*Installation instructions:*

*350557*

# AKRAPOVIC RACING & EVOLUTION EXHAUST SYSTEM
## for the
## KAWASAKI Z1000 (2007-2009)

**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.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 10 mm wrench**
**T-handle 12 mm wrench**
**T-handle 14 mm wrench**
**T-handle 4 mm three hexagon key wrench**
**T-handle 5 mm three hexagon key wrench**
**T-handle swiveling 10 mm wrench**
**T-handle swiveling 12 mm wrench**
**Combination 10 mm wrench**
**Combination 12 mm wrench**
**Combination 17 mm wrench**
**Combination 22 mm wrench**
**Screwdriver for headless slotted screws**
**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 cables from the exhaust valve on the right side muffler **(Figure 1, 2).** Unscrew the injection cover and fuel-tank side panel **(Figure 3, 4).** Remove the safety pin from the exhaust valve servo motor and completely remove the cables from the motorcycle **(Figure 5, 6). WARNING: do not turn the servo motor wheel with force (only by ignition key switching) or the servo motor could be damaged! WARNING: do not disconnect the electrical installation of the servo motor!** Reinstall the injection cover and fuel-tank side panel in the reverse order from the order in which they were removed.



**Figure 1**



**Figure 2**



**Figure 3**



**Figure 4**



**Figure 5**



**Figure 6**

3. Unscrew the bolts from the metal clamp at the muffler - collector joint and muffler sub-frame brackets. Remove the muffler. Perform the process on both sides of the motorcycle **(Figure 7, 8, 9).**



**Figure 7**



**Figure 8**



**Figure 9**

4. Remove the engine spoilers on both sides of the motorcycle **(Figure 10, 11).**



**Figure 10**

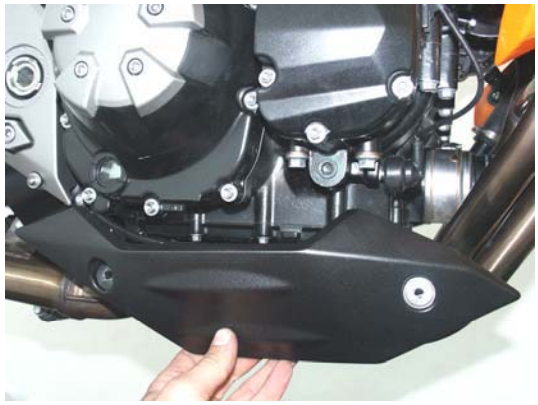


**Figure 11**

5. Unscrew the lambda sensor **(Figure 12, 13).** Unscrew the bolts of stock collector brackets on both sides of the motorcycle **(Figure14).** Unscrew the lower cooler bracket and partially remove the water cooler **(Figure 15). 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 16, 17).** Remove the metal collars and rubber dampers from the left stock collector bracket **(Figure 18, 19, 20).**

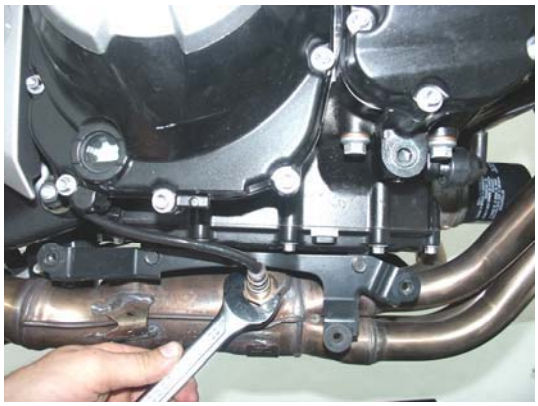


**Figure 12**



**Figure 13**



**Figure 14**



**Figure 15**



**Figure 16**



**Figure 17**



**Figure 18**



**Figure 19**



**Figure 20**

## 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 21, 22, 23).** Tighten the flanges (to specified torque); make sure not to damage the cooling fins.



