



Installation instructions

Akrapovič Exhaust Systems:

Slip-On and Evolution

for the

Mercedes-Benz C63 AMG 6.3 V8

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.”



Installation instructions

Akrapović Exhaust Systems:

Slip-On and Evolution

for the

Mercedes-Benz C63 AMG 6.3 V8

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

No part of the Akrapovič exhaust system or its documentation may be reproduced or distributed in any form or by any means without the prior written authorization of the Akrapovič company.

© Akrapovič, d.d. All rights reserved.

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 8mm wrench
T-handle 10mm wrench
T-handle 13mm wrench
Combination 13mm wrench
Combination 15mm wrench
Combination 22mm wrench
T-handle CTX50 wrench
Angle grinder or Jig saw



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 ORIGINAL 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. **For Slip-On only:** mark right muffler pipe **270mm** from the end of the bracket, as shown in figures. Cut the pipe, using angle grinder, jig saw or equivalent (**Figure 1, 2**).

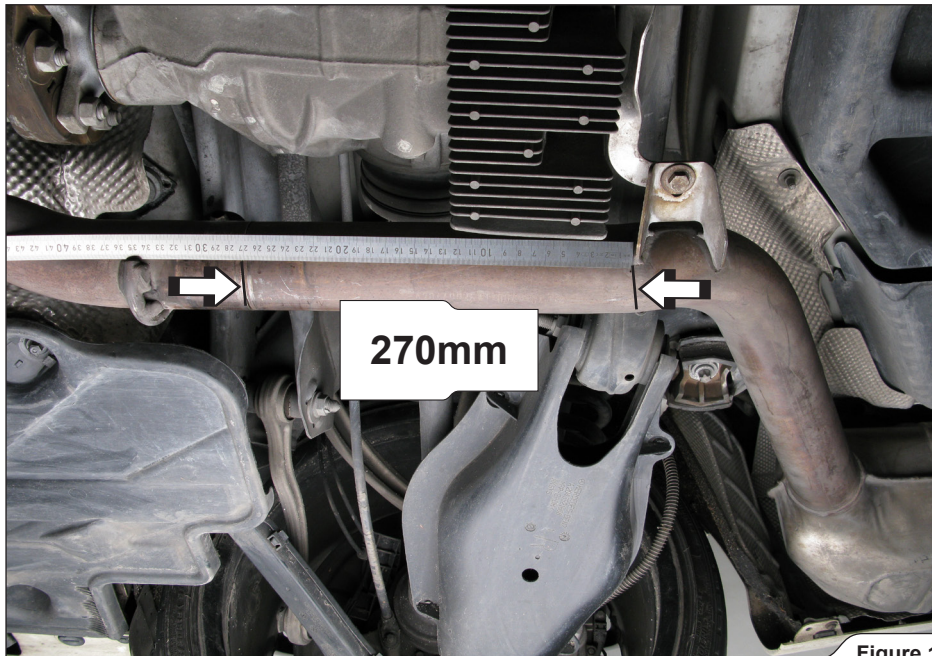


Figure 1

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

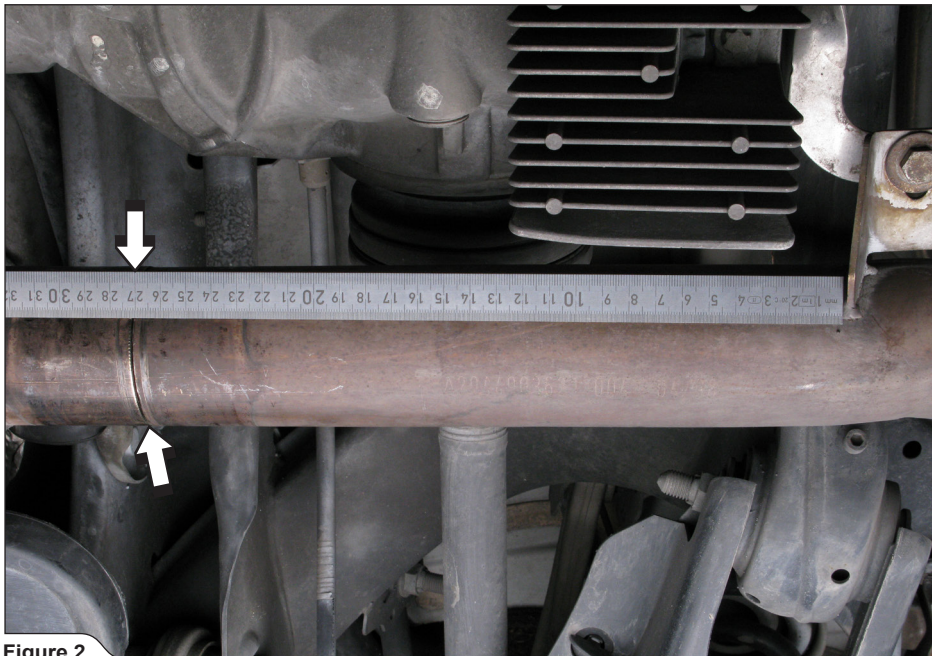


Figure 2

2. **For Slip-On and Evolution:** unscrew the mufflers' connection bracket and left pipes' spherical clamp (Figure 3).

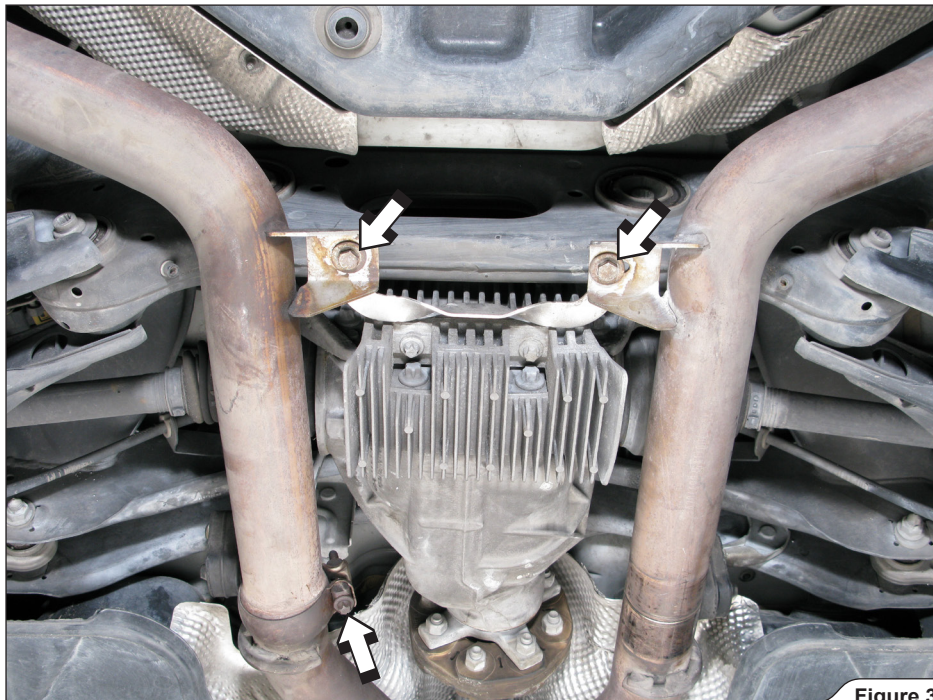


Figure 3

3. **For Slip-On only:** carefully pull the rubber brackets off the muffler on both sides of the vehicle and remove both mufflers (**Figure 4**).

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

 **INSTALLATION TIP:** for easier dismounting, lubricate the original rubber brackets.

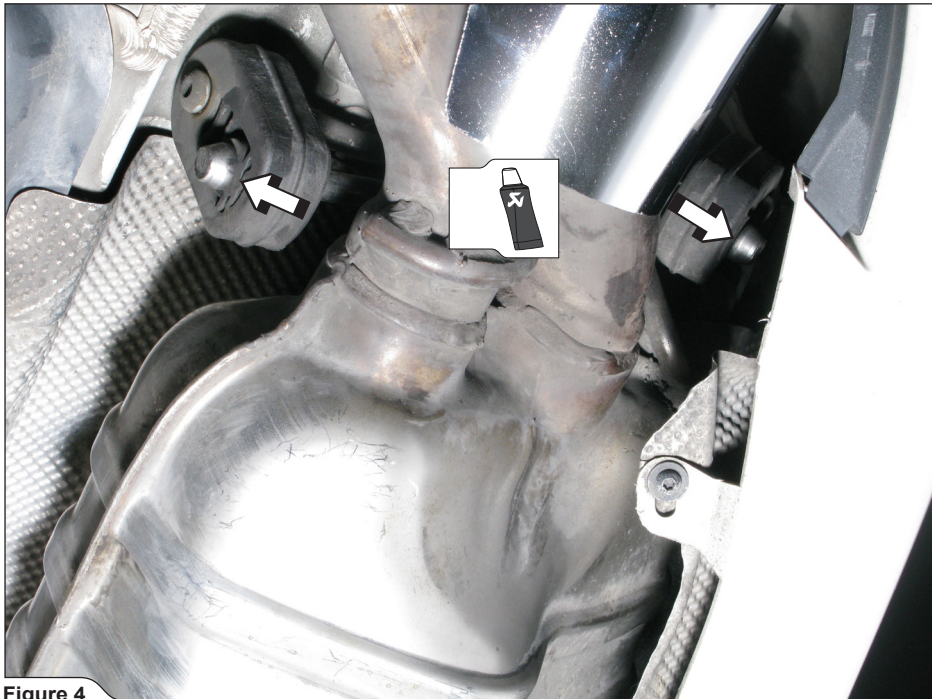


Figure 4

4. **For Evolution only:** unscrew the marked bolts and nuts of chassis panels on both sides of the vehicle (**Figure 5**).

