Installation instructions:

502103

AKRAPOVIC SLIP-ON EXHAUST SYSTEM
for the
SUZUKI B-KING

Congratulations on purchasing an Akrapovic exhaust system. Please read these installation instructions carefully. If you have any trouble installing the system please contact your authorized dealer!

IMPORTANT INFORMATION

Exclusion of Certain Liability

6. 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 Akrapovic exhaust system. When installing the Akrapovic exhaust system be careful that the exhaust system does not touch other parts sensitive to high temperature.

6. Akrapovic makes no representation or warranties with regard to damage caused by the improper installation, use and maintenance of the Akrapovic exhaust system. The warranty is limited to defects recognized by our technical department and 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.

6. Do not attempt to install the Akrapovic exhaust system on a motorcycle for which it was not made or tested by Akrapovic.

6. 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 motor is not running. Also protect other people, especially children, from the injuries mentioned above.

6. In some cases Akrapovic 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 Akrapovic exhaust systems and related products subject to change without notice.

Trademarks

The Akrapovic Exhaust System Technology logo is a registered trademark of Akrapovic d.d.

Akrapovic website

Information about Akrapovic exhaust systems and related products is available on the Akrapovic website at:
http://www.akrapovic.com/

Copyright

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

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Symbols

The following symbols are used throughout these installation instructions:

! CAUTION OR WARNING	**INSTALLATION TIP**
TOOLS REQUIRED	**TIGHTENING TORQUE**



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

INSTALLATION INSTRUCTIONS

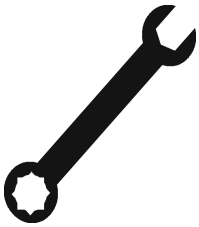
BEFORE INSTALLING CHECK SCHEMATIC OF THE EXHAUST SYSTEM! The latest version of the parts list and schematic drawings of the products are available on our web page.

! IF ANY ITEMS IN THE AKRAPOVIC 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 AKRAPOVIC EXHAUST SYSTEM.

! THE EXHAUST SYSTEM CAN BE EXTREMELY HOT. ALLOW THE MOTORCYCLE 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 MOTORCYCLE.



T-handle 8mm wrench
T-handle 10mm wrench
T-handle 12mm wrench
T-handle 10mm swiveling wrench
T-handle 4mm three hexagon key wrench
T-handle 5mm three hexagon key wrench
T-handle 6mm three hexagon key wrench
Combination 13mm wrench
Spring puller
Small flat screwdriver
Cross head screwdriver
Cutting pliers

REMOVAL OF STOCK EXHAUST SYSTEM:

1. Put the motorcycle on a side stand, we recommend a racing stand. Make sure, that surface is solid and flat.
2. Remove the rider's seat **(Figure 1, 2)** and the passenger's seat **(Figure 3, 4).**



