



Installation instructions

Akrapovič Exhaust Systems:
Slip-On and Evolution
for the
BMW 335i (type E90, E91, E92)



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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/>

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 swiveling CTX E10 wrench
T-handle swiveling 12 mm wrench
T-handle swiveling 13 mm wrench
Combination 18 mm wrench
T-handle TX50 wrench
Cutting pliers
Angle grinder



BEFORE INSTALLING, CHECK THE SCHEMATIC OF THE EXHAUST SYSTEM!



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 Slip-On:** mark both muffler pipes **50mm** from the end of the inner radius of the first bend from the muffler as shown in figures. Cut both pipes with angle grinder or equivalent (**Figure 1, 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 1

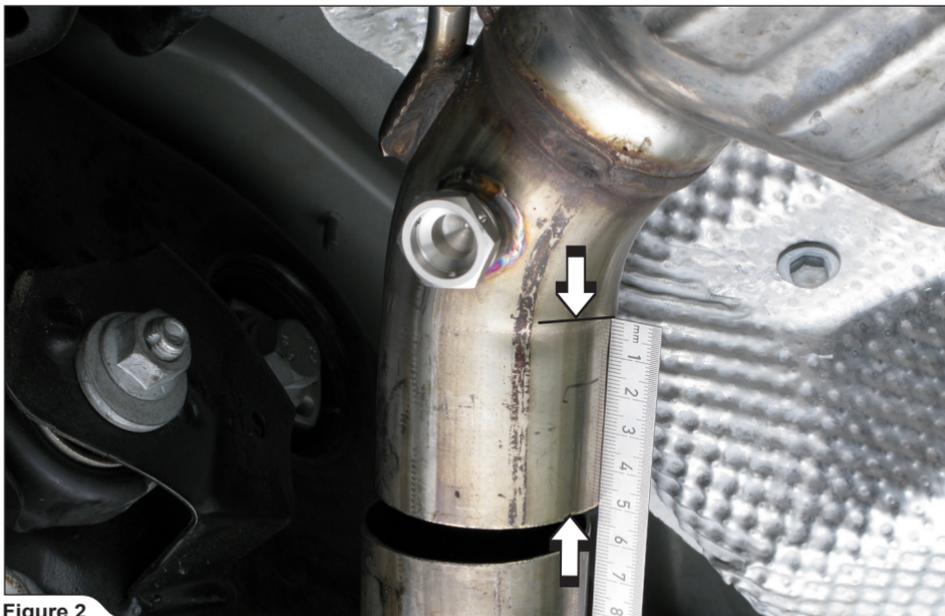


Figure 2

2. For Slip-On and Evolution: pull the vacuum tube of the exhaust valve cylinder (Figure 3).

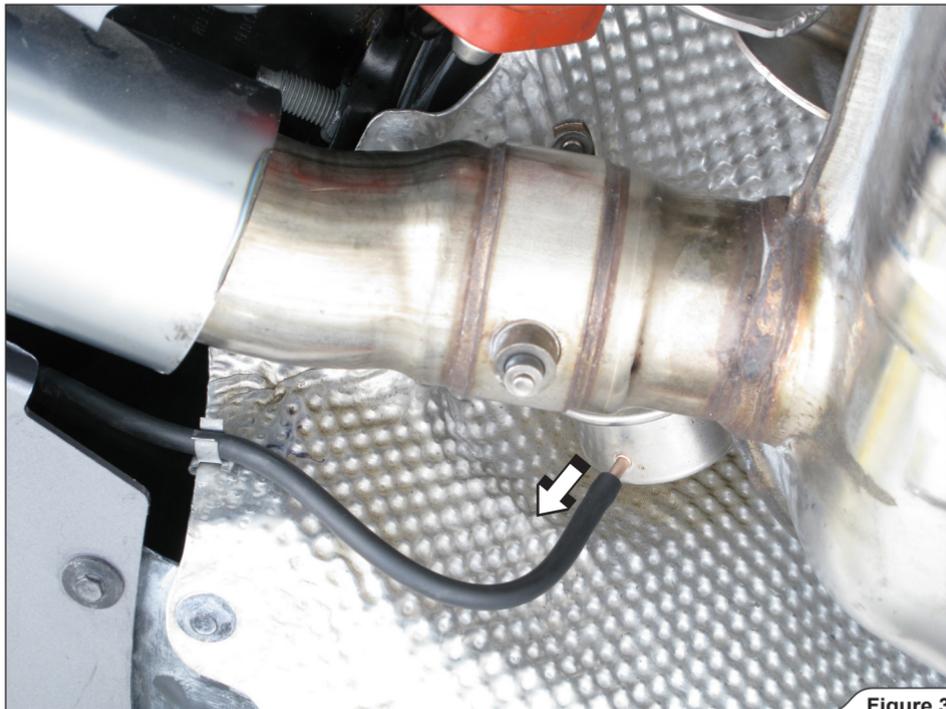


Figure 3

3. **For Evolution:** unscrew the marked bolts on both sides of the vehicle and remove the stock bracket (**Figure 4, 5**).

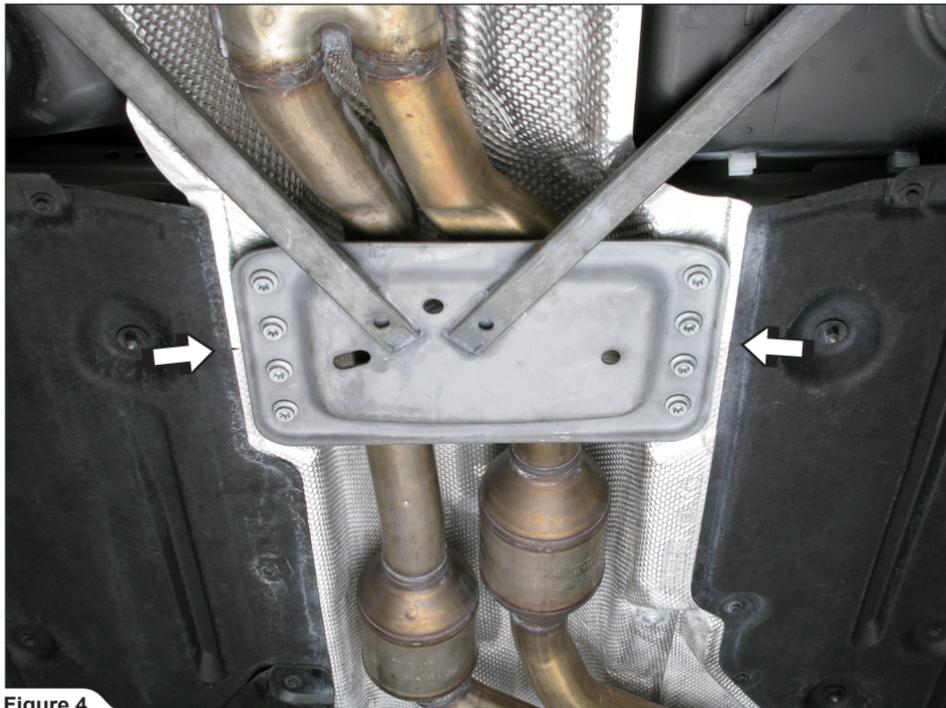


Figure 4



Figure 5

4. **For Evolution:** unscrew marked nuts (Figure 6).

