



## AKRAPOVIC RACING & EVOLUTION EXHAUST SYSTEM for the KAWASAKI ZZR 1400 2008

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

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 Akrapovic exhaust system. When installing the Akrapovic exhaust system be careful that the exhaust system does not touch other parts sensitive to high temperature.
2. 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.
3. Do not attempt to install the Akrapovic exhaust system on a motorcycle for which it was not made or tested by Akrapovic.
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 motor is not running. Also protect other people, especially children, from the injuries mentioned above.
5. 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

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#### Akrapovic website

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

#### Copyright


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#### Symbols

The following symbols are used throughout these installation instructions:



 **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!**

**!** 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 10mm wrench  
T-handle 14mm wrench  
T-handle 12mm swiveling wrench  
T-handle 4mm three hexagon key wrench  
T-handle 5mm three hexagon key wrench  
T-handle 6mm three hexagon key wrench  
Combination 14mm wrench  
Combination 17mm wrench  
Spring puller

### **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. Unscrew the bolts from the metal clamp at the muffler - collector joint, link-pipe bracket and muffler sub-frame bracket. Remove the muffler. Perform the process on both sides of the motorcycle (**Figure 1, 2, 3, 4**).



Figure 1



Figure 2



Figure 3



Figure 4

3. Remove the left and right cowling and disconnect the turn signals electrical connectors (Figure 5, 6, 7, 8, 9, 10, 11).



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11

4. Unscrew the bolt from the water cooler hanging bracket and slightly remove the cooler. **WARNING! do not disconnect the cooling system tubes!** Make sure not to damage the cooling fins (Figure 12, 13).



Figure 12



Figure 13

5. Disconnect the lambda electrical connector (Figure 14). Unscrew the lambda sensor (Figure 15, 16).



Figure 14



Figure 15



Figure 16

6. Unscrew the nuts from the header tube flanges; make sure not to damage the cooling fins and remove the stock header tubes (Figure 17, 18).



Figure 17



Figure 18

**INSTALLATION OF THE AKRAPOVIC RACING OR EVOLUTION EXHAUST SYSTEM:**

1. Set up the sleeves together with the flanges and springs; make sure they are correctly oriented and that the holes for attaching the springs line up with the loops on the header tubes; do not tighten up the flanges; **WARNING! make sure not to damage the cooling fins** (Figure 19, 20).



Figure 19



Figure 20

2. Insert the header tubes properly and attach the springs; make sure not to damage the cooling fins. **WARNING! make sure, that springs pull the headers all the way into the sleeves – use rubber mallet if necessary to tap the connections into place!** (Figure 21).

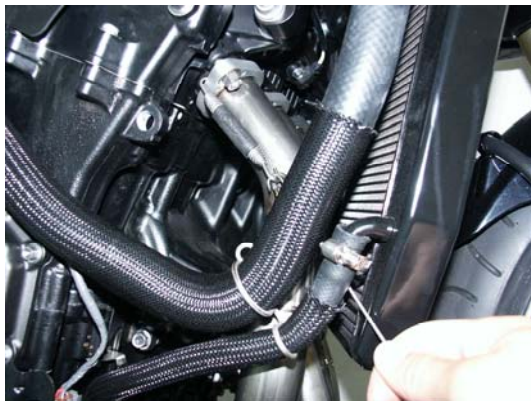


Figure 21

3. Slide the collectors onto the header tubes and attach the springs. Make sure the collectors are correctly oriented. **For Evolution exhaust only:** coat the interior side of the input bushes of the titanium collectors with Akrapovic ceramic anti-seizing grease (white tube). **WARNING! make sure, that springs pull the collectors all the way onto the headers – use rubber mallet if necessary to tap the connections into place!** (Figure 22, 23).

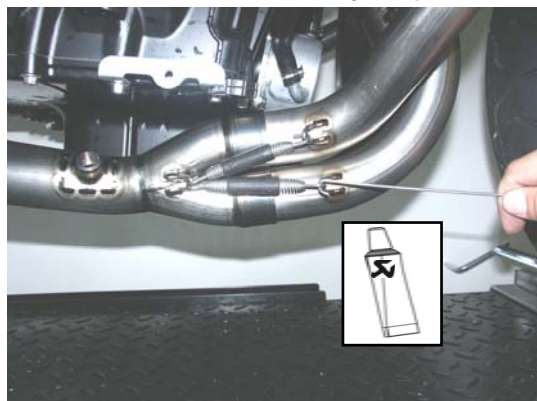


Figure 22



Figure 23

4. Slide the link pipe onto the collectors and attach the springs. **For Evolution exhaust only:** coat the interior side of the input bushes of the titanium link-pipe with Akrapovic ceramic anti-seizing grease (white tube). **WARNING! make sure, that springs pull the link pipe all the way onto the collector– use rubber mallet if necessary to tap the connections into place!** (Figure 24, 25).



