



## Installation instructions

Akrapovič Exhaust System:  
**Slip-On Classic Line with Sound kit**  
for the  
**Harley-Davidson Dyna** (with parallel mufflers)



**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.
5. 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.
6. Technical specifications of Akrapovič exhaust systems and related products are subject to change without notice.
7. 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.
8. 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.
9. 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 trademark, including corporate logos and emblems, are subject to copyright as well as trademark rights of Akrapovič, its licensors or third persons authorizing Akrapovič to use them.

### **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.

## Symbols

The following symbols are used throughout these installation instructions:



TOOLS REQUIRED



TIGHTENING TORQUE



INSTALLATION TIP



CAUTION OR WARNING



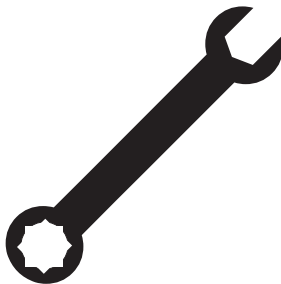
**USE BOLT SEALANT;** Apply 3 to 4 small drops of bolt sealant onto the cleaned and degreased threads before tightening the bolts. **WARNING! Avoid contact with skin, eyes and mucous membranes. Do not inhale fumes. Keep out of reach of children.**



**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.**



Socket 3/16 inch  
Socket 5/32 inch  
Socket 13 mm  
Hexagon 3/16 key wrench  
Hexagon 5/32 key wrench  
Hexagon 1/4 key wrench  
Torx 25  
Torx 40  
Torx 45  
Combination 8 mm wrench  
T-handle 8 mm wrench  
Screwdriver  
Cutting nippers



**BEFORE INSTALLING, CHECK THE PARTS LIST AND SCHEMATIC DRAWING 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 HARLEY-DAVIDSON DYNA WIDE GLIDE. THERE MAY BE SOME DIFFERENCES IN INSTALLATION PROCEDURES FOR OTHER DYNA MODELS.**



**AKRAPOVIČ MAKES EVERY EFFORT TO PROVIDE IMPROVED CORNERING CLEARANCE FOR EXHAUST SYSTEMS. HOWEVER, DUE TO DESIGN AND SPACE LIMITATIONS ON SOME MOTORCYCLE MODELS, GROUND AND CORNERING CLEARANCE MAY NOT IMPROVE OR MAY EVEN BE REDUCED. FOR ADVANCED USERS, WE RECOMMEND INCREASING THE SPRING PRELOAD SETTINGS TO IMPROVE GROUND CLEARANCE.**



**THE AKRAPOVIČ WARRANTY DOES NOT COVER DISCOLORATION OF ANY CHROME PRODUCTS.**

**REMOVAL OF ORIGINAL EXHAUST SYSTEM:**

1. Put the motorcycle on a side stand, we recommend a center stand.
2. Unscrew the mufflers' connection bolt and upper muffler's bracket bolt (Figure 1).

! **WARNING:** make sure, not to damage any part of the motorcycle during this procedure!

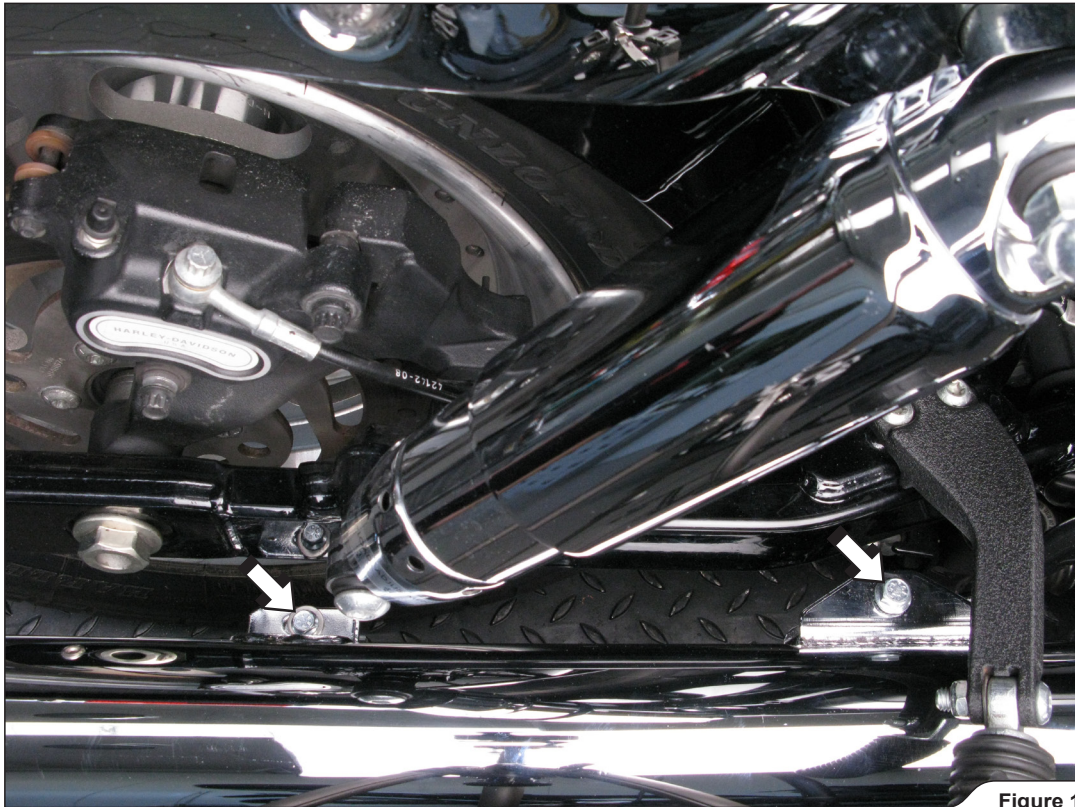


Figure 1

3. Loosen both muffler-header connection clamps and remove the mufflers off the motorcycle (Figure 2).

! **WARNING:** make sure, not to damage any part of the motorcycle during this procedure!

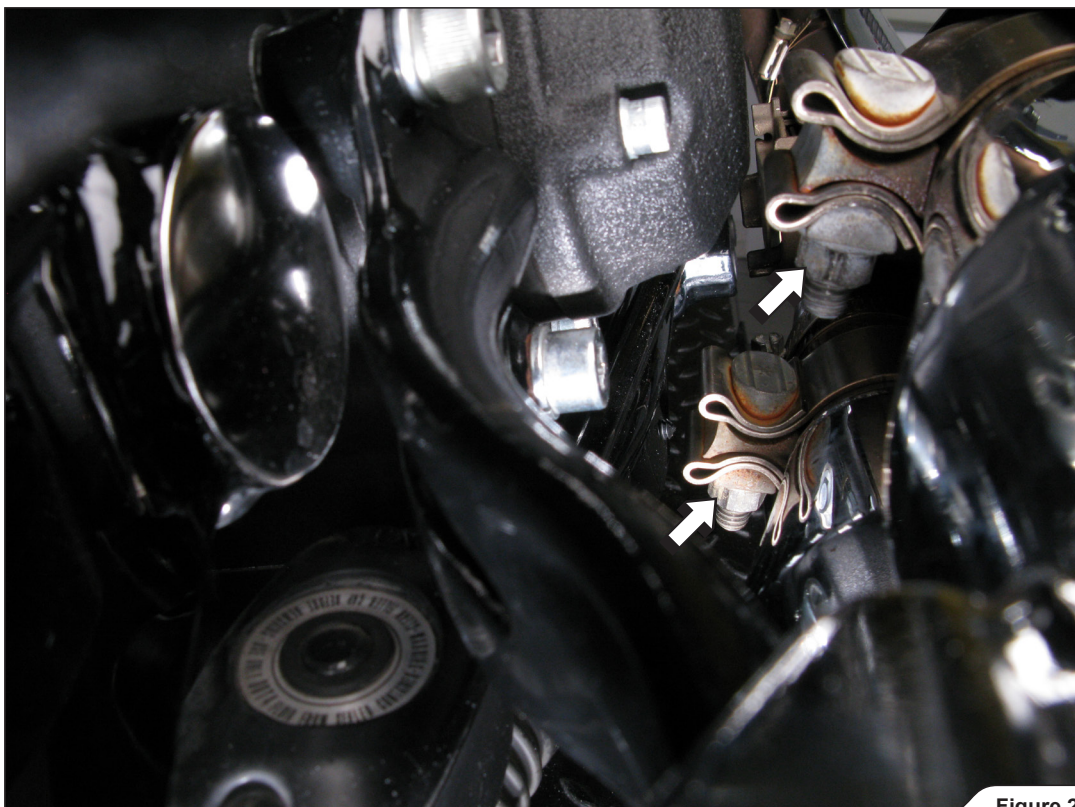


Figure 2

4. Loosen the marked heat shields' tape clamps (Figure 3).
- ! **WARNING:** make sure, not to damage any part of the motorcycle during this procedure!

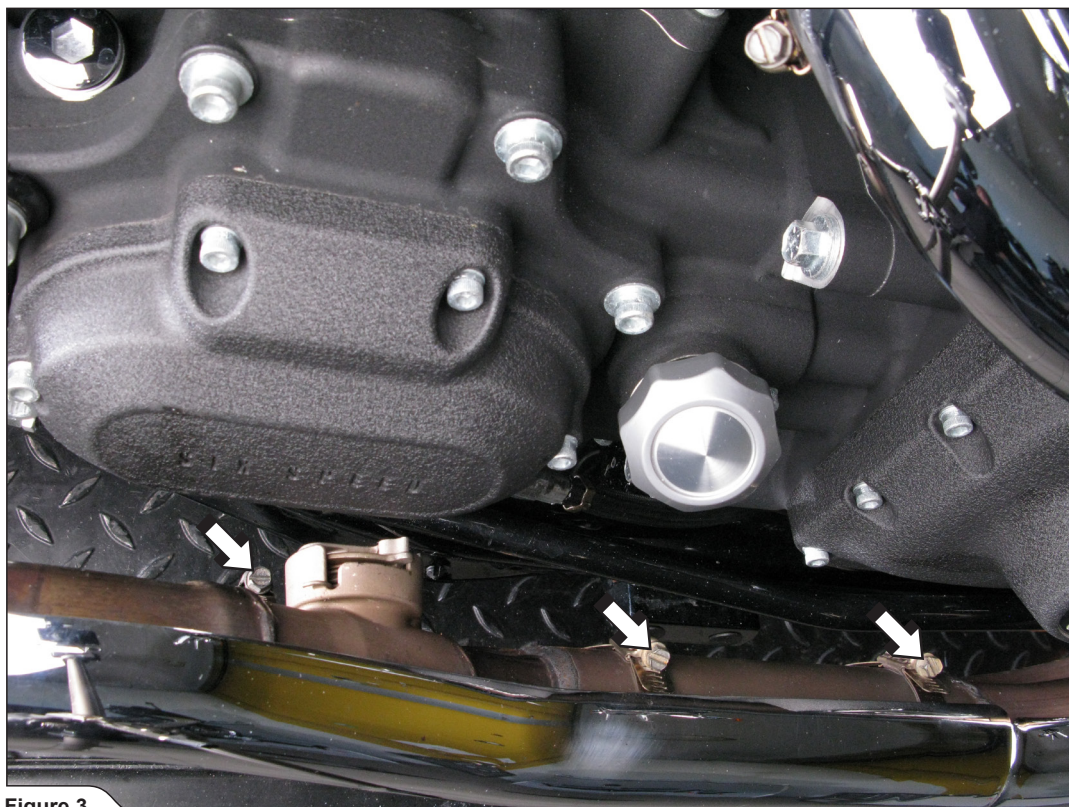


Figure 3

5. Unscrew marked bolt and carefully remove seat off the motorcycle (Figure 4).
- ! **WARNING:** make sure, not to damage any part of the motorcycle during this procedure!