Figure 1



Figure 2



Figure 3



Figure 4

3. Undo the plastic fasteners and remove the plastic cover of the fastback **(Figure 5, 6, 7).**

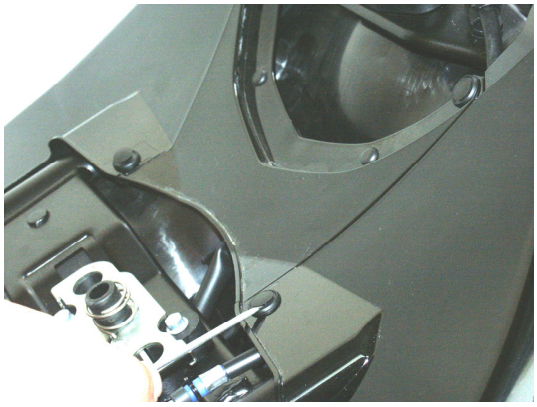


Figure 5

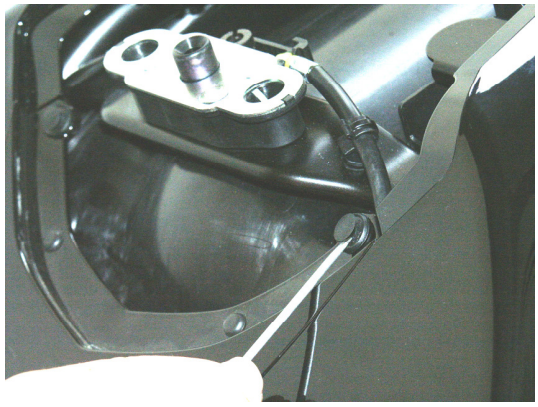


Figure 6



Figure 7

4. Undo the cable for locking / unlocking the seat **(Figure 8, 9).**

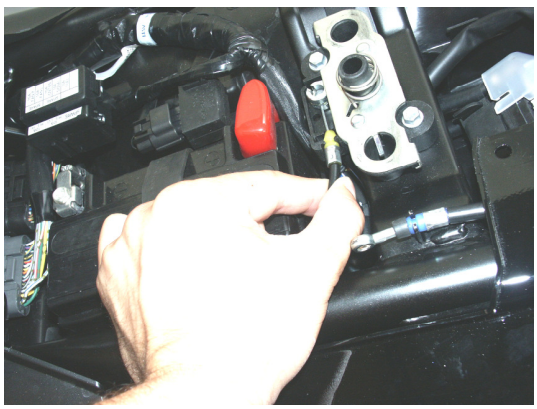


Figure 8



Figure 9

5. Remove the side panels **(Figure 10, 11).** Unscrew the bolts of the fastback and remove the fastback **(Figure 12, 13, 14, 15).**



Figure 10



Figure 11



Figure 12

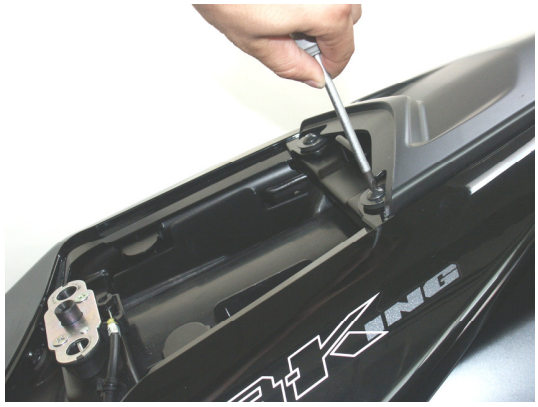


Figure 13



Figure 14



Figure 15

6. Unscrew the plastic fasteners and bolts than remove the muffler's plastic cover and the heat shield from stock muffler **(Figure 16, 17, 18, 19, 20).**



Figure 16



Figure 17



Figure 18



Figure 19



Figure 20

7. Disconnect the electrical connector for the rear lights, unscrew the bolts and remove the license plate holder with signal lamps **(Figure 21, 22, 23, 24, 25).**



Figure 21



Figure 22



Figure 23



Figure 24



Figure 25

8. Unscrew the bolts and remove the stock bracket for the license plate holder with signal lamps **(Figure 26, 27, 28).**



Figure 26



Figure 27



Figure 28

9. Untighten the bolt of the metal clamp at the muffler-link pipe joint **(Figure 29).** Unscrew and remove the bolts from the muffler bracket and remove the stock muffler **(Figure 30, 31). WARNING! support the muffler with your hand during this procedure or it may fall of and damage you or the motorcycle!**

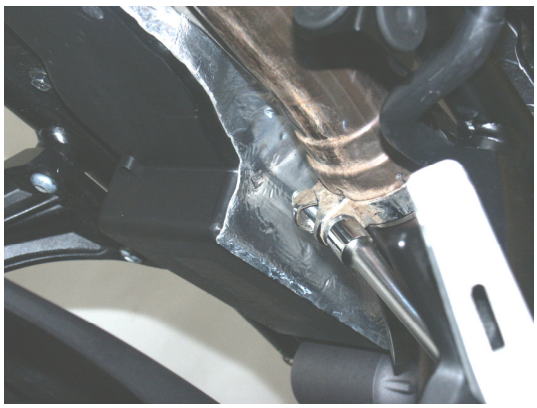


Figure 29



Figure 30



Figure 31

INSTALLATION OF THE AKRAPOVIC SLIP-ON EXHAUST SYSTEM:

1. Turn around the metal collars **(Figure 32, 33).**



Figure 32



Figure 33

2. Coat the bolt and interior of metal clamp with Akrapovic anti-seize lead-free copper paste (black tube) and correctly install the metal clamp onto the link pipe **(Figure 34, 35).**



Figure 34



Figure 35

3. Position the mufflers correctly and slide them onto the outlet side of the link pipes **(Figure 36).** Position and attach the springs **(Figure 37). WARNING! make sure, that springs pull the mufflers all the way onto the link pipes – use rubber mallet if necessary to tap the connections into place!**



Figure 36



Figure 37

4. Slide the link pipe with the mufflers onto the stock collector and hand tighten the bolt of link-pipe clamp **(Figure 38). WARNING! Correctly position the carbon-fiber clamps (LEFT muffler TZ17/CZ17 ; RIGHT muffler TZ16/CZ16) and slide them onto the mufflers (Figure 39).**

WARNING! open the clamps slightly wider than the diameter of the outer sleeves of the mufflers – do not scrape them along the mufflers outer sleeves!



Figure 38



Figure 39

5. Align the mufflers in respect to the motorcycle and tighten the carbon-fiber clamps onto the stock chassis hanging bracket using the stock bolts, washers and nuts and tighten the metal clamp (**Figure 40, 41, 42).** Make sure that the mufflers are centered with respect to the motorcycle before you tighten the carbon fiber clamps and metal clamp bolts. Make sure the link pipe or mufflers are not touching the frame and other parts of the motorcycle.



Figure 40



Figure 41

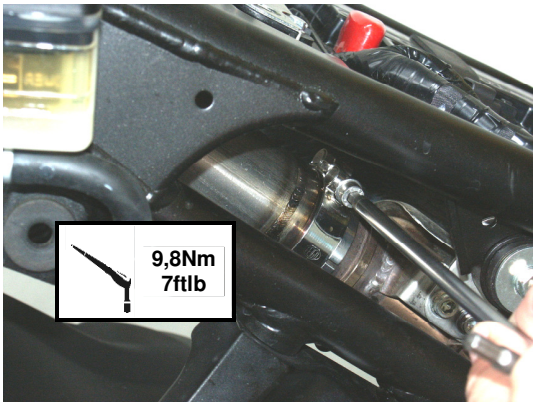


Figure 42

6. For easier mounting assemble the additional Akrapovic metal bracket with license plate holder and signal lamps. Use Akrapovic bolt sealant on the threads of the additional Akrapovic bolts **(Figure 43, 44, 45).**



Figure 43



Figure 44

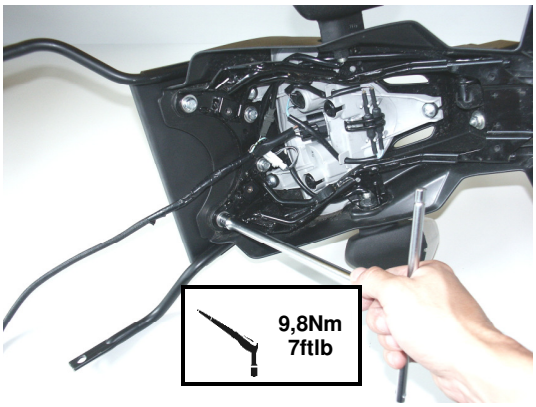


Figure 45

7. Replace the rubber dampers from stock metal bracket to additional Akrapovic metal bracket with license plate holder and signal lamps **(Figure 46, 47).**



Figure 46



Figure 47

8. Install the additional Akrapovic metal bracket with license plate holder and signal lamps. Use Akrapovic bolt sealant on the threads of the stock bolts and tighten the bolts **(Figure 48, 49, 50, 51).**



