



Installation instructions

Akrapovič Exhaust Systems:

Tail-Pipes, Slip-On and optional Link-Pipe
for the

VW GOLF GTI (type MK VI)

VW GOLF 1.4TSI (type Mk VI.)

VW GOLF 1.8TSI (type Mk VI.)

VW GOLF GTD (type Mk VI.)



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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 Exhaust System Technology logo is a registered trademark of Akrapovič d.d.

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.**



Pipe cutting tool
T-handle swiveling 13 mm wrench
T-handle 17 mm wrench



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.

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 Tail-Pipes only:** mark both stock Tail-Pipes **85mm** from the edge of the muffler, as shown in figure. Cut pipes with angle grinder or equivalent (**Figure 1**).

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

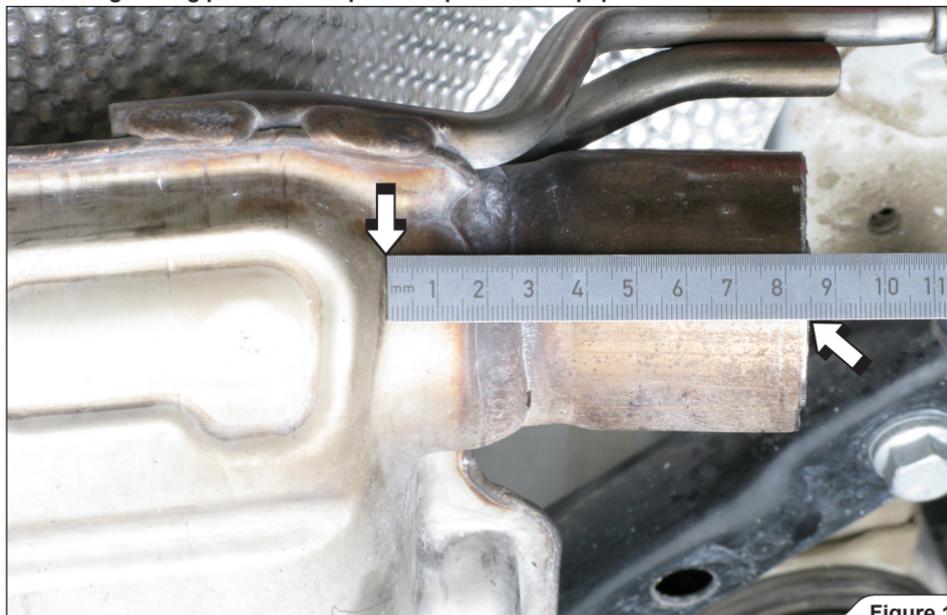


Figure 1

2. **For Slip-On only:** mark stock muffler inlet pipe **100mm** from the end of the inner radius of the second bend from the muffler as shown in figure. Cut the pipe with angle grinder or equivalent (**Figure 2**).

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



Figure 2

3. **For optional Link-Pipe only:** loosen the marked clamps and slide the stock link-pipe brackets out of the rubber brackets (**Figure 3, 4**).