Figure 4

6. Unscrew the marked coil bolts and carefully move the coil (**Figure 5**).

! **WARNING:** make sure, not to damage any part of the motorcycle during this procedure!

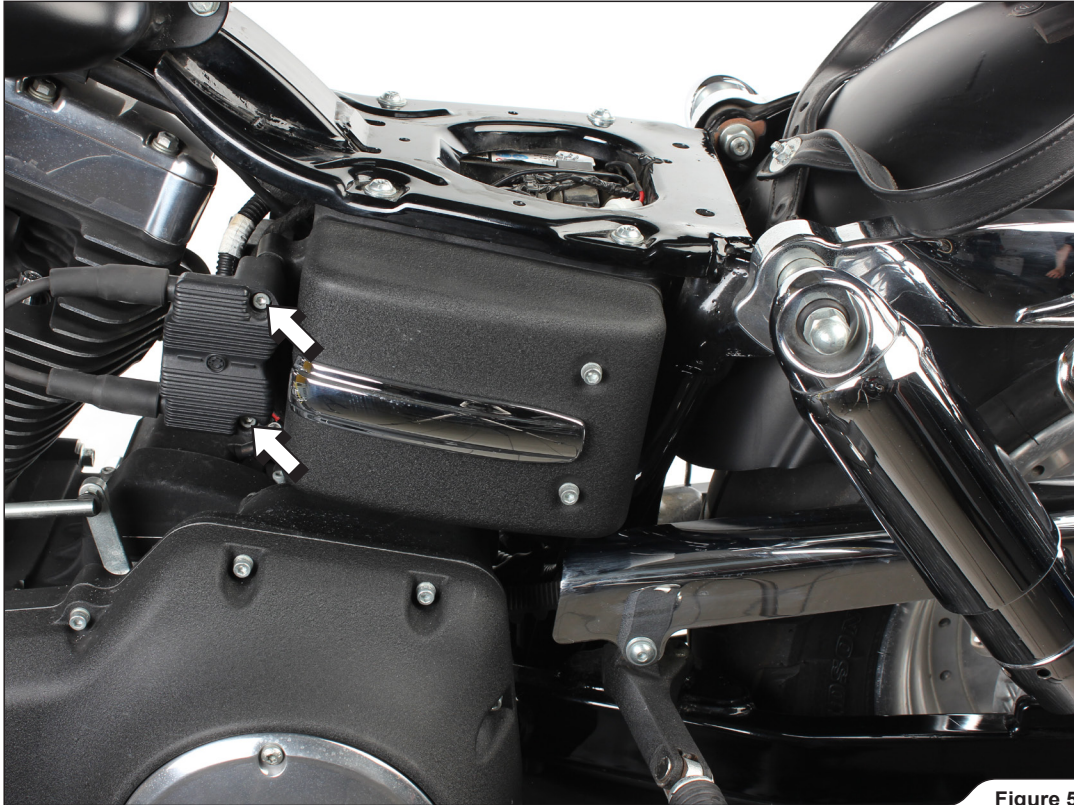


Figure 5

7. Unscrew marked exhaust valve motor bolts, disconnect the cable and partially remove exhaust valve motor from motorcycle (**Figure 6, 7**).

! **WARNING:** make sure, not to damage any part of the motorcycle during this procedure!



Figure 6

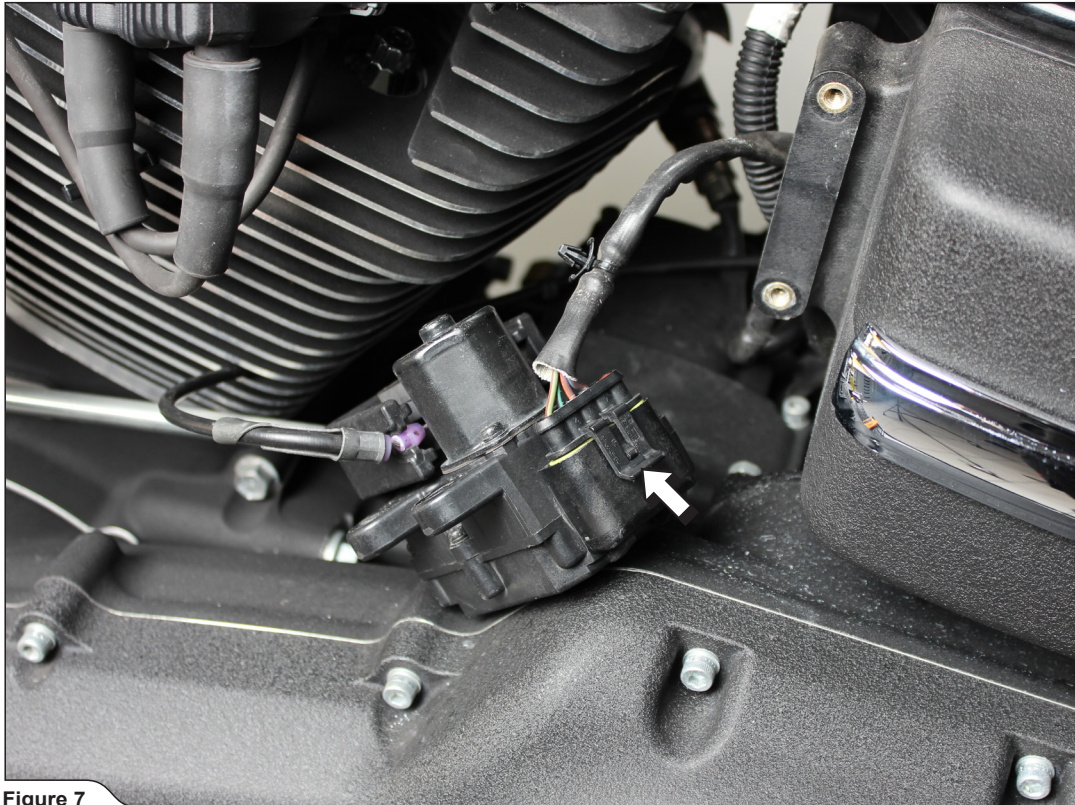


Figure 7

8. To remove the exhaust valve cable from the valve, first do the following (Figure 8, 9):
- temporarily connect the Sound Receiver to the stock servo motor and stock wiring harness
  - put the contact switch in ON position for 3 seconds (the servo releases the cable)
  - put the contact switch in OFF position (do not disconnect the Sound Receiver and wiring harness!)
- Now, you can remove the cable off the valve (Figure 10).

! CAUTION: be careful not to injure yourself or damage any part of the motorcycle during this process!

! CAUTION: in case of broken fuse, use only automotive 5A fuse!

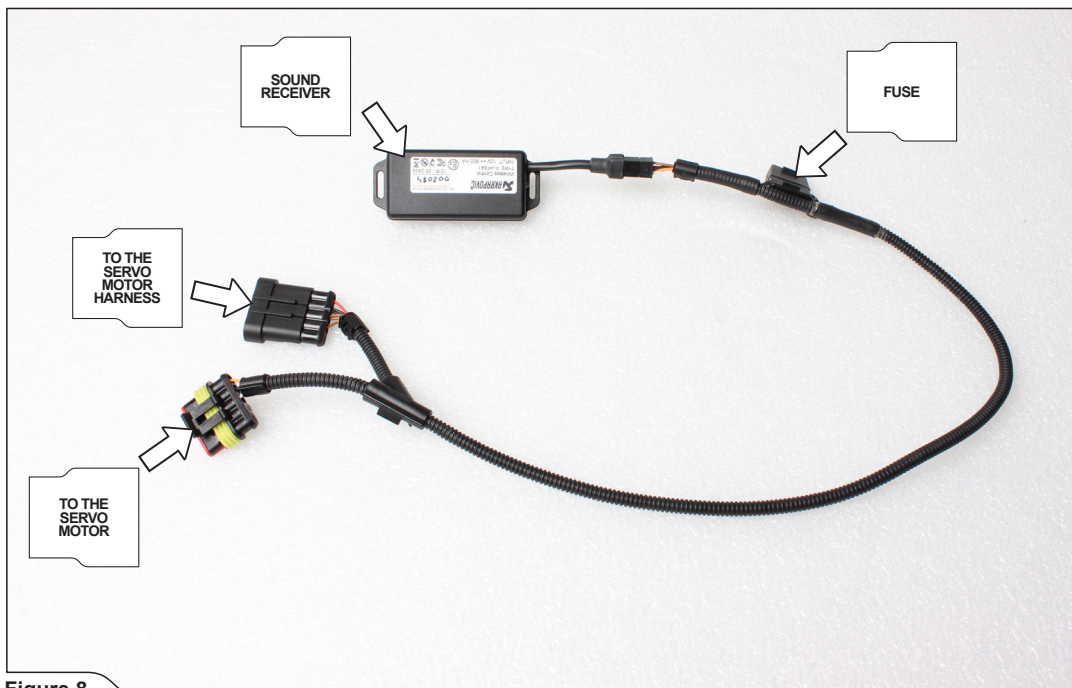


Figure 8

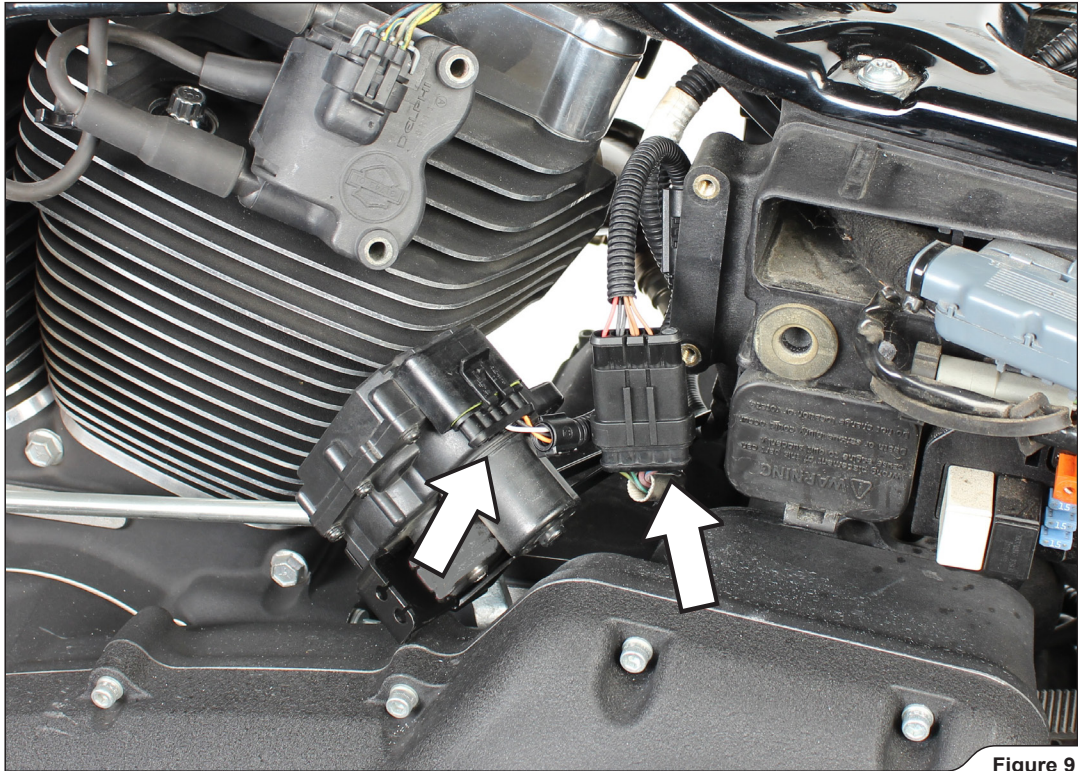


Figure 9



Figure 10



9. Remove the cable from servo motor. Now put the servo motor in it's base position (Figure 11, 12):
- put the contact switch in ON position for 3 seconds.
  - put the contact switch in OFF position (now you can remove the Sound Receiver and harness).
- ! CAUTION: be careful not to injure yourself or damage any part of the motorcycle during this process!

