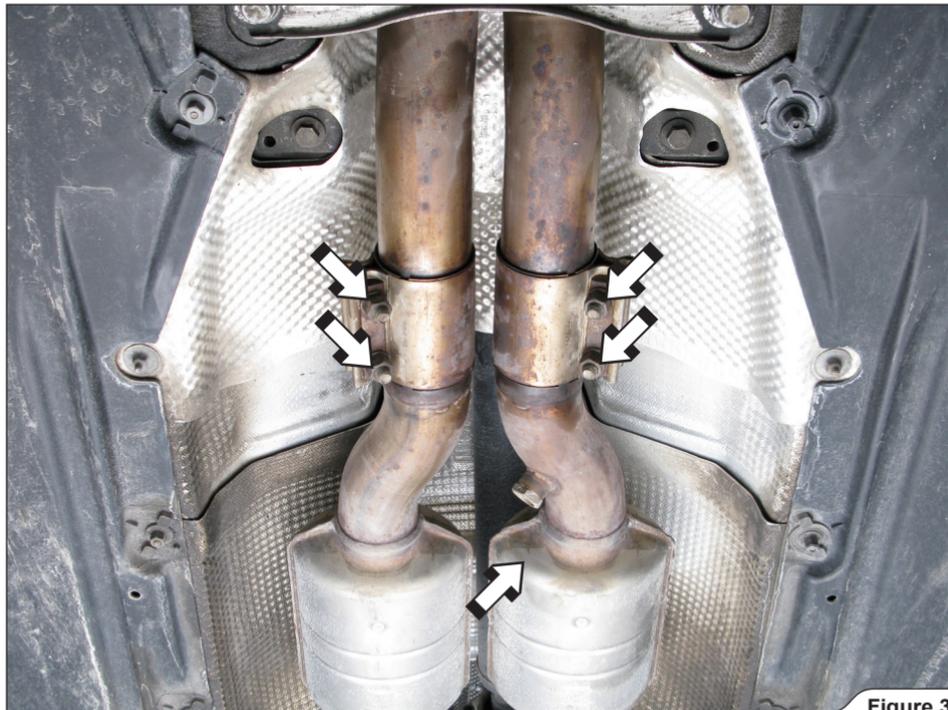


Figure 3

3. **For optional Link-Pipe only:** unscrew the four marked bolts, remove the chassis linkage and unhook the marked rubber brackets (**Figure 4**).

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

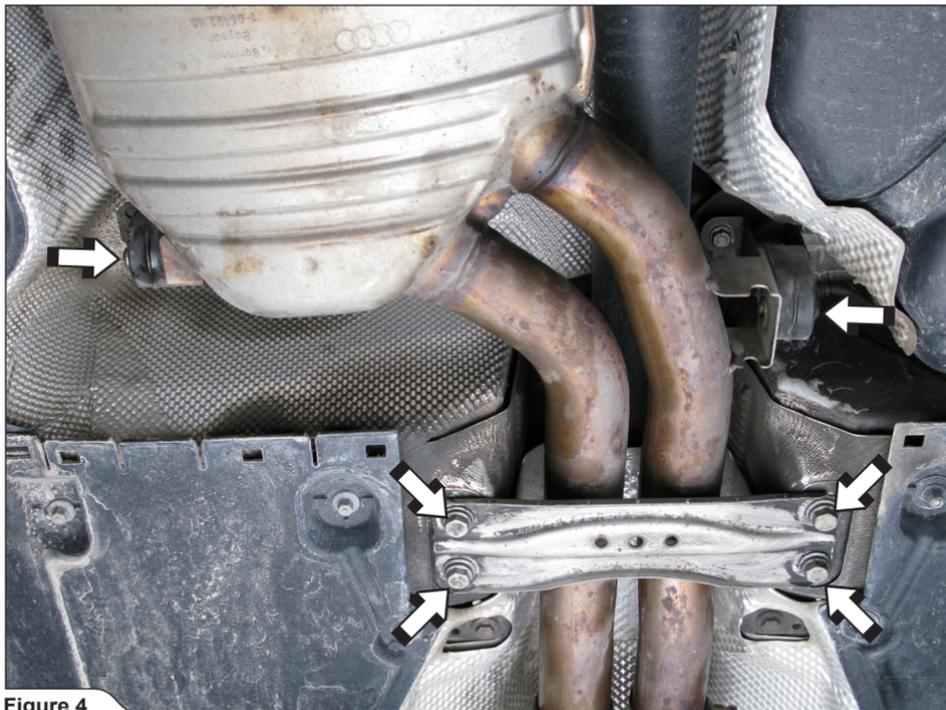
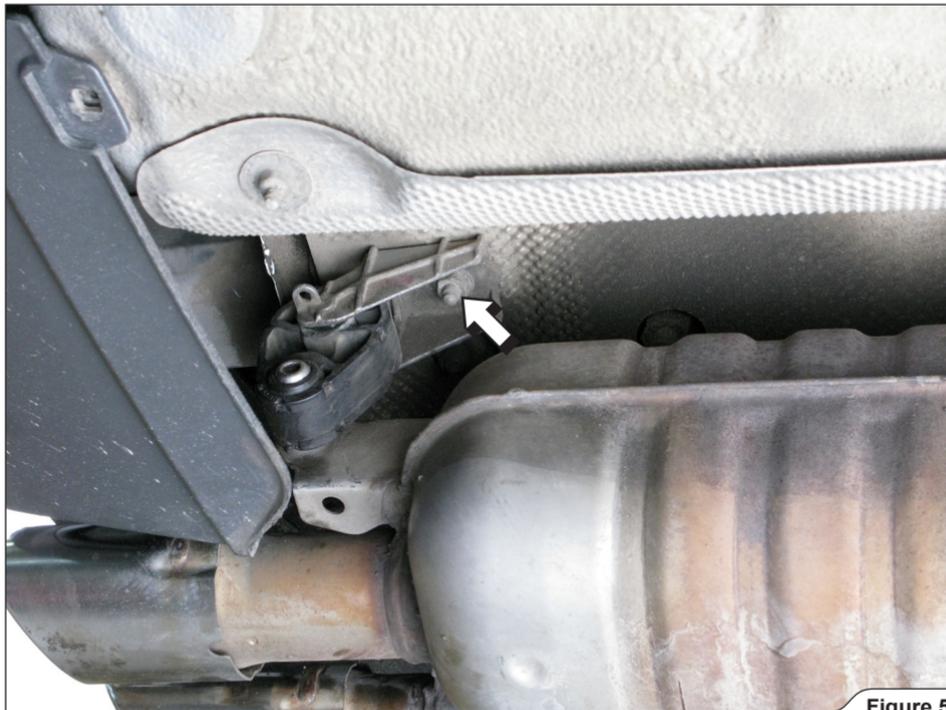


Figure 4

4. **For Slip-On and optional Link-Pipe:** unscrew the marked nuts on both sides of the vehicle and remove the stock exhaust off the vehicle (**Figure 5**).

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



**Figure 5**

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

1. **For optional wireless exhaust valve kit only:** unscrew the inner muffler outlet brackets and clamps on both mufflers. Brake off the outlet seals (**Figure 6, 7**).