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

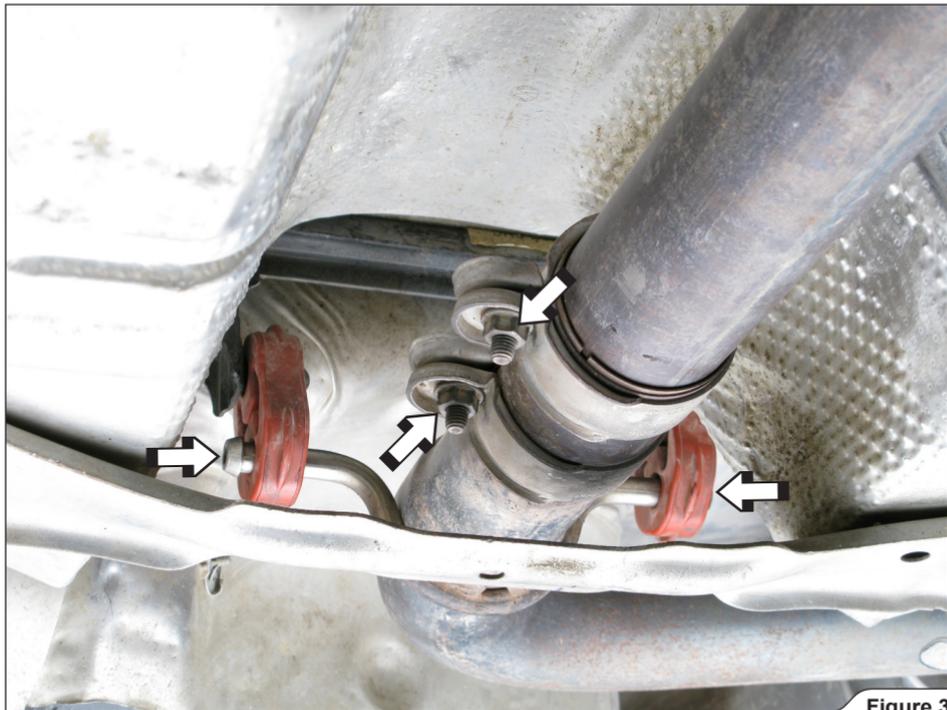


Figure 3

! **WARNING:** make sure, that you support the stock link-pipe 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 bolts on the right side and slide the muffler bracket out of the rubber bracket on the left side. Remove the muffler off the vehicle (**Figure 5, 6**).

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



Figure 5

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



Figure 6

5. **For 1.4TSI and 1.8TSI models only:** remove the rear bumper off the vehicle.

WARNING: the replacement of the stock rear bumper with the GTI model's bumper is mandatory!

INSTALLATION TIP: check vehicle manufacturer manual for correct bumper disassembly procedure.

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

6. **For GTD model only:** remove the rear bumper's diffuser off the vehicle.

WARNING: the replacement of the stock rear bumper's diffuser with the GTI model's diffuser is mandatory!

INSTALLATION TIP: check vehicle manufacturer manual for correct diffuser disassembly procedure.

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

INSTALLATION OF THE AKRAPOVIČ EXHAUST SYSTEMS:

1. **For optional Link-Pipe only:** hang the Akrapovič Link-Pipe onto three stock rubber brackets and slide the original double clamp over the joint. Center the double clamp on the middle of the joint and tighten the nuts to a specified torque (**Figure 7, 8**).