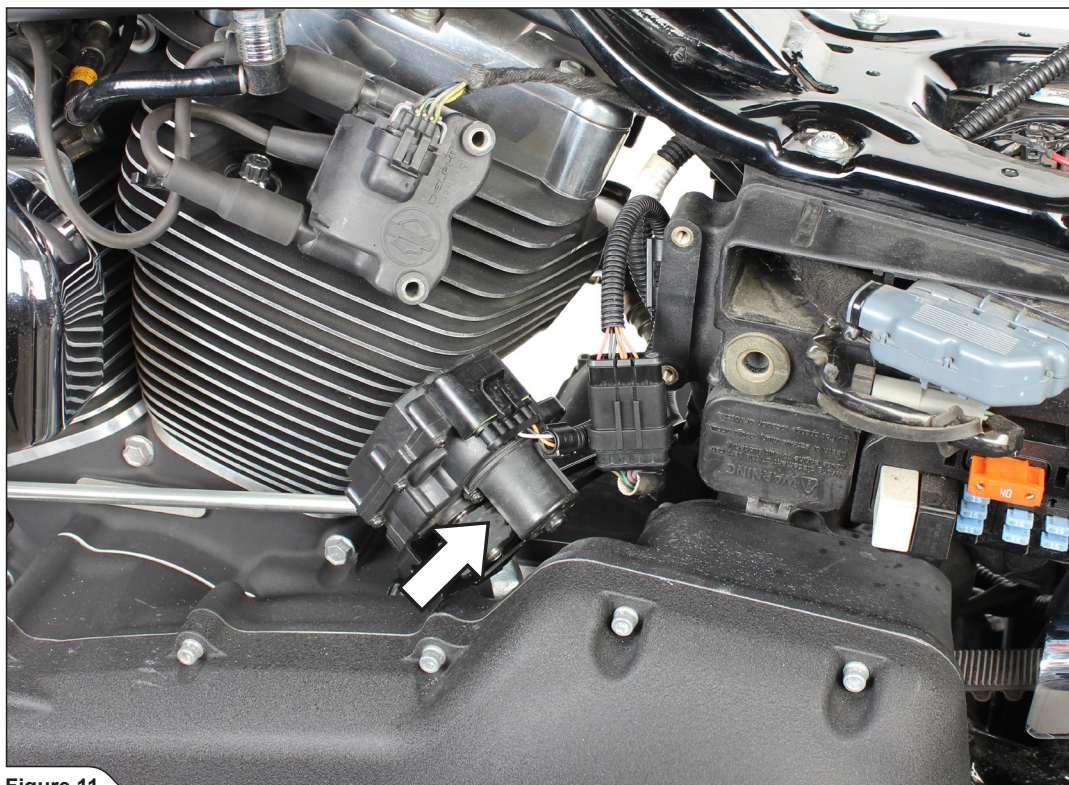


Figure 11



Figure 12

10. Remove marked cover and unscrew marked bolts (Figure 13).

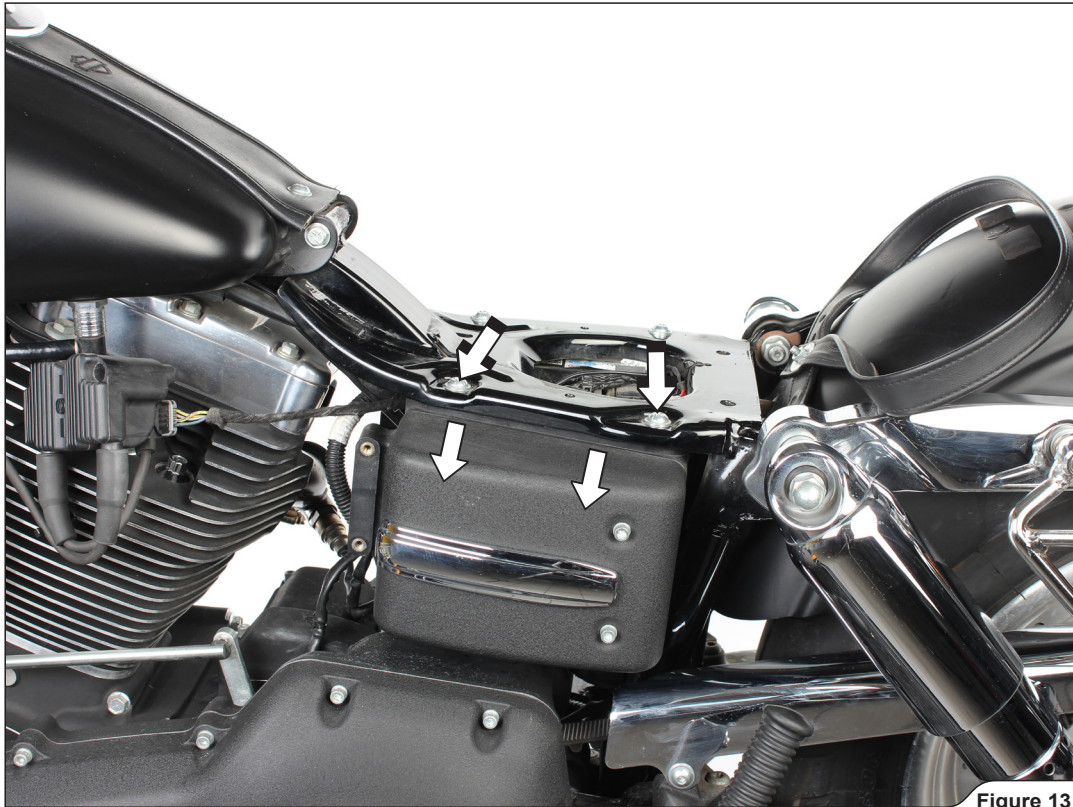


Figure 13

11. Unscrew marked bolt and partially remove fuse box, as shown (Figure 14, 15).

! **WARNING:** make sure, not to damage any part of the motorcycle during this procedure!

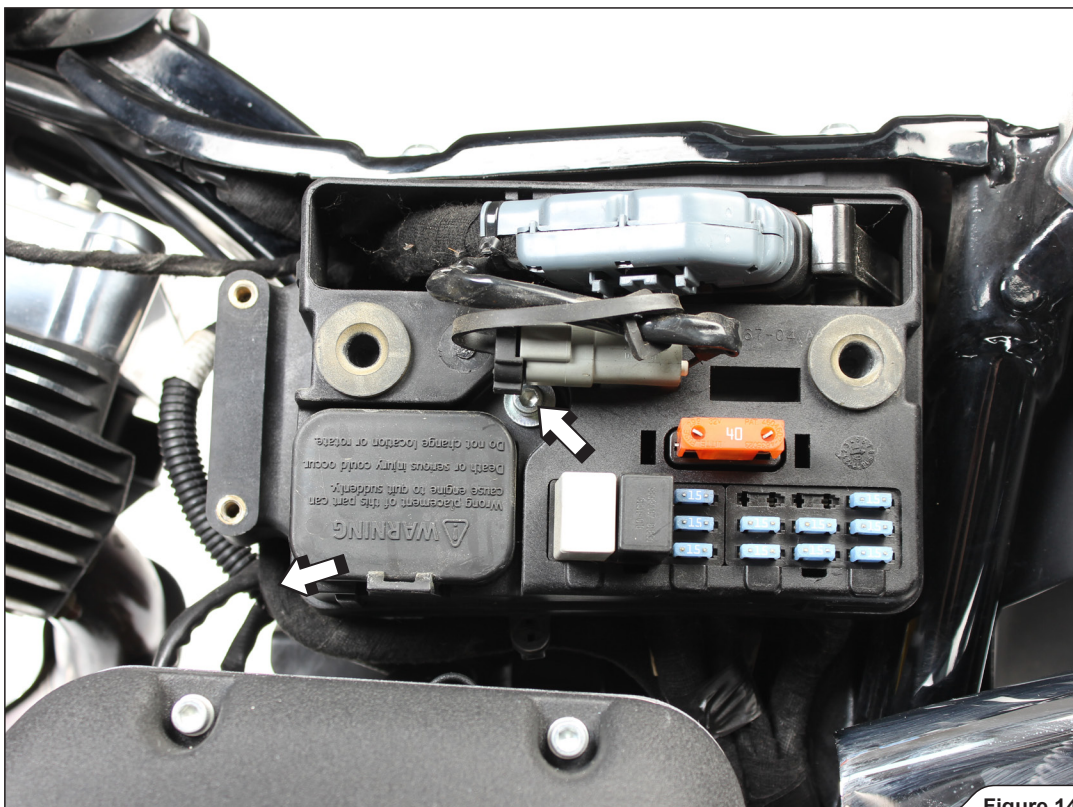


Figure 14

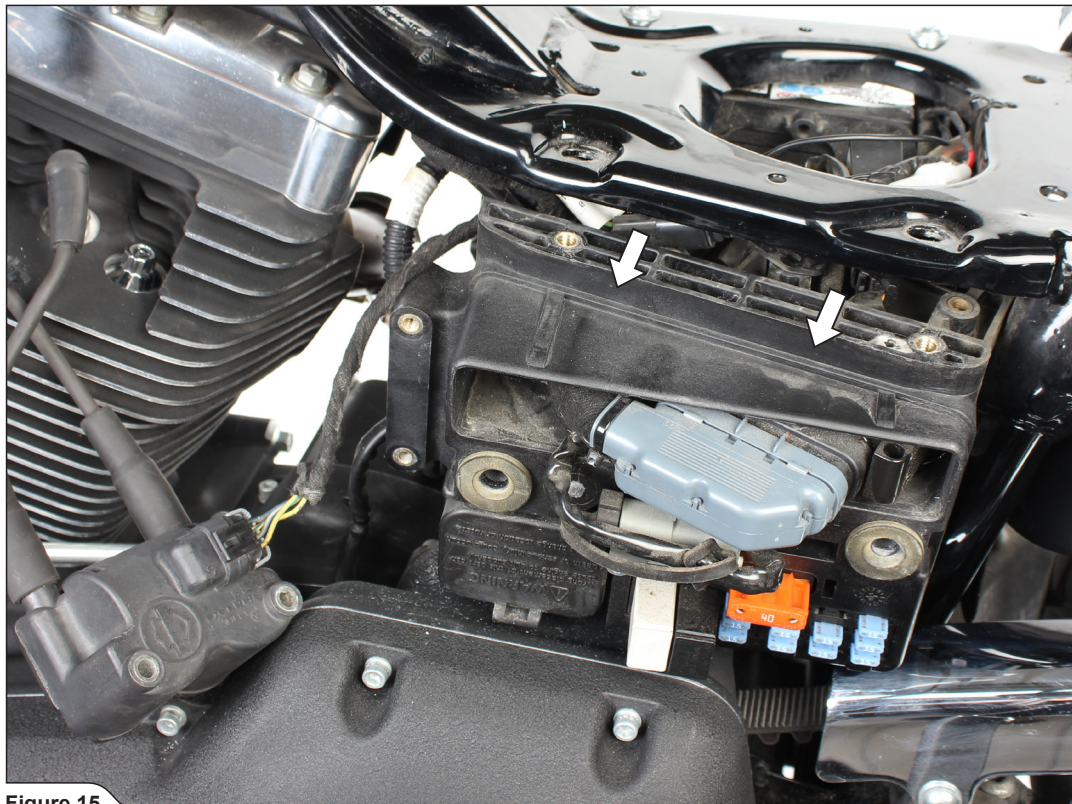


Figure 15

12. Unscrew the cable bracket and cable wheel off the servo motor (Figure 16, 17).

! **CAUTION:** be careful not to injure yourself or damage any part of the motorcycle during this process!

