



AKRAPOVIC RACING & EVOLUTION EXHAUST SYSTEM for the KAWASAKI ZZR1400 (2006 - 2007)

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/>

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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 4mm three hexagon key wrench
T-handle 5mm three hexagon key wrench
T-handle 6mm three hexagon key wrench
T-handle swiveling 10mm wrench
T-handle swiveling 12mm wrench
Combination 14mm wrench
Screwdriver for headless slotted screws
Spring puller

REMOVAL OF STOCK EXHAUST SYSTEM:

1. 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

2. Remove the lower parts of the cowling (Figure 5, 6, 7, 8).

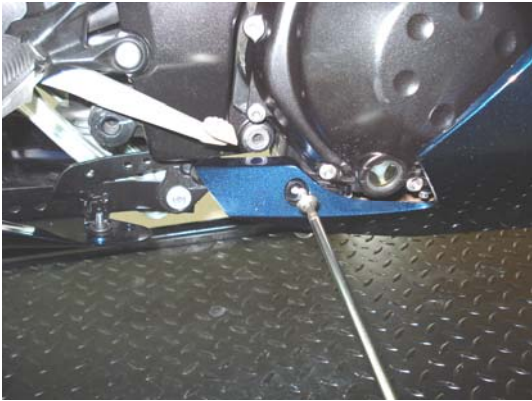


Figure 5



Figure 6

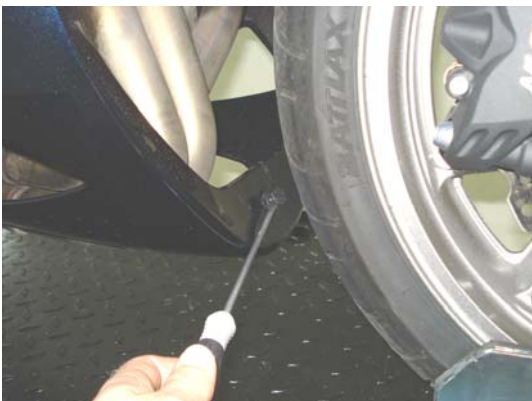


Figure 7



Figure 8

3. Unscrew the lower cooler bracket and partially remove the water cooler (**Figure 9**). **WARNING! Do not disconnect the cooling system tubes!** Unscrew the bolts from the header tube flanges and remove stock headers ; Make sure not to damage the cooling fins (**Figure 10, 11**).



Figure 9



Figure 10



Figure 11

INSTALLATION OF THE AKRAPOVIC RACING OR EVOLUTION EXHAUST SYSTEM:

1. Set up the sleeves together with the flanges, stock gaskets and springs; make sure they are correctly oriented (**Figure 12, 13, 14**). Tighten the flanges (to specified torque) ; make sure not to damage the cooling fins.



Figure 12



Figure 13

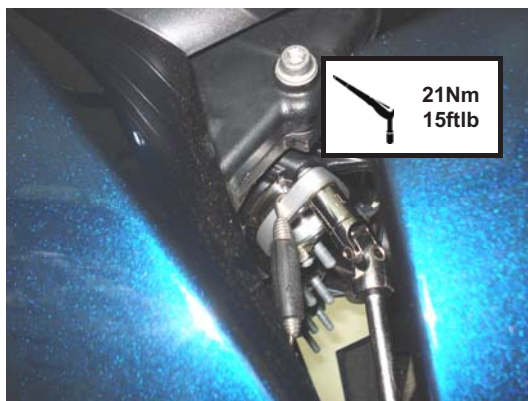


Figure 14

2. Insert the header tubes properly and attach the springs; make sure not to damage the cooling fins (Figure 15, 16). Make sure the header tubes are not touching the engine, other tubes, electrical installations etc. Attach the cooler bracket to the cooler (Figure 17).



Figure 15



Figure 16

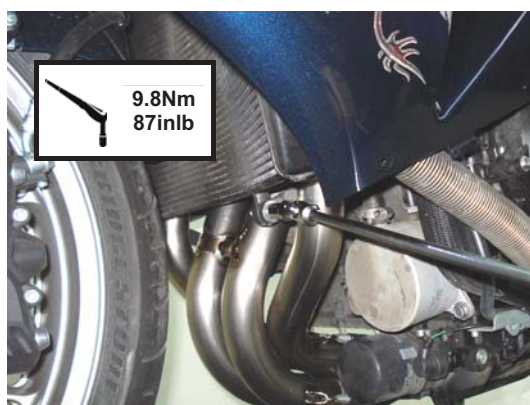


Figure 17

3. Make sure the collectors are correctly oriented. Slide the collectors onto the header tubes and attach the springs (**Figure 18, 19**). **For Evolution exhaust only:** coat the interior side of the input bushes of the titanium collector with Akrapovic ceramic anti-seizing grease (white tube).