Figure 24



Figure 25

5. Tighten the lambda sensor; make sure not to damage the sensor's electrical lead. **WARNING! grease only the threads of the lambda sensor with Akrapovic anti-seize lead-free copper paste (black tube)! (Figure 26, 27).** Fix the lambda sensor electrical lead with plastic tie onto the metal bracket (Figure 28, 29).

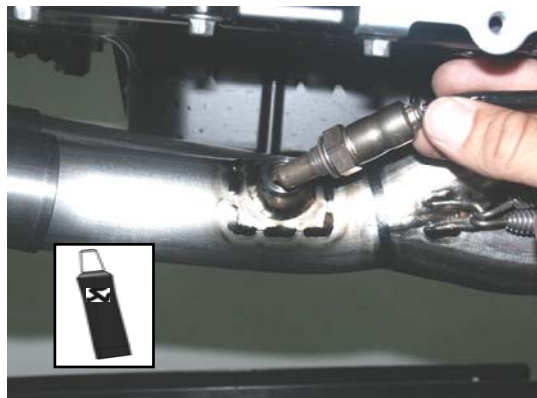


Figure 26

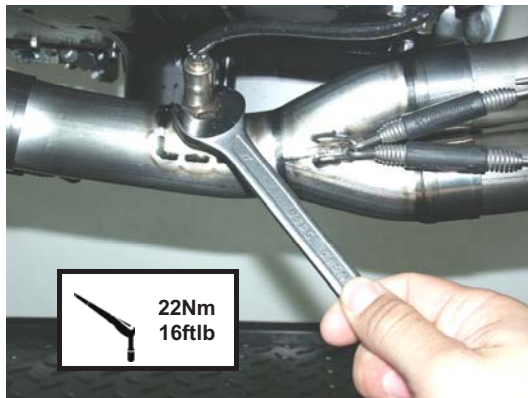


Figure 27



Figure 28



Figure 29

6. Hand tighten the link-pipe bracket to stock bracket. Use the stock bolt, washers and nut (Figure 30, 31).



Figure 30



Figure 31

7. Correctly position the carbon-fiber clamp and slide it onto the muffler - bear in mind **the left offset** of the carbon-fiber clamp viewed from the rear. **WARNING! open the clamp to slightly wider than the diameter of the outer sleeve of the muffler – do not scrape it along the muffler outer sleeve! (Figure 32).** Position the muffler correctly and slide it onto the outlet side of the link pipe (**For Evolution exhaust only:** coat the interior side of the input bushes of the mufflers with Akrapovic ceramic anti-seizing grease-white tube), hand tighten the muffler clamp to the bracket and attach the springs. **WARNING! make sure, that springs pull the muffler all the way onto the link pipe – use rubber mallet if necessary to tap the connection into place! (Figure 33, 34, 35).**



Figure 32



Figure 33



Figure 34



Figure 35

8. Align the muffler in respect to the motorcycle and tighten up the muffler clamp onto the stock muffler bracket. Tighten the bolt of the link-pipe bracket to stock bracket. Tighten the flanges and the bolt for the water cooler hanging bracket (**Figure 36, 37, 38, 39**). Make sure the link pipe or muffler are not touching the frame, swing arm or any other part of the motorcycle. Attach the cowlings in the reverse order from the order in which they were removed and connect the turn signals electrical connectors. (**Figure 40, 41, 42, 43**).