! **CAUTION:** do not turn the servo motor wheel with force or the servo motor could get damaged. Hold the cable wheel in place when unscrewing the bolt!



Figure 16



Figure 17

**INSTALLATION OF THE AKRAPOVIČ EXHAUST SYSTEM:**

1. Hook the cables onto the cable wheel, correctly position/orient the wheel and cable bracket. Tighten the wheel onto the servo motor (Figure 18).

! **CAUTION:** use the cables, cable wheel and cable wheel bolt from Akrapovič installation kit!

! **CAUTION:** do not turn the servo motor wheel with force or the servo motor could get damaged. Hold the cable wheel in place when tightening the bolt!

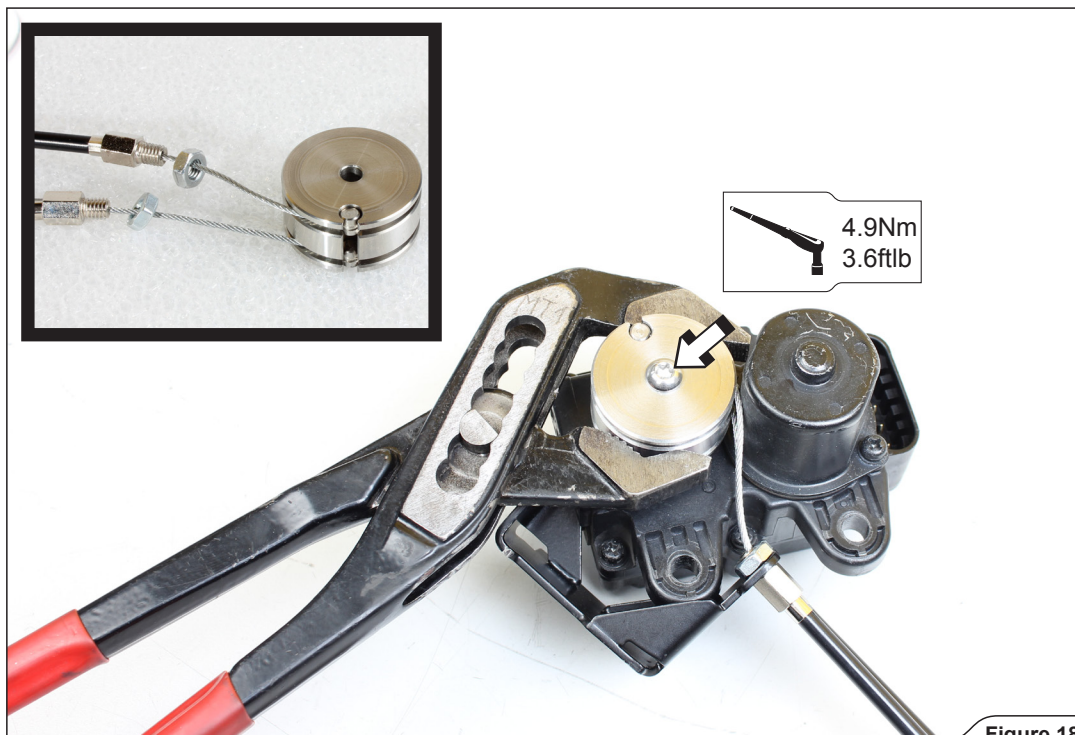


Figure 18

2. Tighten cables onto the bracket and the cable bracket onto the servo motor, as shown (Figure 19).  
! **CAUTION:** be careful not to injure yourself or damage any part of the motorcycle during this process!

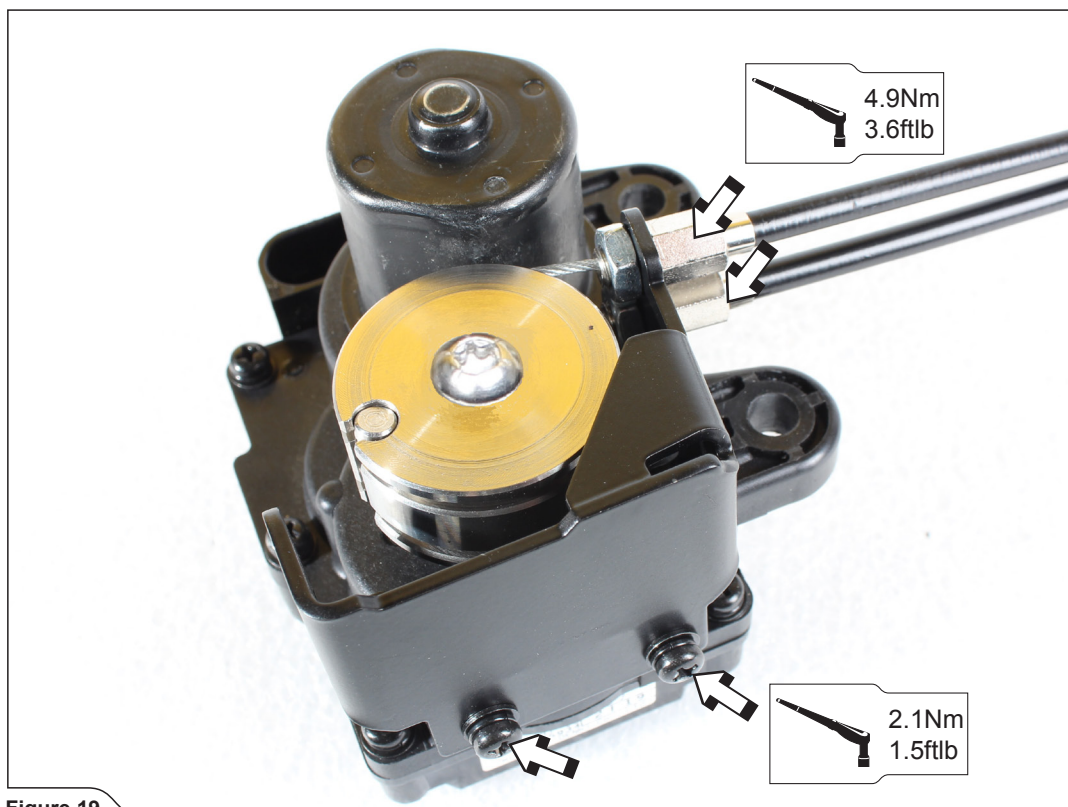


Figure 19

3. Install Akrapovič wiring harness onto the motorcycle, connect cables to the exhaust motor valve and place the receiver with harness, as shown (Figure 20, 21, 22, 23, 24).  
! **WARNING:** make sure, not to damage any part of the motorcycle and harness during this procedure!

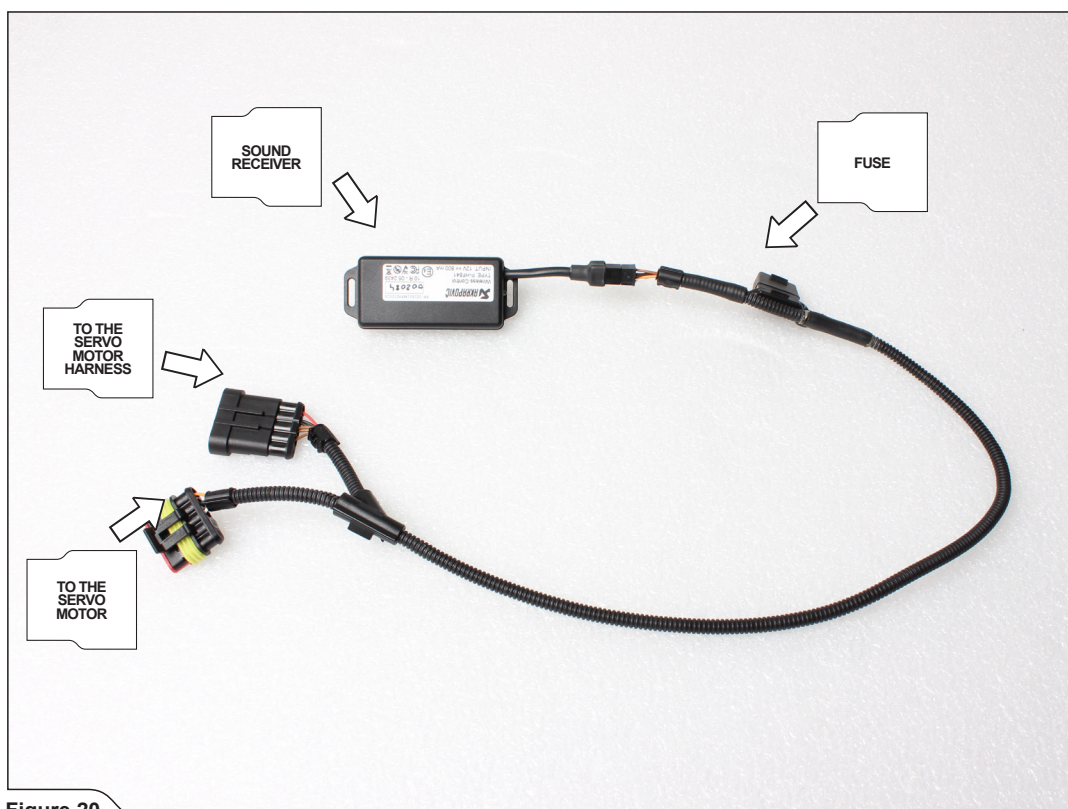


Figure 20

! CAUTION: make sure, not to damage the connectors, wiring harness or any other part of the vehicle during this process!

