

Installation instructions:

AKRAPOVIC RACING&EVOLUTION EXHAUST SYSTEM for the HONDA CBR600RR (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

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

Akrapovic website

Information about Akrapovic exhaust systems and related products is available on the Akrapovic website at:

<http://www.akrapovic-exhaust.com/>

Copyright

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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!

 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 13mm wrench
T-handle swiveling 10mm wrench
T-handle 4mm three hexagon key wrench
T-handle 5mm three hexagon key wrench
T-handle 8mm three hexagon key wrench
Combination 8mm wrench
Combination 10mm wrench
Combination 22mm 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. Remove the passenger's and rider's seat (**Figure 1, 2**).



Figure 1



Figure 2

3. Unscrew the bolts from the fastback and remove the fastback (**Figure 3, 4, 5**).

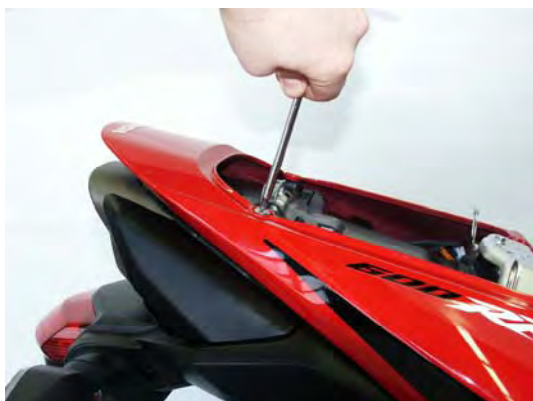


Figure 3



Figure 4



Figure 5

4. Unscrew and remove the licence plate holder with rear light and turn signal lamps. Disconnect the electrical leads first (Figure 6, 7, 8).



Figure 6



Figure 7



Figure 8

5. Unscrew the passenger's footrest bracket, plastic heat shield cover, aluminium heat shield and the bolts from the rider's footrest bracket – **do not disconnect the brake fluid tube!** (Figure 9, 10, 11, 12, 13, 14, 15).



Figure 9



Figure 10



Figure 11



Figure 12



Figure 13



Figure 14



Figure 15

6. Unscrew the bolts from the link-pipe bracket (**Figure 16**) , link-pipe/collector joint metal clamp (**Figure 17**) , muffler brackets (**Figure 18**) and remove the muffler with welded link-pipe (**Figure 19**).



Figure 16



Figure 17



Figure 18



Figure 19

7. Remove the lower and the middle parts of the cowling. Disconnect the electrical leads for the front turn signal lamps (**Figure 20, 21, 22, 23, 24, 25**).

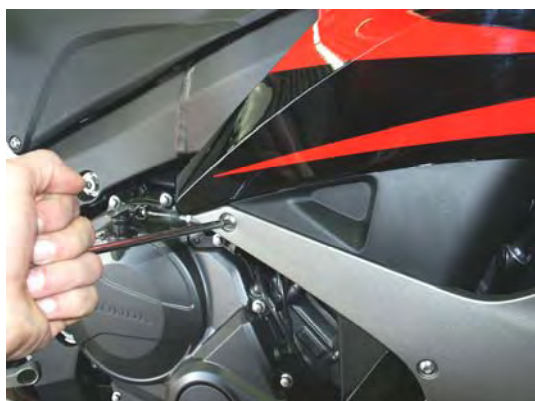


Figure 20



Figure 21



Figure 22



Figure 23



Figure 24



Figure 25

8. Unscrew and remove the lambda sensor (**Figure 26**). Remove the cover of the exhaust valve and servo motor (exup); disconnect and remove the cables on both sides (servo motor and exhaust valve). Reattach the plastic servo motor's cover on its original position (**Figure 27, 28, 29, 30, 31**).



Figure 26



Figure 27



Figure 28



Figure 29



Figure 30



Figure 31

9. Unscrew the bolt from the lower water cooler hanging bracket and slightly remove the cooler – **do not disconnect the cooling system tubes!** Make sure not to damage the cooling fins of the cooler (Figure 32).