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

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

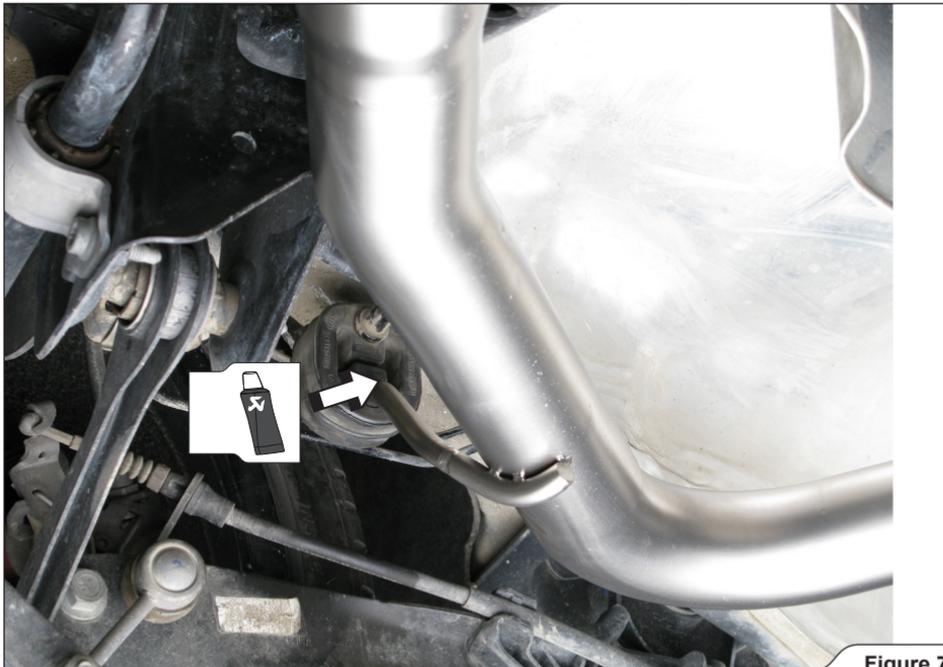


Figure 7

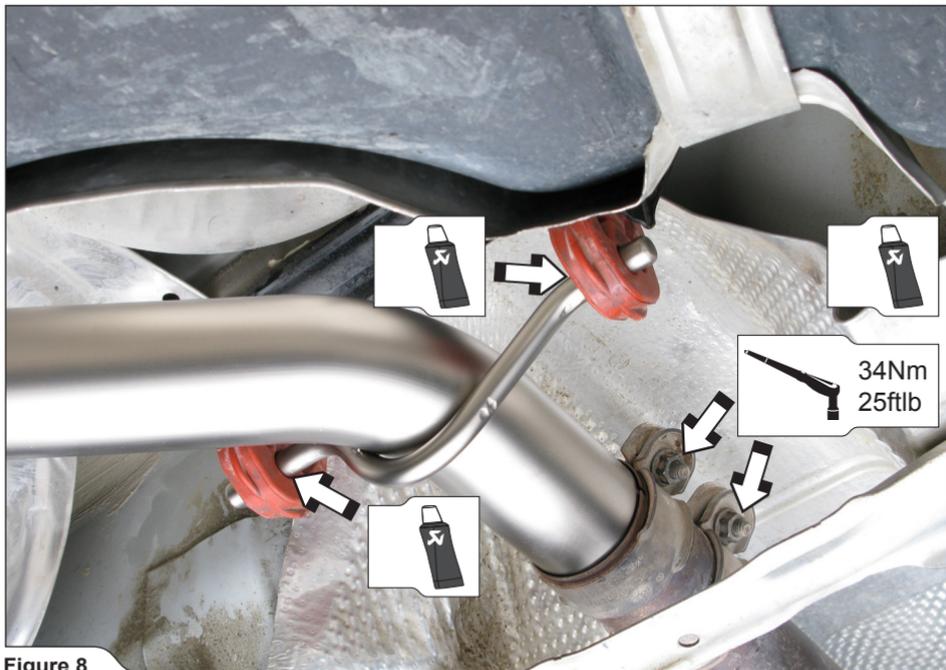


Figure 8

2. **For Slip-On and optional Link-Pipe:** attach the right side stock rubber brackets onto Akrapovič muffler, as shown (Figure 9).

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



Figure 9

3. **For Slip-On and optional Link-Pipe:** slide the Akrapovič double clamp over the optional or stock Link-Pipe, as shown (Figure 10).

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



Figure 10

4. For Slip-On and optional Link-Pipe: hang the muffler on stock rubber bracket, as shown (Figure 11).

✂ **INSTALLATION TIP:** for easier mounting, lubricate the stock rubber bracket.