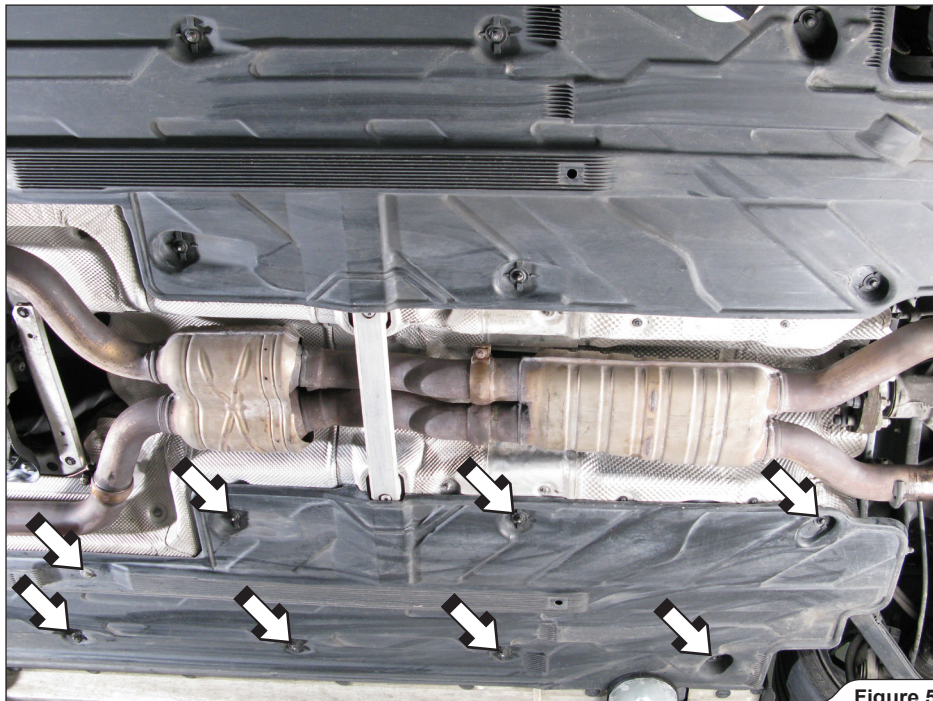


Figure 5

5. **For Evolution only:** unscrew marked bolts and nuts. Remove the engine panel off the vehicle (Figure 6).

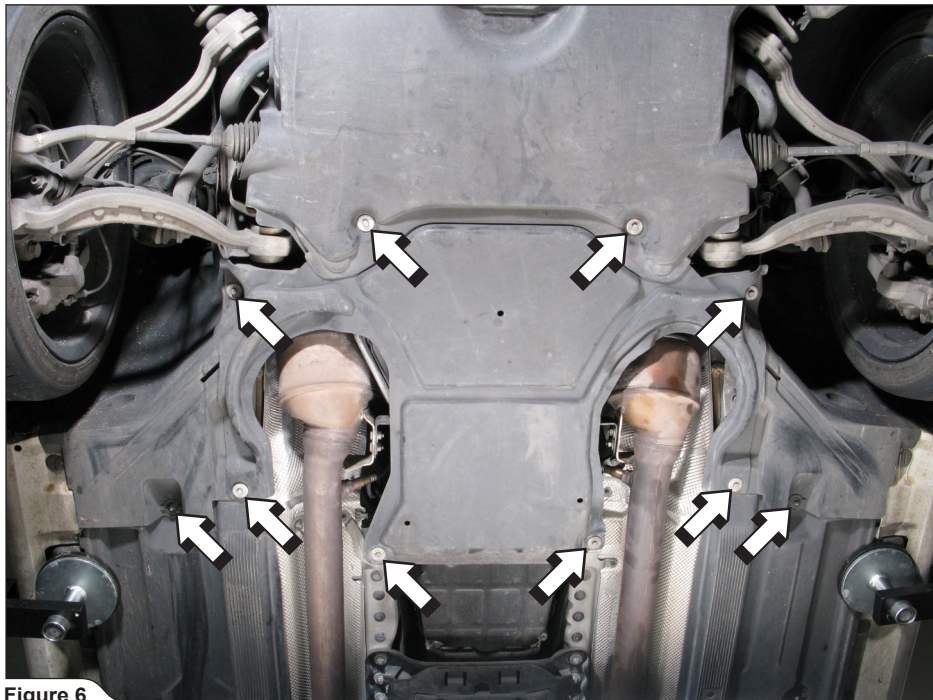


Figure 6

6. **For Evolution only:** carefully bent the chassis panels out of the way and unscrew the marked bolts. Remove the chassis reinforcement off the vehicle (**Figure 7**).
- ! **WARNING:** make sure, that you don't injure yourself or damage any part of the vehicle during this procedure!

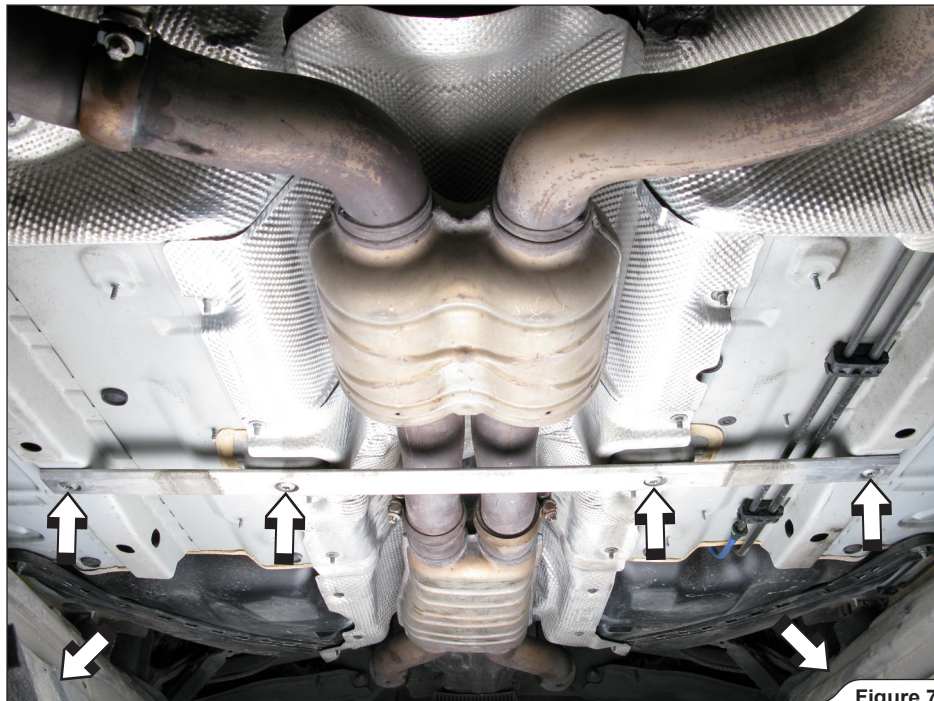


Figure 7

7. **For Evolution only:** unscrew the marked spherical clamps and pull the rubber brackets off the pipes (**Figure 8**).

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

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

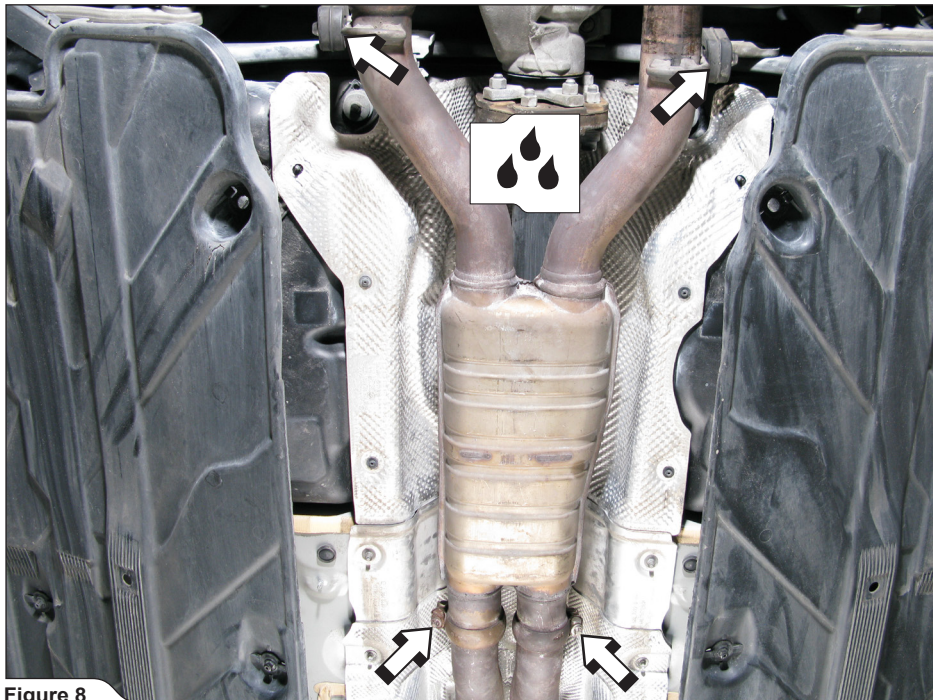


Figure 8

8. **For Evolution only:** carefully pull the rubber brackets off the muffler on both sides of the vehicle and remove the mufflers with pipes off the vehicle (**Figure 9**).