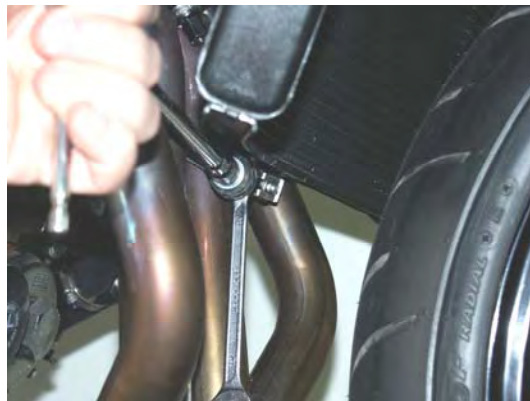


Figure 32

10. Unscrew and remove the nuts from the flanges of the header tubes; make sure not to damage the cooling fins (**Figure 33**).



Figure 33

11. Unscrew and remove the bolts from the collector (header assembly) hanging bracket (**Figure 34**).



Figure 34

12. Remove the header assembly; make sure not to damage the cooling fins (**Figure 35**).



Figure 35

INSTALLATION OF THE AKRAPOVIC RACING OR EVOLUTION EXHAUST SYSTEM:

1. Set up the inner sleeves together with the flanges and springs; make sure they are correctly oriented (**Figure 37**) and that the holes for attaching the springs line up with the loops on the header tubes; tighten the flanges; make sure not to damage the cooling fins of the collar (**Figure 36, 37**).



Figure 36

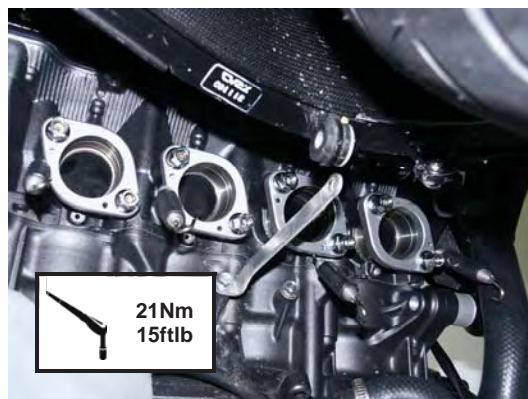


Figure 37

2. insert the header tubes properly and attach the springs ; make sure not to damage the cooling fins (**Figure 38, 39**). Make sure the header tubes are not touching the engine, oil cooler, other tubes, electrical installations etc.

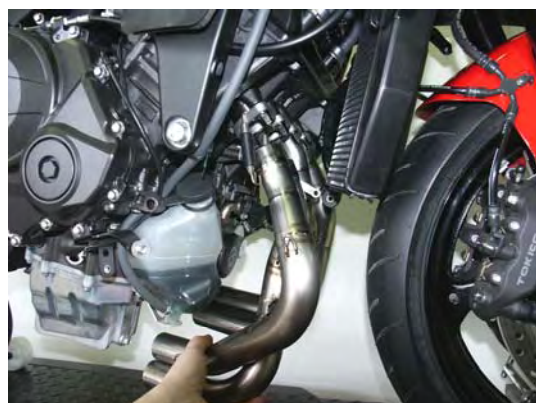


Figure 38



Figure 39

3. Make sure the collectors are correctly oriented. Slide the collectors onto the header tubes (**Figure 40**). Attach the springs (**Figure 41**). Make sure the collectors are not touching the engine, frame or any other parts. **For Evolution exhaust only:** coat the interior side of the input of the titanium collector with Akrapovic ceramic anti-seizing grease (white tube).