Figure 48

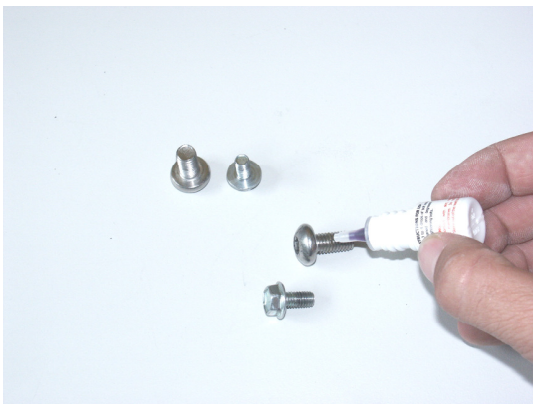


Figure 49

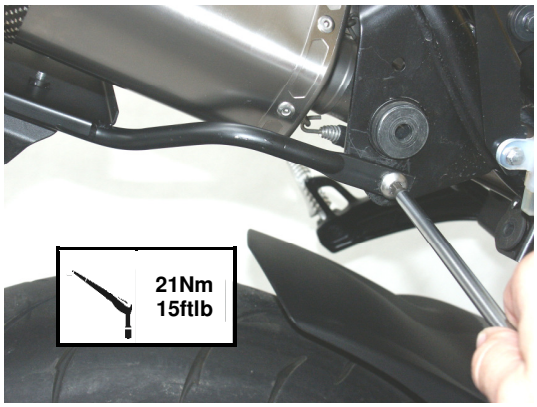


Figure 50

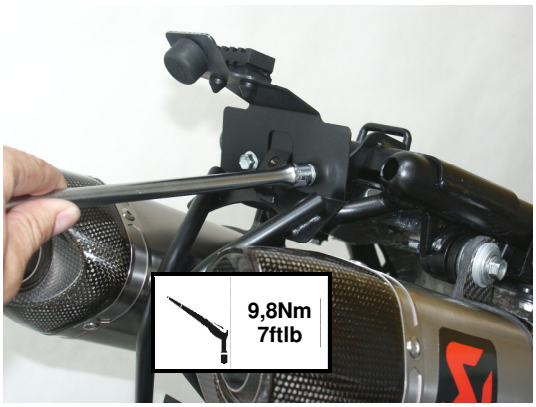


Figure 51

9. Install the muffler's plastic cover and additional Akrapovic muffler's plastic cover brackets. Tighten the bolts and plastic fasteners **(Figure 52, 53, 54, 55, 56).**