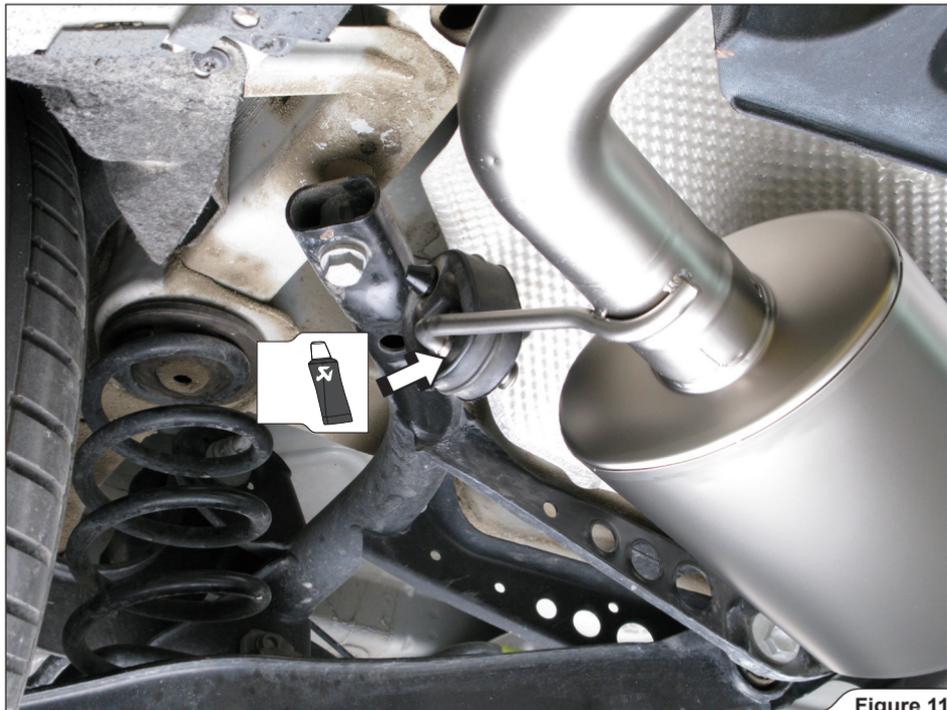


Figure 11

5. For Slip-On and optional Link-Pipe: tighten the right side stock rubber bracket onto the vehicle (Figure 12).

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

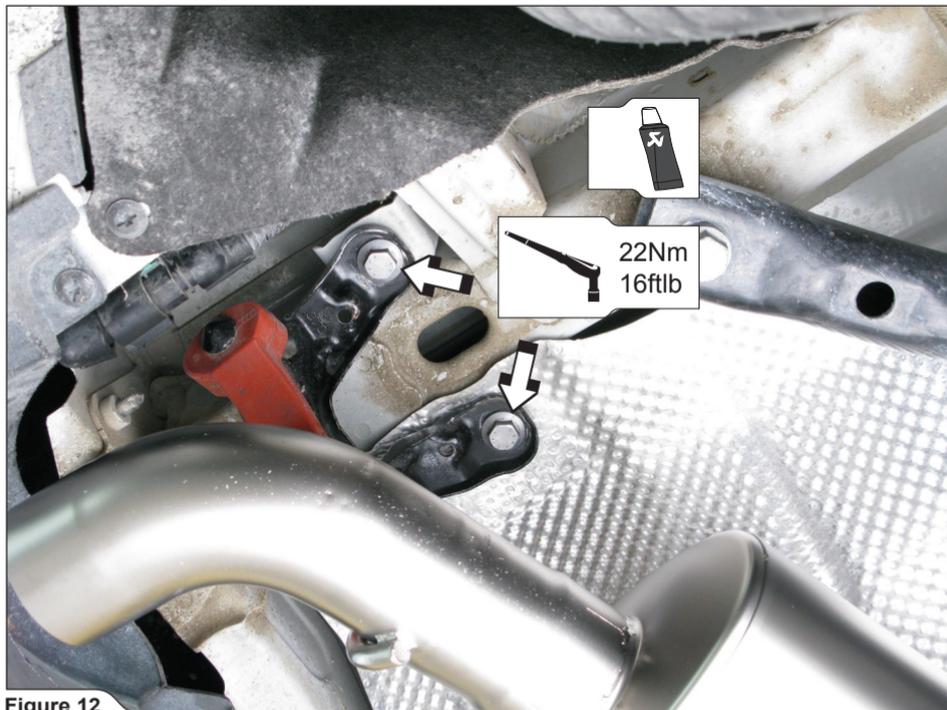


Figure 12

6. **For Slip-On and optional Link-Pipe:** push the Akrapovič muffler pipe and Akrapovič (or stock) link pipe together, center the double clamp on the middle of the pipes' joint and tighten the clamp to the specified torque (**Figure 13**).