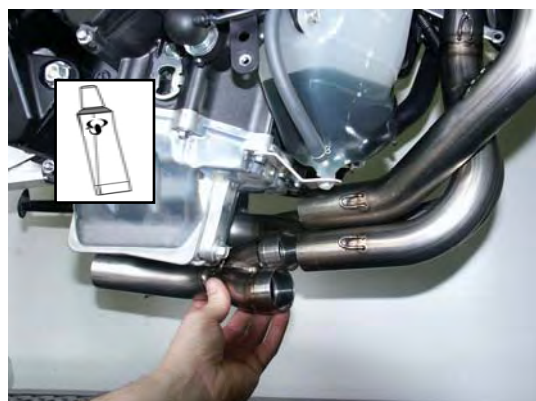


Figure 40



Figure 41

- Slide the link pipe onto the collectors (**Figure 42, 43**). Attach the springs (**Figure 44**). Attach the lower and upper link pipe bracket (**Figure 45, 46**). Make sure the link pipe is not touching the frame and other parts. Attach lambda sensor (**Figure 47**). **For Evolution exhaust only:** coat the interior side of the input of the titanium link pipe with Akrapovic ceramic anti-seizing grease (white tube).

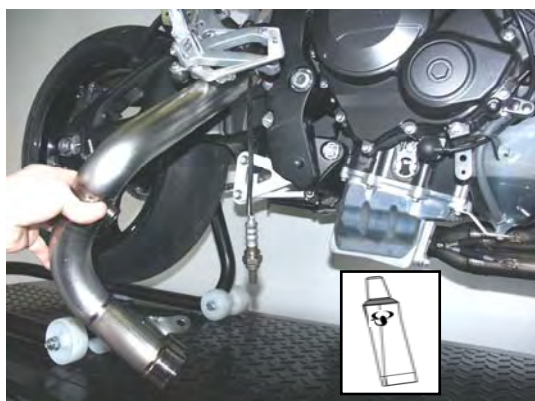


Figure 42



Figure 43



Figure 44

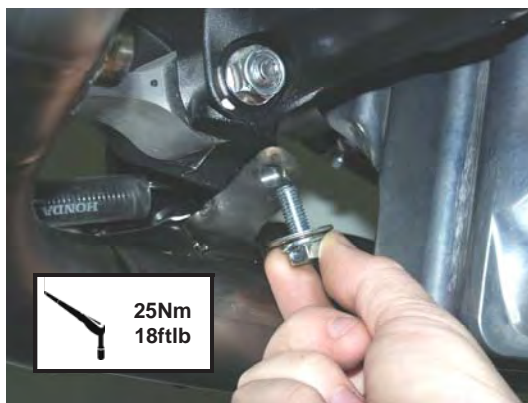


Figure 45

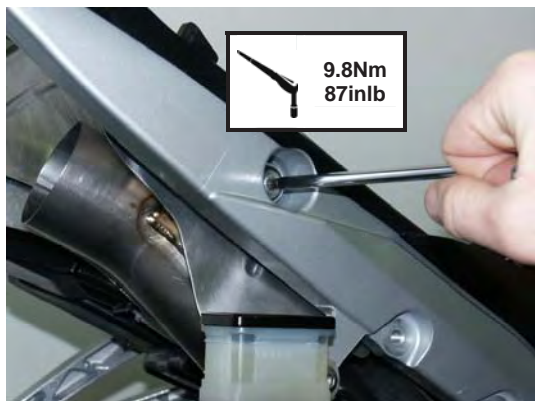


Figure 46

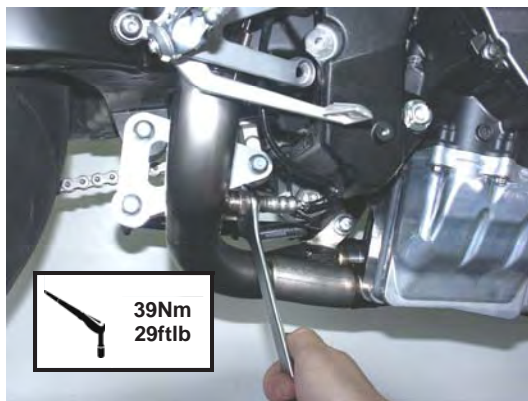


Figure 47

5. Attach the stock aluminium heat shield, rider's and passenger's footrests and plastic heat shield cover in the reverse order from the order in which they were removed (**Figure 48, 49, 50, 51, 52, 53**).