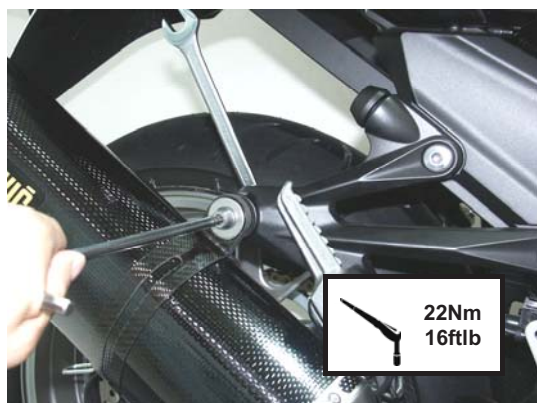


Figure 36

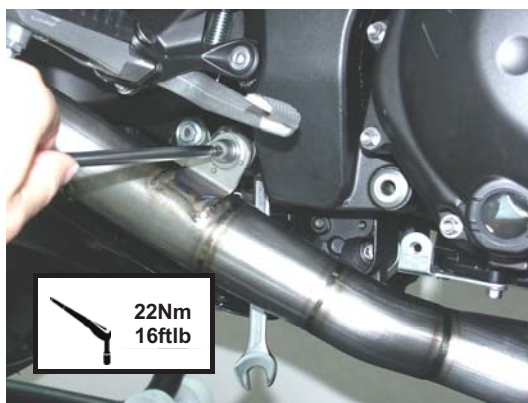


Figure 37

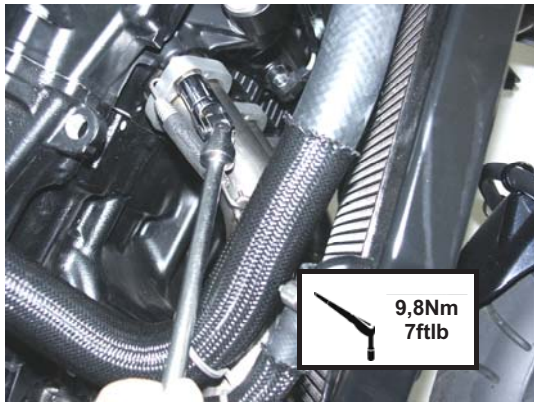


Figure 38

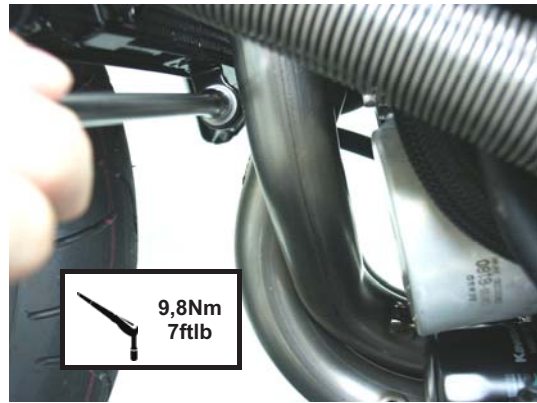


Figure 39



Figure 40



Figure 41

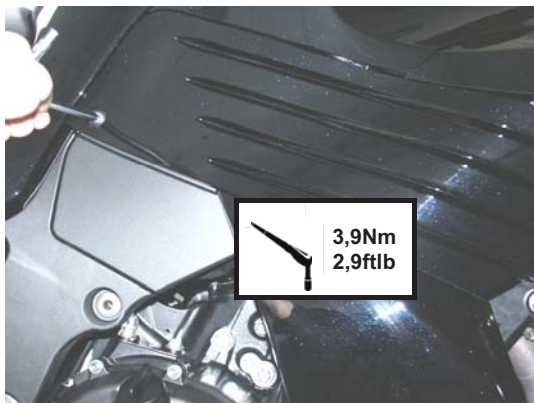


Figure 42

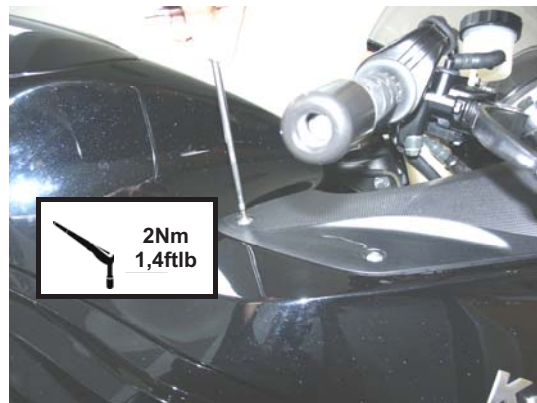


Figure 43

**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. RACING - stainless steel link pipe, collectors and header tubes: use a soft cloth sprayed with a contact cleaner, then wipe with a soft dry cloth
  - e. EVOLUTION - titanium link pipe, collectors and header tubes : 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 **RACING** or **EVOLUTION** system (Figure 44).