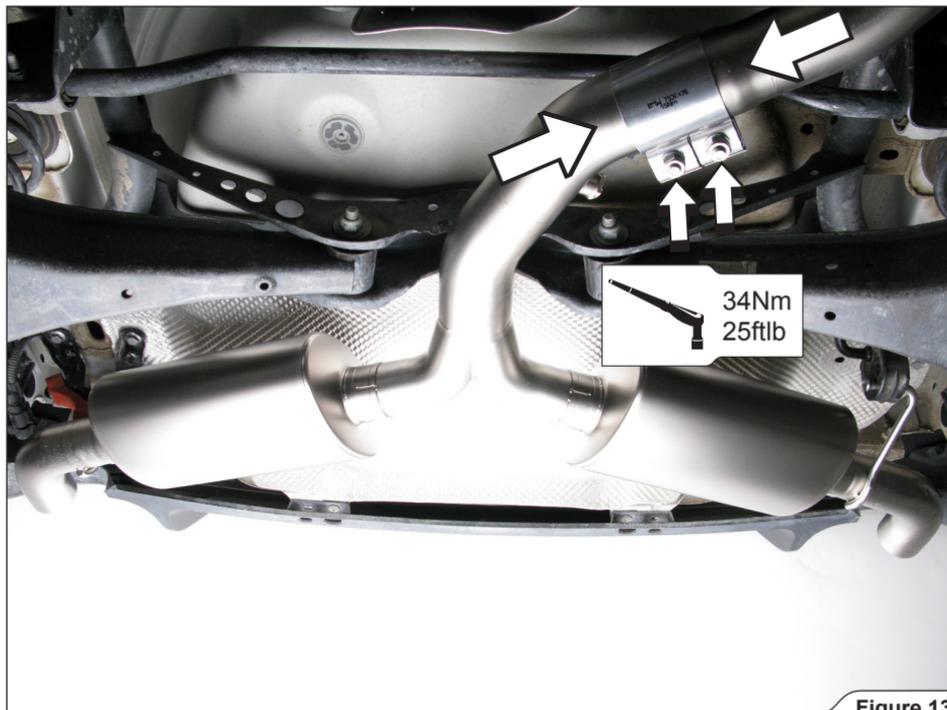


Figure 13

7. **For Slip-On and optional Link-Pipe:** loosen the double clamp at the link pipe - down pipe joint and adjust the link pipe in the axial direction in such a way, that the marked clearances between Akrapovič muffler and chassis, are sufficient (**Figure 14, 15, 16**).

! **WARNING:** the gap between down pipe and link pipe should not exceed 8mm!