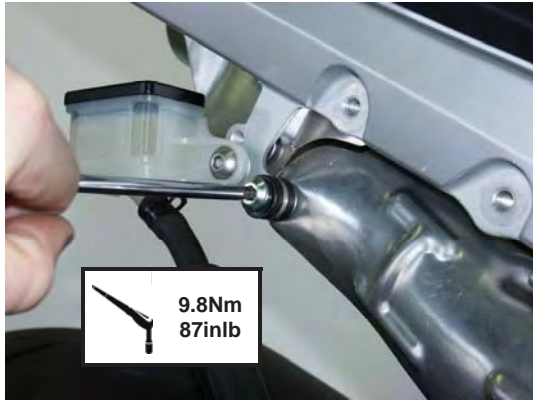


Figure 48

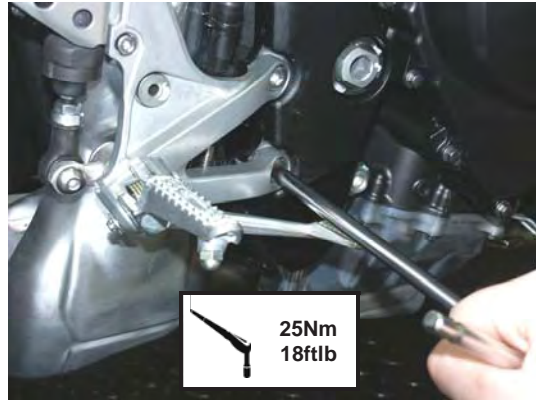


Figure 49

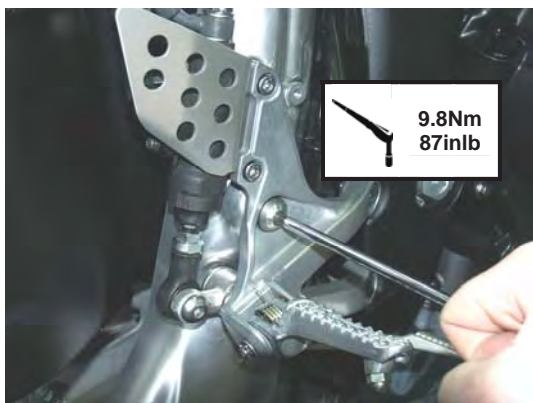


Figure 50



Figure 51

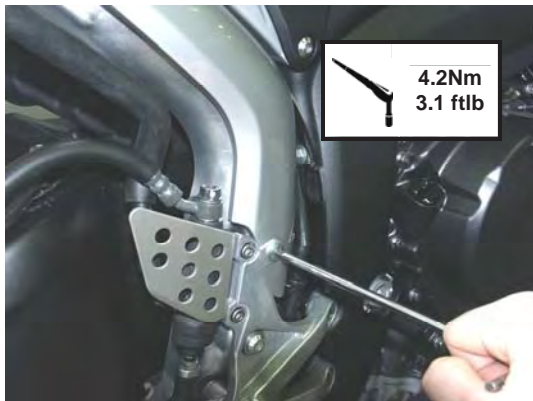


Figure 52

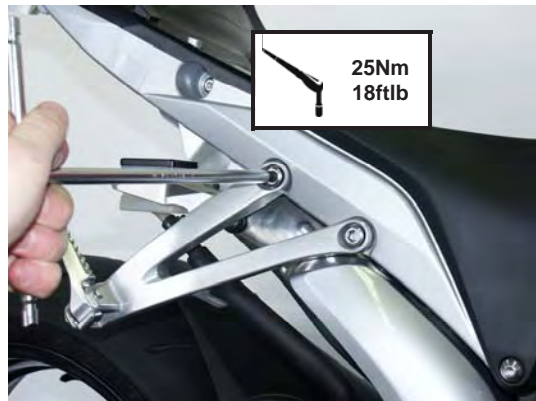


Figure 53

6. Attach the upper part of Akrapovic carbon-fiber clamp onto the subframe. Use stock bolts (**Figure 54, 55**). Bend the stock aluminium heat shield upwards by 2-5mm (or just enough that shield does not touch the Akrapovic muffler!) (**Figure 56**).