**Figure 6**

- ✂ **INSTALLATION TIP:** grind or saw the spot welds of the outlet seals before braiking them off the outlets.



Figure 7

2. **For optional wireless exhaust valve kit only:** assemble the clamps onto exhaust valves as shown (Figure 8).

**!** **WARNING:** use anti-seize copper paste on clamp bolt threads!



Figure 8

3. **For optional wireless exhaust valve kit only:** check, if the valves are fully opened. If not, adjust the vacuum actuators (**Figure 9**).

**!** **WARNING:** use anti-seize copper paste vacuum actuator ball joints!



**Figure 9**

4. **For optional wireless exhaust valve kit only:** assemble the valves onto both mufflers and tighten the brackets and clamps to a specified torque (**Figure 10**).

! **WARNING:** use anti-seize copper paste on bolt threads!

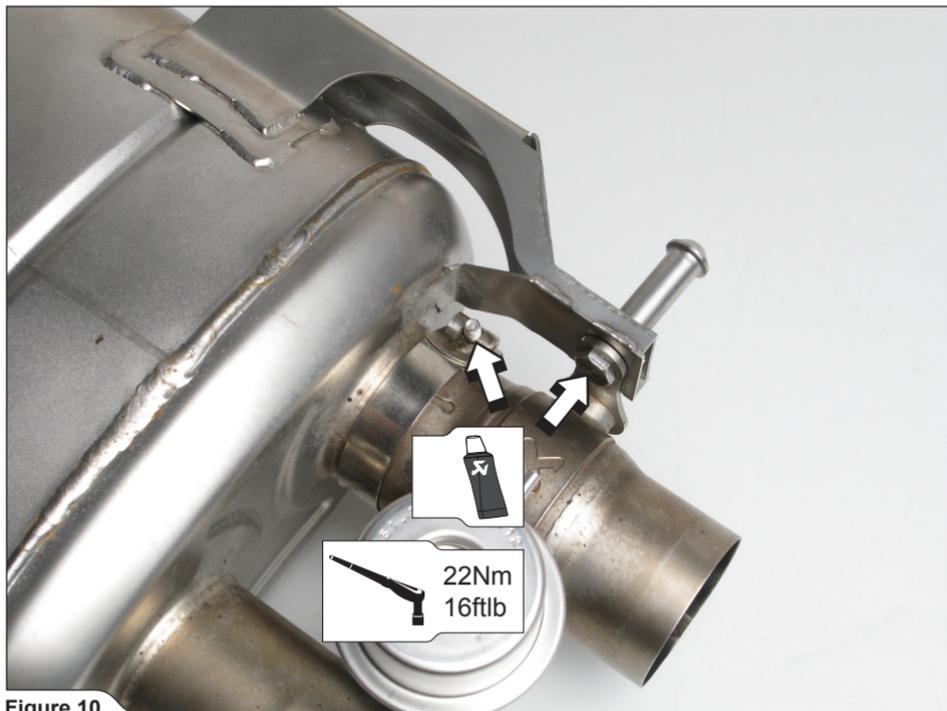


Figure 10

5. **For Slip-On and optional Link-Pipe:** slide the stock rubber brackets onto the Akrapovič mufflers, as shown (Figure 11).

**✚ INSTALLATION TIP:** for easier mounting, lubricate the stock rubber brackets.

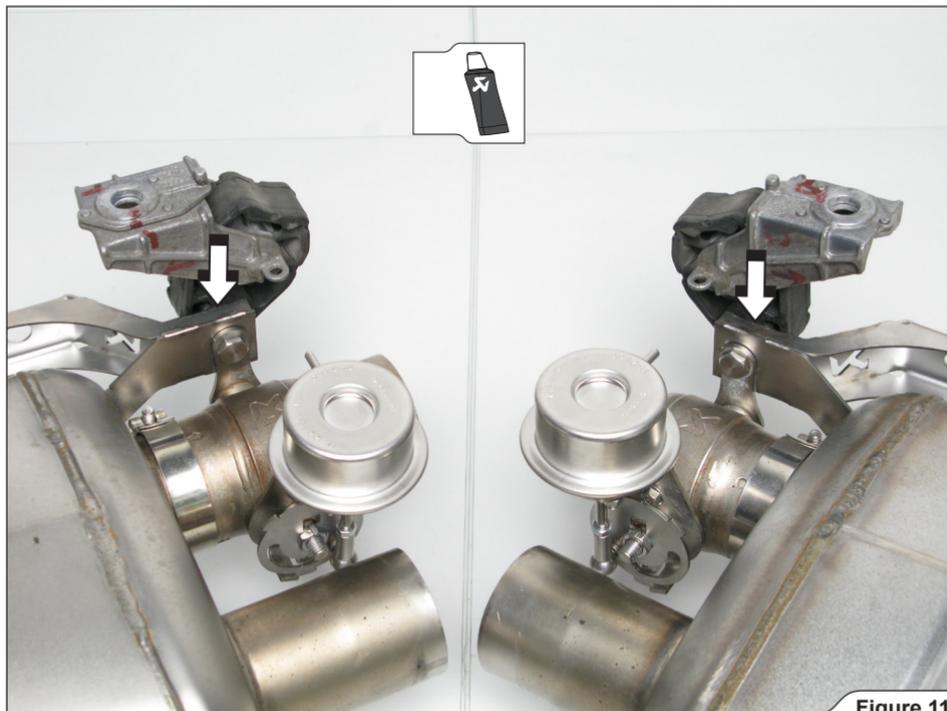


Figure 11

6. **For optional Link-Pipe only:** attach the Link-Pipe onto the vehicle, using stock double clamps and rubber brackets. Align the Link-Pipe and tighten the clamps. Reinstall the chassis linkage (**Figure 12**).

! **WARNING:** use anti-seize copper paste on bolt threads!