Figure 52

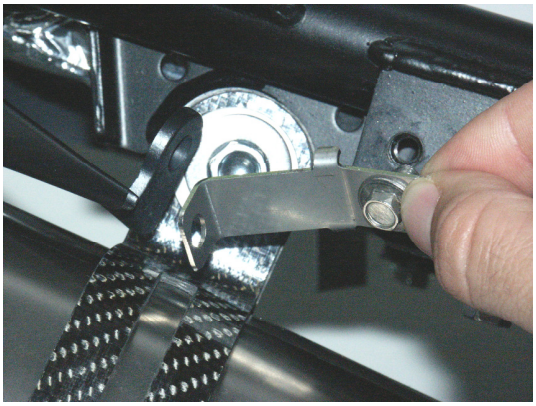


Figure 53

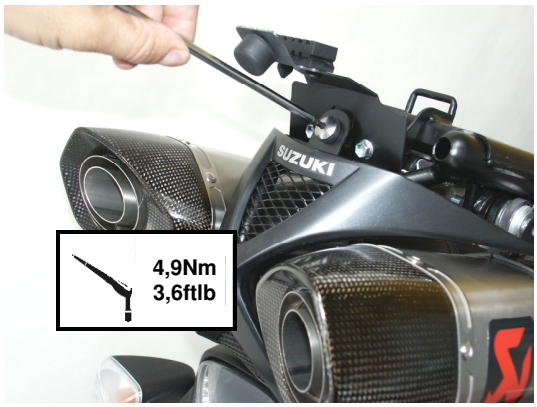


Figure 54



Figure 55

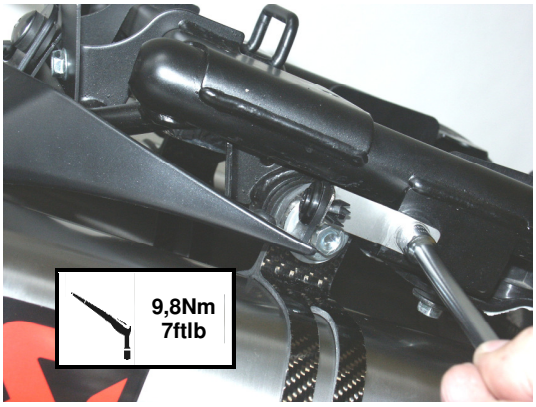


Figure 56

10. Reinstall the mudguard and tighten the bolts **(Figure 57, 58, 59).**



Figure 57

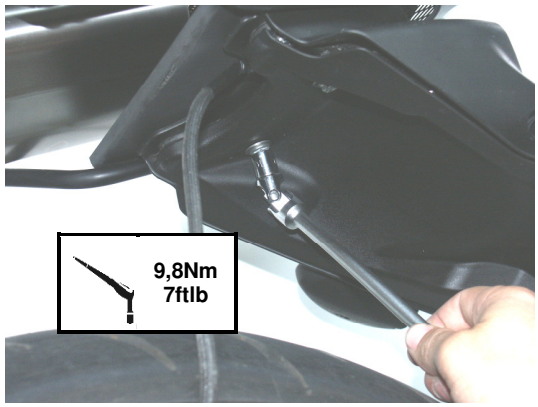


Figure 58

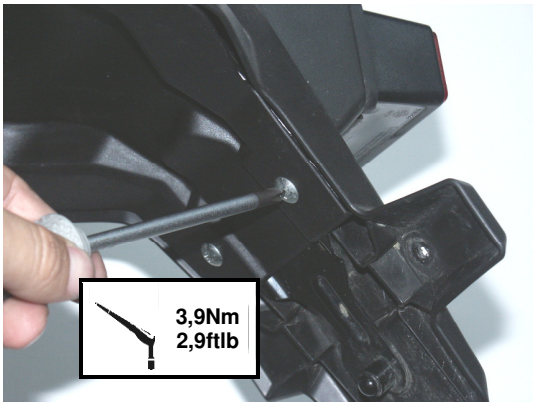


Figure 59

11. Unscrew the bolt of sub-frame's mudguard and gently band the mudguard. Insert the electrical connector for the rear lights between the sub-frame and the mudguard. Attach the electrical lead onto additional Akrapovic metal bracket using plastic ties; cut away excess tie. **WARNING! make sure that the electrical lead is not touching the link pipe or the muffler.** Tighten the bolt of sub-frame's mudguard **(Figure 60, 61, 62, 63, 64, 65).**