Figure 54

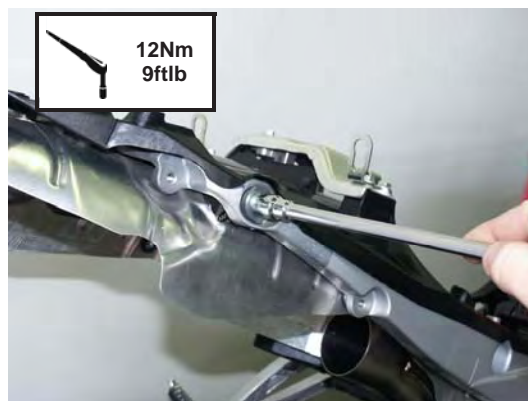


Figure 55



Figure 56

7. Position the muffler correctly and slide it onto the outlet side of the link pipe (**Figure 57**). For Evolution exhaust only: coat the interior side of the input of the muffler with Akrapovic ceramic anti-seizing grease (white tube). Position and attach the spring (**Figure 58**). Tighten the lower part of the Akrapovic carbon-fiber muffler clamp (**Figure 59**).



Figure 57



Figure 58



Figure 59

8. Attach the licence plate holder with rear light and turn signal lamps (connect the electrical leads first), collar bracket and all cowlings in the reverse order from the order in which they were removed. (Figure 60, 61, 62, 63, 64, 65).

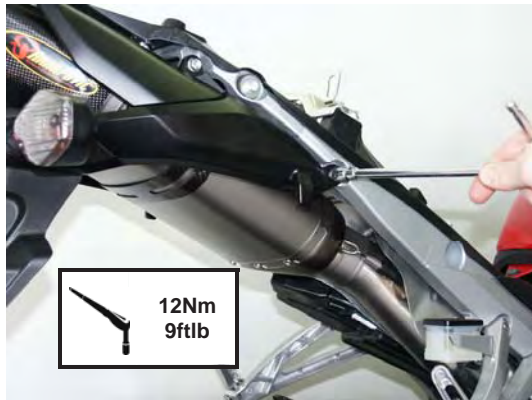


Figure 60



Figure 61



Figure 62



Figure 63



Figure 64

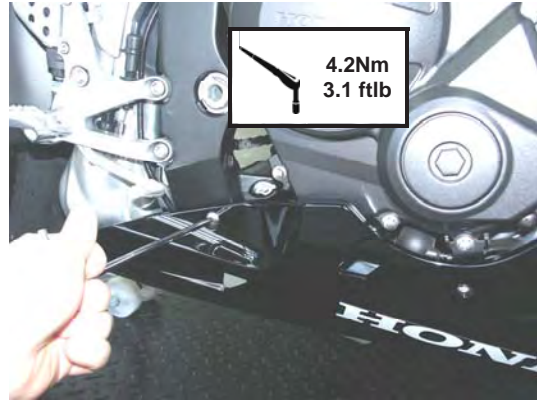


Figure 65

final installation:

1. Clean grease spots:

- a. Muffler – titanium outer sleeve: use a soft cloth sprayed with a multi-purpose spray lubricant (WD-40 or equivalent).
- b. 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
- c. 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 66).



Figure 66

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.