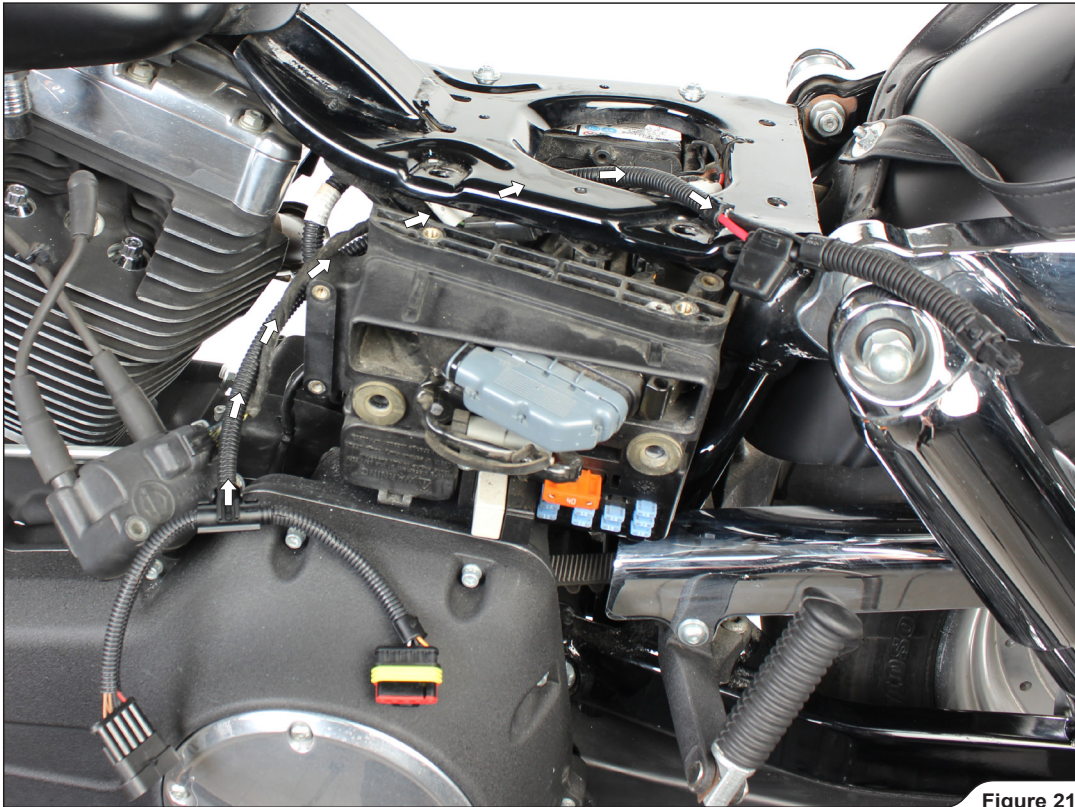


Figure 21

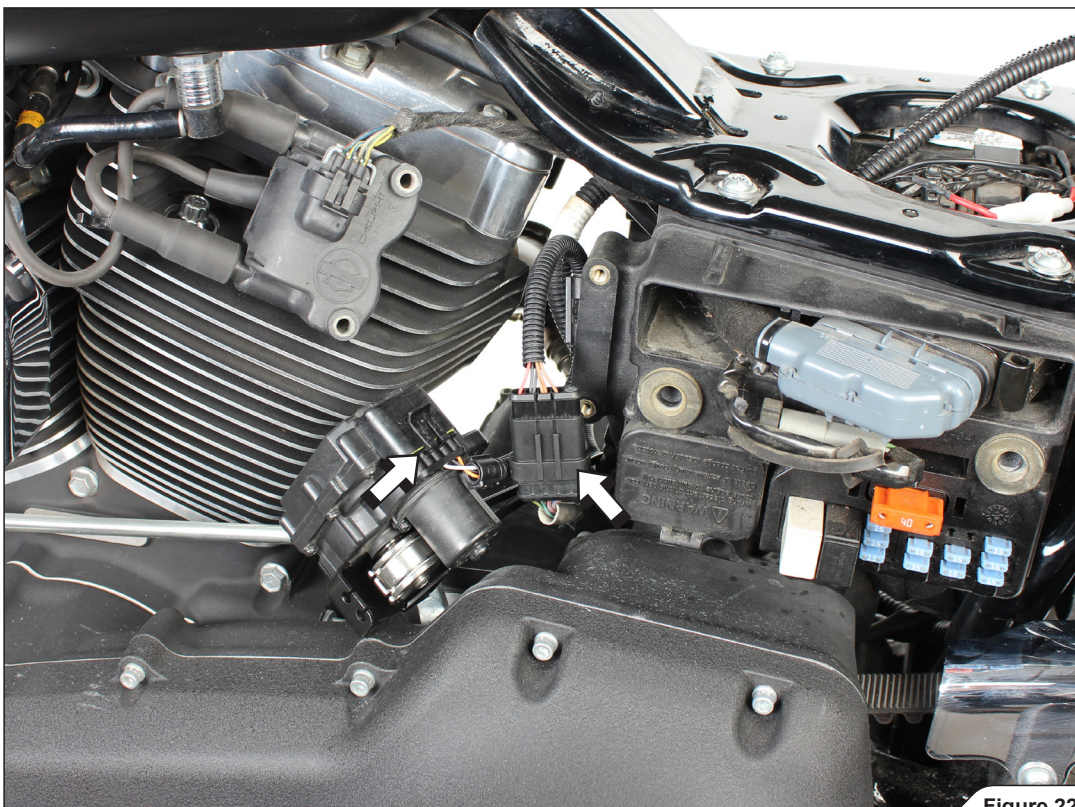


Figure 22

! CAUTION: make sure, not to damage the connectors, wiring harness or any other part of the vehicle during this process!

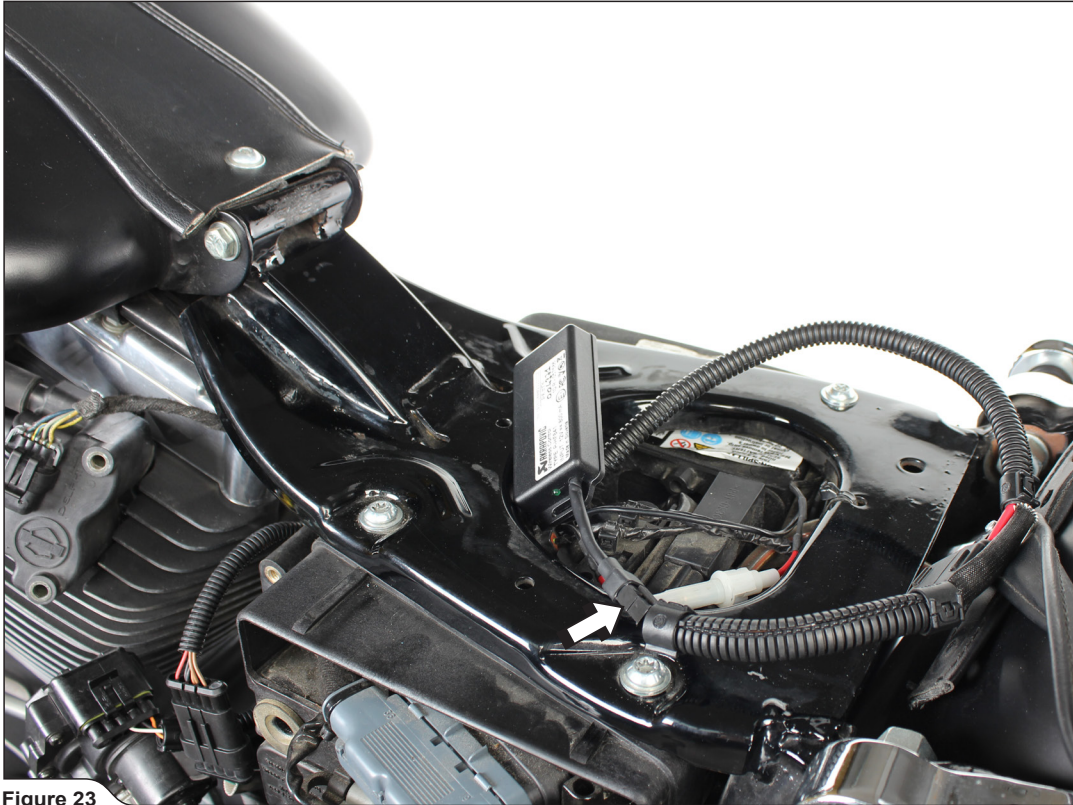


Figure 23

! CAUTION: make sure, not to damage the connectors, wiring harness or any other part of the vehicle during this process!

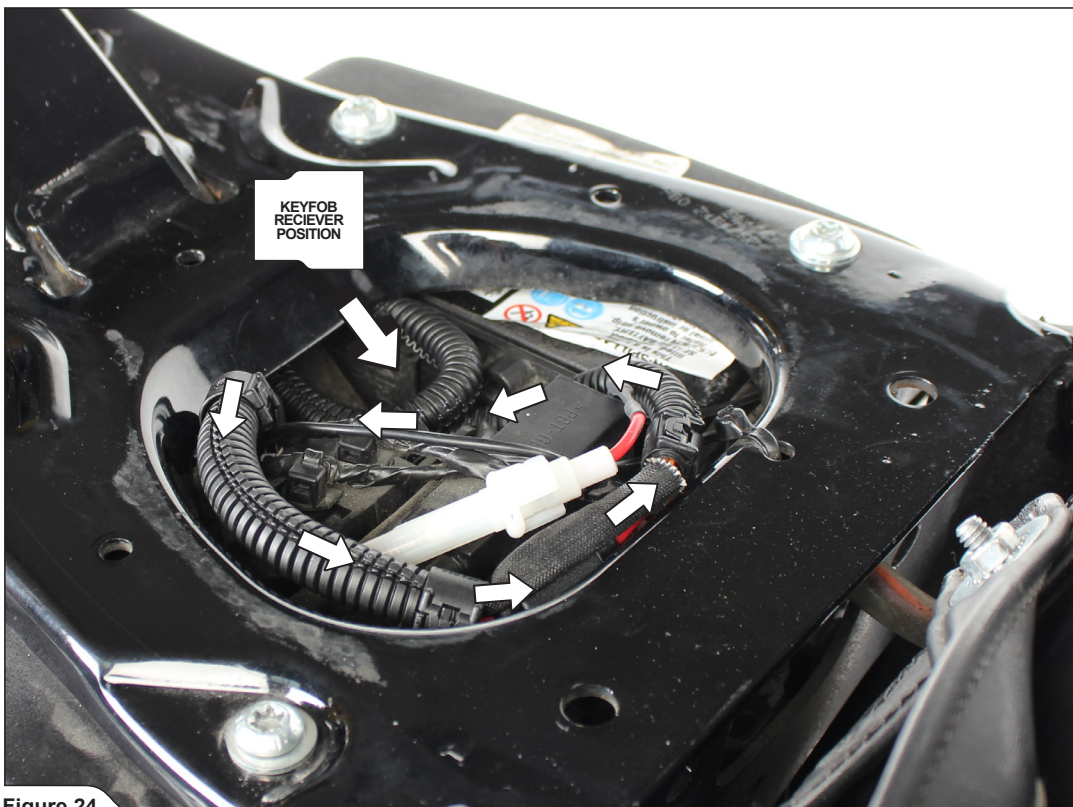


Figure 24

4. Tighten exhaust valve motor onto the motorcycle to the specified torque (Figure 25).

! **WARNING:** make sure, not to damage any part of the motorcycle and harness during this procedure!

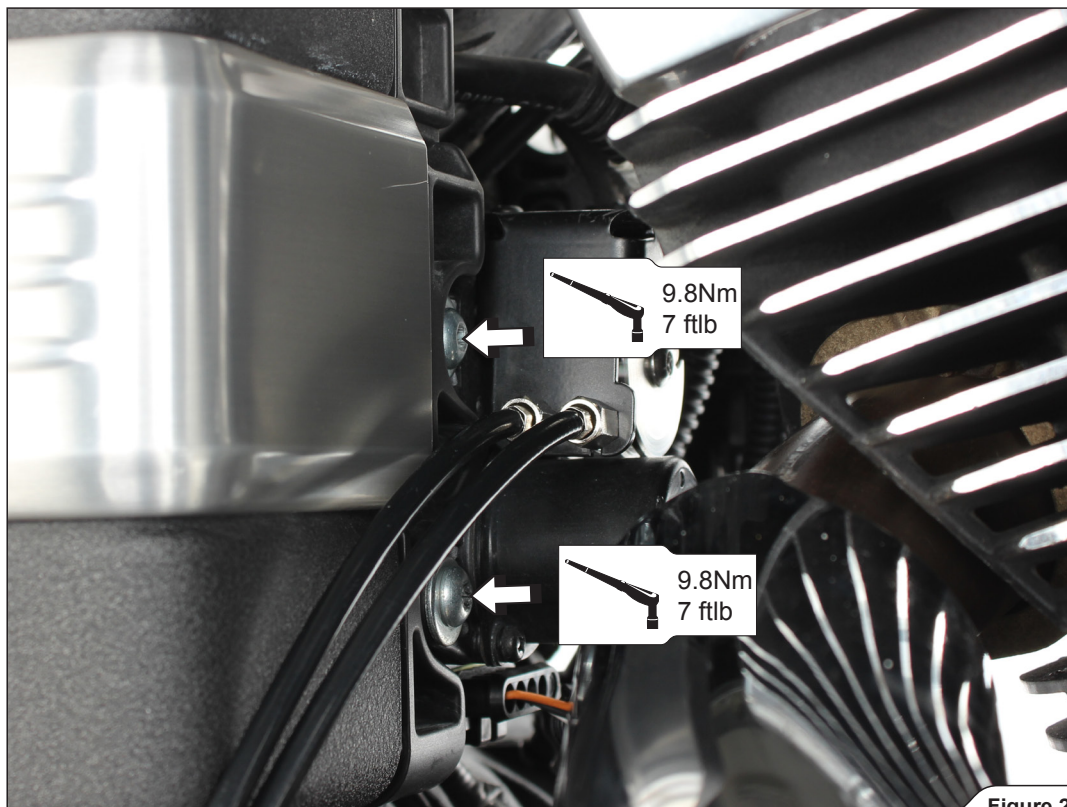


Figure 25

5. Remove and reinstall the cable bracket to the marked position and tighten with specified torque (Figure 26).

✂ **INSTALLATION TIP:** direct the cables on the back of the oil pipe, as shown!