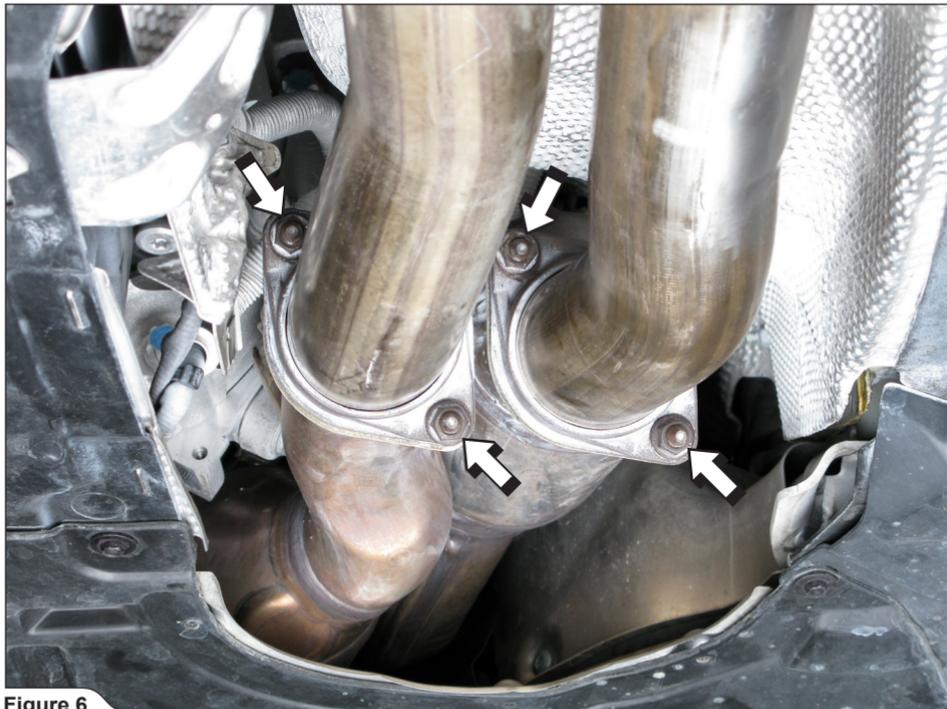


Figure 6

5. **For Evolution:** unscrew the marked bolts and nuts (**Figure 7**).



Figure 7

6. **For Slip-On:** unscrew the marked bolts and nuts on both sides of the vehicle. Remove the rubber brackets and the muffler from the vehicle (**Figure 8, 9**).

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

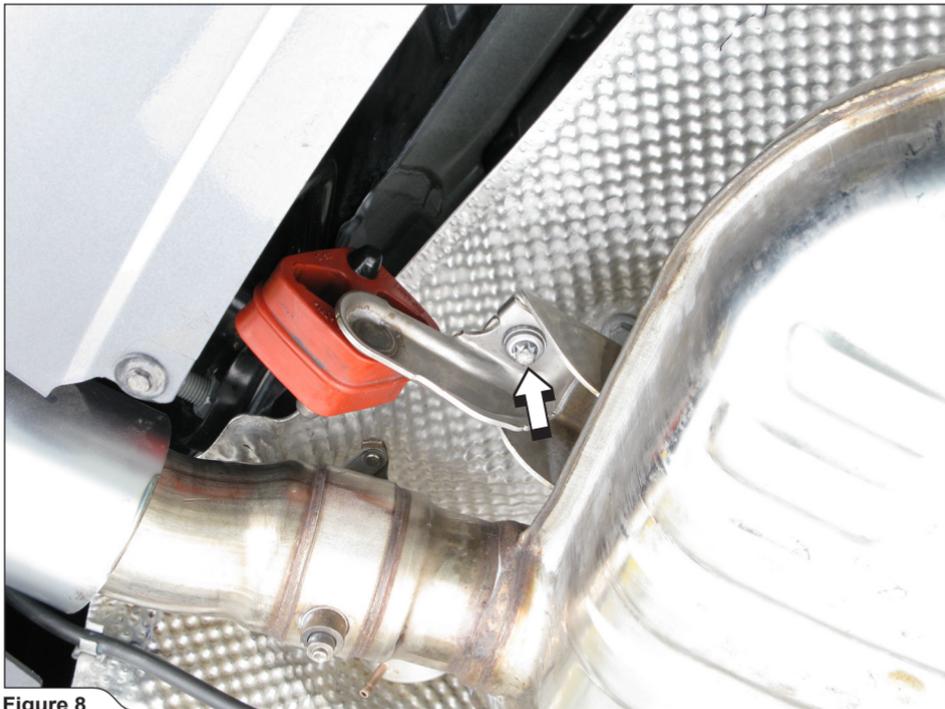


Figure 8

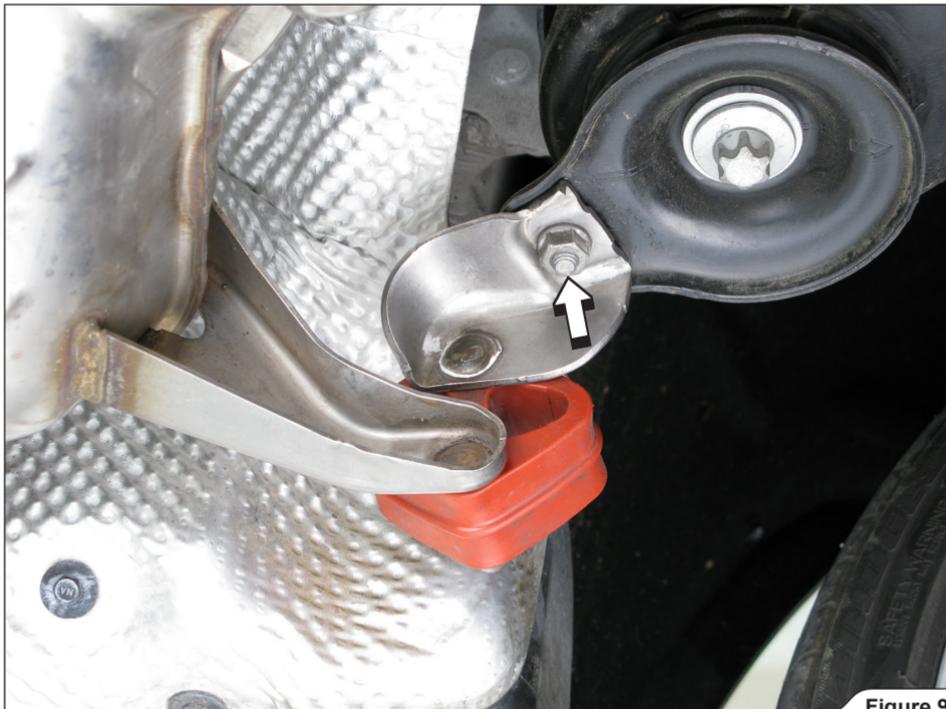


Figure 9

7. **For Evolution:** unscrew the marked bolts and nuts on both sides of the vehicle. Remove the rubber brackets and the muffler with tubes from the vehicle (Figure 8, 9, 10).