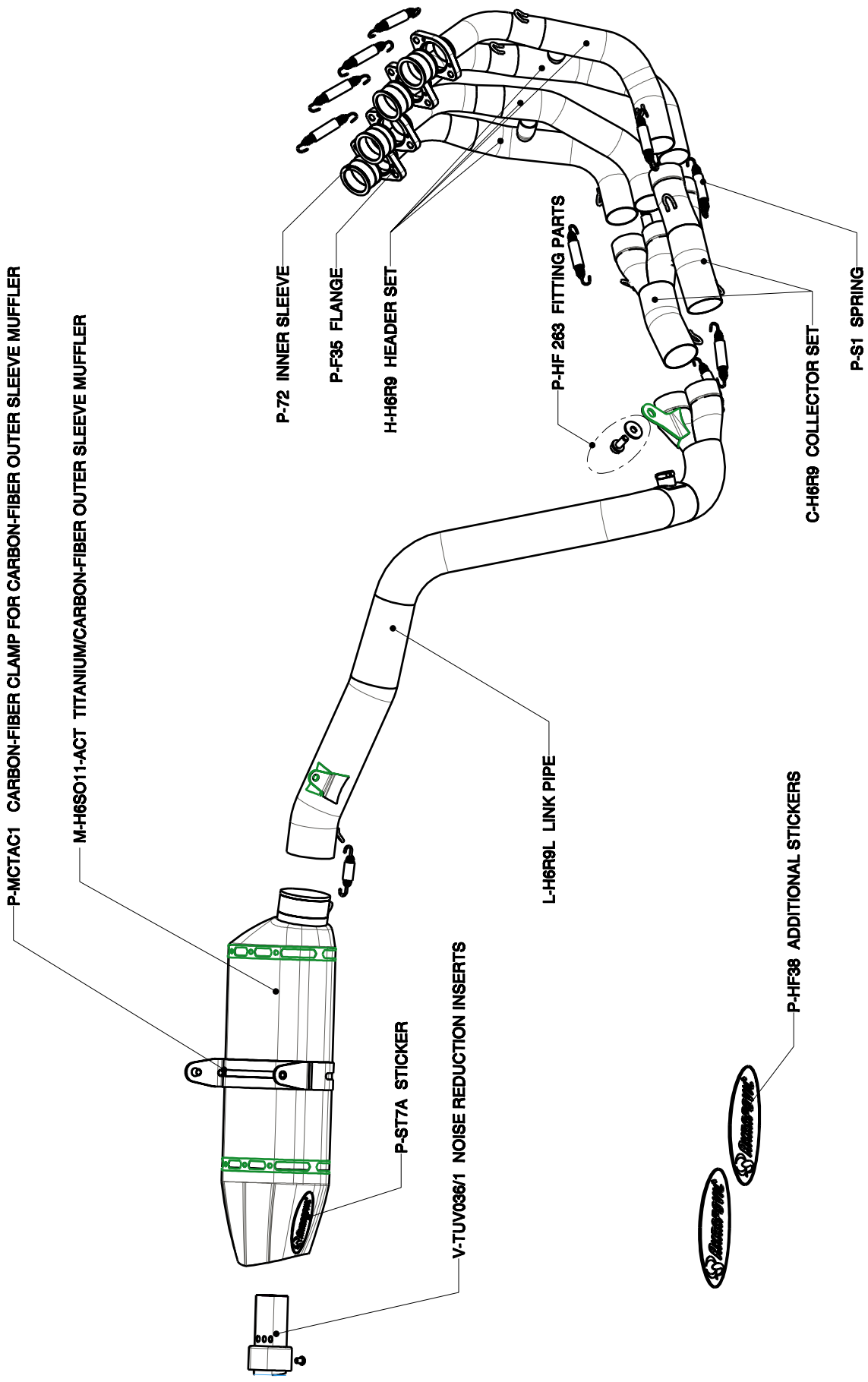
! DO NOT STAND BEHIND THE MUFFLER ON FIRST OPERATION.