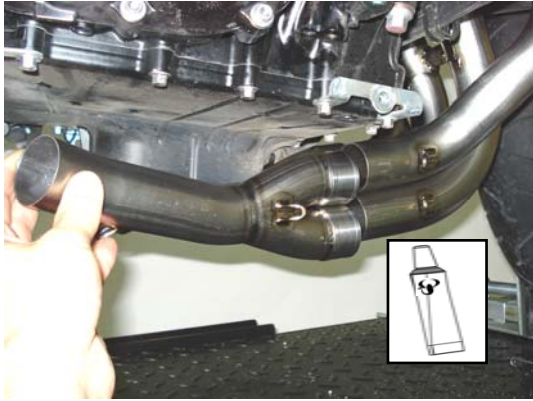


Figure 18



Figure 19

4. Slide the link pipe onto the collectors and attach the springs (**Figure 20, 21**). **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). Tighten the link-pipe bracket to stock bracket (**Figure 22, 23**).

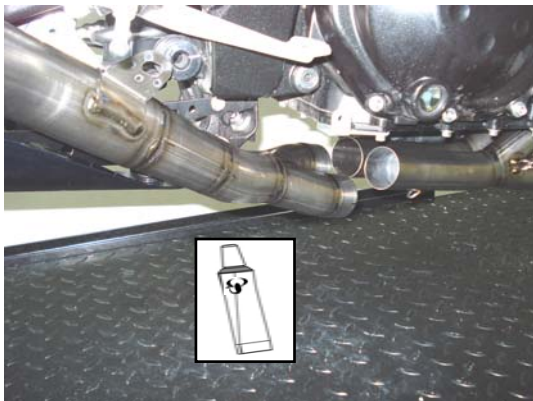


Figure 20



Figure 21



Figure 22

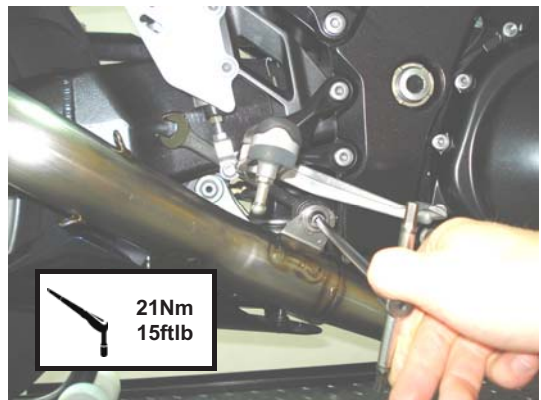


Figure 23

- Position the muffler correctly and slide it onto the outlet side of the link pipe (**Figure 24**). Attach the springs (**Figure 25**). **For Evolution exhaust only:** coat the interior side of the input of the muffler with Akrapovic ceramic anti-seizing grease (white tube). 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 26**). Tighten the bolt on the carbon-fiber clamp/stock muffler bracket joint (**Figure 27, 28, 29**). Make sure the link pipe or muffler are not touching the frame and other parts.



Figure 24



Figure 25



Figure 26



Figure 27



Figure 28



Figure 29

- Reassemble all of the dismantled cowlings in the reverse order from the order in which they were removed (**Figure 30, 31**). Remove the rubber damper and metal collars from the left stock muffler bracket.

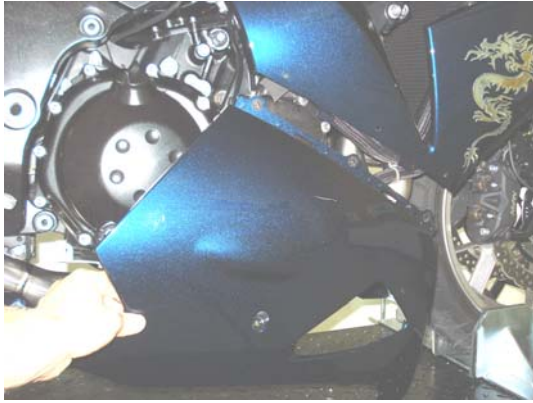


Figure 30

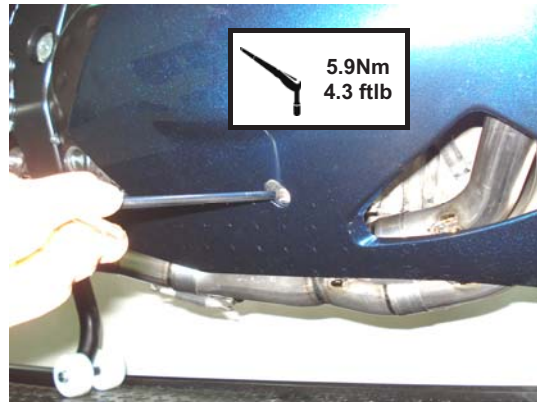


Figure 31

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 32).