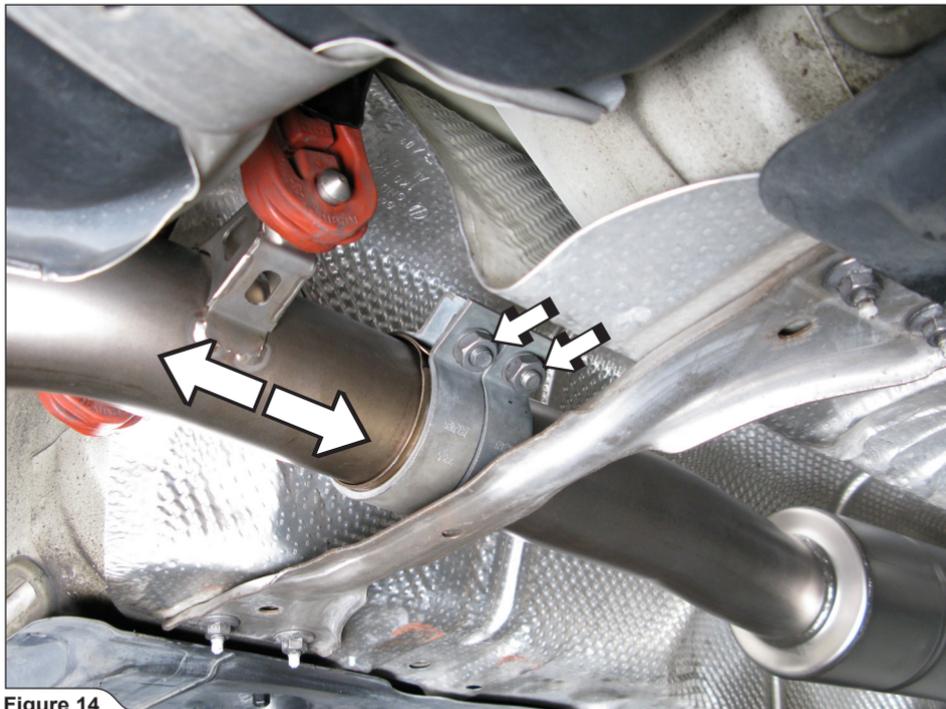


Figure 14

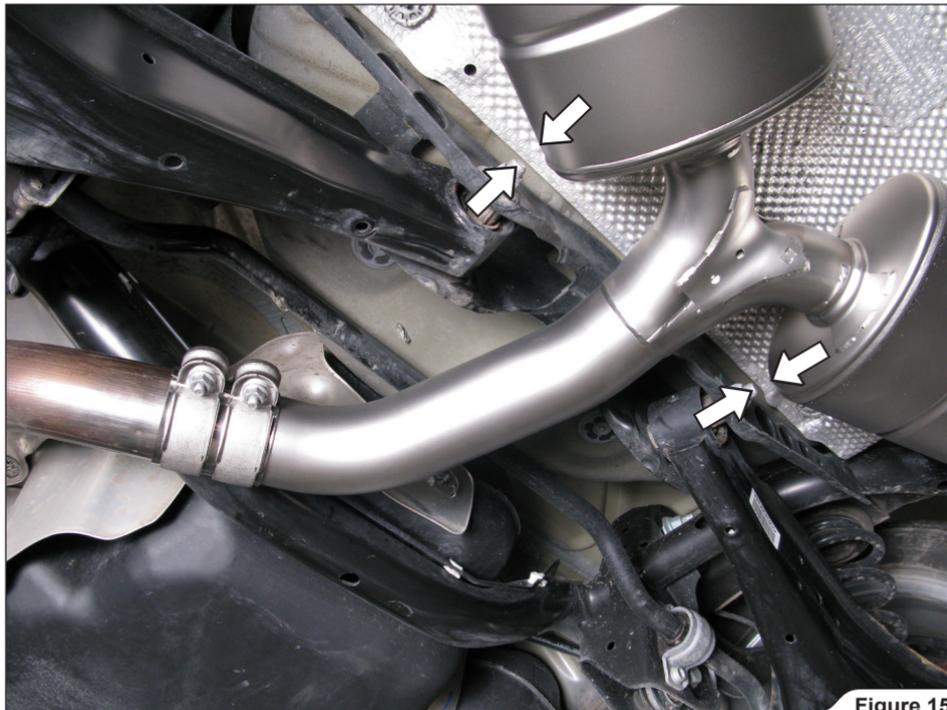


Figure 15



Figure 16

8. **For Slip-On and optional Link-Pipe:** retighten the double clamp to the specified torque (**Figure 17**).