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

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

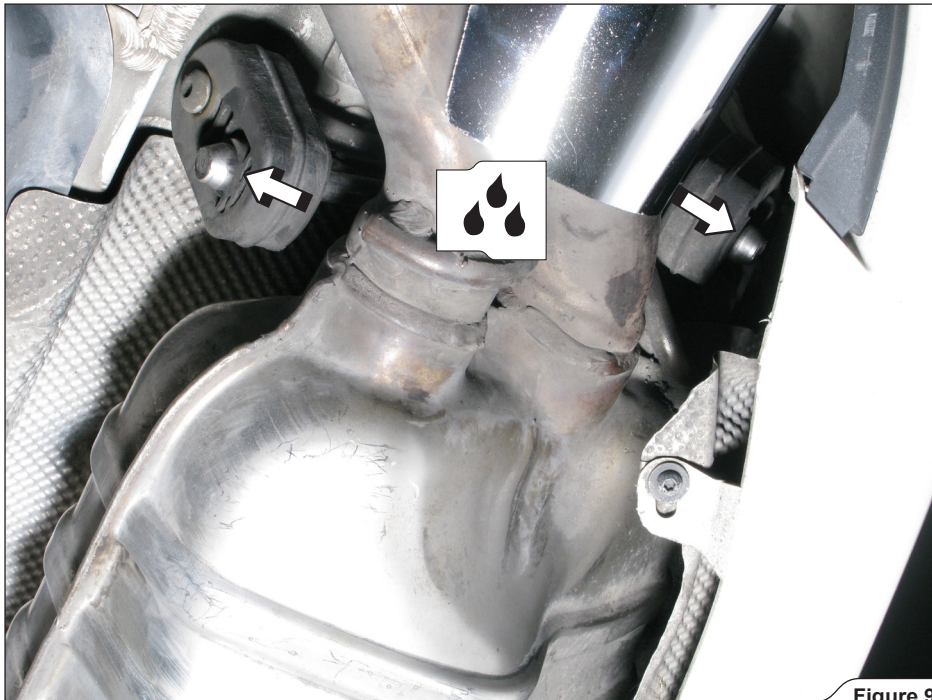


Figure 9

9. **For Evolution only:** mark left down pipe **550mm** from the end of the bracket, as shown. Cut the pipe, using angle grinder, jig saw or equivalent (**Figure 10**).
- ! **WARNING:** make sure, that you support the original exhaust during this procedure or you could injure yourself or damage the vehicle!
- ! **WARNING:** make sure, that you don't injure yourself or damage any part of the vehicle during cutting procedure! Use personal protection equipment!

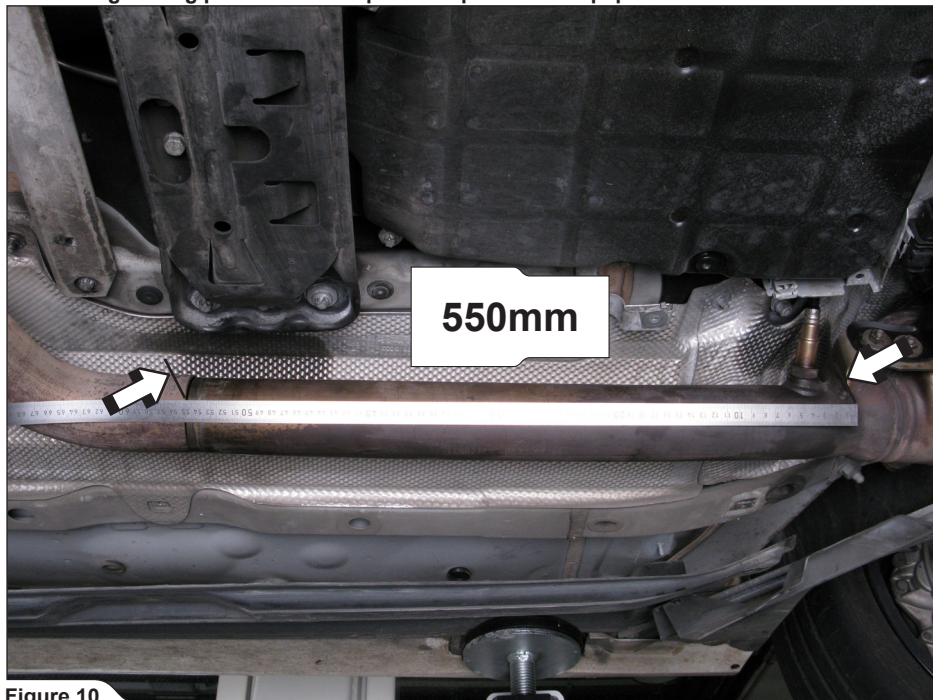


Figure 10

10. **For Evolution only:** unscrew the marked spherical clamp and remove the front pipes off the vehicle (Figure 11).

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

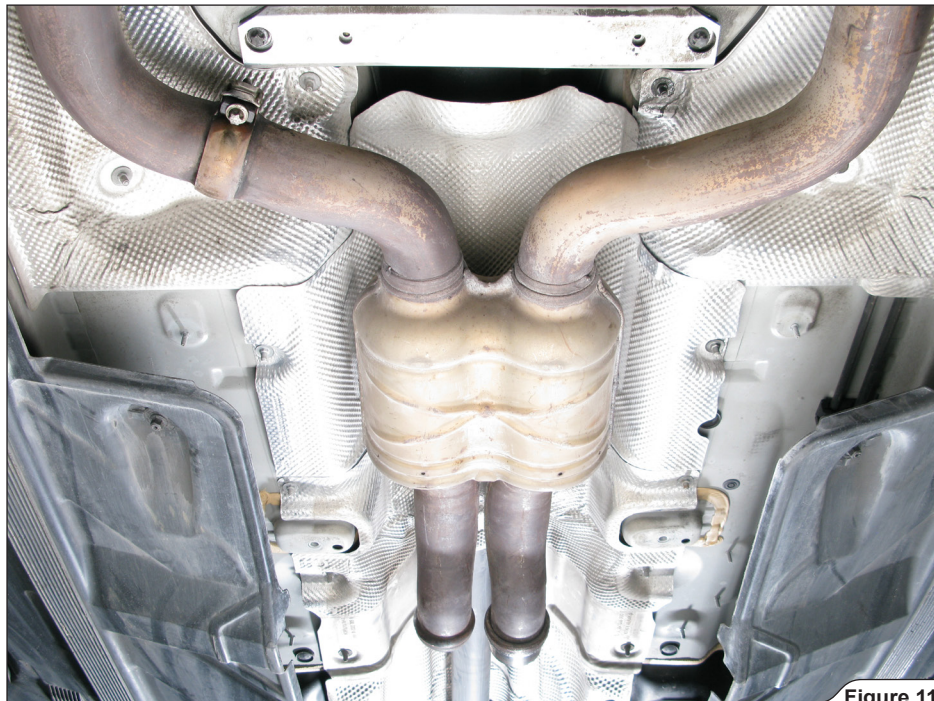


Figure 11

11. **For Evolution only:** loosen the down pipes' flange bolts and brackets' nuts on both sides of the engine, so the down pipes can be adjusted after Akrapovič pipes installation (**Figure 12**).
- ! **WARNING:** do not fully unscrew the bolts or nuts! Only loosen them enough, that down pipes can be adjusted!

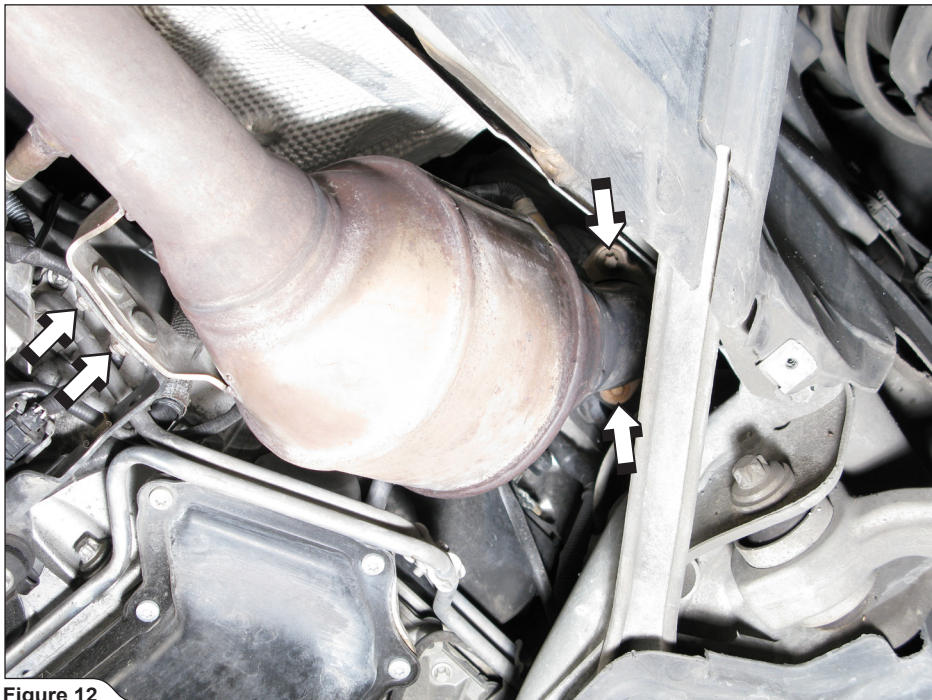


Figure 12

INSTALLATION OF THE AKRAPOVIČ EXHAUST SYSTEMS:

1. **For Evolution only:** attach the metal clamp to Akrapović middle pipes as shown (Figure 13).
! WARNING: use anti-seize copper paste on clamp bolt threads!