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

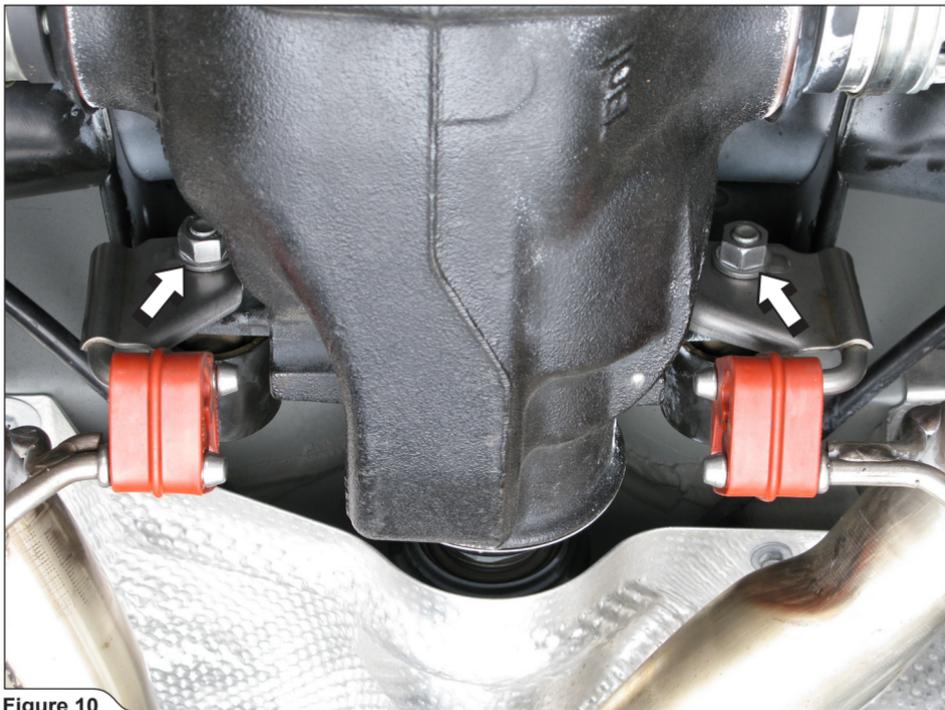


Figure 10

8. **For Evolution:** untighten the marked nuts of the stock down-pipes' bracket, so it can be adjusted later (**Figure 11, 12**).



Figure 11



Figure 12

INSTALLATION OF THE AKRAPOVIČ EXHAUST SYSTEMS:

1. **For Evolution:** assemble the Akrapovič front pipes on the stock down-pipes using stock nuts (Figure 13).
- ! **CAUTION:** use new exhaust gaskets in Akrapovič front pipes - stock down-pipes joints!
 - ! **WARNING:** use anti-seize copper paste on all nut threads!
 - ! **WARNING:** do not fully tighten the nuts yet!

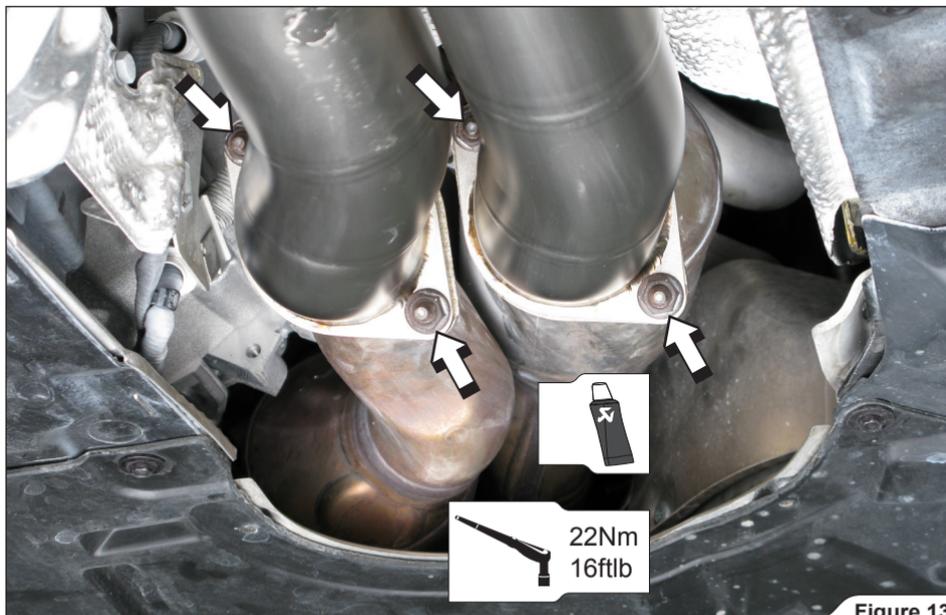


Figure 13

2. **For Evolution:** attach the Akrapovič front pipes bracket onto the chassis using stock bolts and nuts. Assemble the Akrapovič clamp onto the bracket using Akr. M8x75 bolt and washer (Figure 14).

! **WARNING:** use bolt sealant on Akr. M8 clamp bolt thread!

! **WARNING:** use anti-seize copper paste on all stock bolts and nuts threads!

! **WARNING:** do not fully tighten the bolts and nuts yet!

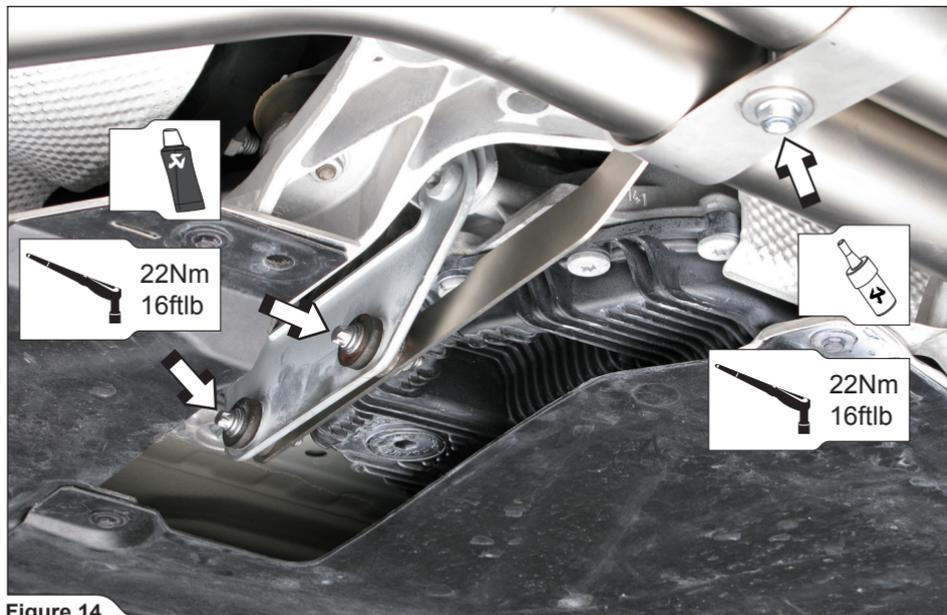


Figure 14

3. **For Evolution:** attach the stock rubber brackets and additional metal clamps to Akrapovič middle pipes as shown (Figure 15, 16).