Figure 32

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.

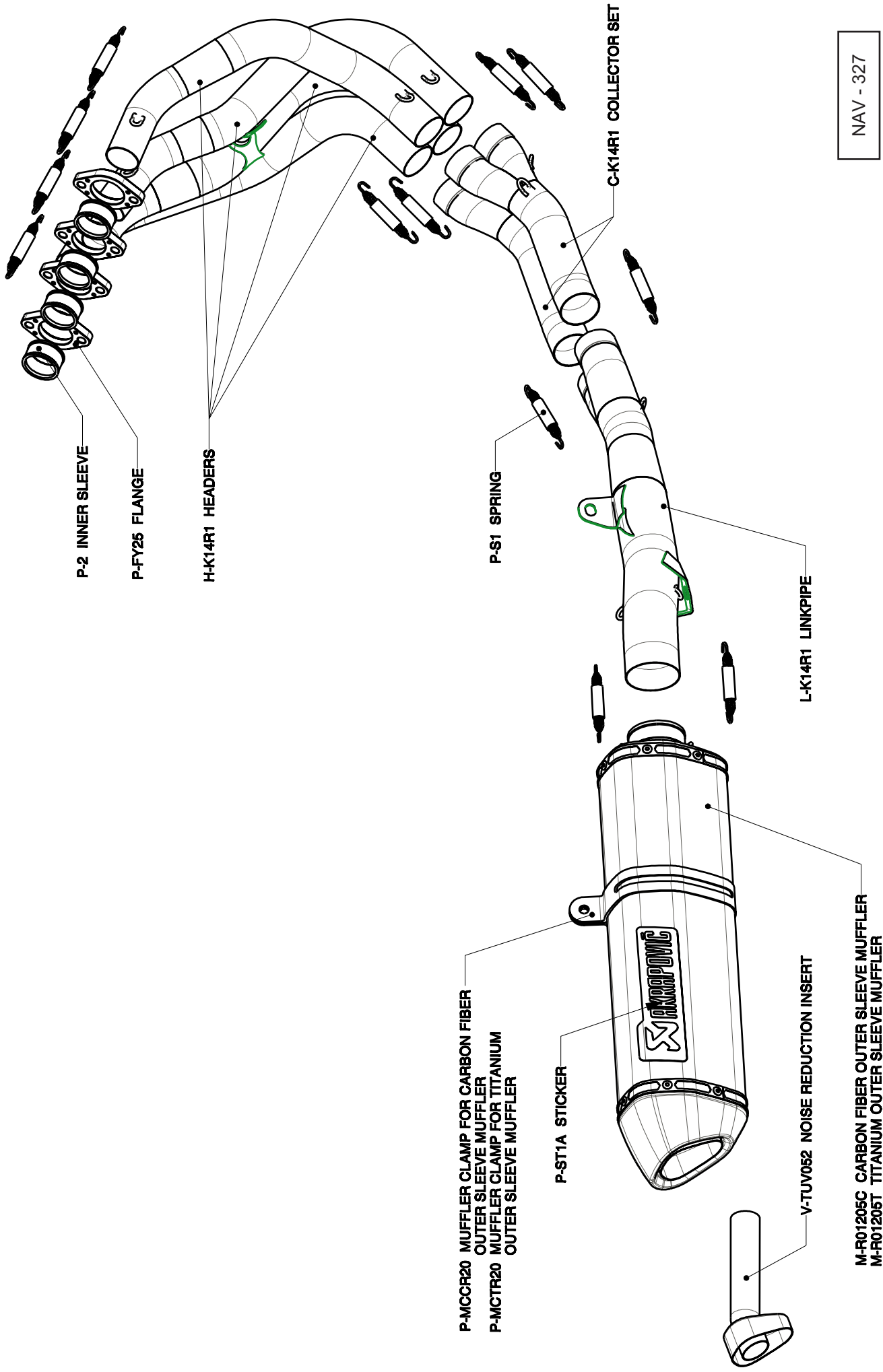
! DO NOT USE AUTOMOTIVE WHEEL CLEANERS OR ANY CLEANING PRODUCTS WHICH CONTAIN ACIDIC ADDITIVES TO CLEAN AKRAPOVIC EXHAUST SYSTEMS.

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/ Complete exhaust system/ RACING LINE, Model year: 2006 - 2007/ OPEN

**Product code: S-K14R1-RC
S-K14R1-RT**



KAWASAKI ZZR 1400/ Complete exhaust system/ EVOLUTION LINE, Model year: 2006 - 2007/ OPEN

Product code: S-K14RFT1T-RC
S-K14RFT1T-RT