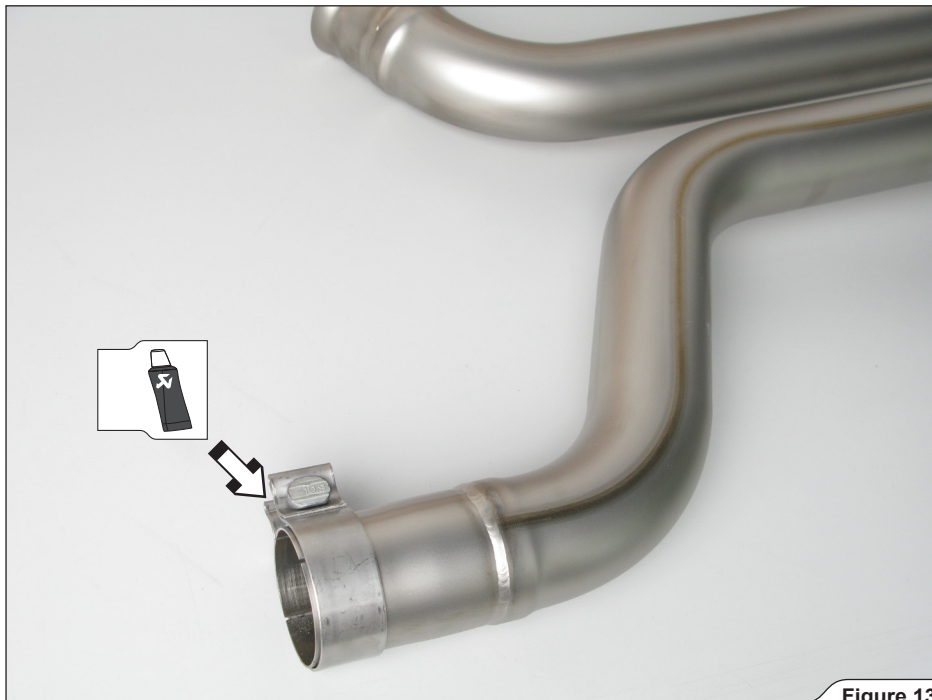


Figure 13

2. **For Evolution only:** attach the middle pipes onto the original down pipes and **hand** tighten the stock spherical clamp and Akrapovič clamp (**Figure 14**).

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

! **WARNING:** do not fully tighten the clamps yet!

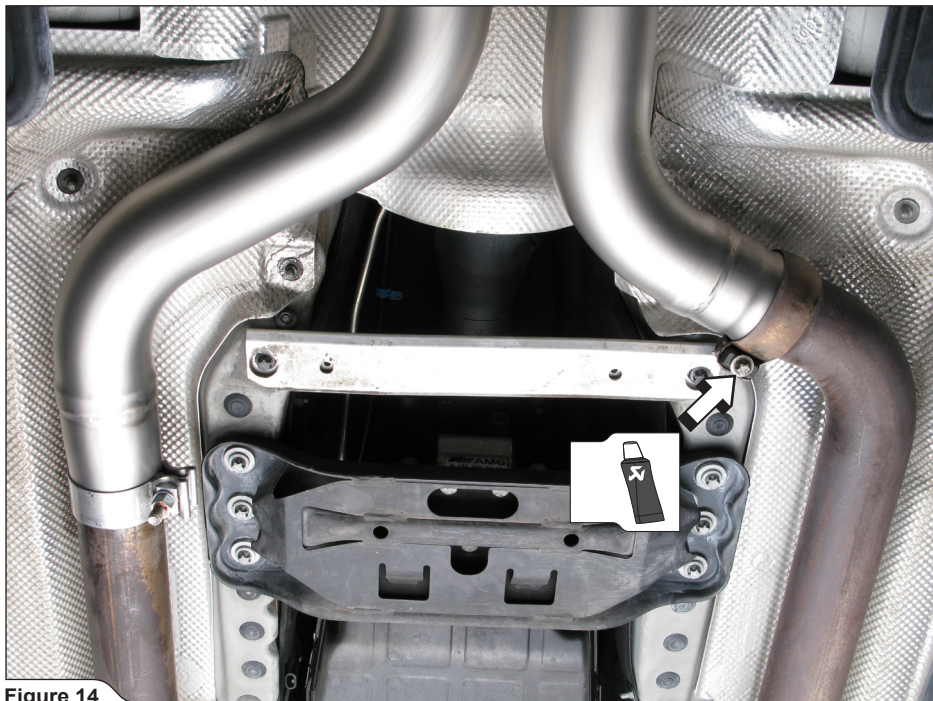


Figure 14

3. **For Evolution only:** hang the middle pipes onto original rubber brackets (**Figure 15**).

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

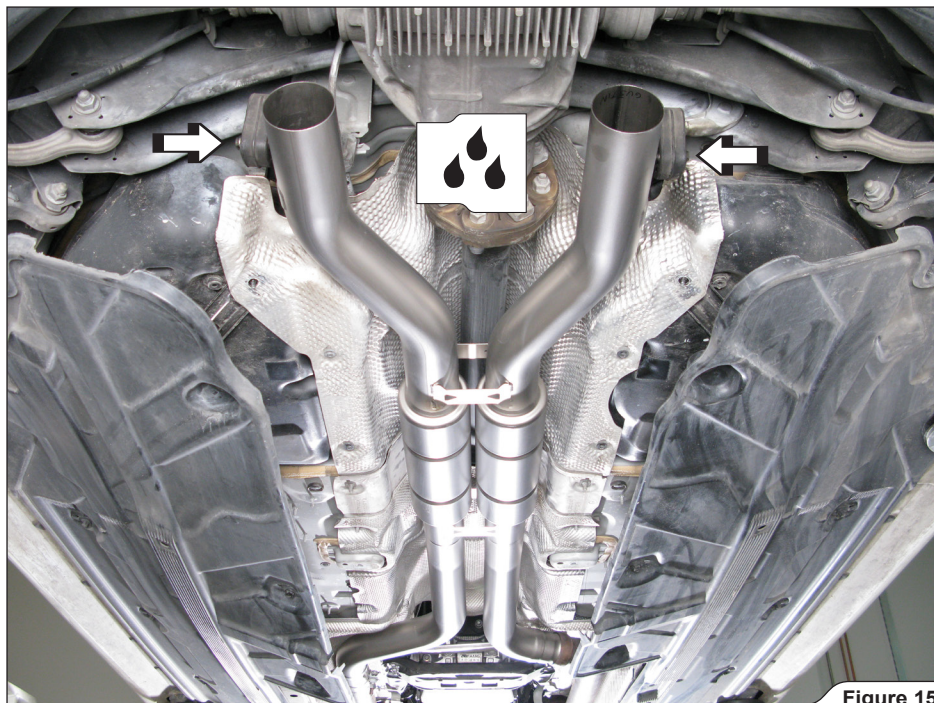


Figure 15

4. **For Evolution only:** reattach the chassis reinforcement (**Figure 16**).

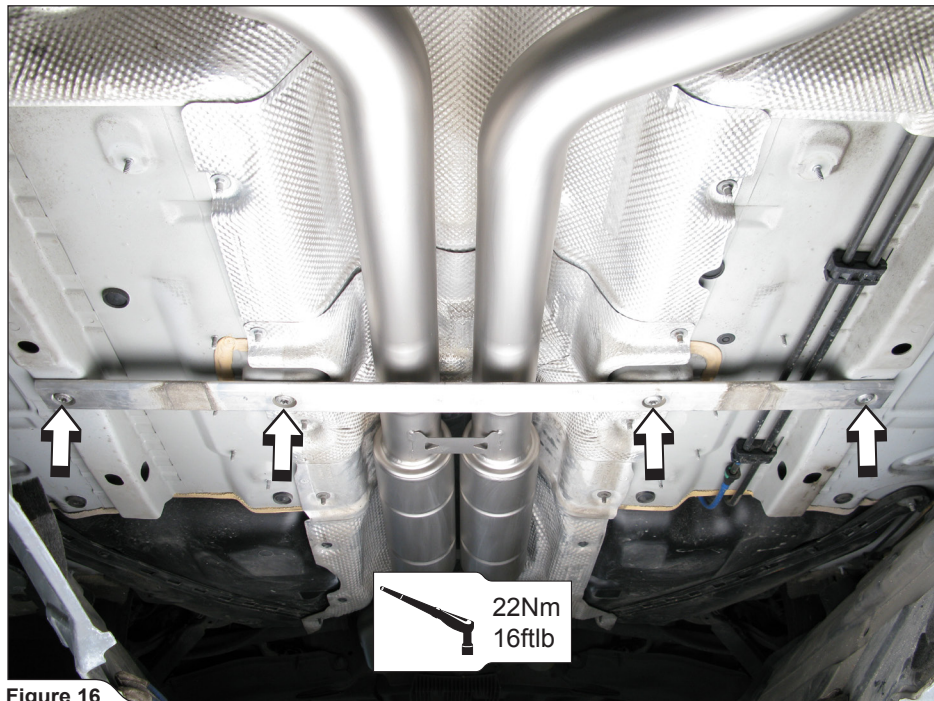


Figure 16

5. **For Evolution only:** set and center the original down pipes and Akrapovič middle pipes (make sure, that all pipes are in center and don't touch any part of the vehicle!), than tighten the flanges, brackets and clamps to a specified torques (**Figure 17, 18**).