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

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

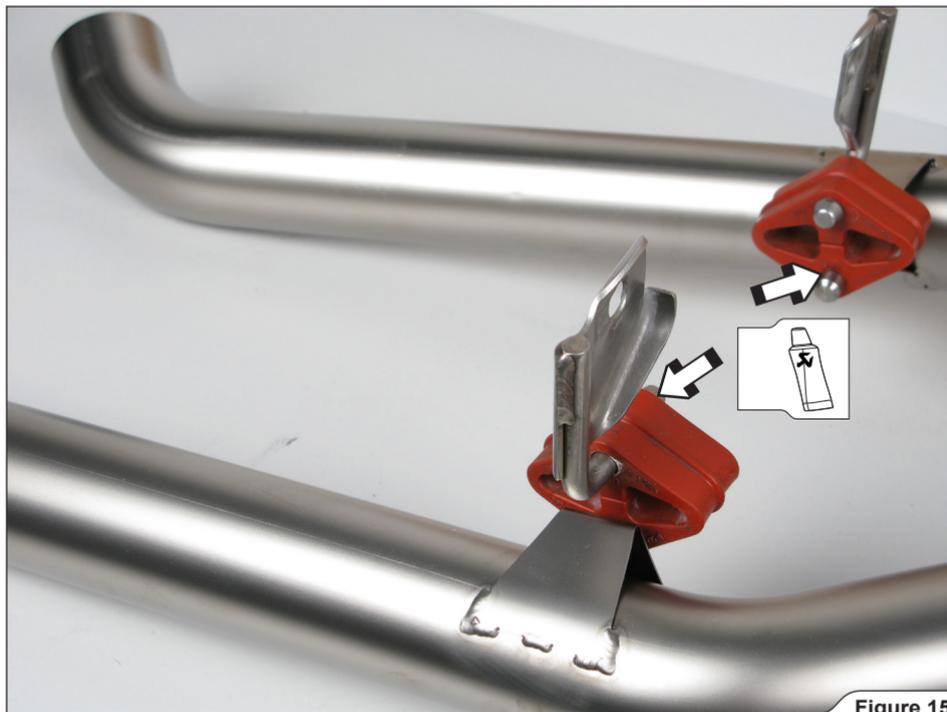


Figure 15

✂ **INSTALLATION TIP:** coat the interior of the inlet bushes of the middle pipes with ceramic grease (white tube).

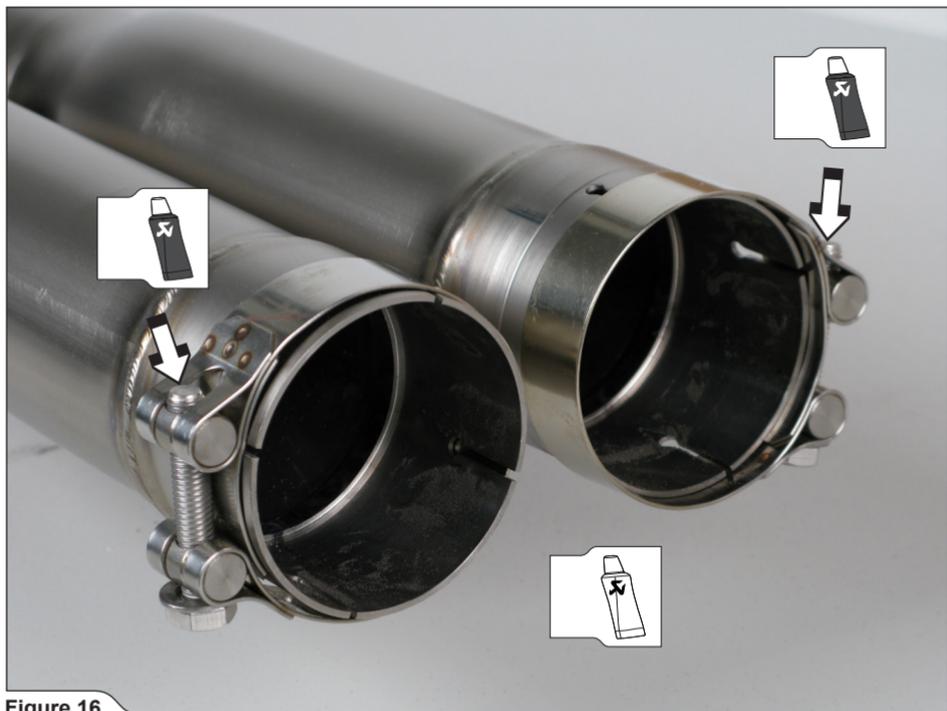


Figure 16

4. **For Evolution:** attach the assembled middle pipes with brackets onto the vehicle (**Figure 17**).
! **WARNING:** use anti-seize copper paste on marked nuts threads!

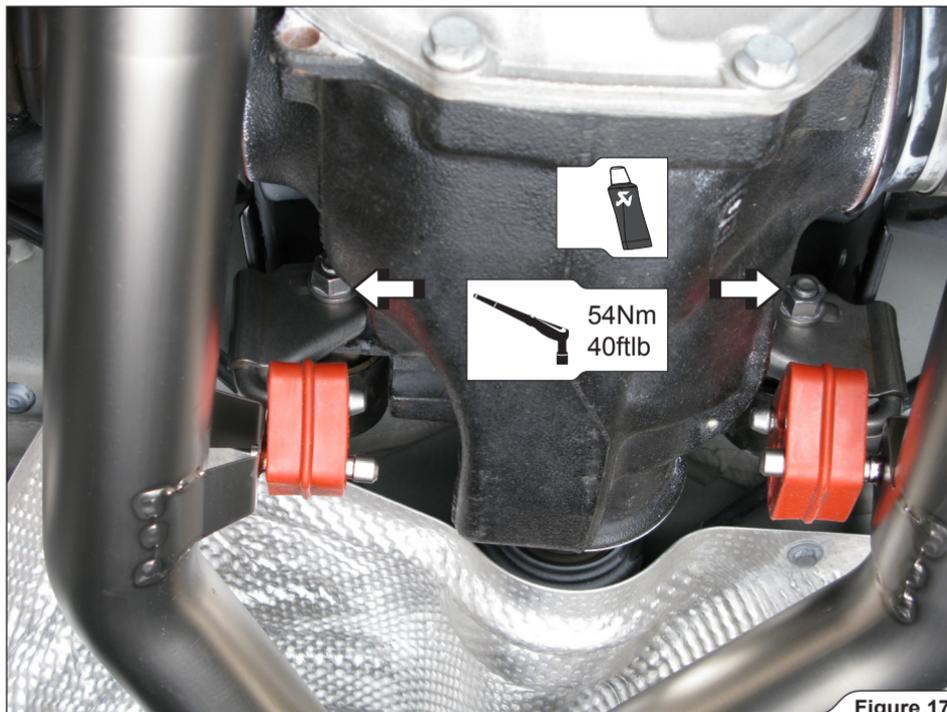


Figure 17

5. **For Evolution:** slide the middle pipes all the way onto the front pipes, align the middle and front pipes and tighten the clamps to a specified torque (**Figure 18**).