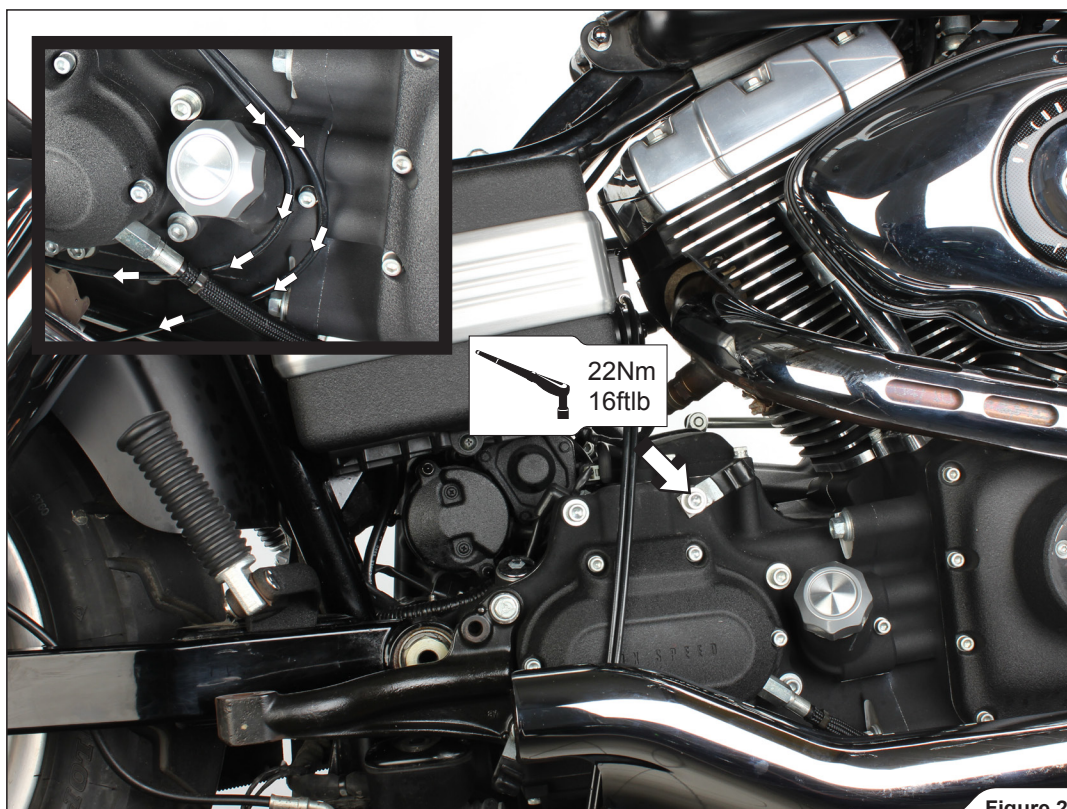


Figure 26



6. Correctly assemble the mufflers, link pipes, clamps and heat shields (Figure 27).

! **CAUTION:** marking specific for upper and lower heat shields!!

! **WARNING:** make sure, that link pipes and mufflers are joint all the way – use rubber mallet if necessary to tap the connections into place!

! **WARNING:** hand tighten all clamps only! You'll need to rotate the link pipes later.

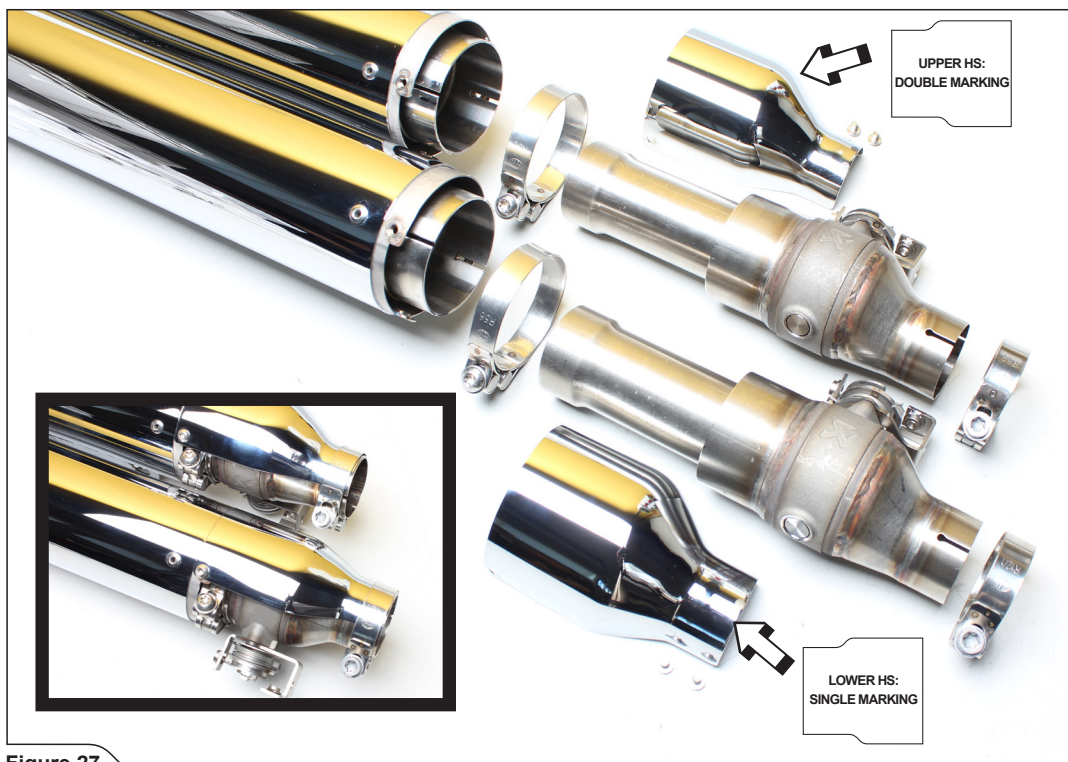


Figure 27

7. Lock the stock exhaust valve in the open position, using blocking cable from Akrapovič installation kit (Figure 28).

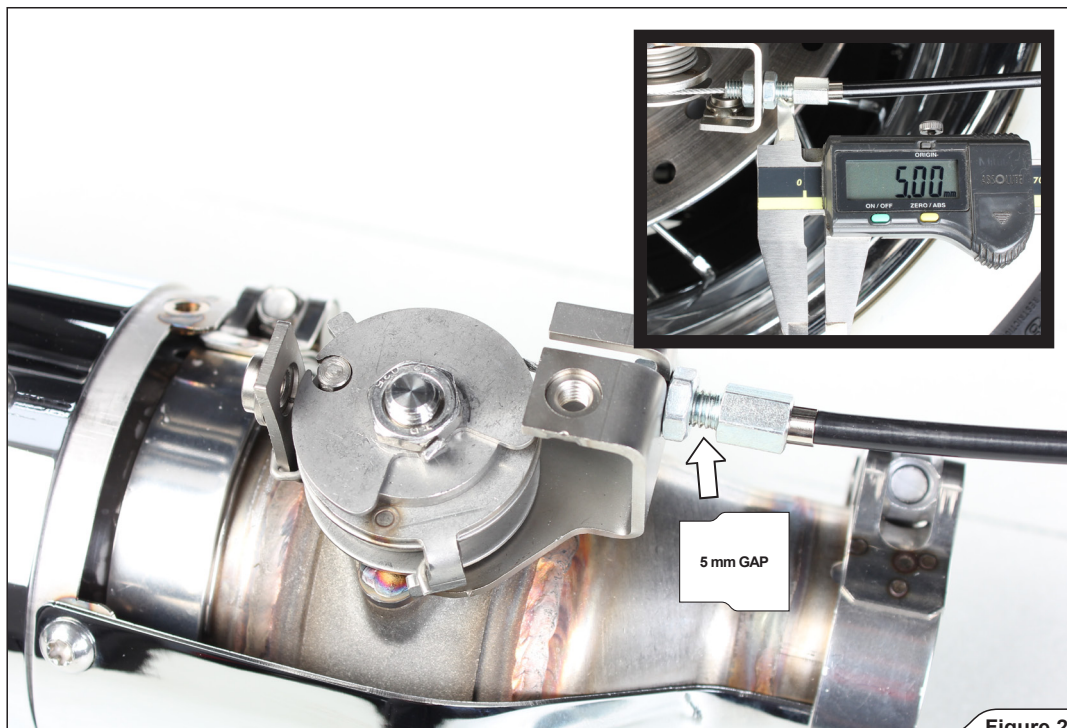
! **CAUTION:** be careful not to injure yourself or damage any part of the motorcycle during this process!



Figure 28

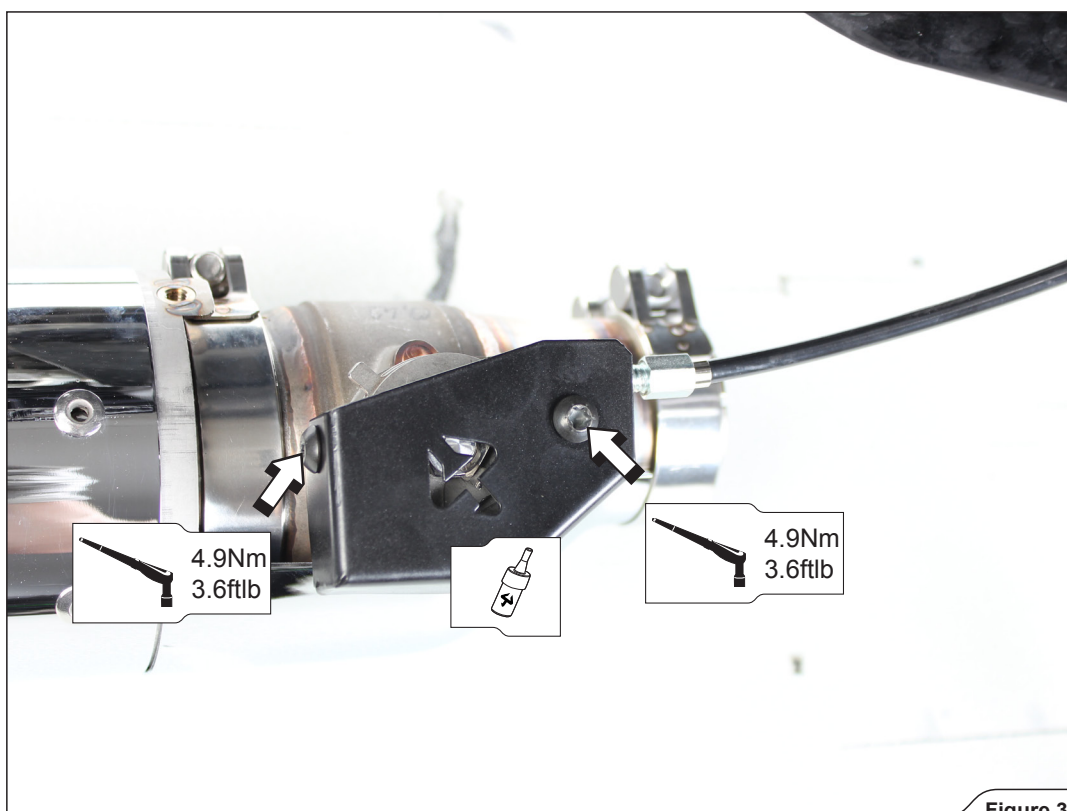
8. Assemble and adjust the cables onto the valves, as follows:
  - attach the **UPPER** cable first, adjust the cable adjuster so the gap between nut and bolt is 5mm (0,197inch) and tighten the locking nuts (Figure 29).
  - measure the marked gap between valve wheel stopper and valve housing (Figure 33).
  - attach the lower cable, adjust the cable adjuster so the gap between valve wheel stopper and valve housing is the same as on the upper valve and tighten the locking nuts (Figure 34).

