



**AKRAPOVIC RACING & EVOLUTION EXHAUST SYSTEM
for the
KAWASAKI ZX 6R, ZX 6RR (2003, 2004)**

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.d.

Akrapovic website

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

© Akrapovic d.d. All rights reserved.

Symbols

The following symbols are used throughout this installation instructions:

! CAUTION OR WARNING

 INSTALLATION TIP

INSTALLATION INSTRUCTIONS



BEFORE INSTALLING CHECK SCHEMATIC OF THE EXHAUST SYSTEM!



IN CASE THAT SOME ITEMS IN THE AKRAPOVIC EXHAUST SYSTEM PACKAGE ARE MISSING PLEASE CONTACT YOUR AUTHORIZED DEALER. KEEP THE SCHEMATIC FOR FUTURE REFERENCE.



IT IS ESSENTIAL TO READ THESE INSTALLATION INSTRUCTIONS CAREFULLY IN ORDER TO ENSURE PROPER INSTALLATION AND OPERATION OF THE AKRAPOVIC EXHAUST SYSTEM.



THE EXHAUST SYSTEM CAN BE EXTREMELY HOT. LET THE MOTORCYCLE 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.

☐ REMOVAL OF STOCK EXHAUST SYSTEM

1. put the motorcycle on a side stand, we recommend a racing stand
2. remove the lower cowl (complete) – unscrew all bolts and remove the plastic bushings (**Figure 1, 2, 3, 4**)
3. unscrew the bolt for the metal clamp on the link pipe (at the link pipe – collector joint) (**Figure 5**)
4. unscrew and remove the bolt for the muffler clamp (**Figure 6**)
5. remove the link pipe together with the muffler (link pipe and muffler are welded together). We recommend spraying the joint with a multi-purpose spray lubricant (WD-40 or equivalent)
6. if you are mounting the optional carbon-fiber muffler bracket, remove the stock muffler bracket
7. unscrew and remove the bolts on the lower radiator brackets and move the radiator out of the way – **do not damage the radiator cooling fins** (**Figure 7, 8**)
8. remove the bolts on the flanges (**Figure 9**)
9. remove the header tubes together with the flanges (**Figure 10**)

☐ INSTALLATION OF THE AKRAPOVIC RACING OR EVOLUTION SYSTEM

installing the header tubes:

1. check the position of the radiator – be careful not to damage the fins
2. use the stock gaskets installed in the exhaust port, or place them on the Akrapovic sleeves
3. install the sleeves together with the flanges and tensioning springs – make sure they are correctly oriented and correctly installed, and that the holes for the springs line up with the holes on the tabs on the header tubes (**Figure 11 & 12**)
4. tighten the flanges
5. mount the header tubes, which come together with the collector (**Figure 13**)
6. attach the springs (**Figure 14**)
7. make sure the header tubes are not touching the engine, the radiator, tubes, electrical installations etc.

installing the independent link pipe:

1. if installing the EVOLUTION model use ceramic anti-seizing grease
2. slide the link pipe (inlet side) onto the collector (**Figure 15**)
3. check the orientation of the link pipe – the holes for the springs must line up
4. attach the springs
5. make sure the link pipe is not touching the frame and other parts

installing the muffler:

1. install the carbon-fiber muffler bracket, if applicable
2. position the muffler correctly and slide it onto the outlet side of the link pipe; if installing a titanium link pipe use ceramic anti-seizing grease
3. position the springs and stretch the springs (**Figure 16**)
4. correctly position the carbon-fiber clamp and slide it onto the muffler - bear in mind the **right offset** of the carbon-fiber clamp viewed from the rear (**Figure 17**) **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! If using an Akrapovic carbon-fiber muffler bracket, use a **left offset** of the carbon-fiber clamp viewed from the rear (**Figure 18**)
5. tighten the carbon-fiber clamp onto the stock bracket or the Akrapovic carbon-fiber bracket – use the stock bolts or the replacements from the Akrapovic kit, if supplied
6. make sure no parts are touching the muffler and that the muffler is running along the longitudinal axis of the motorcycle
7. correct position of the installed Akrapovic RACING or EVOLUTION system (**Figure 19**)

final installation:

1. tighten the bolts on all of the brackets and clamps to which the exhaust system and the other dismantled parts of the motorcycle are attached
2. 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. stainless steel link pipe: use a soft cloth sprayed with a contact cleaner, then wipe with a soft dry cloth
 - d. titanium link pipe: use a soft cloth sprayed with a multi-purpose spray lubricant (WD-40 or equivalent)
 - e. evolution model: tubes - use a soft cloth sprayed with a multi-purpose spray lubricant (WD-40 or equivalent)

- f. racing model: tubes - use a soft cloth sprayed with a contact cleaner, then wipe with a soft dry cloth
- g. racing model with titanium link pipe, header tubes & collector - use a soft cloth sprayed with a contact cleaner, then wipe with a soft dry cloth. Titanium 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.

3. replace all of the dismantled stock parts and cowlings in the reverse order from the order in which they were removed
4. **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.

❑ MAINTENANCE OF THE AKRAPOVIC EXHAUST SYSTEM

1. Clean the titanium muffler outer sleeve with a multi-purpose spray lubricant (WD-40 or equivalent) and carbon fiber outer sleeve 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 damping material depends on the type of the motor and riding style. Contact your dealer/serviceman if visible changes appear on muffler's outer sleeve or the noise level is increased.
3. Periodically check if all the bolts and springs are sufficiently tight.

Photos:

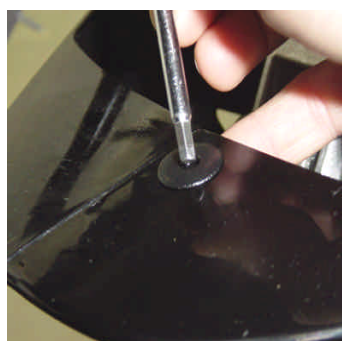


Figure 1



Figure 2



Figure 3



Figure 4

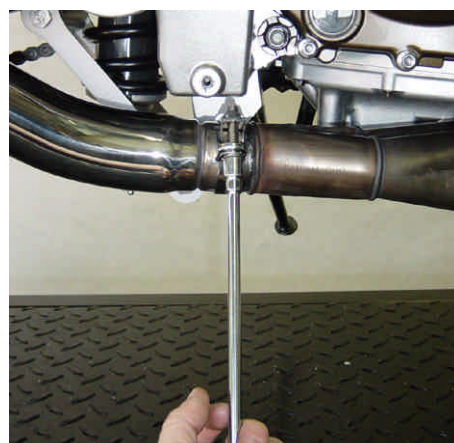


Figure 5



Figure 6



Figure 7

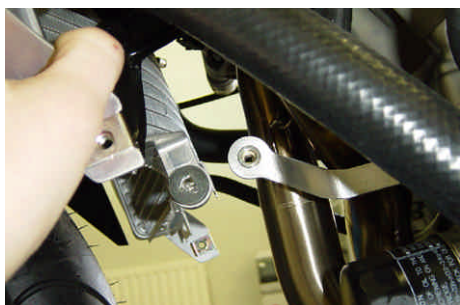


Figure 8



Figure 9



Figure 10



Figure 11



Figure 12

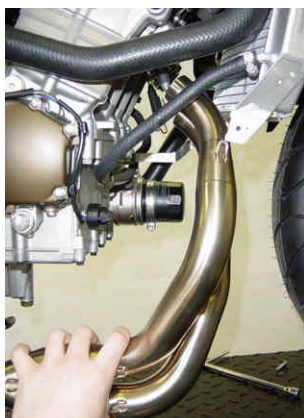


Figure 13



Figure 14



Figure 15



Figure 16



Figure 17