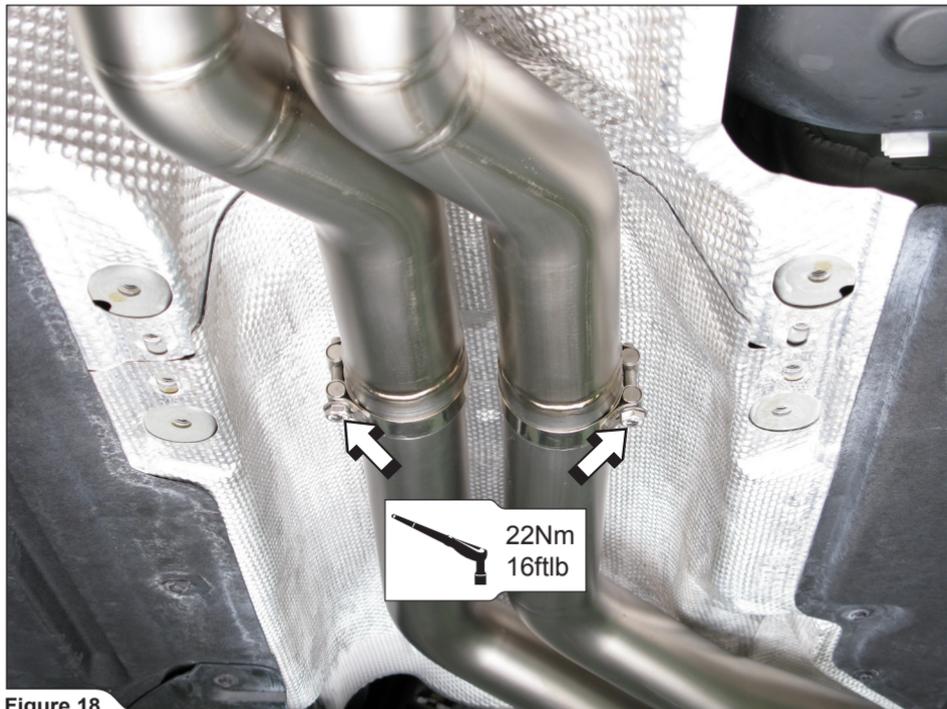


Figure 18

6. **For Evolution:** reattach and tighten to a specified torque the stock bracket to the vehicle chassis using stock bolts (**Figure 19, 20**).

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

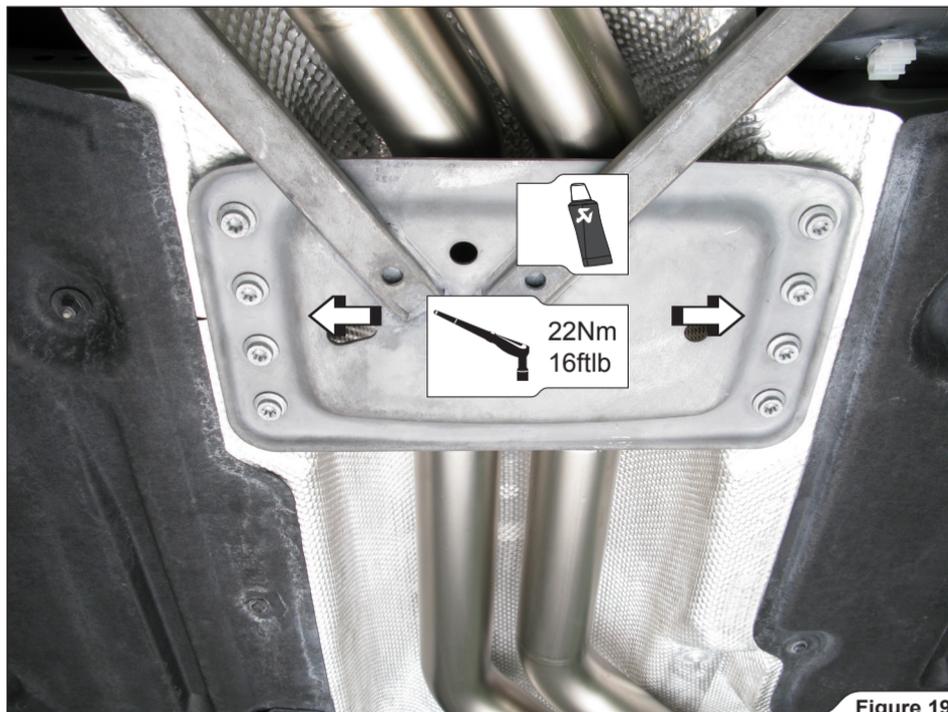


Figure 19

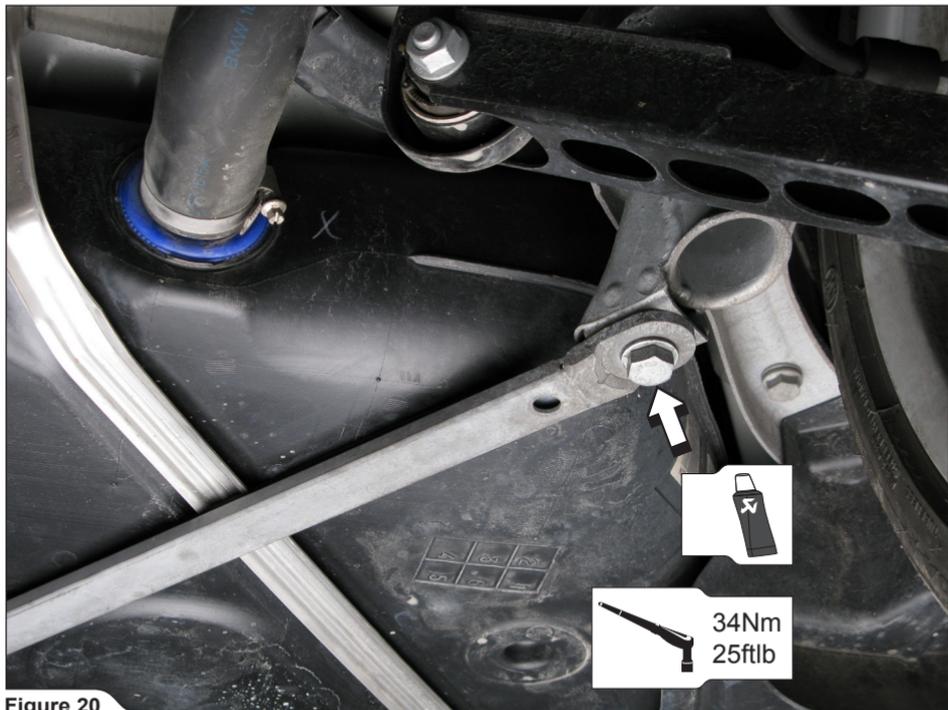


Figure 20

7. **For Slip-On and Evolution:** mark the inlet of the Akrapovič muffler (35mm) as shown, so you can correctly adjust the double clamp later (**Figure 21**).