**AKR** **INSTALLATION TIP:** for easier mounting, lubricate the stock rubber brackets.

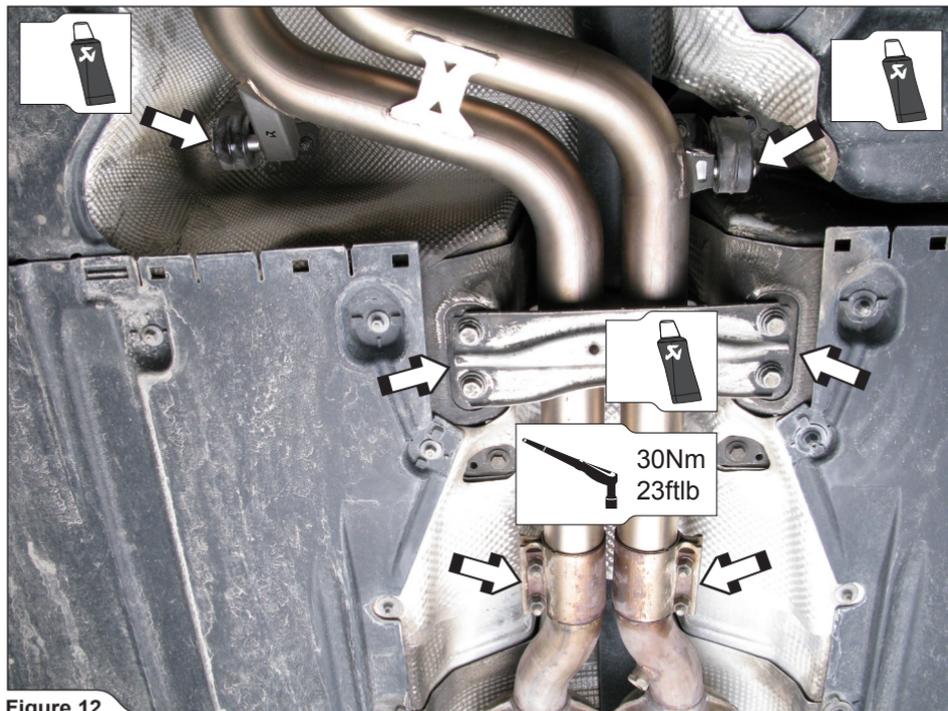


Figure 12

7. **For Slip-On and optional Link-Pipe:** slide the Akrapovič double clamps onto the Link-Pipe (Figure 13).

**!** **WARNING:** use anti-seize copper paste on clamp bolt threads!

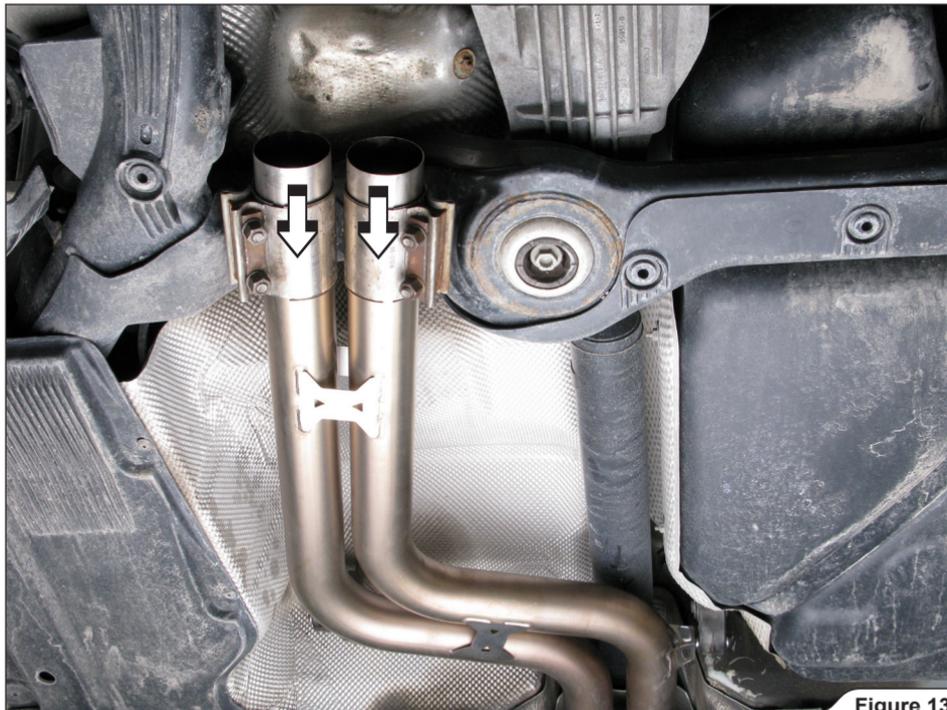


Figure 13

8. **For Slip-On and optional Link-Pipe:** attach the mufflers onto the vehicle. Tighten the rubber brackets to the chassis on both sides of the vehicle (**Figure 14**).

! **WARNING:** use anti-seize copper paste on nut threads!

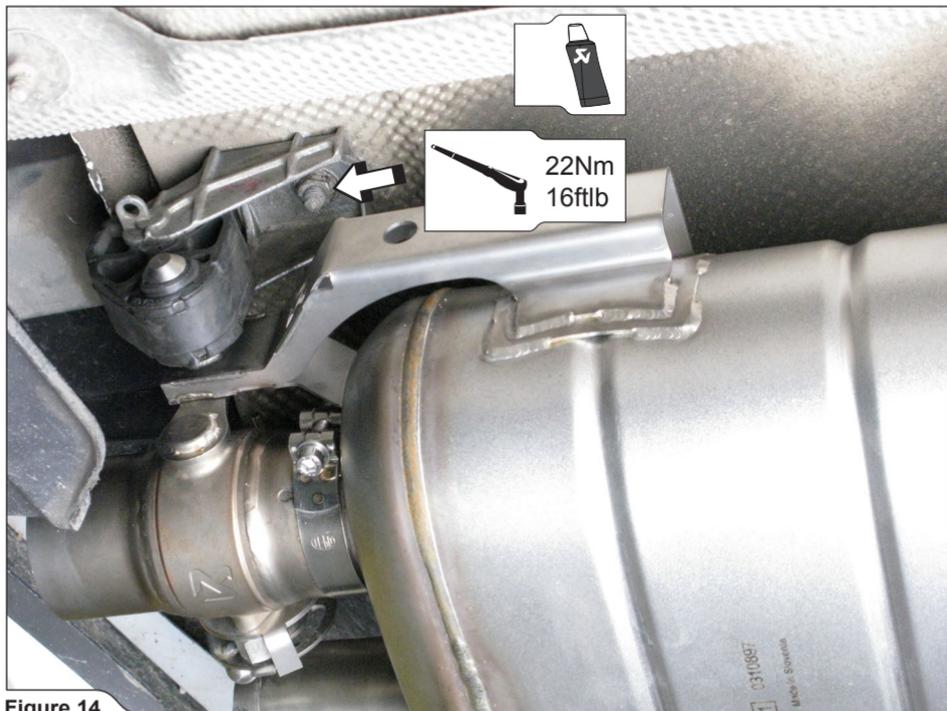


Figure 14

9. **For Slip-On and optional Link-Pipe:** slide the double clamps over the connection, center the mufflers in respect to the rear bumper and tighten the clamps and mufflers connection (using Akrapović bolt and nut) to a specified torque (**Figure 15**).