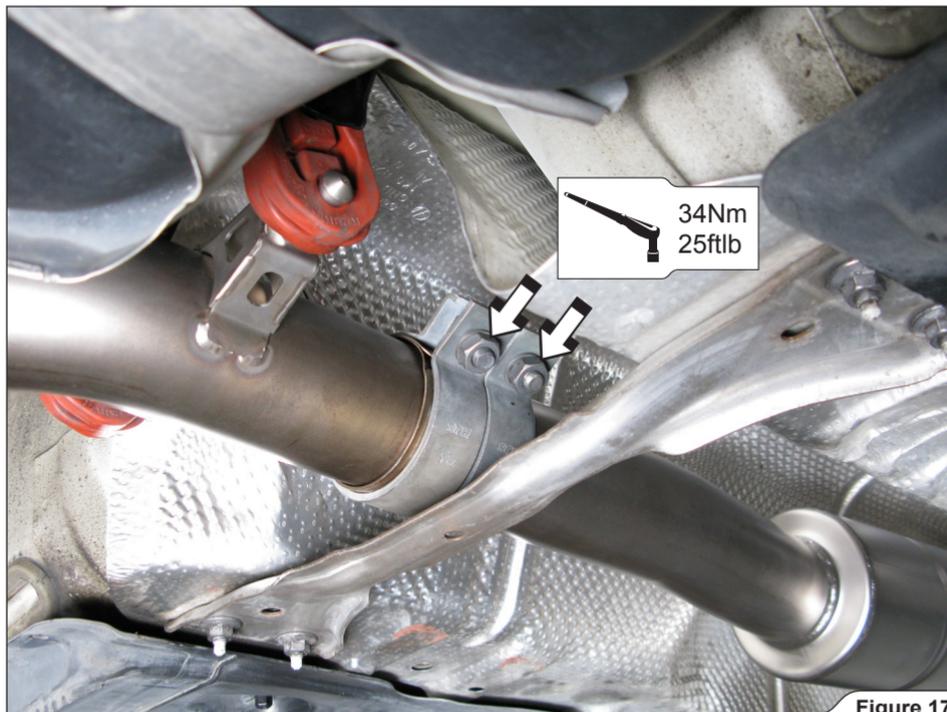


Figure 17

9. **For Tail-Pipes only:** assemble the clamps onto the connecting pipes, as shown (Figure 18).
! **WARNING:** use anti-seize copper paste on clamp bolt threads!



Figure 18

10. **For Tail-Pipes only:** slide the connection pipes all the way onto the stock mufflers' outlets, center them and tighten the clamps to a specified torque (**Figure 19**).

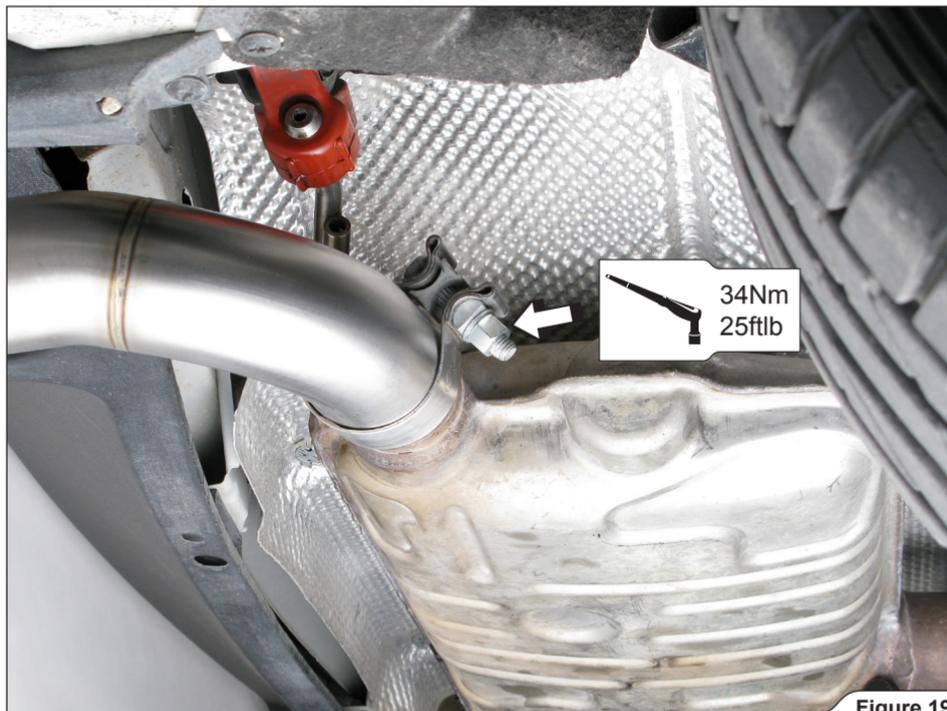


Figure 19

11. **For Tail-Pipes, Slip-On and optional Link-Pipe:** assemble the clamps and spherical rings onto the Tail Pipes (Figure 20).

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



Figure 20

12. **For Tail-Pipes, Slip-On and optional Link-Pipe:** slide the Akrapovič Tail-Pipes onto the connection pipes/muffler outlets . Center them in respect to rear bumper as shown (**Figure 21**).



Figure 21

13. **For Tail-Pipes, Slip-On and optional Link-Pipe:** tighten Tail Pipe clamps to a specified torque on both sides of the vehicle (**Figure 22**).