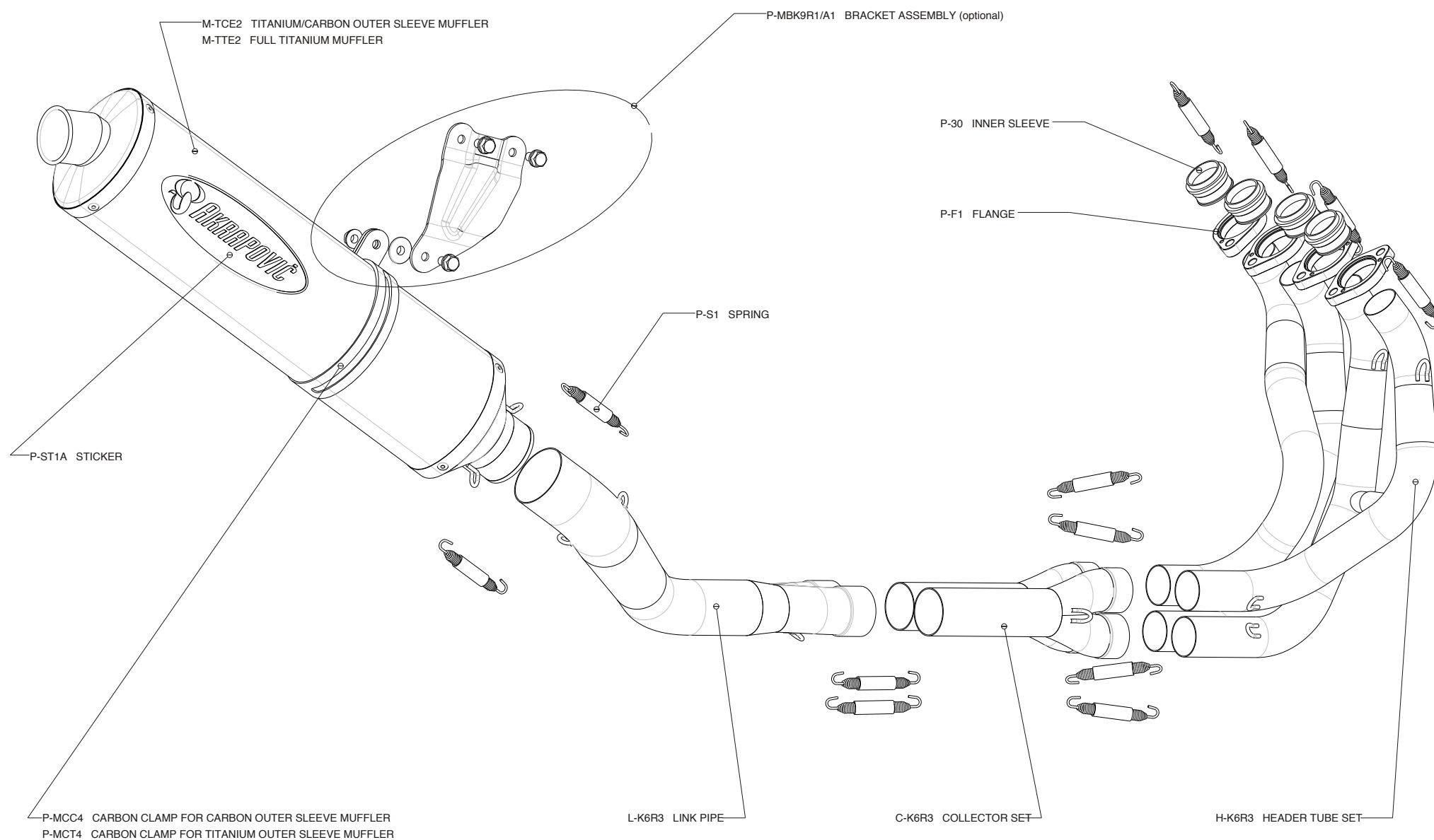
Figure 18



Figure 19

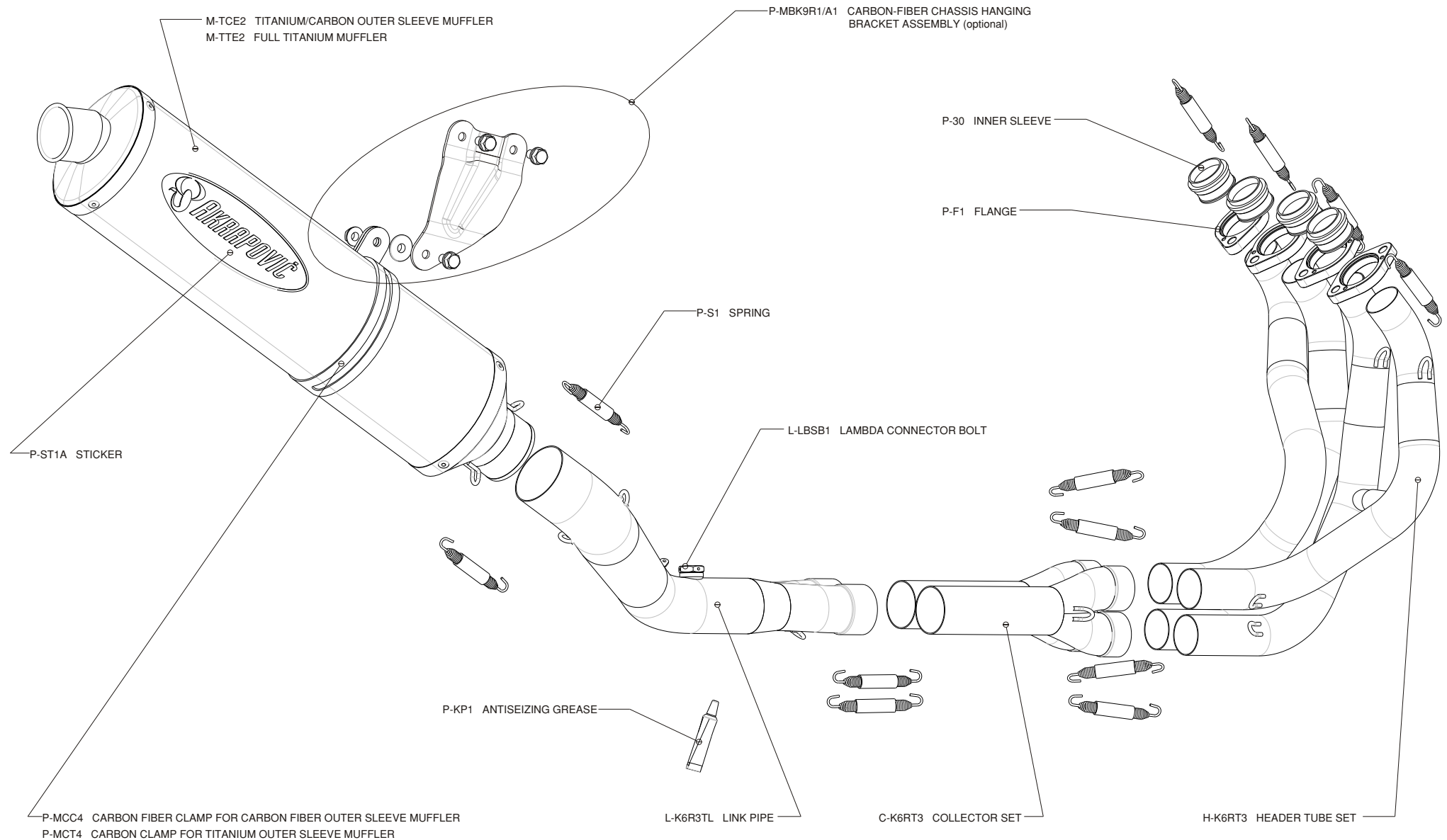
KAWASAKI ZX-6R, ZX-6RR Complete exhaust system/Racing line, model year: 2003, 2004

Product code: S-K6R3-C, S-K6R3-T



KAWASAKI ZX-6R, ZX-6RR Complete exhaust system/Evolution 1 line, model year: 2003, 2004

Product code: S-K6RFT3TL-C, S-K6RFT3TL-T



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.”