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

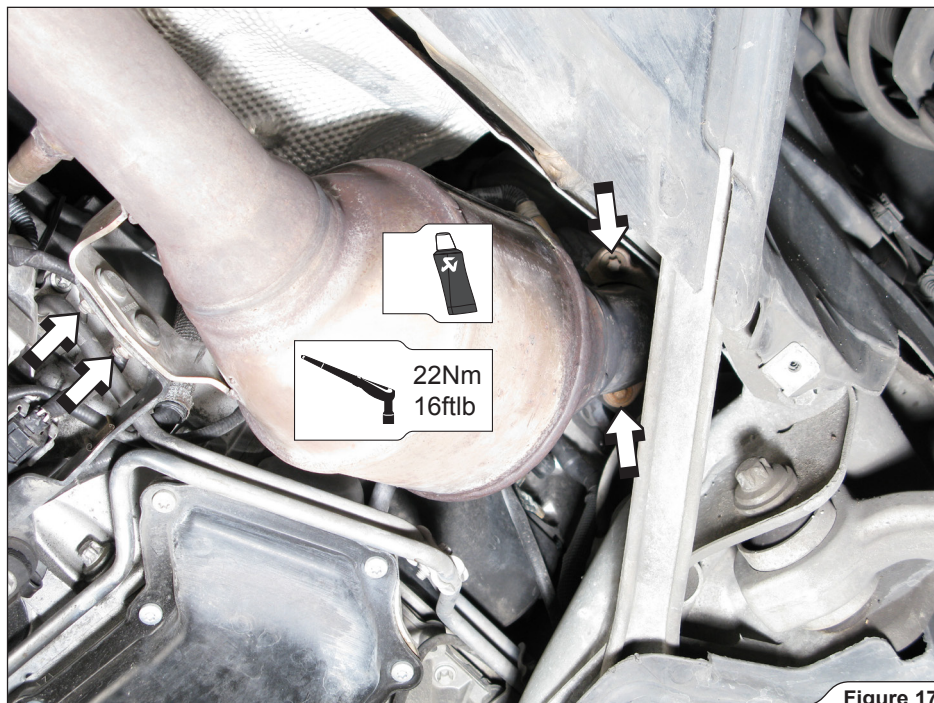


Figure 17

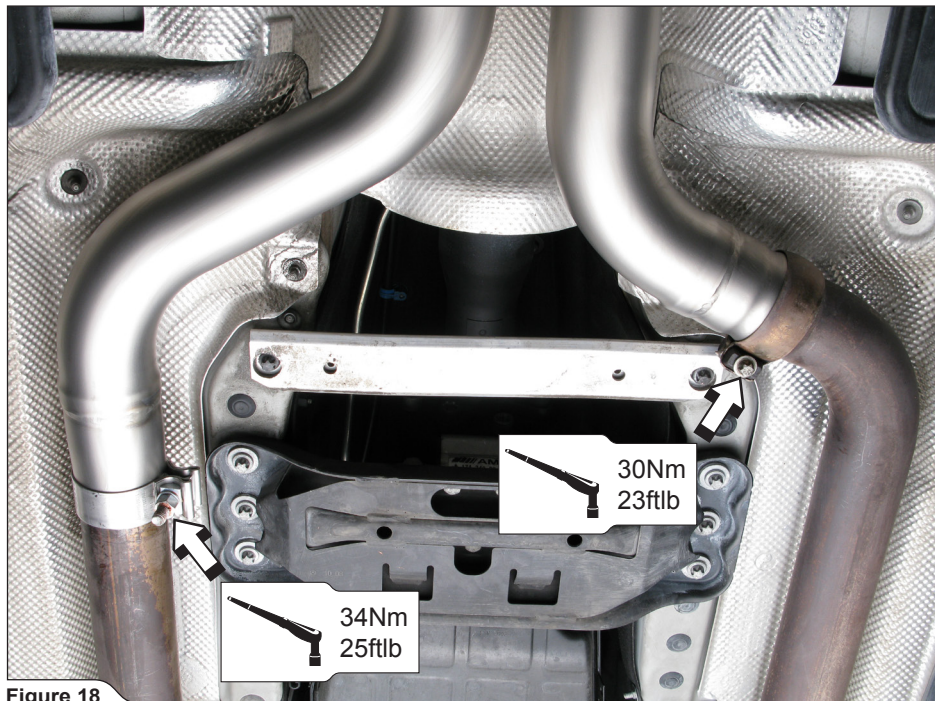


Figure 18

6. **For Evolution only:** reinstall the chassis and engine panels (**Figure 19, 20**).

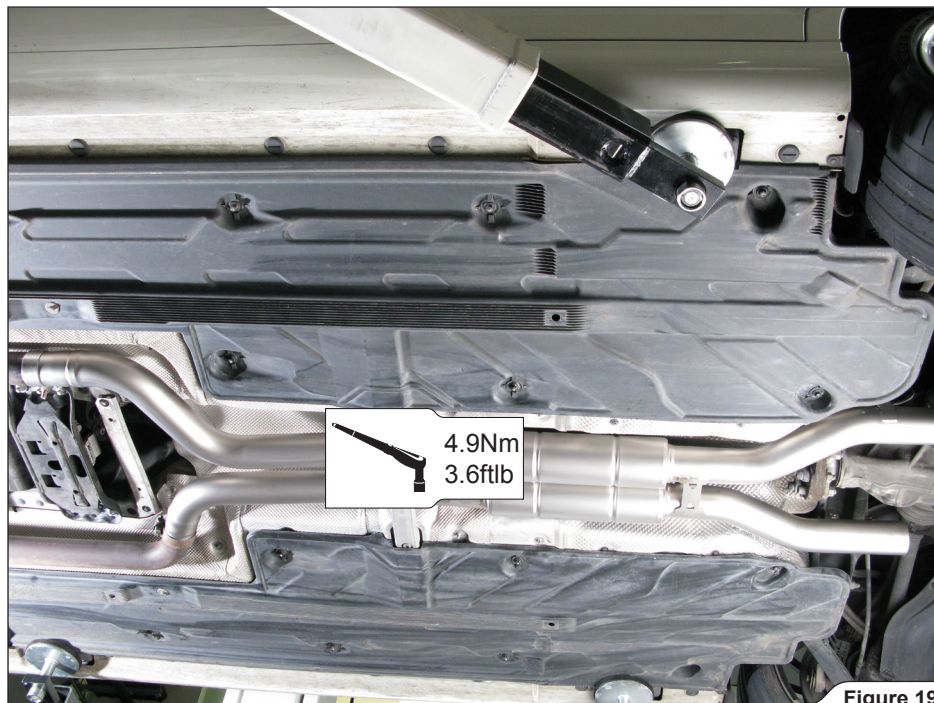


Figure 19

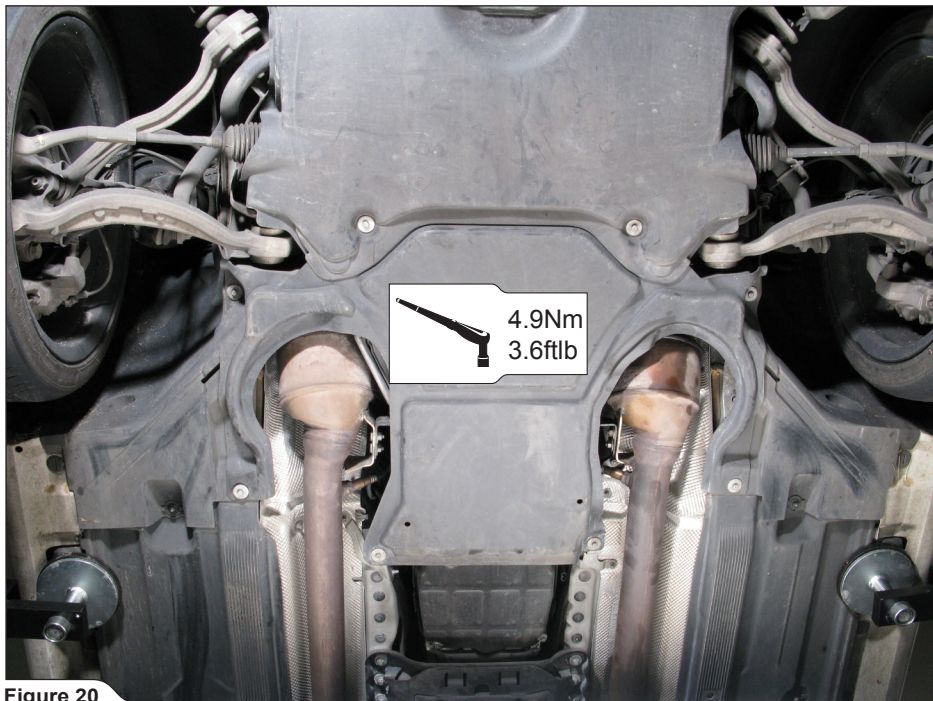


Figure 20

7. **For Evolution only:** assemble the clamps onto the inlets of the muffler pipes, as shown (Left muffler: figure 21; Right muffler: figure 22).