**! WARNING:** use anti-seize copper paste on bolt and nut threads!

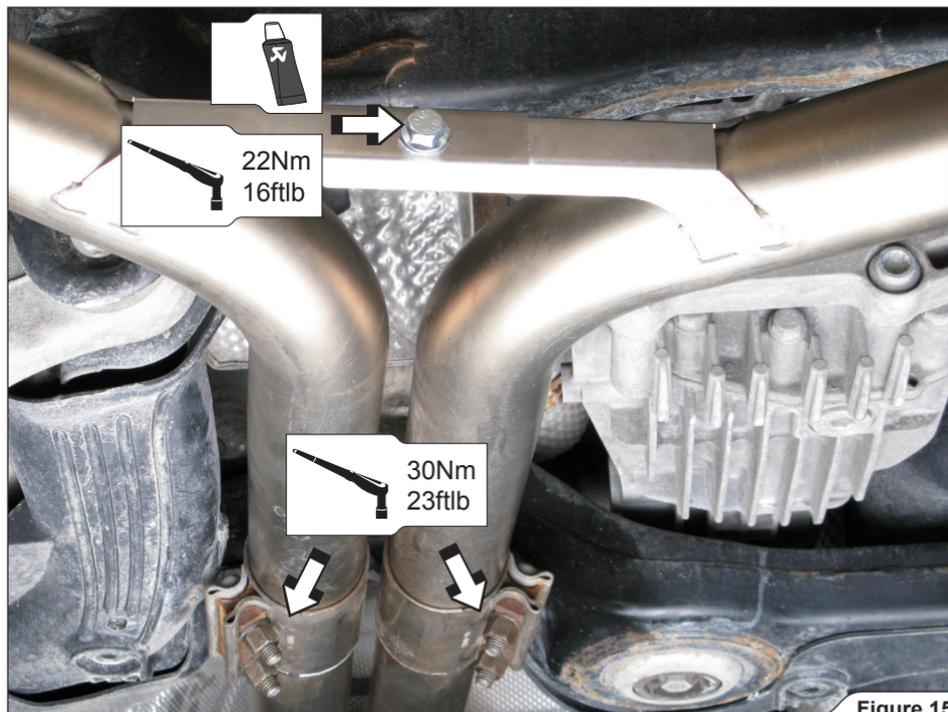


Figure 15

10. **For Slip-On and optional Link-Pipe:** assemble the clamps and spherical rings onto the Tail-Pipes, as shown (Figure 16).

! **WARNING:** use anti-seize copper paste on clamp bolt threads!



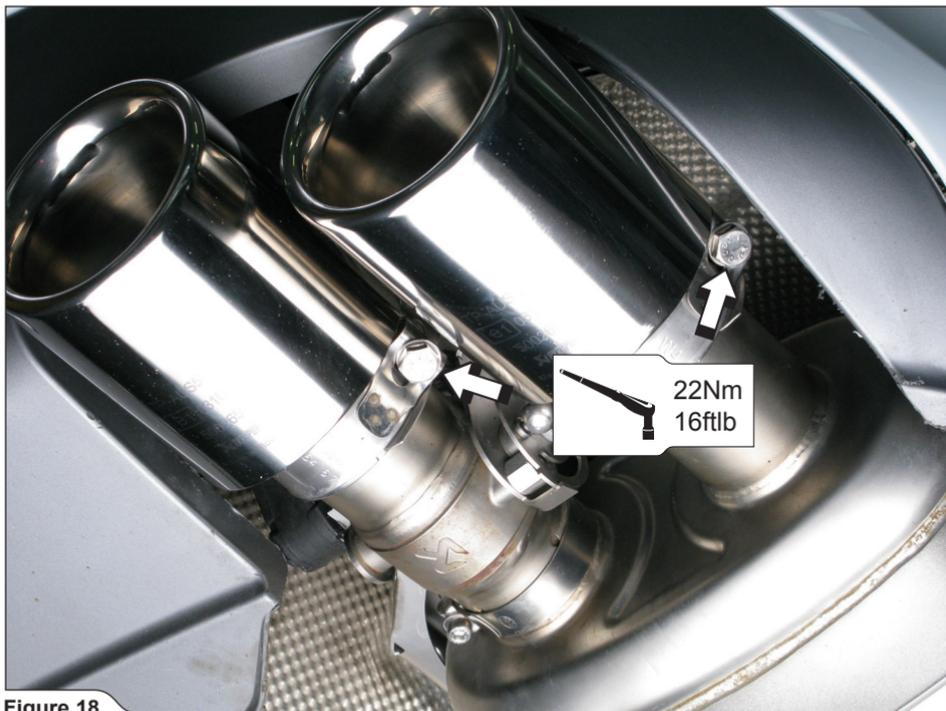
Figure 16

11. **For Slip-On and optional Link-Pipe:** slide the Akrapovič Tail-Pipes onto the muffler outlets. Center them in respect to rear bumper as shown (**Figure 17**).



**Figure 17**

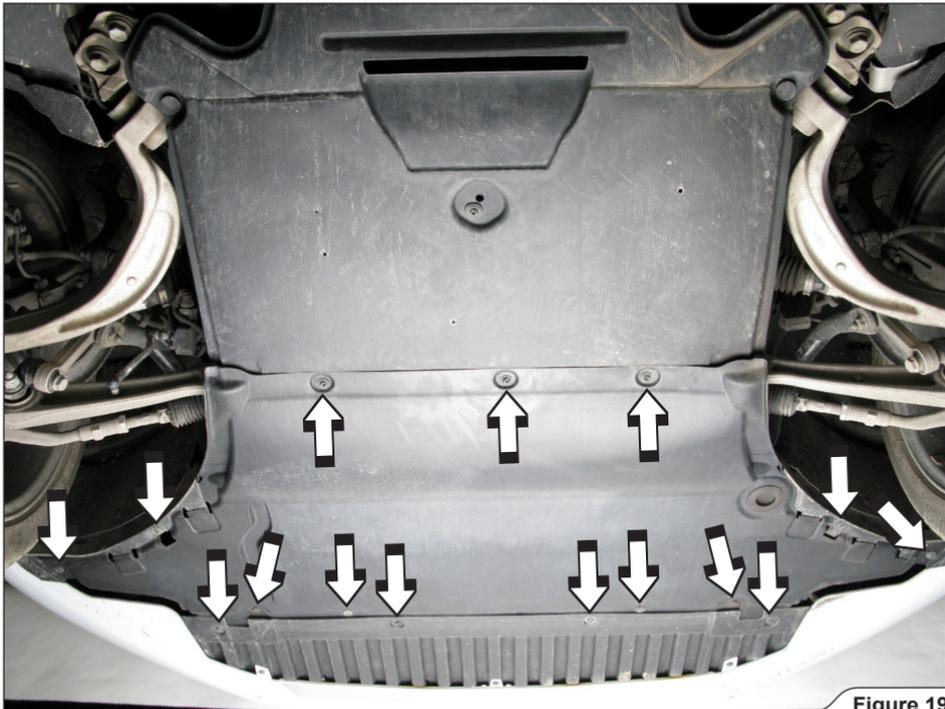
12. **For Slip-On and optional Link-Pipe:** tighten Tail Pipe clamps to a specified torque on both sides of the vehicle (**Figure 18**).