Figure 21

8. **For Evolution:** assemble the clamps onto the inlets of the muffler, as shown (Figure 22).
! WARNING: use anti-seize copper paste on all clamp bolt threads!



Figure 22

9. **For Slip-On:** assemble the clamps and graphite gaskets onto the inlets of the muffler, as shown (Figure 23).

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

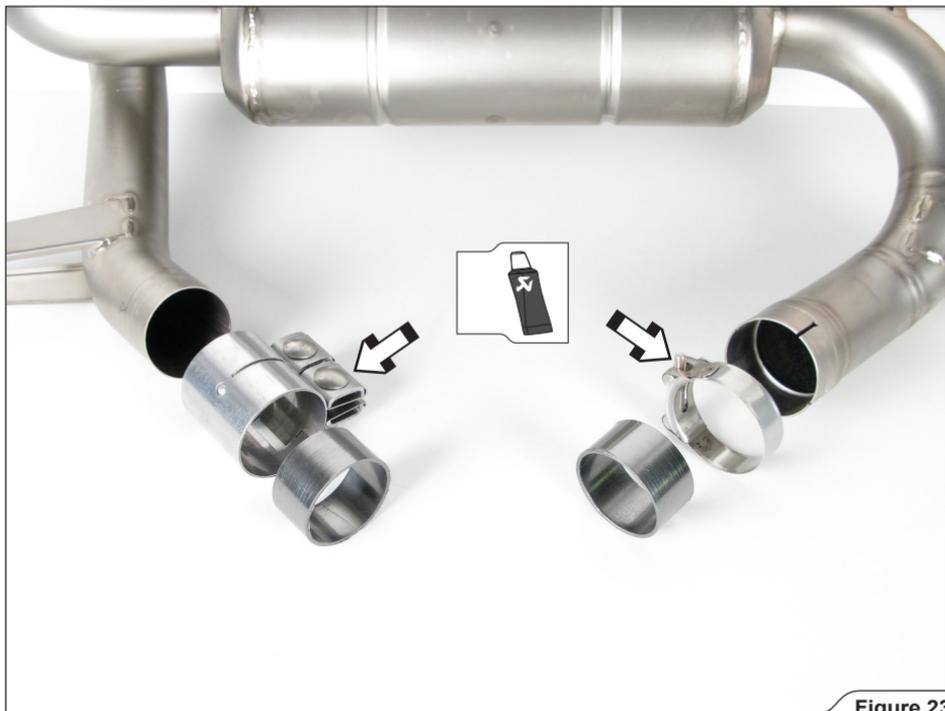


Figure 23

10. **For Slip-On and Evolution:** attach the stock rubber brackets to Akrapovič muffler as shown (Figure 24).

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

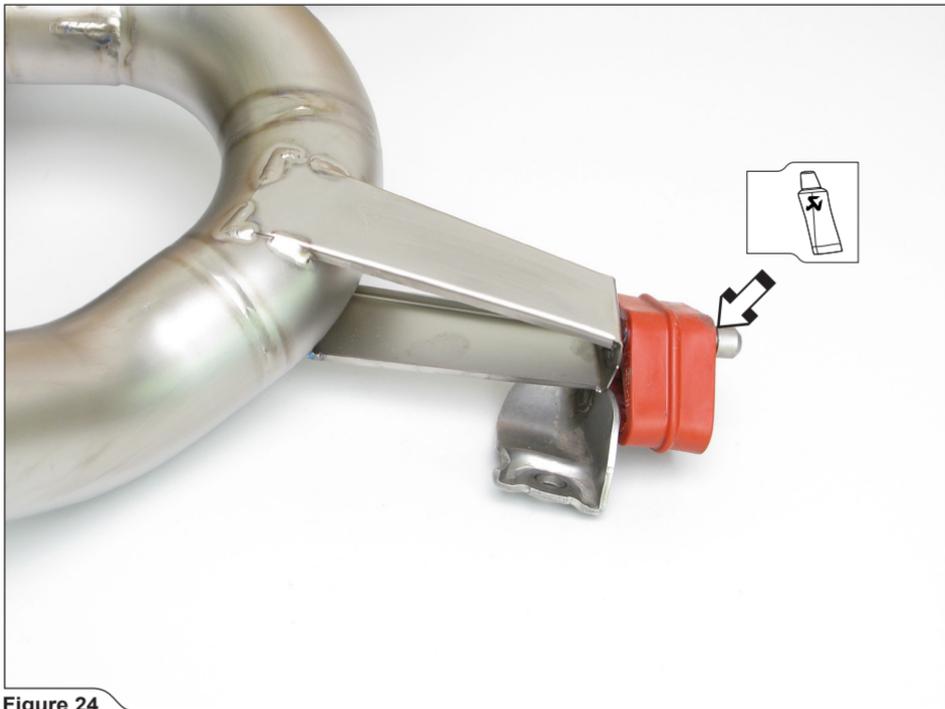


Figure 24

11. **For Slip-On and Evolution:** assemble the clamps and spherical rings onto the Tail Pipes (Figure 25).

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



Figure 25

12. For Slip-On and Evolution: hang the muffler on stock rubber brackets as shown (Figure 26).
✂ INSTALLATION TIP: for easier mounting, lubricate the stock rubber brackets.

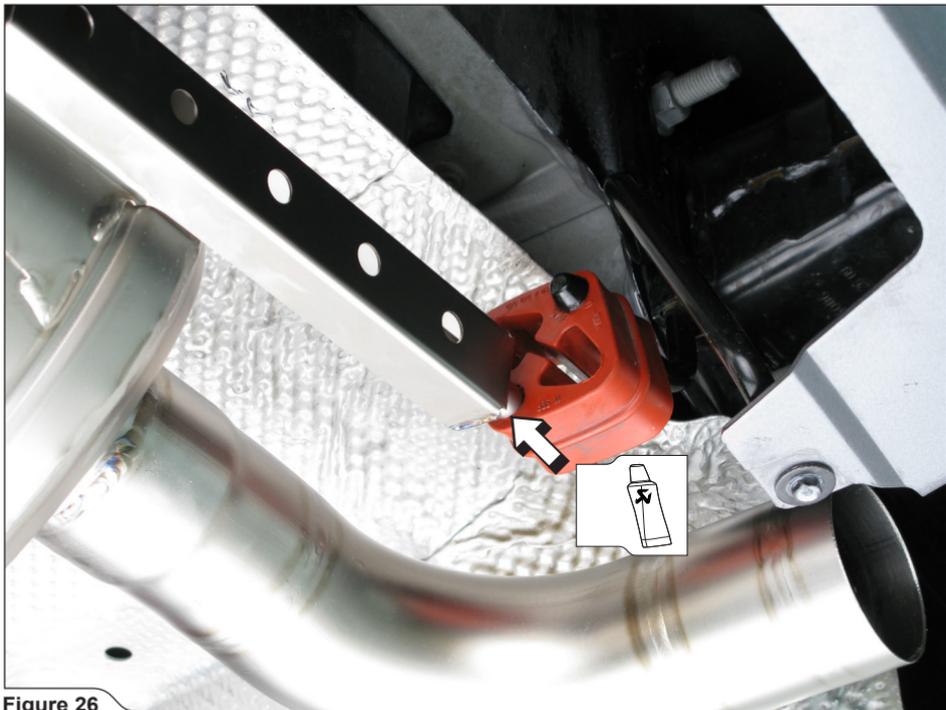


Figure 26

13. **For Slip-On and Evolution:** push the middle and muffler pipes on both sides together, slide and adjust the double clamp over the joint and tighten all clamps and stock rubber brackets to a specified torque (**Figure 27**).