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

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



Figure 21

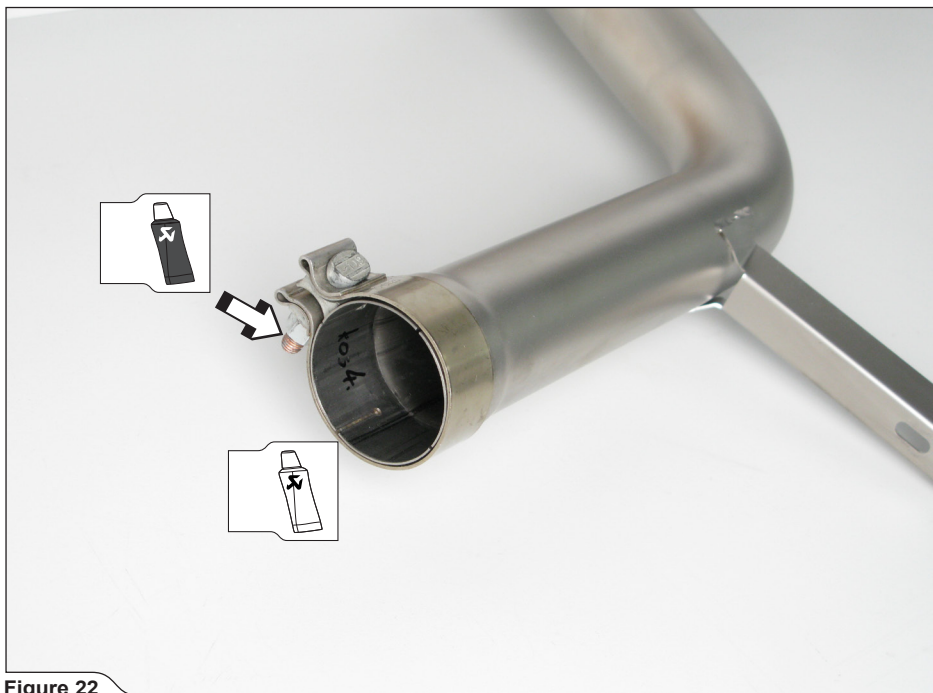


Figure 22

8. **For Slip-on only:** assemble the clamps and adapters onto the inlets of the muffler pipes, as shown (**Left muffler: figure 23; Right muffler: figure 24**).

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



Figure 23

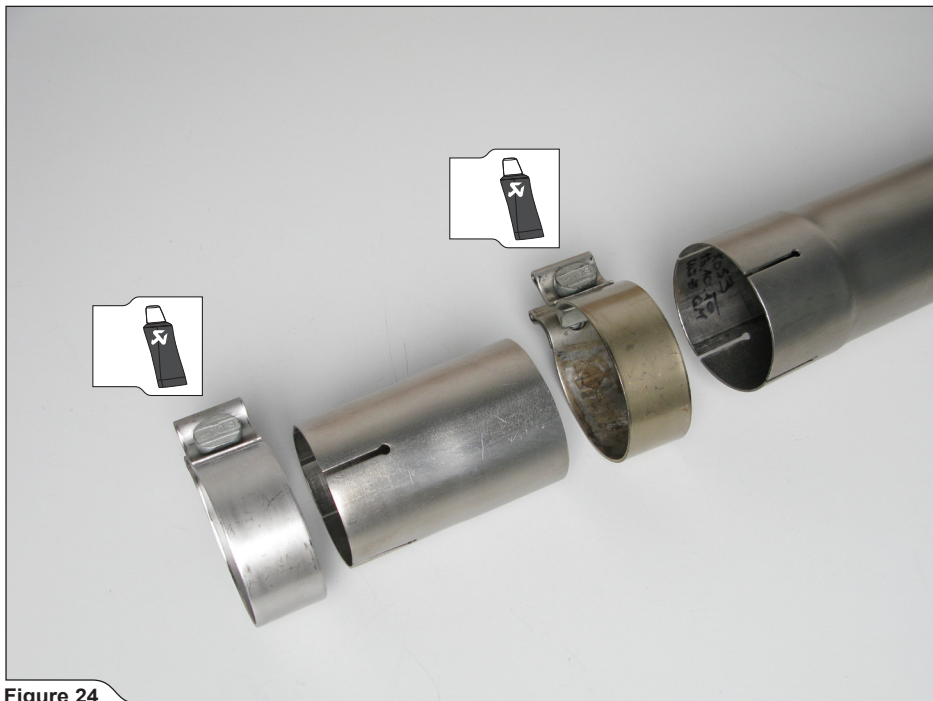


Figure 24

9. **For Evolution only:** slide the right muffler pipe onto the right middle pipe first, then slide the left one onto the left and hand tighten the clamps (**Figure 25**).

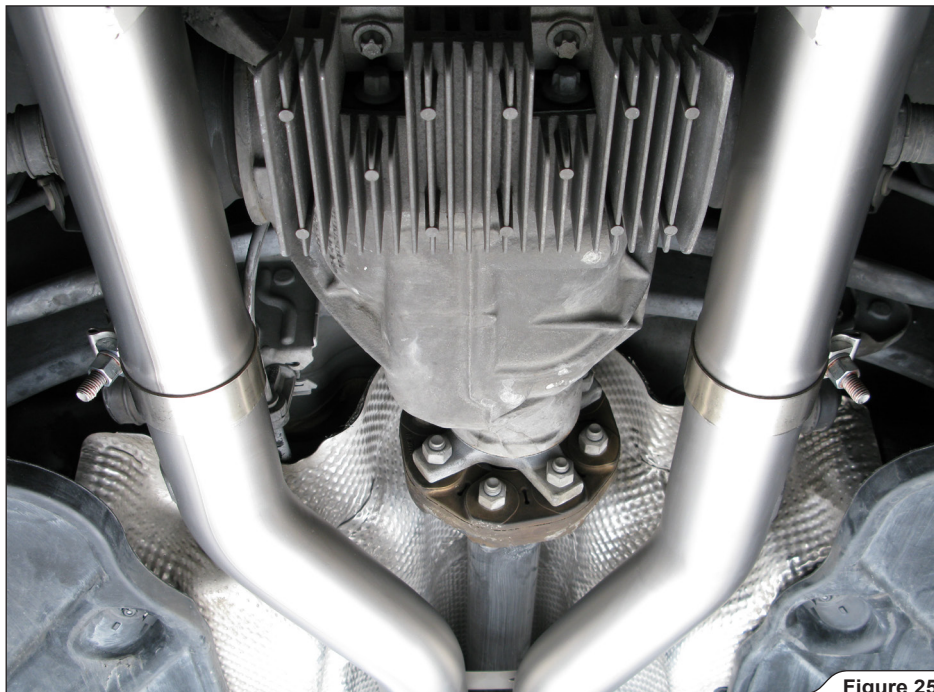


Figure 25

10. **For Slip-On only:** slide the right muffler pipe onto the original right middle pipe first, then slide the left one onto the left and hand tighten all clamps (**Figure 26**).

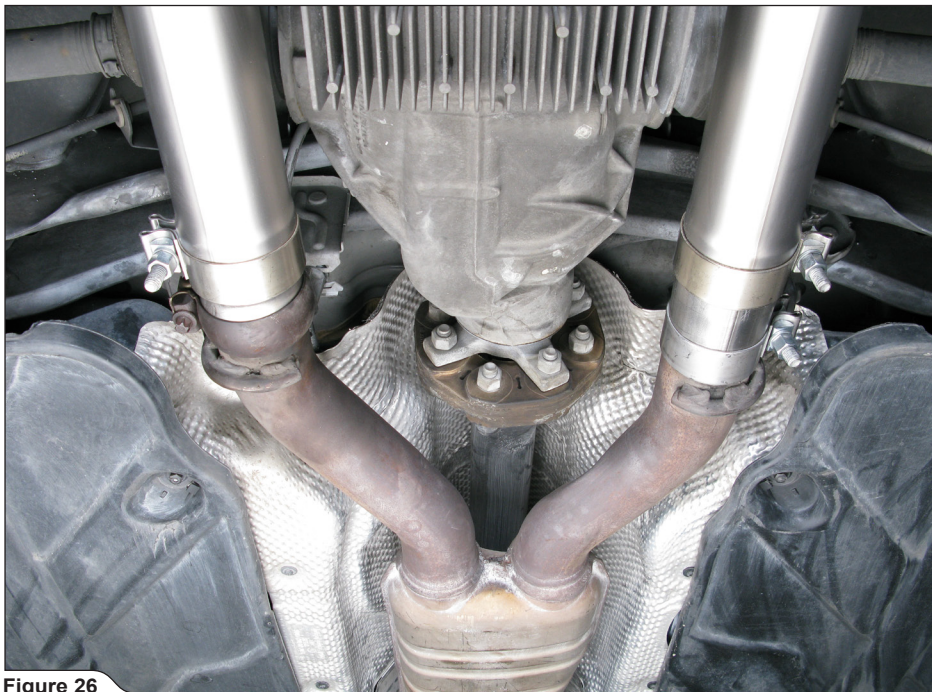


Figure 26

11. **For Slip-On and Evolution:** hang the mufflers on the stock rubber brackets (**Figure 27, 28**).
✂ **INSTALLATION TIP:** for easier mounting, lubricate the rubber brackets (WD40).