**Figure 18**

**INSTALLATION OF THE OPTIONAL WIRELESS EXHAUST VALVE KIT:**

1. Unscrew the marked bolts and remove the engine/chassis panels off the vehicle (**Figure 19, 20, 21, 22, 23**).



**Figure 19**



Figure 20



Figure 21

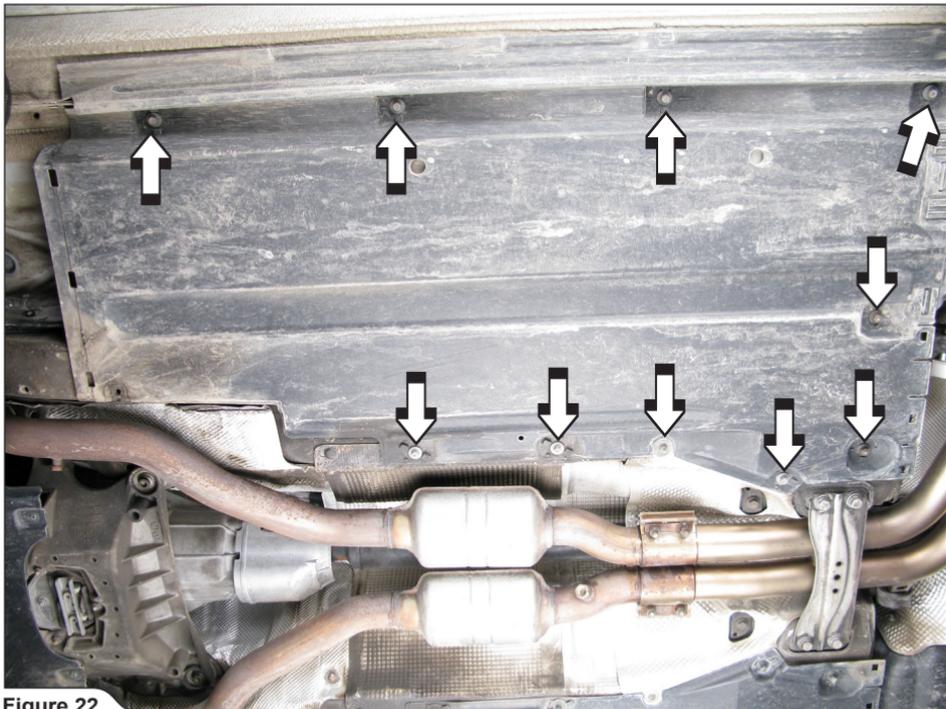


Figure 22

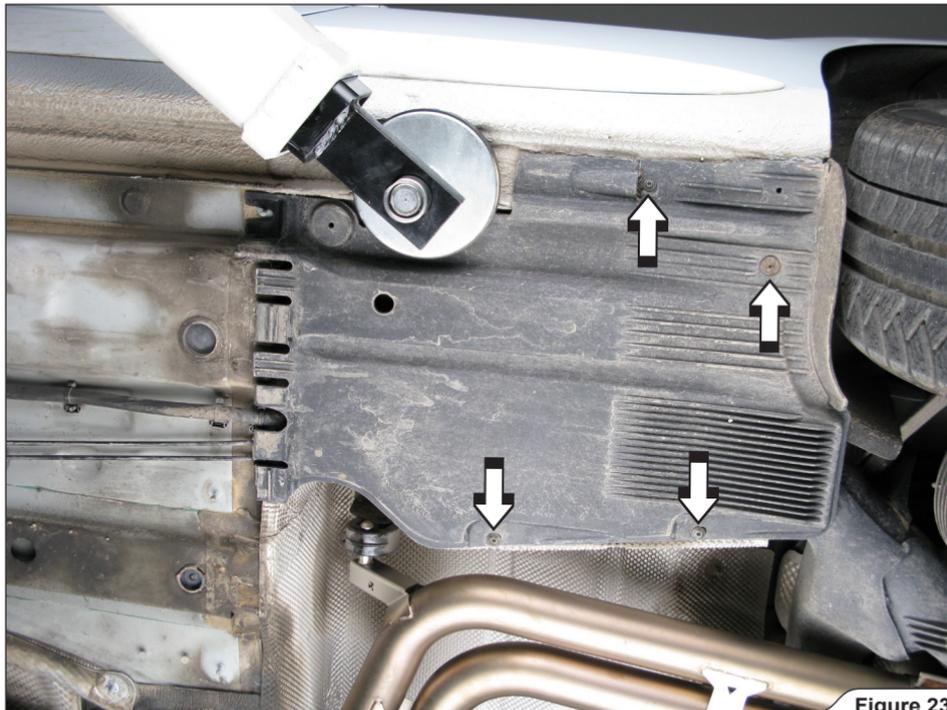
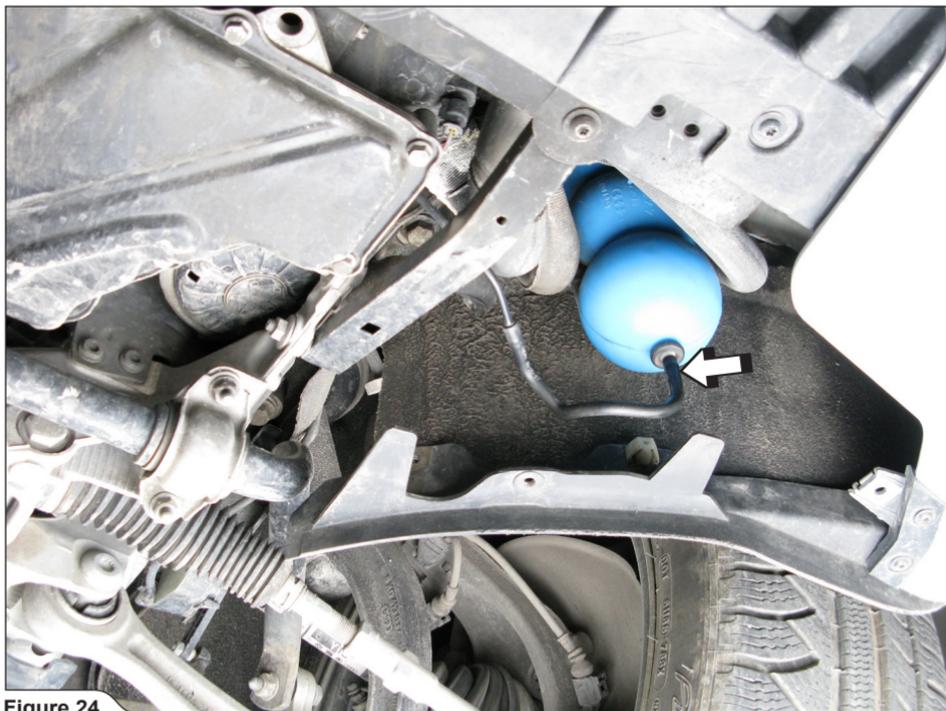


Figure 23

2. Pull the stock vacuum hose off the vacuum tank (**Figure 24**).



**Figure 24**

3. Link the Akrapovič 5cm rubber vacuum hose and plastic Y piece plastic distributor to a vacuum tank. Then connect stock and Akrapovič 750cm rubber hoses to a Y piece distributor as shown (Figure 25). Start directing the Akrapovič 750cm rubber hose towards the back end of the vehicle.

! **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!