! WARNING: use anti-seize copper paste on stock rubber bracket nut threads!

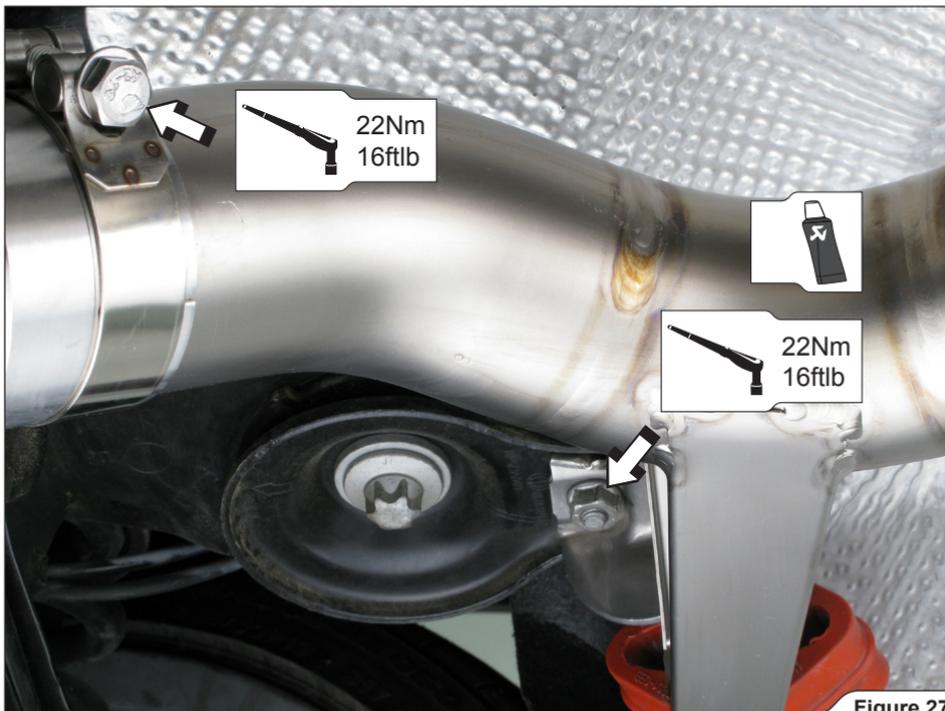


Figure 27

14. **For Evolution:** tighten to specified torques all bolts and nuts at stock down pipe - Akr. front pipes joint and Akr. front pipes' bracket (**Page 20, 21 ; Figure 13, 14**). Adjust the stock down pipe together with Akrapovič pipes so, that the pipes don't touch any part of the vehicle (**there should be at least 10mm gap at any point**), than tighten the stock down-pipes' bracket to a specified torque (**Figure 28**).

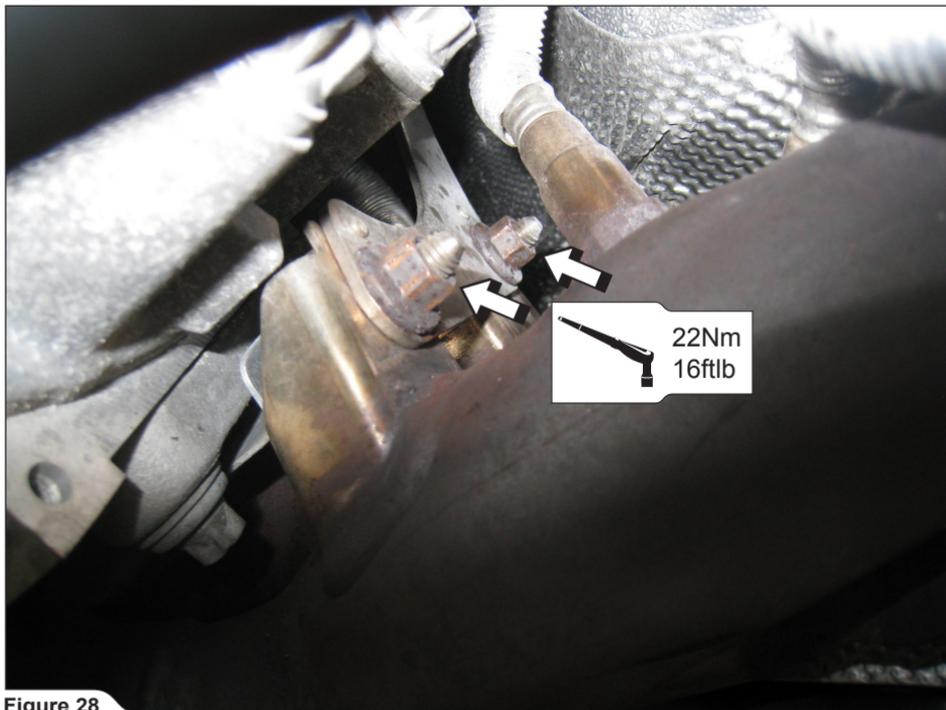


Figure 28

15. **For Slip-On and Evolution:** slide the Akrapovič Tail-Pipes onto the muffler outlets. Center them in respect to rear bumper as shown (**Figure 29**).

✚ INSTALLATION TIP: coat the interior of the inlet bushes of the Tail Pipes with ceramic grease (white tube).



Figure 29

16. **For Slip-On and Evolution:** tighten Tail Pipes' clamps to a specified torque on both sides of the vehicle. Install the plastic plug and plastic tie (supplied in the Akrapovič installation kit) into the vacuum cylinder tube and secure the tube as shown (**Figure 30**).

! **WARNING:** make sure that vacuum tube is secured in such a way that it doesn't touch any hot or moving part of the vehicle!