Figure 60

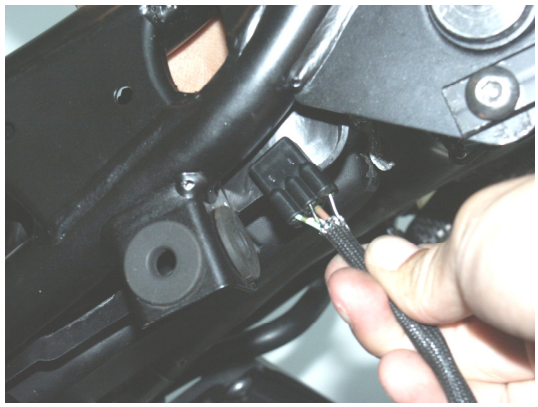


Figure 61



Figure 62

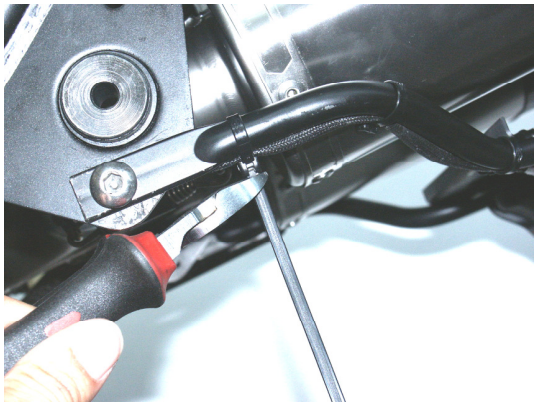


Figure 63



Figure 64

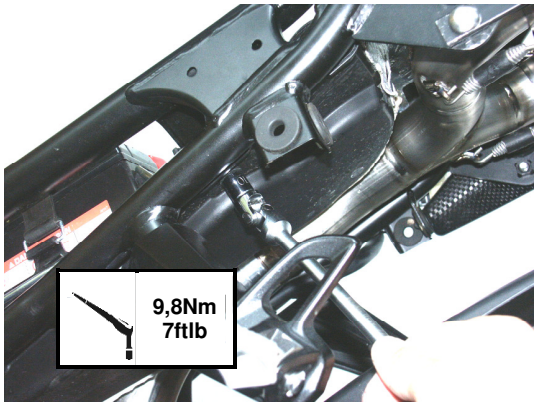


Figure 65

12. Install the mufflers carbon fiber heat shields - use the bolts, washers and nuts supplied in the Akrapovic kit **(Figure 66, 67, 68, 69, 70).**



Figure 66



Figure 67



Figure 68



Figure 69

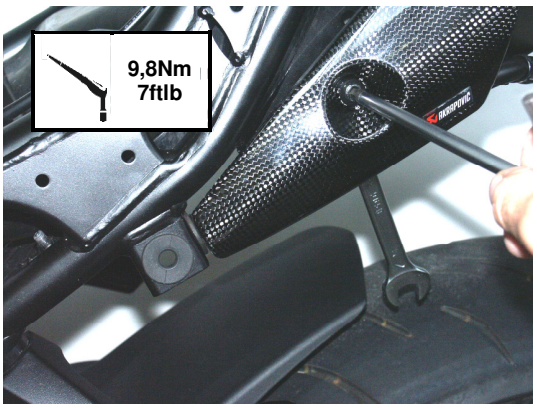


Figure 70

13. Connect the electrical lead connector, reattach the fastback, hook the cable for locking / unlocking the seat. Reattach the side panels, rider's seat and the passenger's seat in the reverse order from the order in which they were removed **(Figure 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81).**