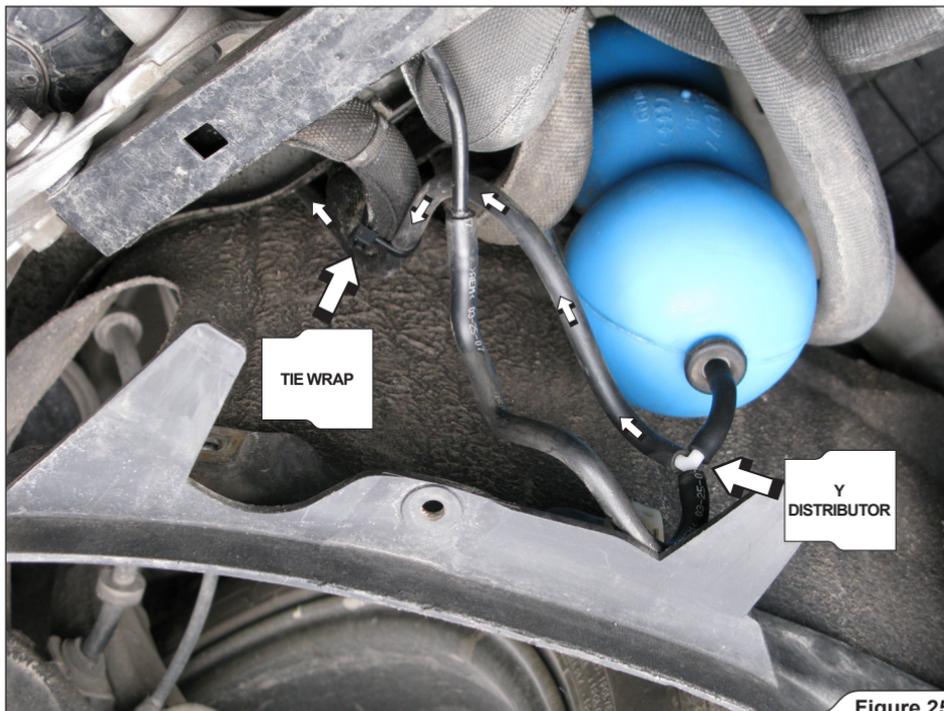


Figure 25

4. Direct the the Akrapovič 750cm vacuum rubber hose as shown (Figure 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 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!

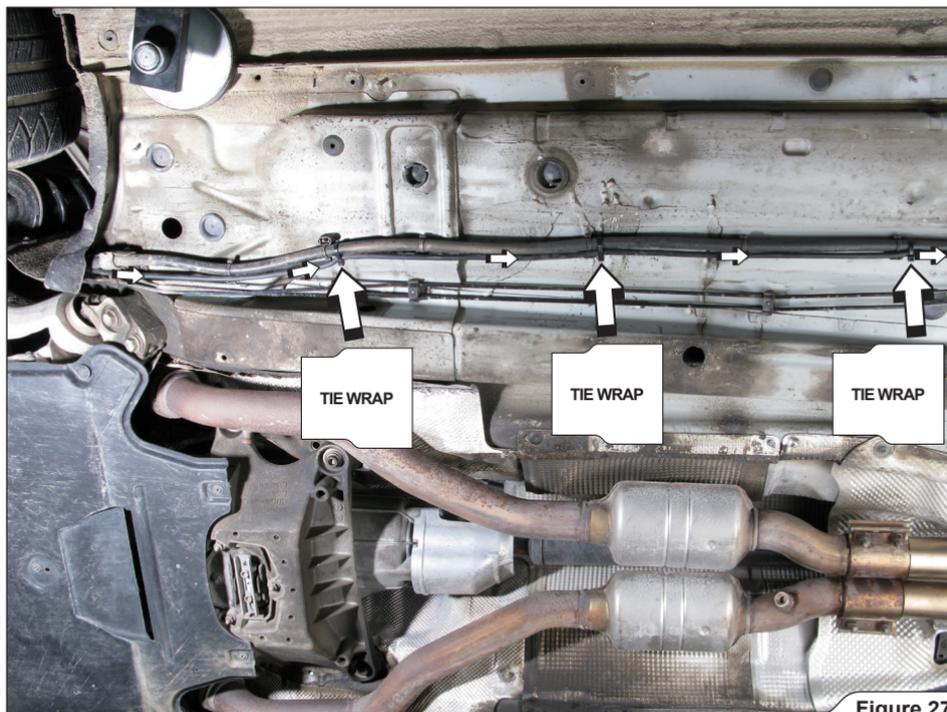


Figure 27

**!** **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!

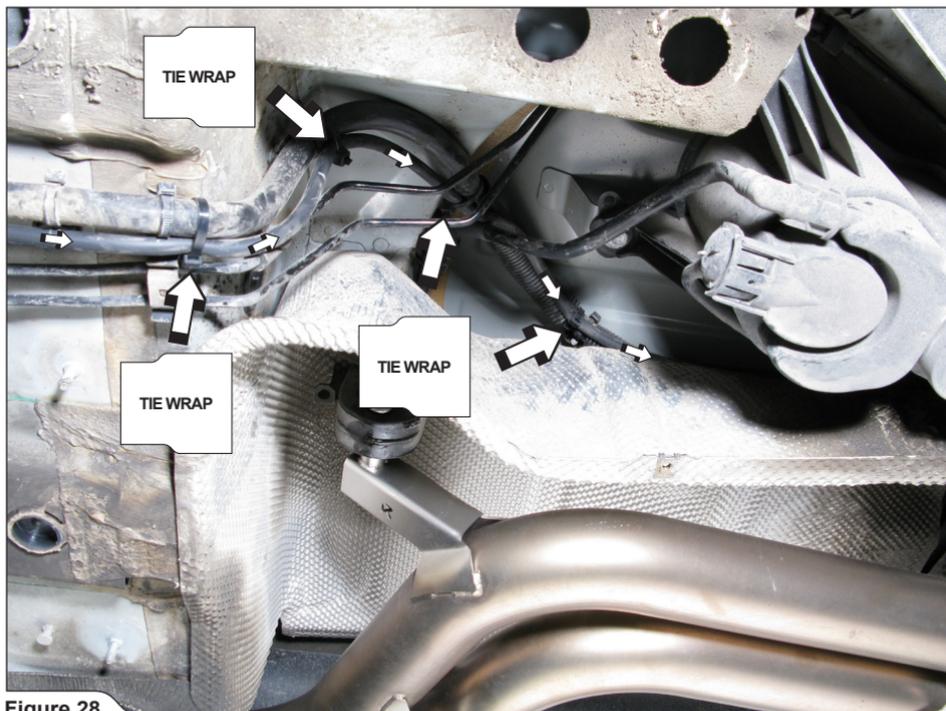


Figure 28

- ! **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!