Figure 30

Final installation:

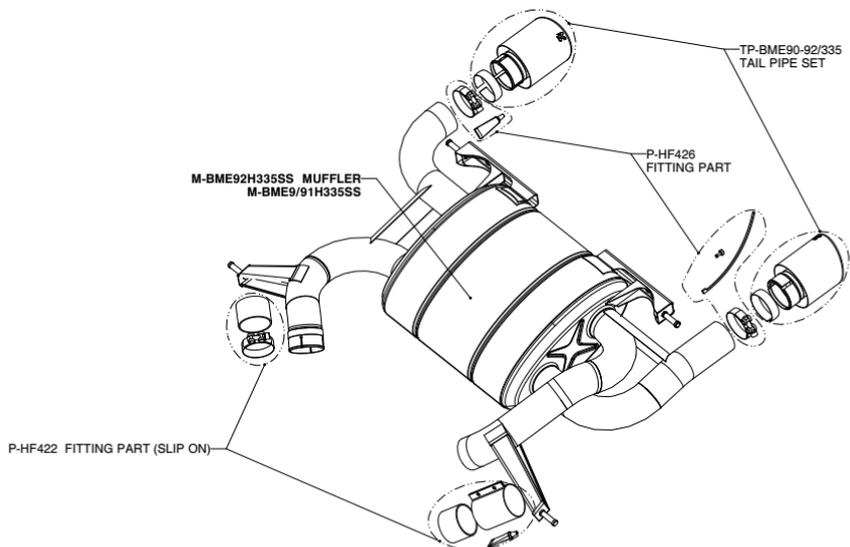
- ! **WARNING: check vehicle manufacturer manual for tightening torques (for dismounted stock parts)!**
- ! **WARNING: make sure all the nuts and bolts are sufficiently tightened. In case the exhaust system touches the cowl or other parts, repeat the adjustment of the exhaust system or contact your authorized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

MAINTENANCE OF THE AKRAPOVIČ EXHAUST SYSTEM

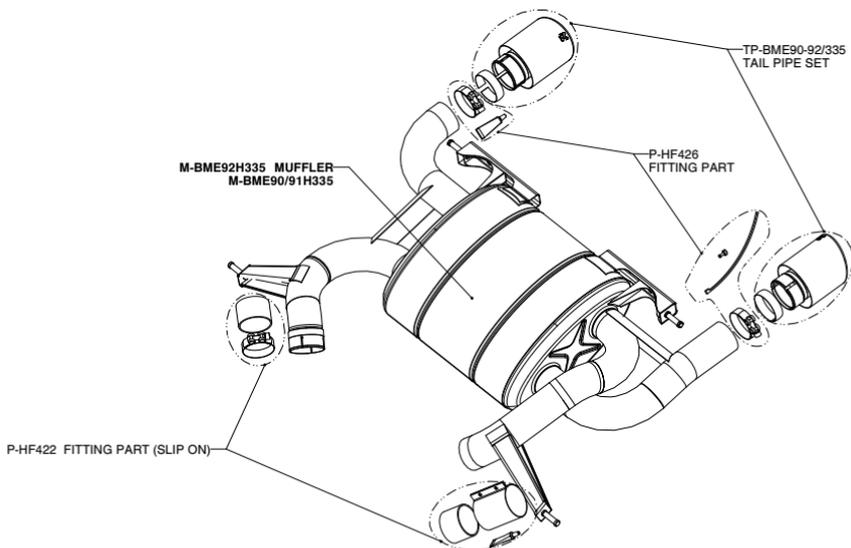
1. Clean the titanium exhaust components with a multi-purpose spray lubricant (WD-40 or equivalent), carbon fiber exhaust components with soft and dry cloth and stainless steel components with soft cloth sprayed with contact cleaner, then wipe with soft and dry cloth. A change in the color of the exhaust 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: the Akrapovič exhaust systems cannot be fitted with genuine BMW trailer tow hitch!**

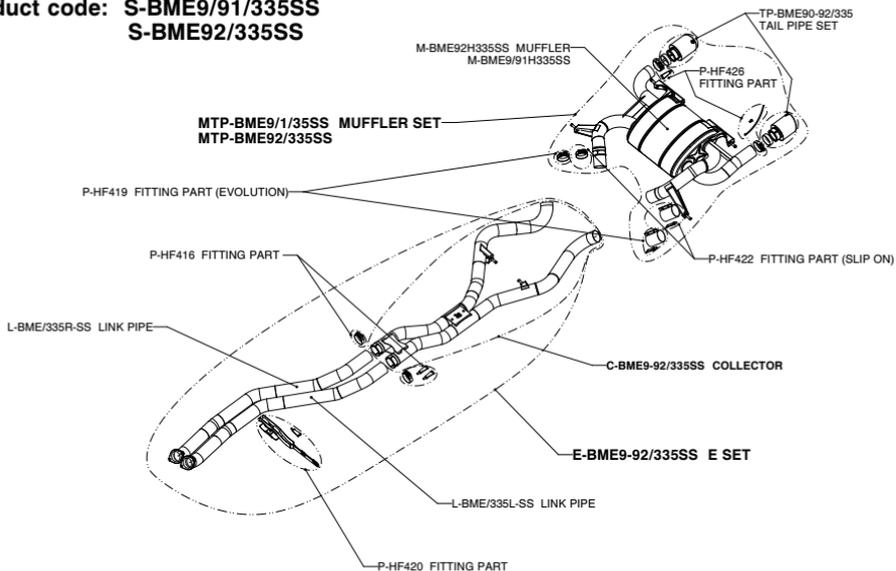
BMW 335i E90/E91/E92/ Stainless steel exhaust system/Slip on
Product code: MTP-BME9/1/35SS
MTP-BME92/335SS



BMW 335i E90/E91/E92/ Titanium exhaust system/Slip on
Product code: MTP-BME90/91/335
MTP-BME92/335



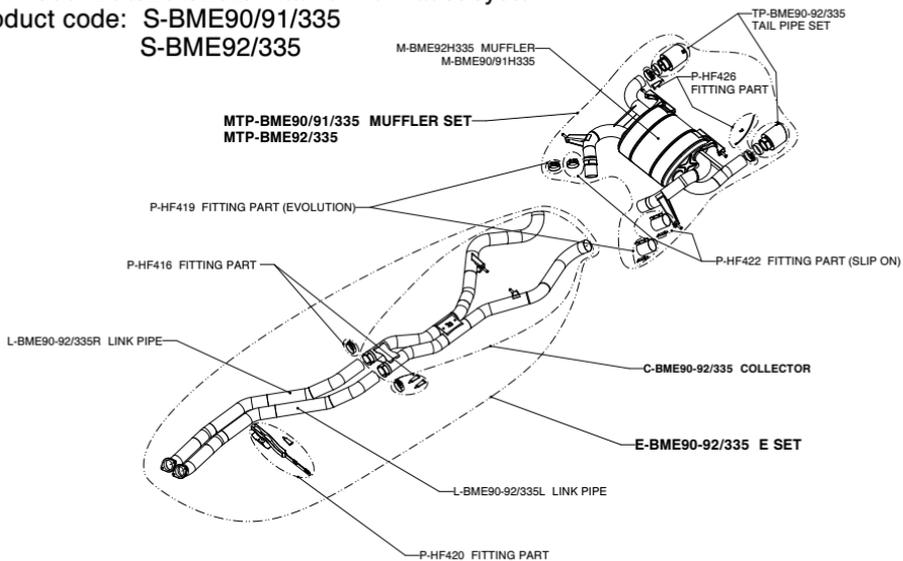
BMW 335i E90/E91/E92/ Stainless steel exhaust system
Product code: S-BME9/91/335SS
S-BME92/335SS



BMW 335i E90/E91/E92/ Titanium exhaust system

Product code: S-BME90/91/335

S-BME92/335



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