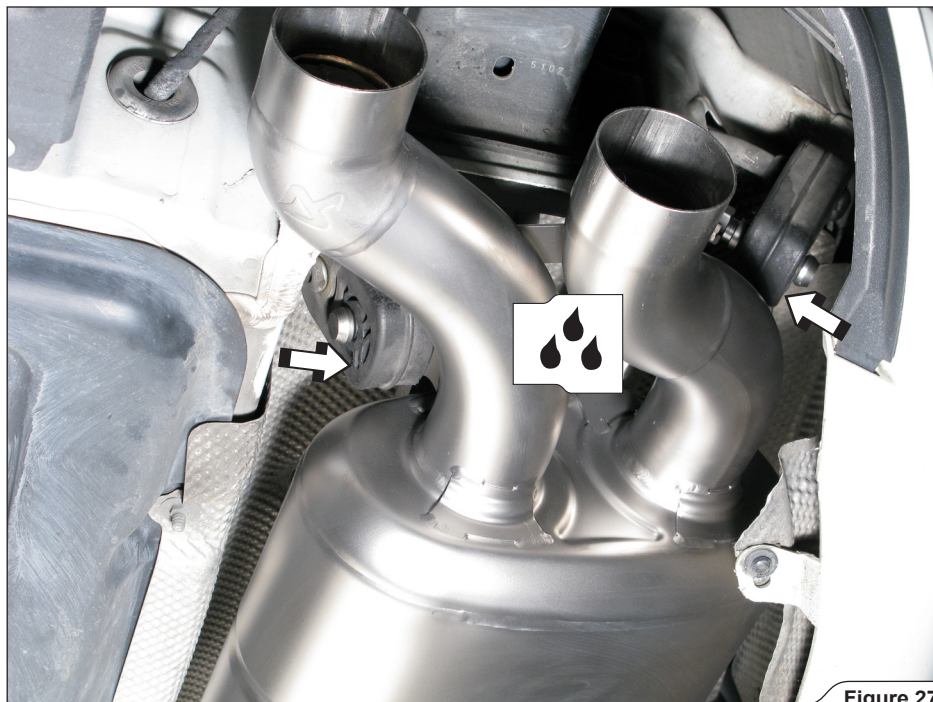


Figure 27

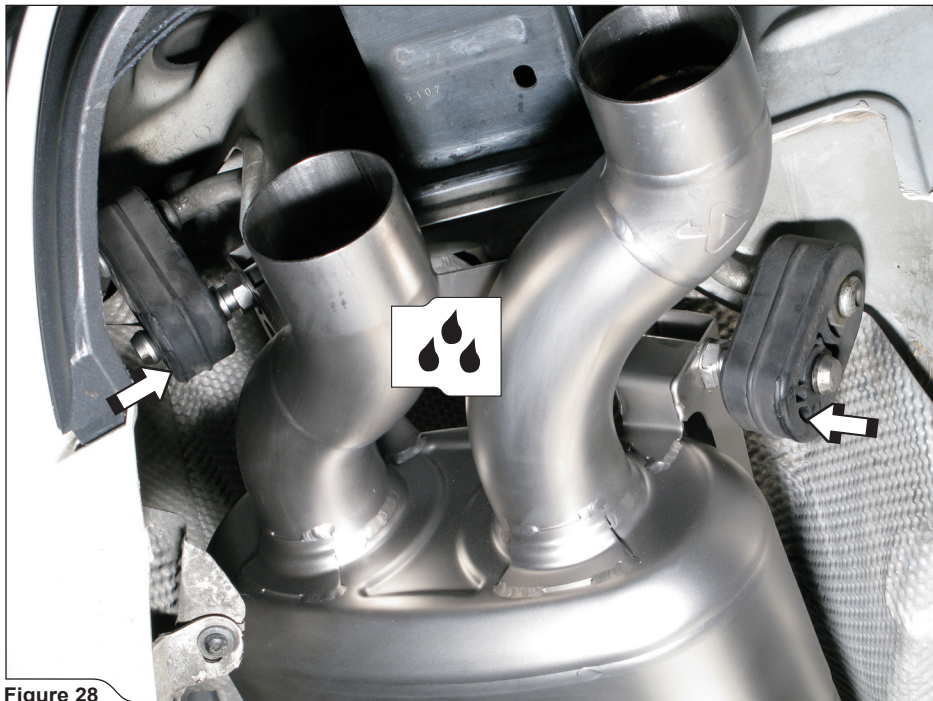


Figure 28

12. **For Evolution only:** set and center the mufflers and tighten the muffler connection (using bolt and nut from installation kit). Push the middle and muffler pipes together, adjust the clamps and tighten them to a specified torques (**Figure 29**).

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

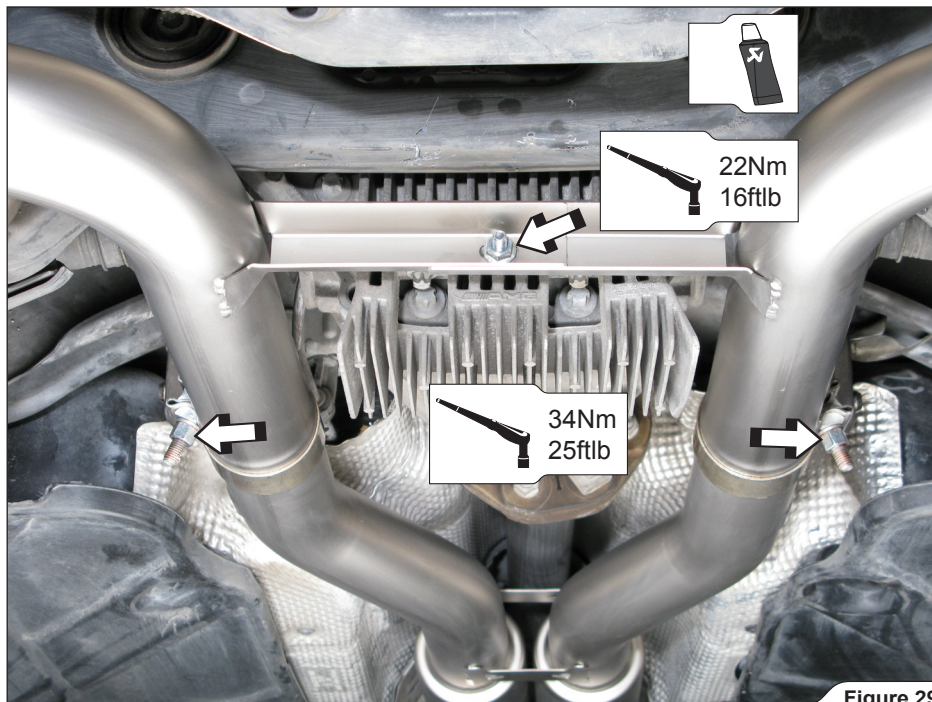


Figure 29

13. **For Slip-On only:** set and center the mufflers and tighten the muffler connection (using bolt and nut from installation kit). Push the middle and muffler pipes together, adjust the clamps and tighten them to a specified torques (**Figure 30**).

! **WARNING:** use anti-seize copper paste on muffler connection bolt and original clamp bolt threads!

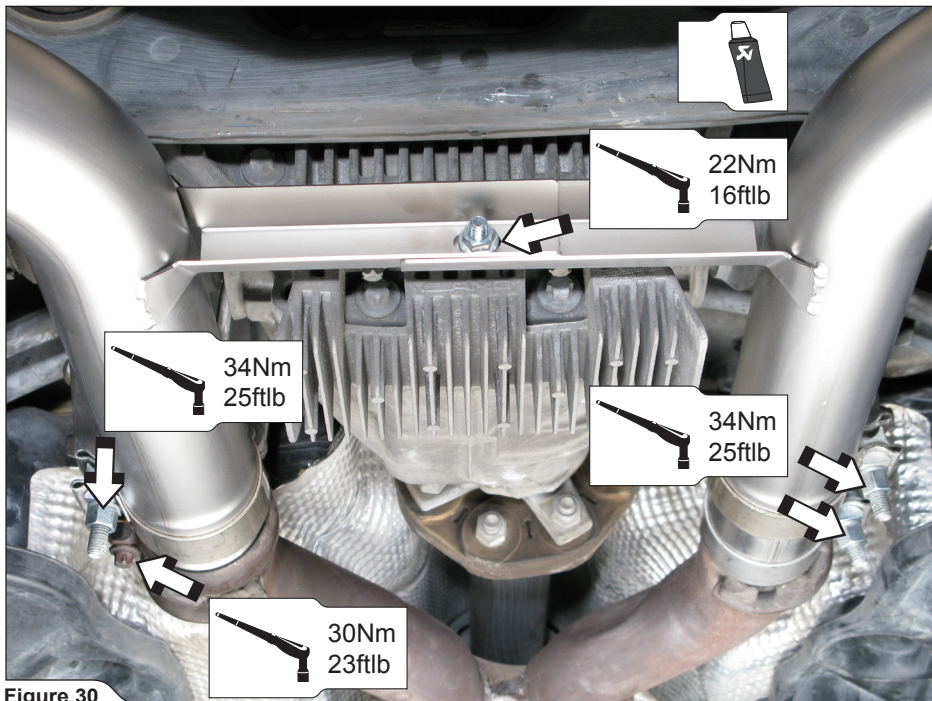


Figure 30

14. **For Slip-On and Evolution:** assemble the Tail Pipes with spherical rings and clamps, as shown (Figure 31).