! **CAUTION:** be careful not to injure yourself or damage any part of the motorcycle during this process!



9. Install Akrapovič valve cover (Figure 30).

! **WARNING:** use Akrapovič bolt sealant on bolts' threads!



10. Slide the assembled mufflers onto the stock headers; rotate the asymmetrical link pipes, till perfect fit of mufflers and heat shields (Figure 31, 32).

! **CAUTION:** assemble the UPPER muffler first!

! **WARNING:** make sure, not to damage or scratch the mufflers, swing arm or any other part of the motorcycle!



Figure 31



Figure 32

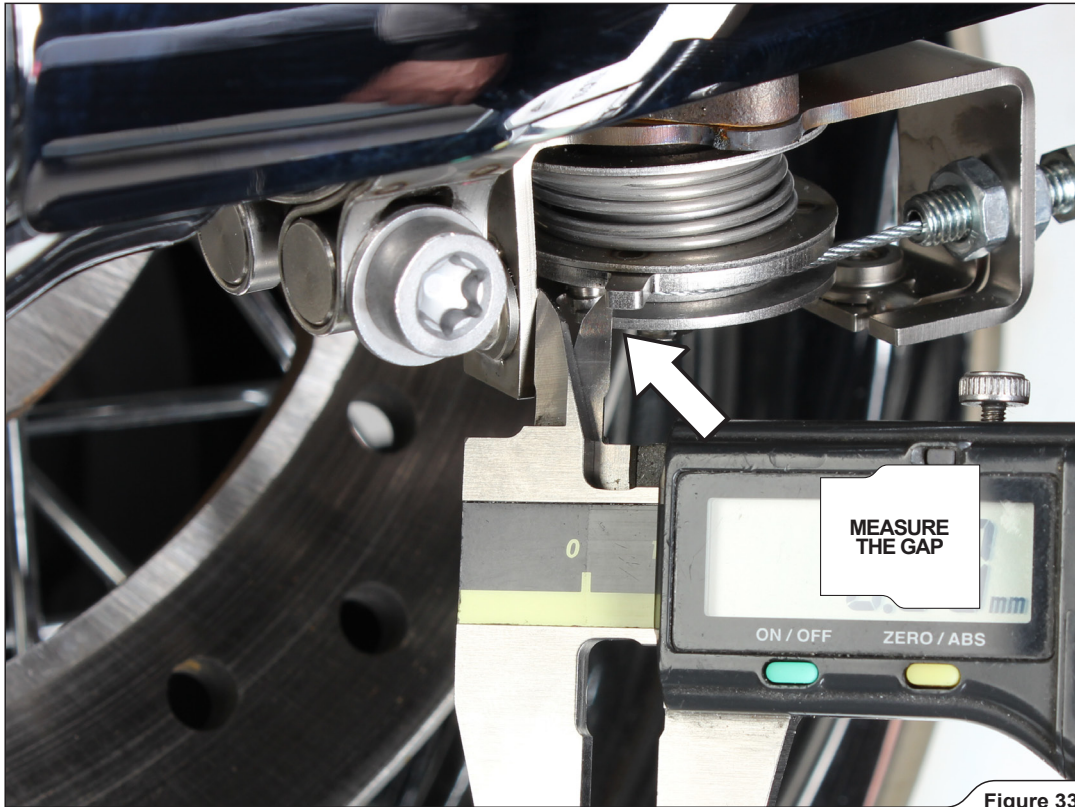


Figure 33

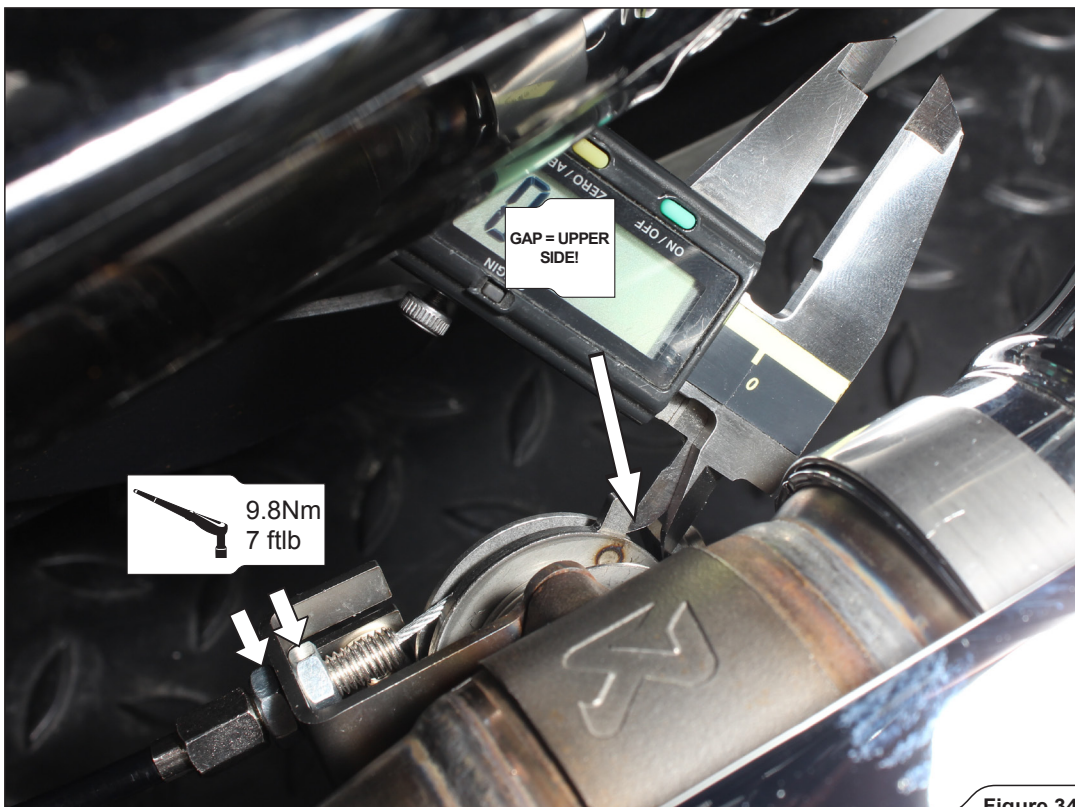


Figure 34

11. Install LOWER valve cover. Align the mufflers in respect to the motorcycle, tighten the UPPER muffler onto the stock bracket (using M8x50 bolt, washers and nut from Akrapovič installation kit), then tighten the mufflers' connection (using M8x16 bolt and washer from Akrapovič installation kit) (Figure 35).

! **WARNING:** use Akrapovič bolt sealant on valve cover bolts' threads!

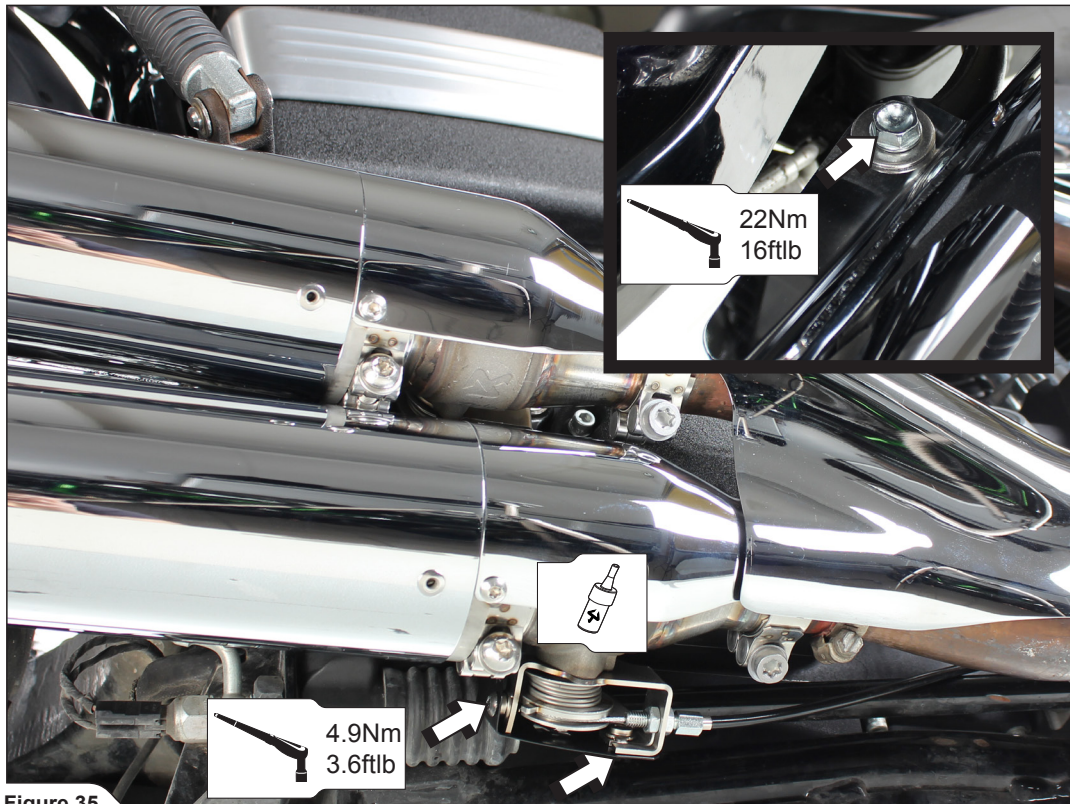


Figure 35

12. Align and tighten the clamps to the specified torque (Figure 36).

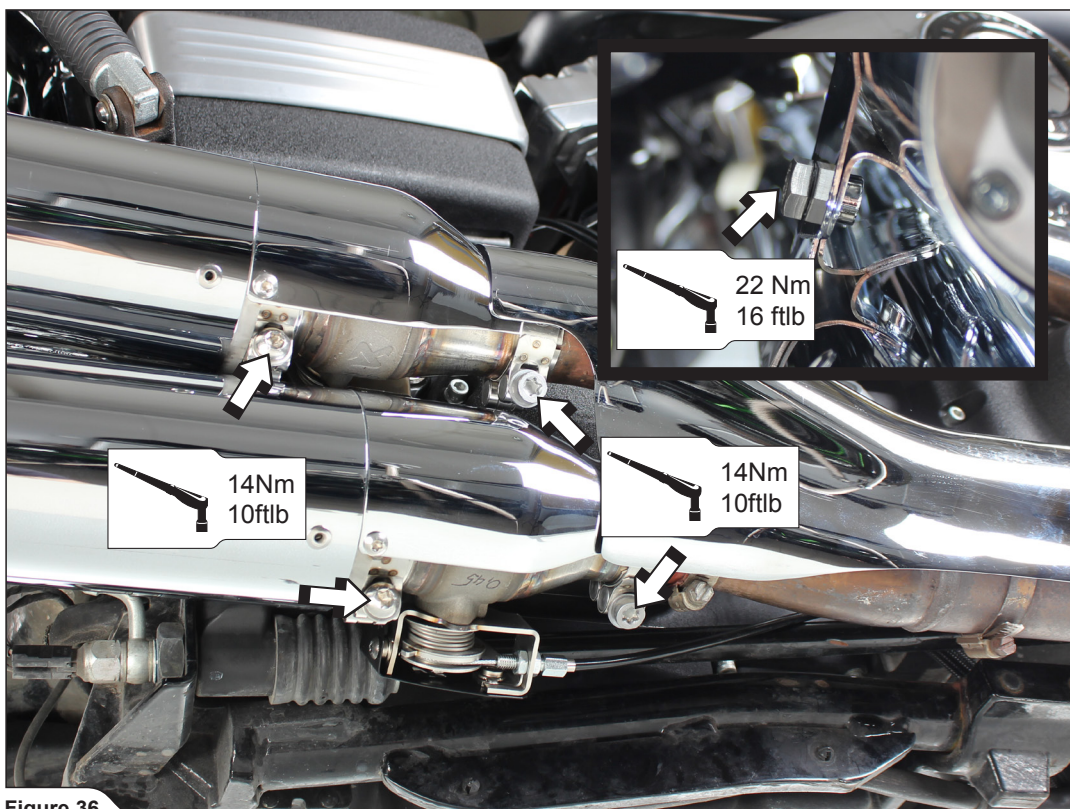


Figure 36

13. Install Akrapovič valve cables onto the bracket, as shown (Figure 37).

! **WARNING:** make sure, not to damage any part of the motorcycle and harness during this procedure!