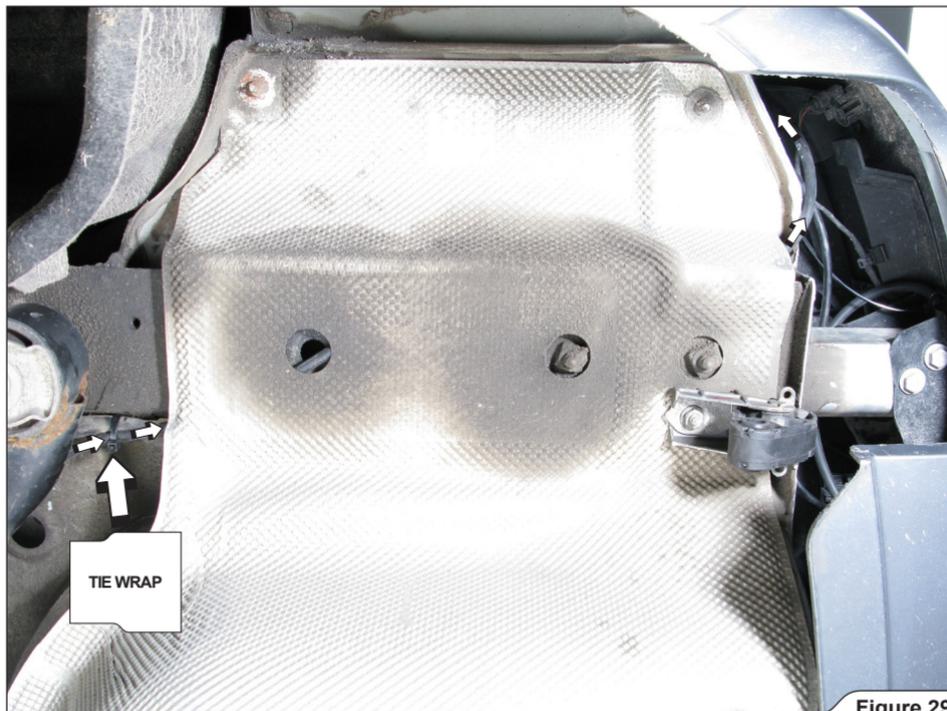


Figure 29

**!** **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!

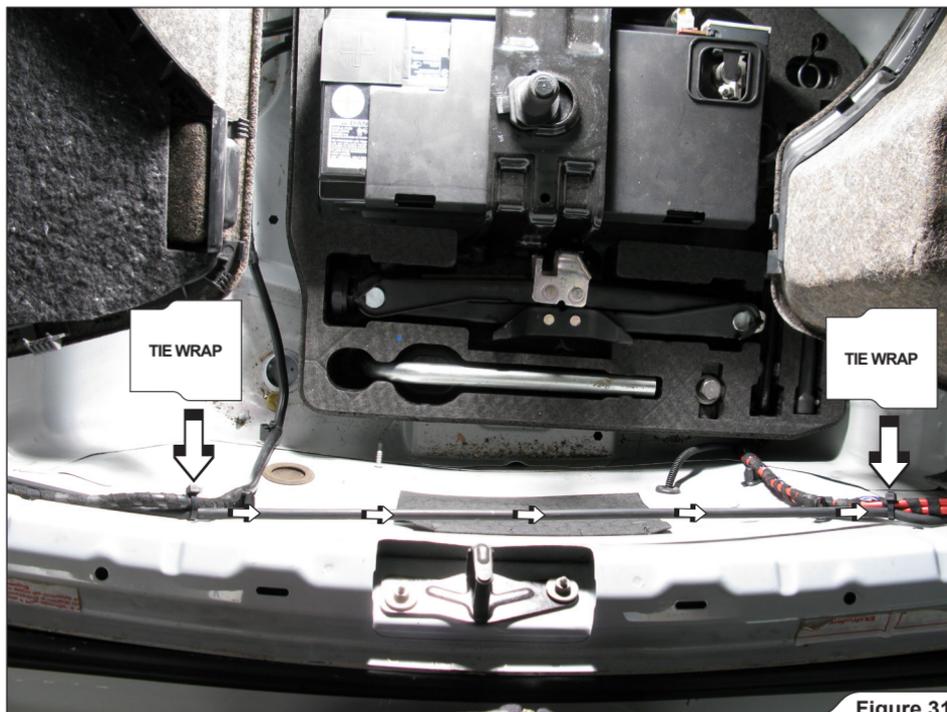
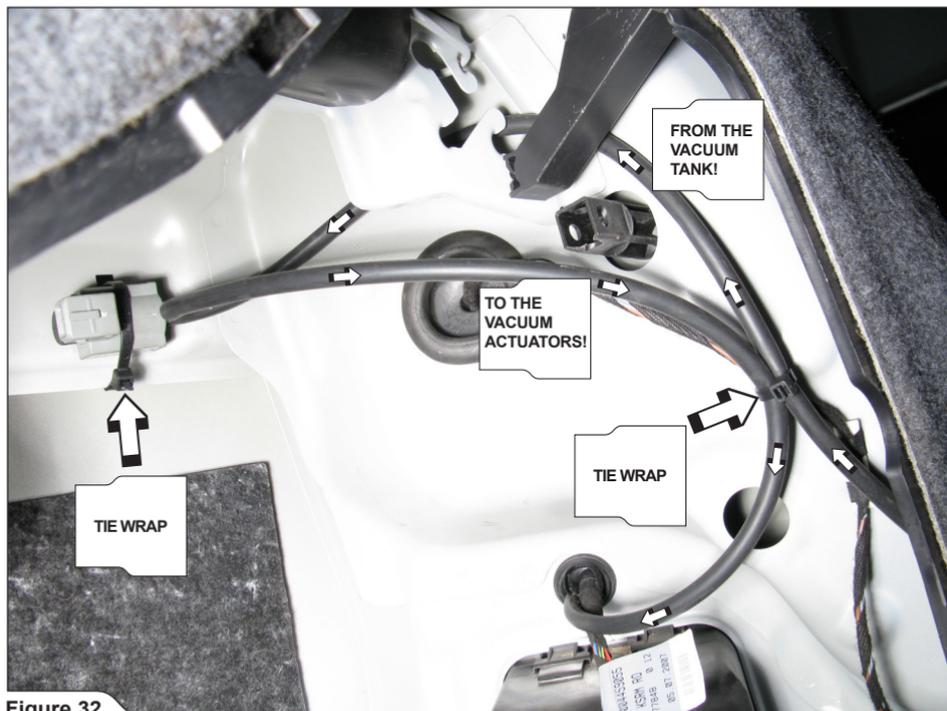


Figure 31

5. Fasten the electromagnet valve onto bodywork in the right side (behind the boot panel) of the car boot (use additional plastic tie wrap). Link the vacuum tank rubber hose to the electromagnet valve and direct the 1m Akrapovič vacuum hose (towards the right side muffler) as shown (**Figure 32**).



**Figure 32**

- Link the Y piece plastic distributor with the Akrapovič rubber vacuum hose from electromagnet valve , 1.6m hose to the left actuator and 0.6 m hose to right vacuum actuator (**Figure 33**).