Figure 71



Figure 72

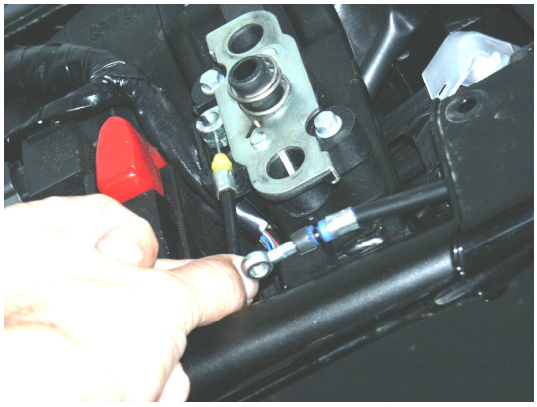


Figure 73

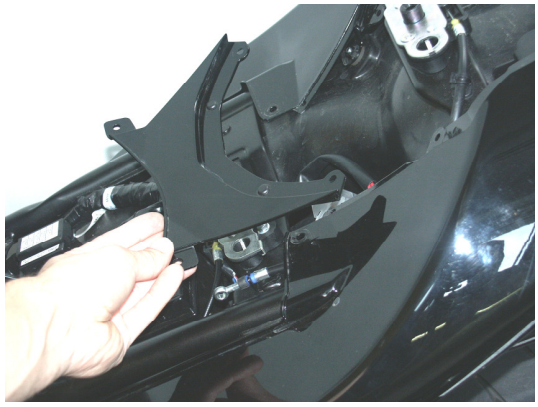


Figure 74

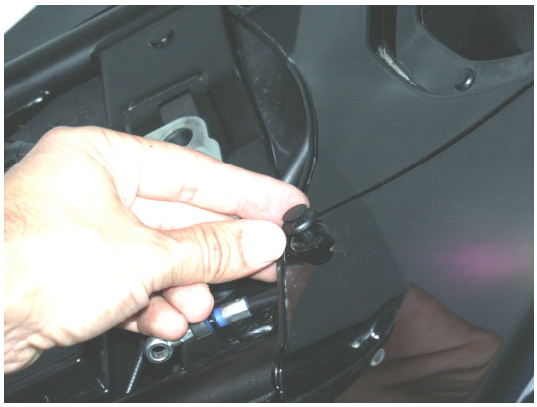


Figure 75



Figure 76

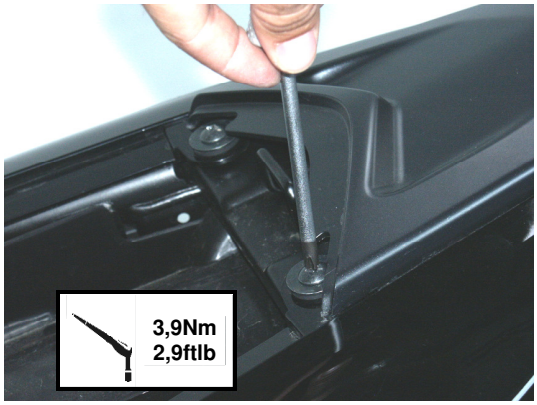


Figure 77

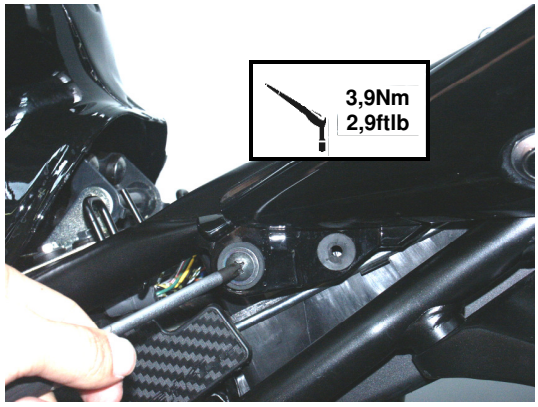


Figure 78



Figure 79



Figure 80



Figure 81

Final installation:

1. Clean grease spots:
    a. Muffler – carbon-fiber outer sleeve: use a soft dry cloth.
    b. Muffler – titanium outer sleeve: use a soft cloth sprayed with a multi-purpose spray lubricant (WD-40 or equivalent).
    c. Muffler – carbon-fiber outlet cap: use a soft dry cloth.
    d. Titanium link pipe: use a soft cloth sprayed with a multi-purpose spray lubricant (WD-40 or equivalent).
    e. Titanium inlet cap and welded link pipe: 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.

Position of the correctly installed Akrapovic **SLIP-ON** system **(Figure 82).**



Figure 82

2. **Check the operation of the brakes and suspension. 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.**

!	**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 AKRAPOVIC EXHAUST SYSTEMS.**

MAINTENANCE OF THE AKRAPOVIC 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. Do not use aggressive chemical cleaners, because they can damage the sticker. A change in the color of the exhaust system is normal due to the high temperatures.
2. The wearing out of the muffler silencing material depends on the type of the engine and riding style. Contact your dealer/serviceman if visible changes appear on muffler's outer sleeve or the noise level is increased.
3. Periodically make sure all the bolts and springs are sufficiently tight.