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

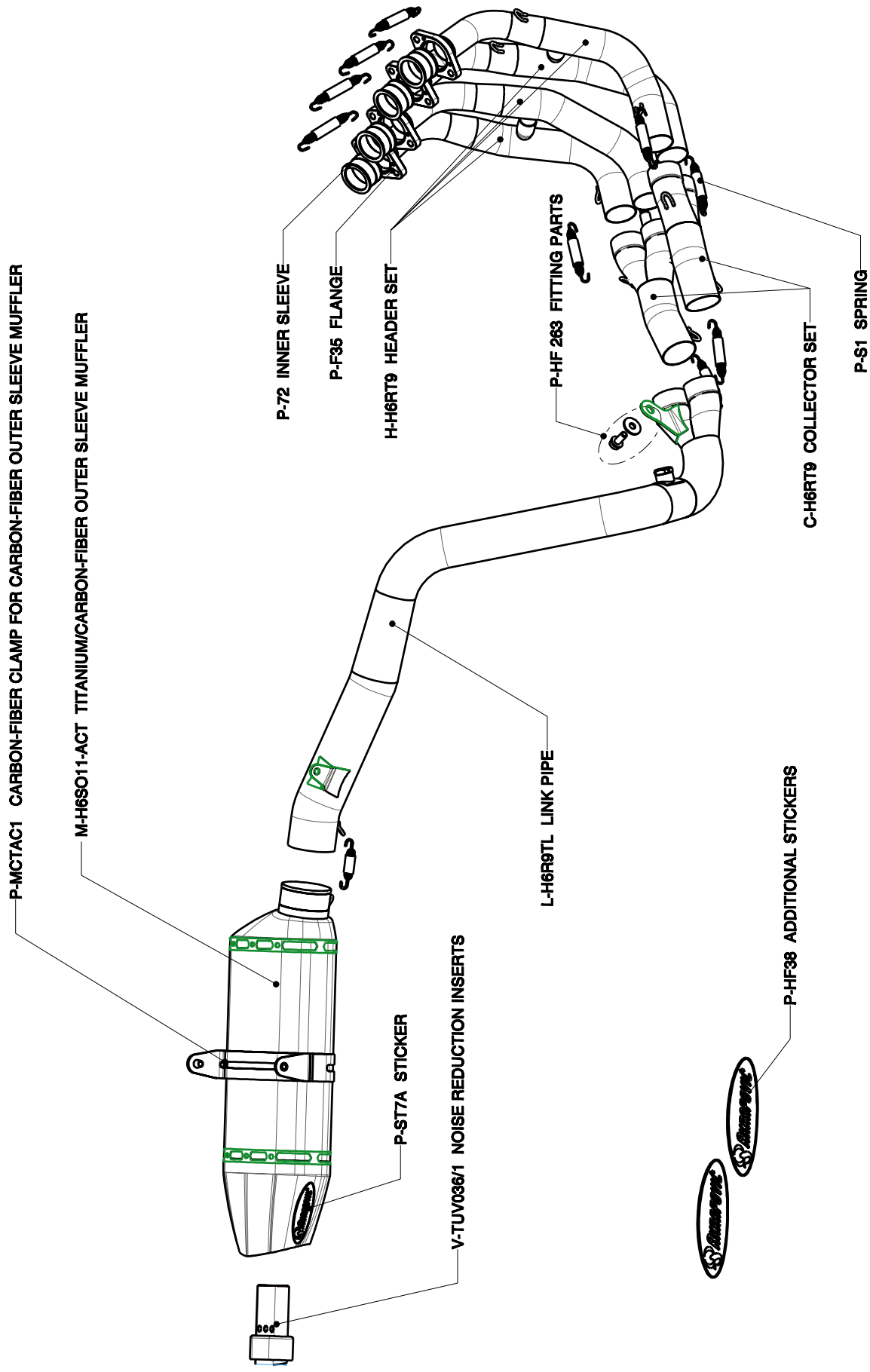
MAINTENANCE OF THE AKRAPOVIC EXHAUST SYSTEM

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.