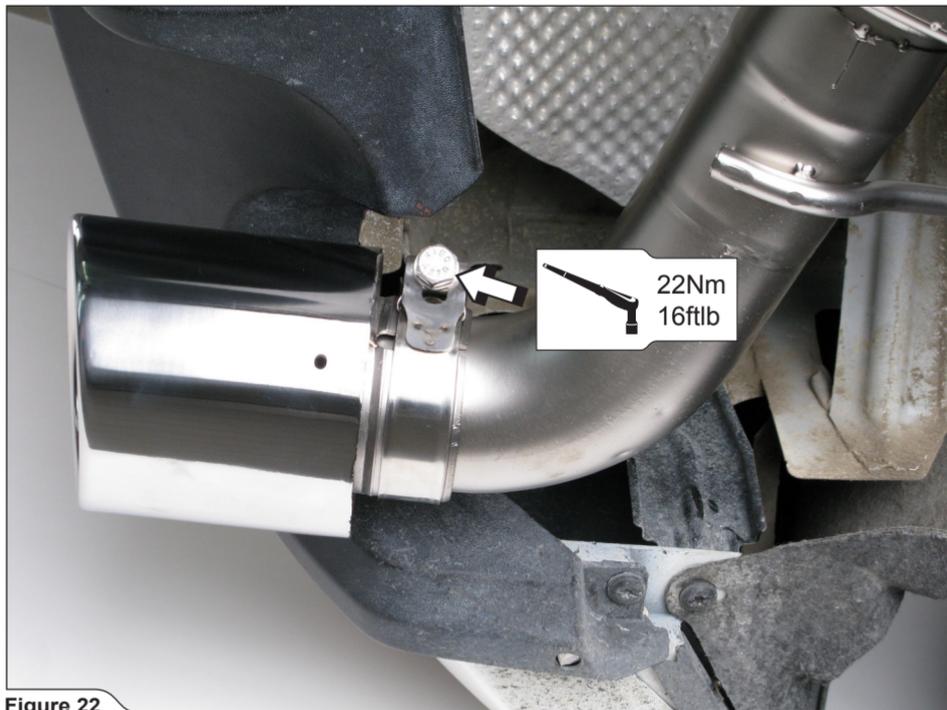


Figure 22

14. **For 1.4TSI and 1.8TSI models only:** replace the stock bumper with the GTI model's bumper in the reverse order from the order in which it was removed. Check vehicle manufacturer manual for tightening torques.
 - ! **WARNING:** the replacement of the stock rear bumper with the GTI model's bumper is mandatory!
 -  **INSTALLATION TIP:** check vehicle manufacturer manual for correct bumper installation procedure.
 - ! **WARNING:** make sure, not to injure yourself or damage any part of the vehicle during this procedure!

15. **For GTD model only:** replace the stock bumper's diffuser with the GTI model's bumper's diffuser in the reverse order from the order in which it was removed. Check vehicle manufacturer manual for tightening torques.
 - ! **WARNING:** the replacement of the stock rear bumper's diffuser with the GTI model's diffuser is mandatory!
 -  **INSTALLATION TIP:** check vehicle manufacturer manual for correct diffuser installation procedure.
 - ! **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 IF WHITE SMOKE COMES OUT OF THE MUFFLER ON FIRST OPERATION.**
- ! **DO NOT STAND BEHIND THE MUFFLER ON FIRST OPERATION.**
- ! **DO NOT USE AUTOMOTIVE WHEEL CLEANERS OR ANY CLEANING PRODUCTS WHICH CONTAIN ACIDIC ADDITIVES TO CLEAN AKRAPOVIČ EXHAUST SYSTEMS.**

WARNING

Please note certain Akrapovič America LLC (Akrapovič) aftermarket exhaust systems are not legal for use on California highways or roads.

Akrapovič sells exhaust systems for automobiles and motorcycles that are mounted downstream of the catalytic converter, which are considered as legal replacement parts in California. However, California does not permit the use of aftermarket exhaust systems that remove original equipment catalysts unless the California Air Resources Board (CARB) has issued an Executive Order as to such part.

Unless approval has been obtained from CARB, exhaust systems that remove original equipment catalysts are not legal for use on California highways (even if used off-road), unless they are used on racing competition vehicles only in closed course racing; these systems should not be used on any vehicle that is registered or licensed for use and/or is used on California highways or roads, and they should not be used on roads or vehicles otherwise subject to emissions control requirements.

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