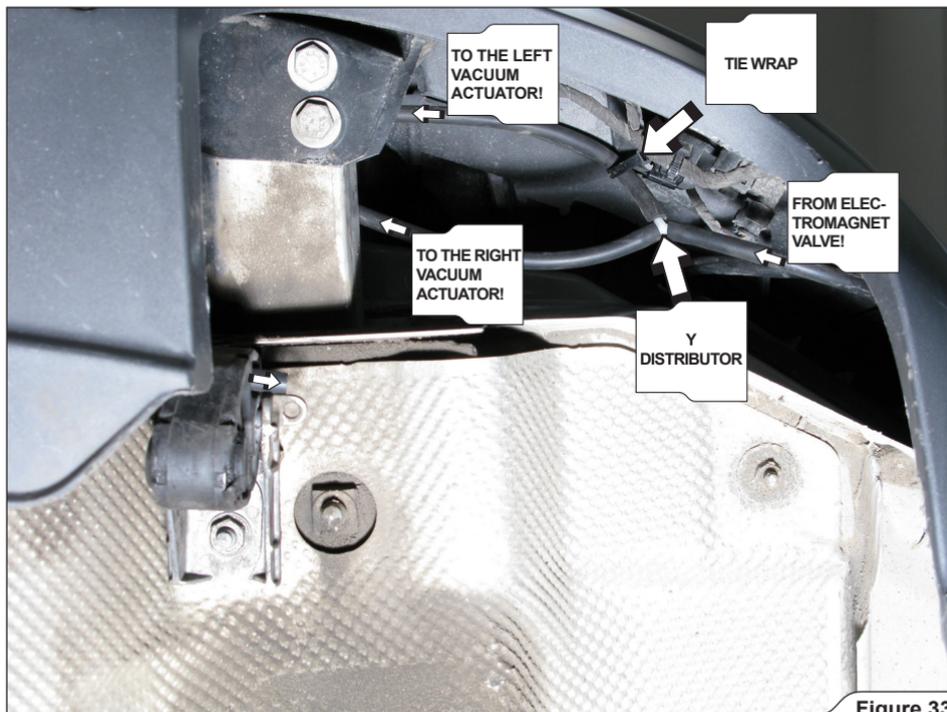


Figure 33

7. Direct the left actuators rubber vacuum hose on inside of the rear bumper (Figure 34, 35).



Figure 34

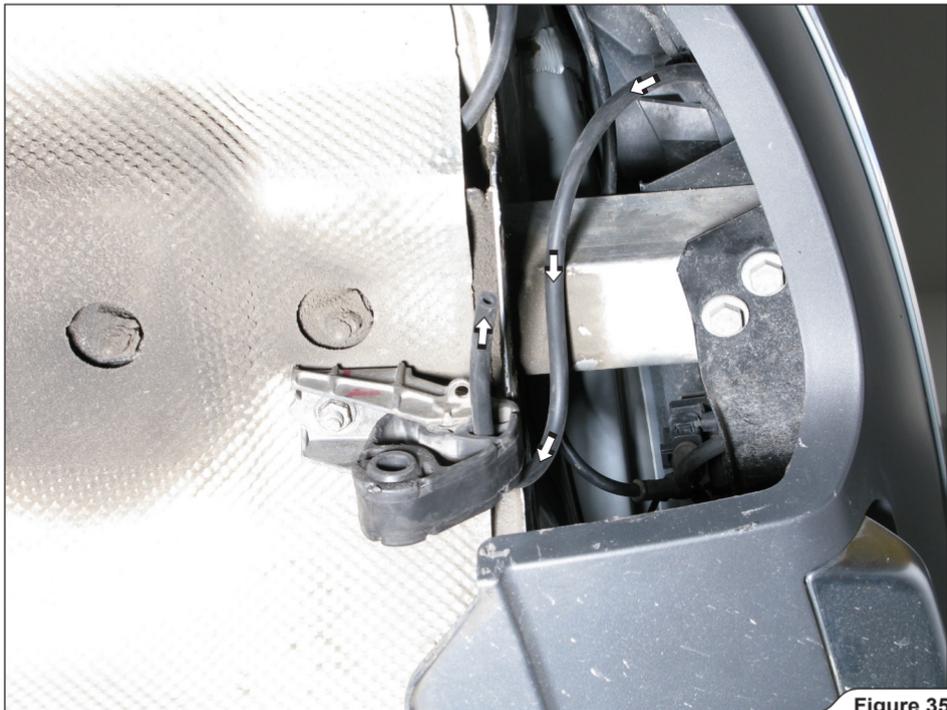


Figure 35

8. Link the rubber vacuum hoses to the vacuum actuators on both mufflers (**Figure 36**).



**Figure 36**

9. Transmitter with installation fittings: red wire-fuse box connector, black thin wire-ground connector, black thick wire with connector-to the electromagnet valve (**Figure 37**).

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



**Figure 37**

- Place the transmitter in the right side of the car boot (behind the boot panel). Tighten the ground connector (black thin wire) with marked nut, install the connector (black thick wire with connector) to the electromagnet valve and install the fuse box connector (red wire) in the marked spot in the fuse box (**Figure 38, 39, 40**).



**Figure 38**



Figure 39

- ! **WARNING:** make sure, that you install the red wire connector to the **RIGHT SIDE** of the fuse spot (Figure 40)!

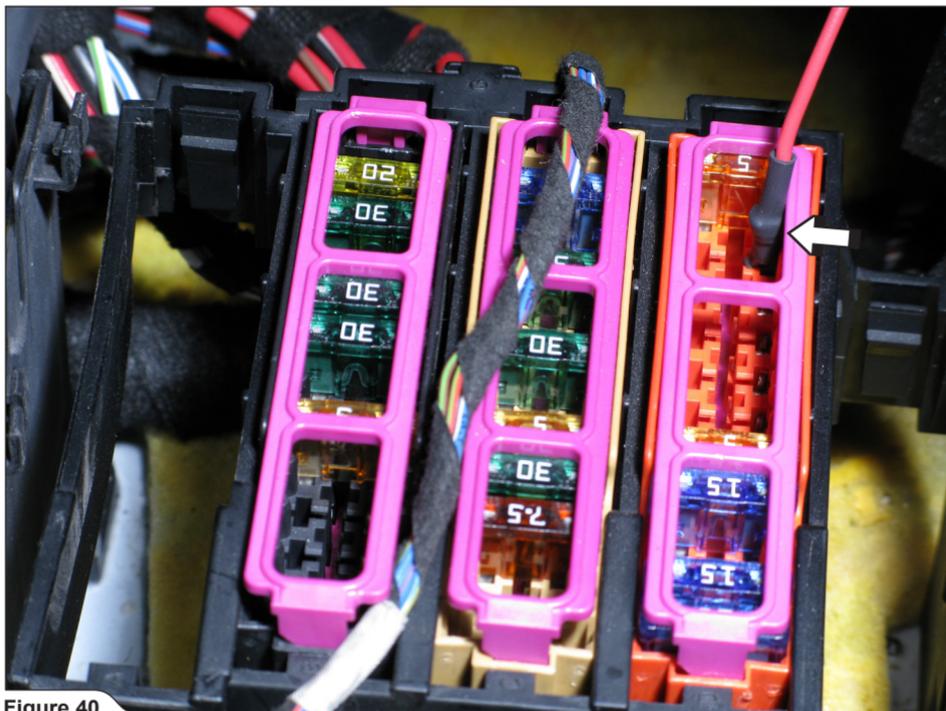


Figure 40

**!** CAUTION: secure all vacuum tubing connections, using clamps from Akrapovič installation kit! Install the clamps with corresponding tube clamp pliers (Figure 41).



Figure 41

## 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.”



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



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