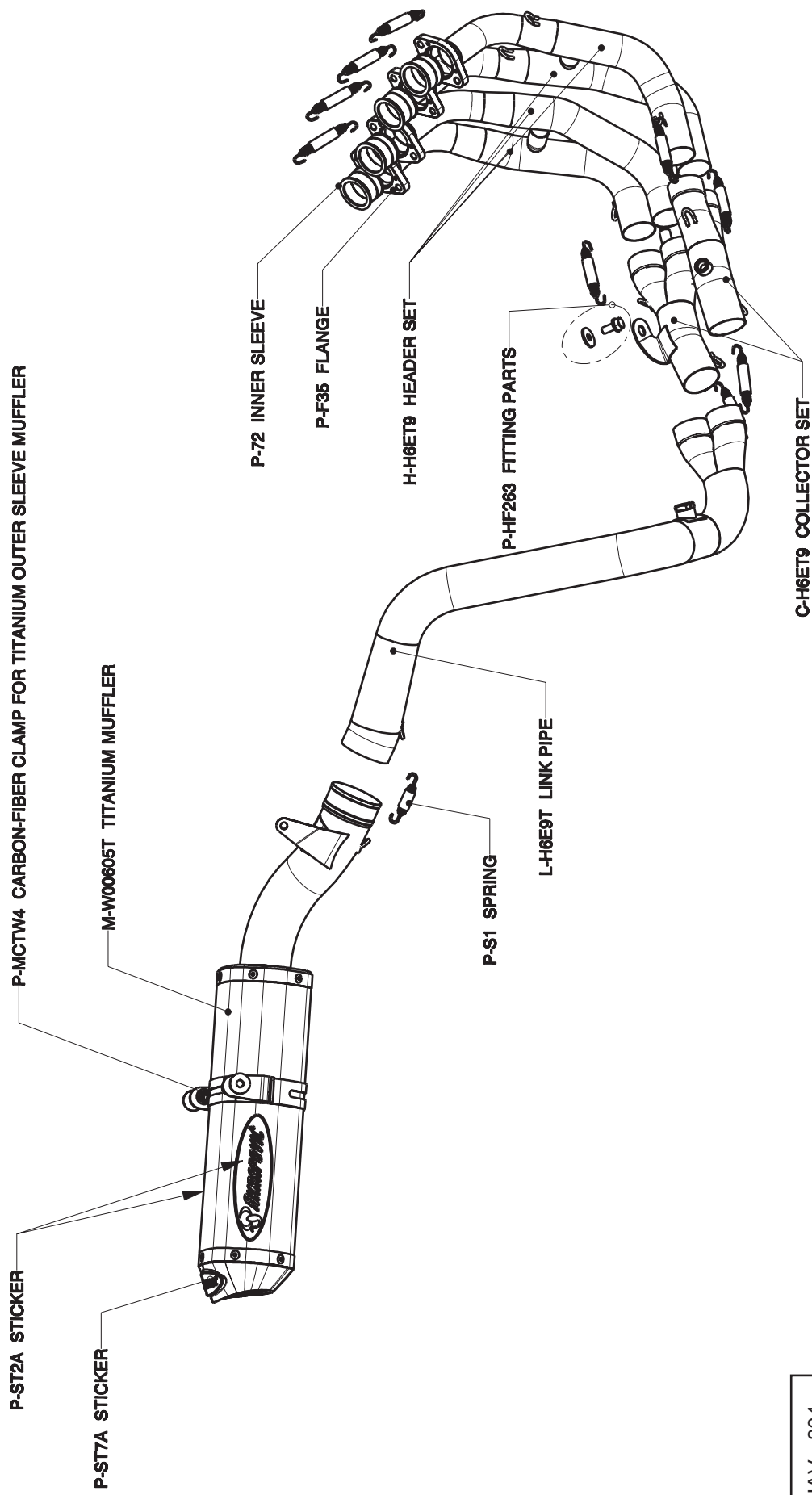
HONDA CBR 600 RR Complete exhaust system/Racing line, model year: 2007
Product code: S-H6R9-ACT



HONDA CBR 600 RR Complete exhaust system/Evolution line, model year: 2007
Product code: S-H6RFT9T-ACT



HONDA CBR 600 RR Complete exhaust system/ KIT Evolution line, model year: 2007
Product code: S-H6EFT9T-WT



HONDA CBR 600 RR Complete exhaust system/ RACING LINE, model year: 2007
 HONDA CBR 600 RR Complete exhaust system/ EVOLUTION LINE, model year: 2007

Product code: S-H6R9-ACT/1
 S-H6RFT9T-ACT/1