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



Figure 31

15. **For Slip-On and Evolution:** slide the Tail-Pipes onto the muffler outlets, on both sides of the vehicle. Center them in respect to rear bumper as shown (**Figure 32**).



Figure 32

16. **For Slip-On and Evolution:** tighten Tail Pipes' clamps to a specified torque, on both sides of the vehicle (**Figure 33**).

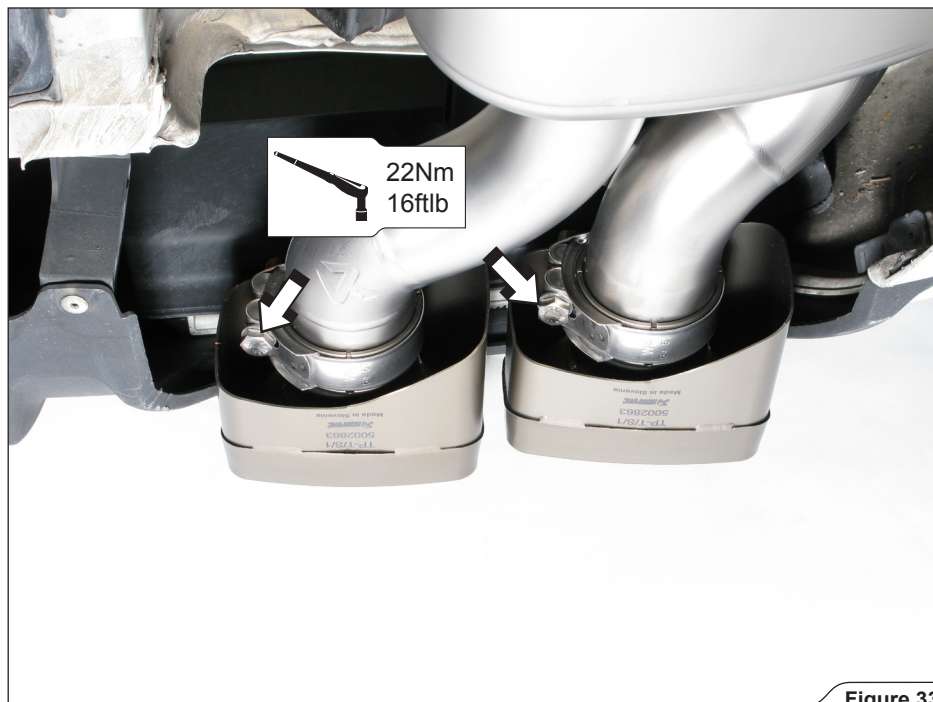


Figure 33

Final installation:

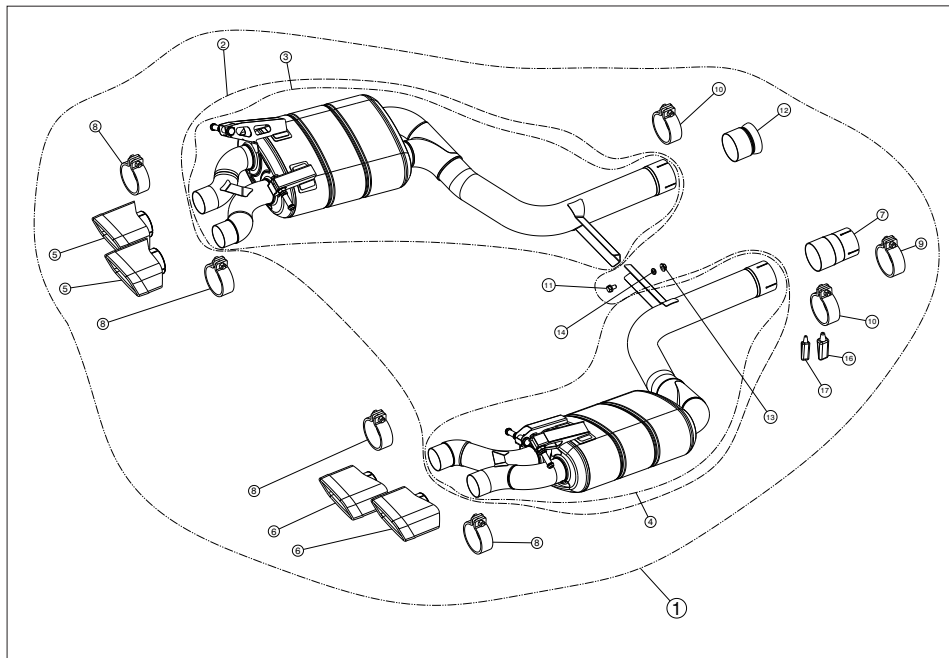
- ! **WARNING:** check vehicle manufacturer manual for tightening torques (for dismantled original parts)!
- ! **WARNING:** make sure all the nuts and bolts are sufficiently tightened. In case the exhaust system touches the cowl or other parts, repeat the adjustment of the exhaust system or contact your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

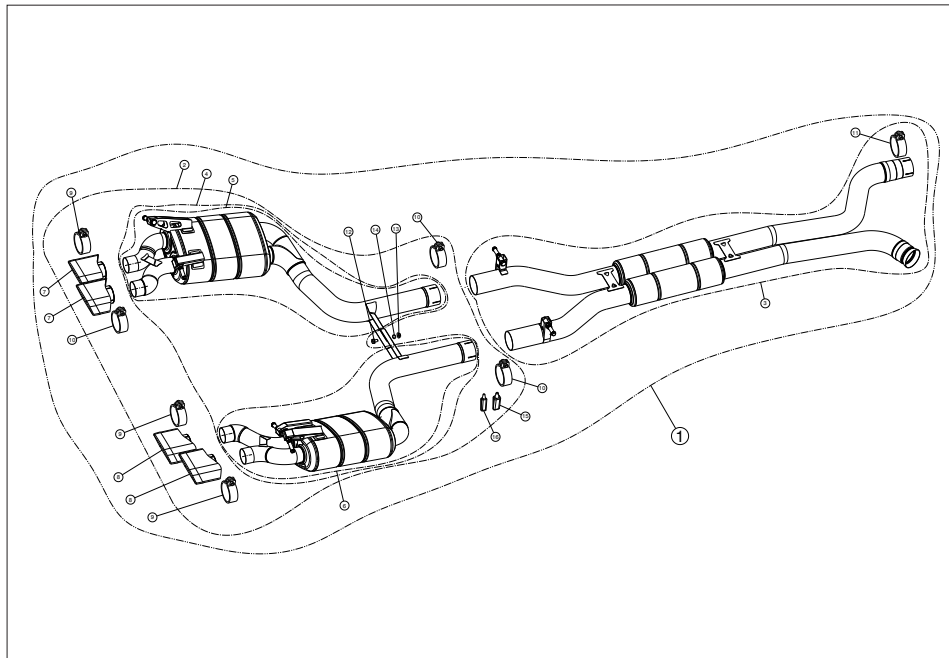
Schematic



Spare parts table

No.	SALES CODE	DESCRIPTION	QTY.
1	MTP-MEW204AMGH	Slip on	1
2	M-MEW204AMGH	Muffler set	1
3	M-MEW204AMGHL	Muffler - left	1
4	M-MEW204AMGHR	Muffler - right	1
5	TP-T/S/1/1	Tail pipe - left	1
6	TP-T/S/1/2	Tail pipe - right	1
7	P-CP004	Adapter	2
8	P-R64	Clamp	2
9	P-R68	Clamp	4
10	P-R69	Clamp	2
11	P-FB54	Screw	1
12	P-CP005	Adapter	1
13	P-FN12	Nut	1
14	P-DR47	Washer	1
15	P-HF113	Copper paste	1
16	P-HF33	Ceramic grease	1

Schematic



Spare parts table

No.	SALES CODE	DESCRIPTION	QTY.
1	S-MEW204AMG	Evolution exhaust system	1
2	MTP-MEW204AMGH	Slip on	1
3	E-ME/T/1	Link pipe	1
4	M-MEW204AMGH	Muffler set	1
5	M-MEW204AMGHL	Muffler - left	1
6	M-MEW204AMGHR	Muffler - right	1
7	TP-T/S/1/1	Tail pipe - left	2
8	TP-T/S/1/2	Tail pipe - right	2
9	P-R64	Clamp	4
10	P-R69	Clamp	2
11	P-R68	Clamp	1
12	P-FB54	Screw	1
13	P-FN12	Nut	1
14	P-DR47	Washer	1
15	P-HF113	Copper paste	1
16	P-HF33	Ceramic grease	1



502862