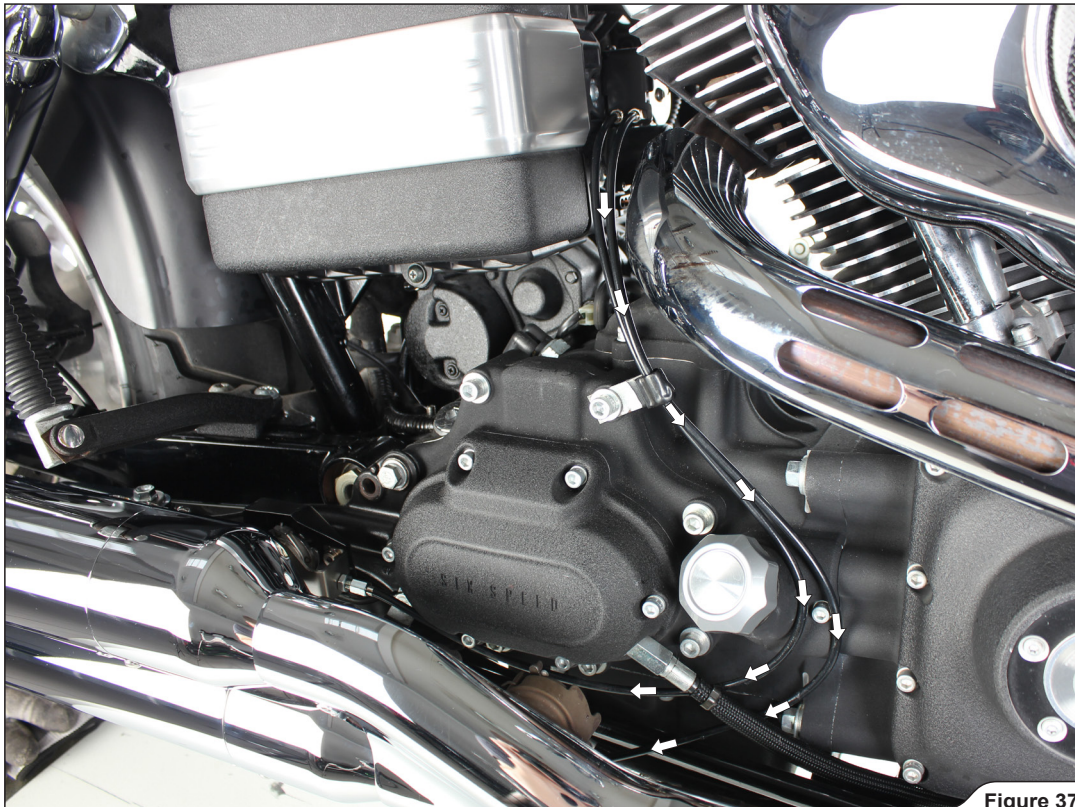


Figure 37

14. Put the contact switch in ON position and check if both valves are closed. In case the valves are not completely closed, repeat the adjusting procedure of the cables (Step 8, Figure 29, 33, 34).

! **CAUTION:** use Akrapovič bolt sealant on the cover bolts' threads!

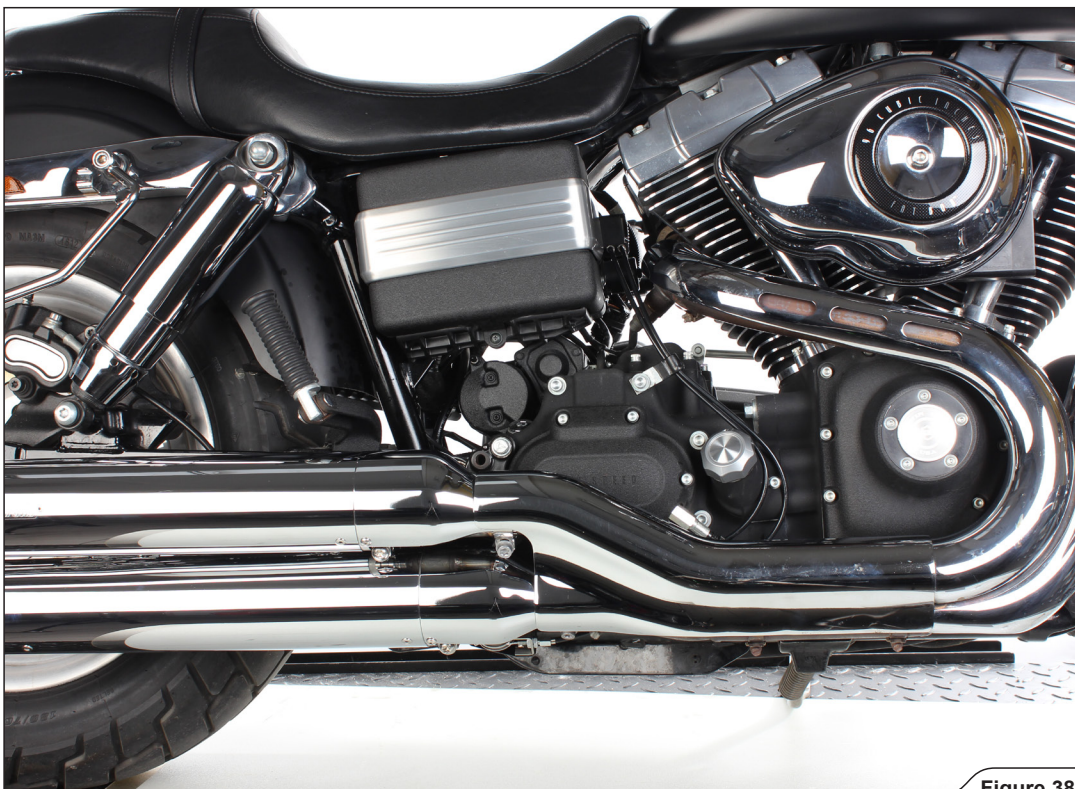


Figure 38

15. Align the original heat shield and tighten the tape clamps (Figure 39).

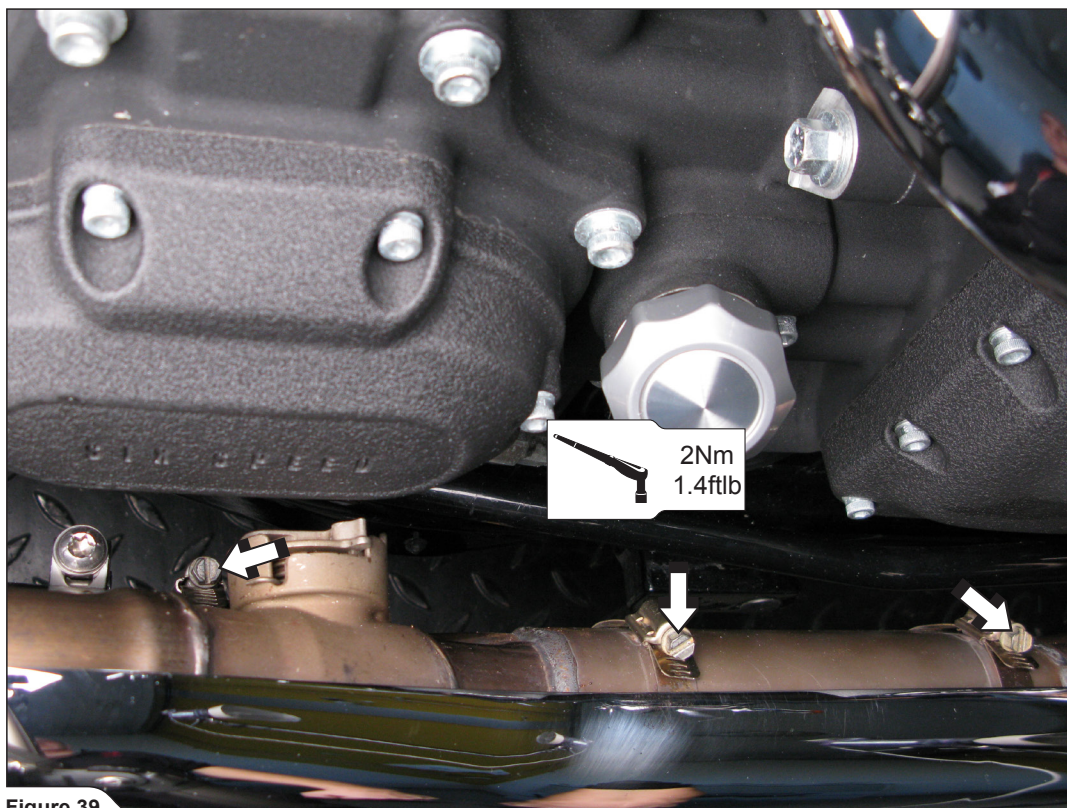


Figure 39

#### **INSTALLATION OF OPTIONAL AKRAPOVIČ SADDLE BAGS LIFT KIT:**

1. Unscrew both original saddle bags off the motorcycle (Figure 40).

**!** **WARNING:** make sure, not to damage any part of the motorcycle during this procedure!



Figure 40

2. Assemble the Akrapovič brackets onto the motorcycle, using original distance bushes and bolts and washers from Akrapovič installation kit (Figure 41, 42).

! **WARNING:** make sure, not to damage any part of the motorcycle during this procedure!



Figure 41



Figure 42



3. Screw both original saddle bags onto the Akrapovič brackets, using M8x30 bolts and washers from Akrapovič installation kit (**Figure 43**).

**!** **WARNING:** make sure, not to damage any part of the motorcycle during this procedure!



Figure 43

**Final installation:**

Clean grease spots:

- a. Muffler – titanium outer sleeve: use a soft cloth sprayed with a multi-purpose spray lubricant (WD-40 or equivalent).
- b. Muffler – carbon-fiber outer sleeve: use a soft dry cloth.
- c. Muffler – carbon-fiber outlet cap: use a soft dry cloth.
- d. Stainless steel pipes: use a soft cloth sprayed with a contact cleaner, then wipe with a soft dry cloth.
- e. Chrome plated parts: use a soft dry cloth.
- f. Titanium pipes: use a soft cloth sprayed with a multi-purpose spray lubricant (WD-40 or equivalent).

Cleaning will prevent spots from burning onto the surface. Do not use aggressive chemical cleaners, because they can damage the sticker.

**! WARNING: in case of disassembly of Akrapovič exhaust follow this procedure:**

1. Start the engine
2. Disconnect exhaust motor valve electrical connector
3. Stop the engine
4. Dissassemble the exhaust in the reverse order from the order in which it was installed.

**! WARNING: make sure all the 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.**

**! WARNING: after running engine for 30 minutes, retighten the bolts of the Akrapovic carbon-fiber heat shield!**

**! 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.**

**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 the high temperatures.
2. Periodically make sure all the bolts and springs are sufficiently tight.

**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.”