**Figure 21**



**Figure 22**

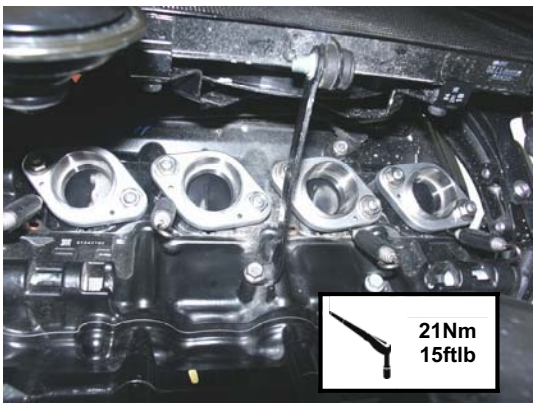



**Figure 23**

2. Change the stock cooler bracket with Akrapovič bracket **(Figure 24, 25, 26, 27).**



**Figure 24**



**Figure 25**



Figure 26

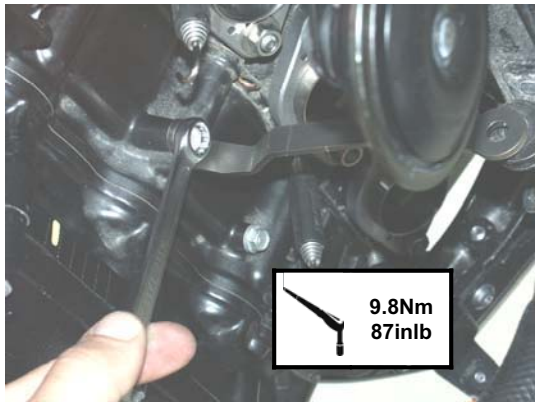



Figure 27

3. Insert the header tubes properly and attach the springs; **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!** Make sure not to damage the cooling fins **(Figure 28, 29).** Make sure the header tubes are not touching the engine, other tubes, electrical installations etc. Attach the Akrapovič cooler bracket to the cooler **(Figure 30).**



Figure 28



Figure 29

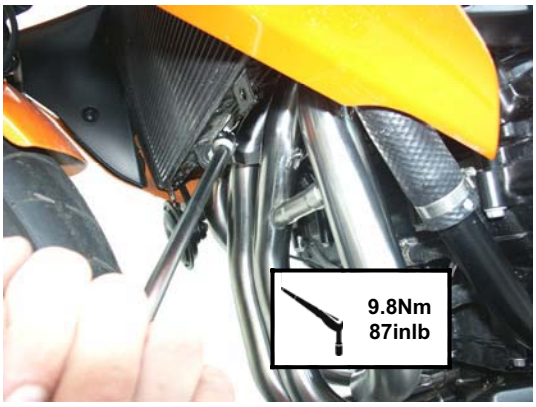



Figure 30

4. Make sure the collectors are correctly oriented. Slide the collectors onto the header tubes and attach the springs; **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 31, 32). For Evolution exhaust only:** coat the interior side of the input bushes of the titanium collector with Akrapovic ceramic anti-seizing grease (white tube).

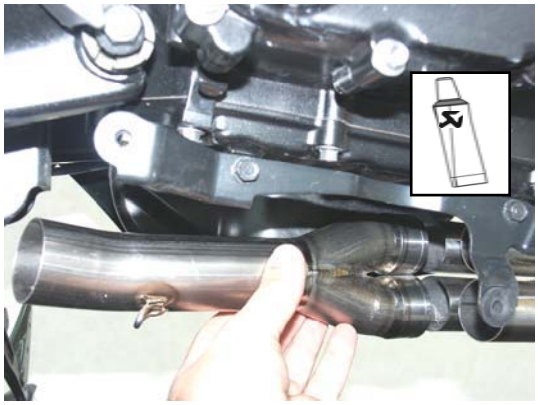


**Figure 31**



**Figure 32**

5. Slide the link pipe onto the collectors and attach the springs; **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 33, 34). 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). Remove the right frame cover, injection cover and direct the lambda sensor electrical installation as shown, tighten the lambda sensor and attach the frame covers in the reverse order from the order in which they were removed. **(Figure 35, 36, 37, 38, 39, 40).**