*Figure 44*

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.**

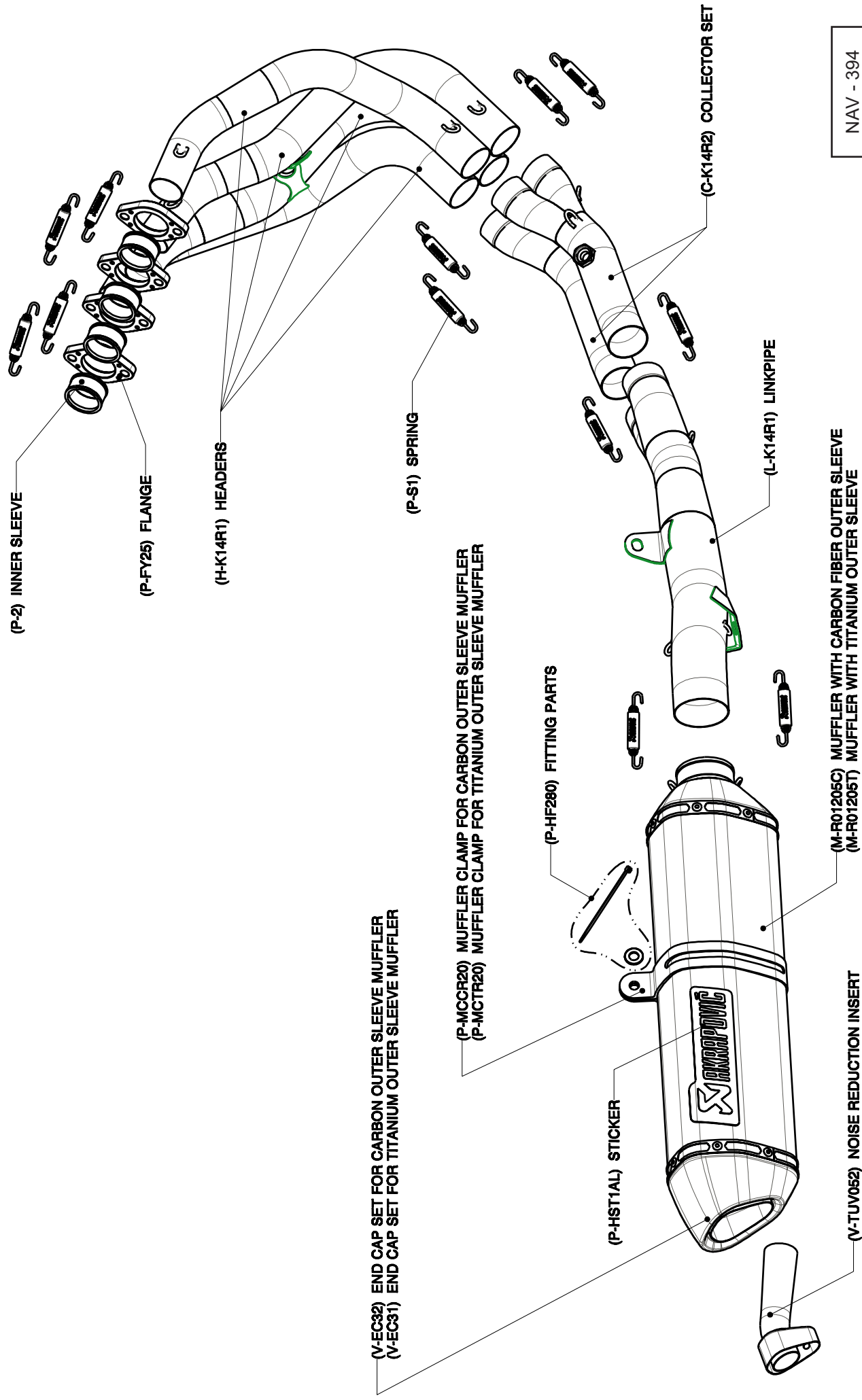
**! DO NOT USE AUTOMOTIVE WHEEL CLEANERS OR ANY CLEANING PRODUCTS WHICH CONTAIN ACIDIC ADDITIVES TO CLEAN AKRAPOVIC EXHAUST SYSTEMS.**

**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.

**KAWASAKI ZZR 1400 (ZX14)/ Complete exhaust system/ RACING LINE, Model year: 2008**

**Product code: S-K14R2-RC  
S-K14R2-RT**



**KAWASAKI ZZR 1400 (ZX14)/ Complete exhaust system/ EVOLUTION LINE, Model year: 2008**

**Product code: S-K14RFT2T-RC  
S-K14RFT2T-RT**