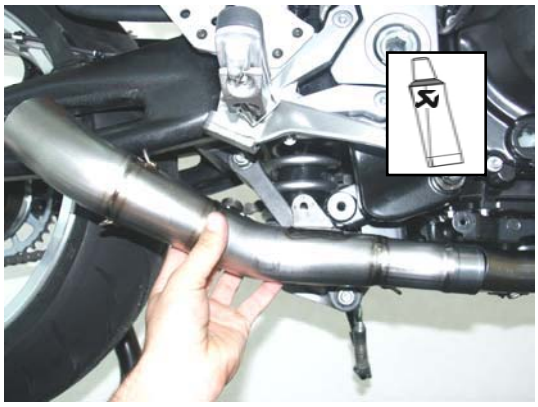


**Figure 33**



**Figure 34**




**Figure 35**



**Figure 36**

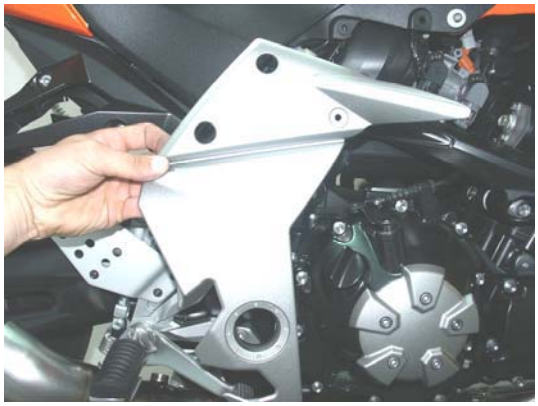


Figure 37



Figure 38

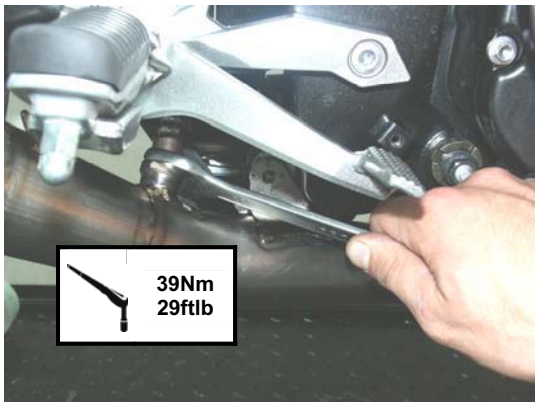



Figure 39

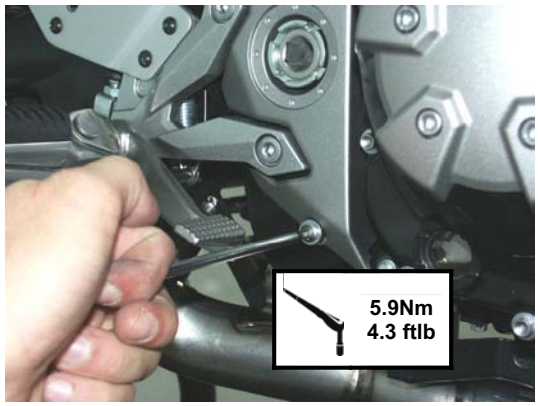



Figure 40

6. Position the muffler correctly and slide it onto the outlet side of the link pipe; **WARNING: make sure, that springs pull the muffler all the way onto the link pipe – use rubber mallet if necessary to tap the connections into place! (Figure 41). For Evolution exhaust only:** coat the interior side of the input of the muffler with Akrapovič 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 slightly wider than the diameter of the outer sleeve of the muffler – do not scrape it along the muffler outer sleeve! (Figure 42).** Hand tighten the carbon-fiber clamp onto the stock bracket. Position and attach the springs **(Figure 43).** Tighten the link-pipe onto the stock right bracket **(Figure 44).**Tighten the bolt on the carbon-fiber clamp/stock muffler bracket joint **(Figure 45).** Make sure the link pipe or muffler is not touching the frame and other parts.




Figure 41




Figure 42



Figure 43

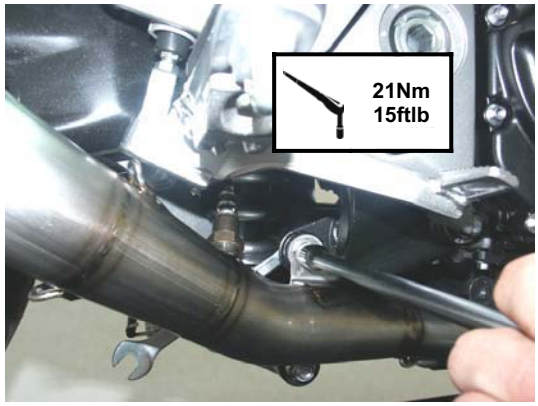



Figure 44

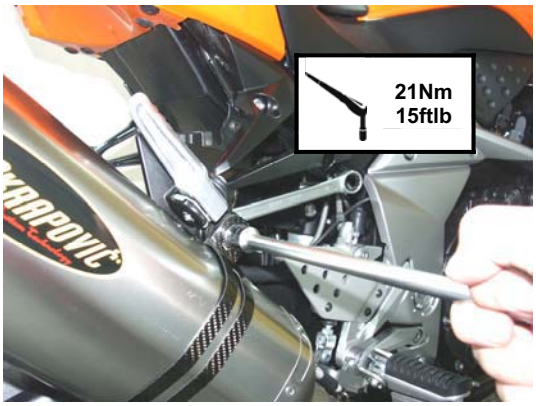



Figure 45

7. Reinstall the engine spoilers on both sides of the motorcycle **(Figure 46).** Remove the rubber dampers and metal collars from the left stock muffler bracket **(Figure 47).**

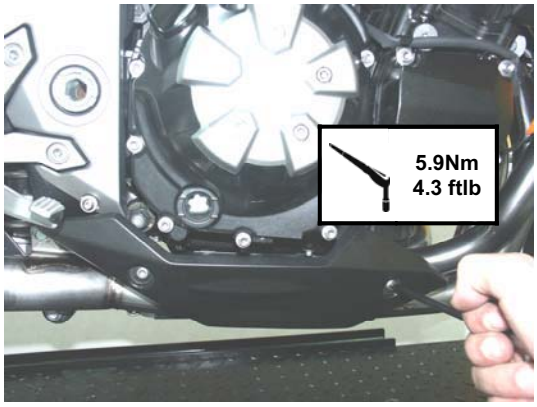



Figure 46



Figure 47

**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 48).**




**Figure 48**

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.**

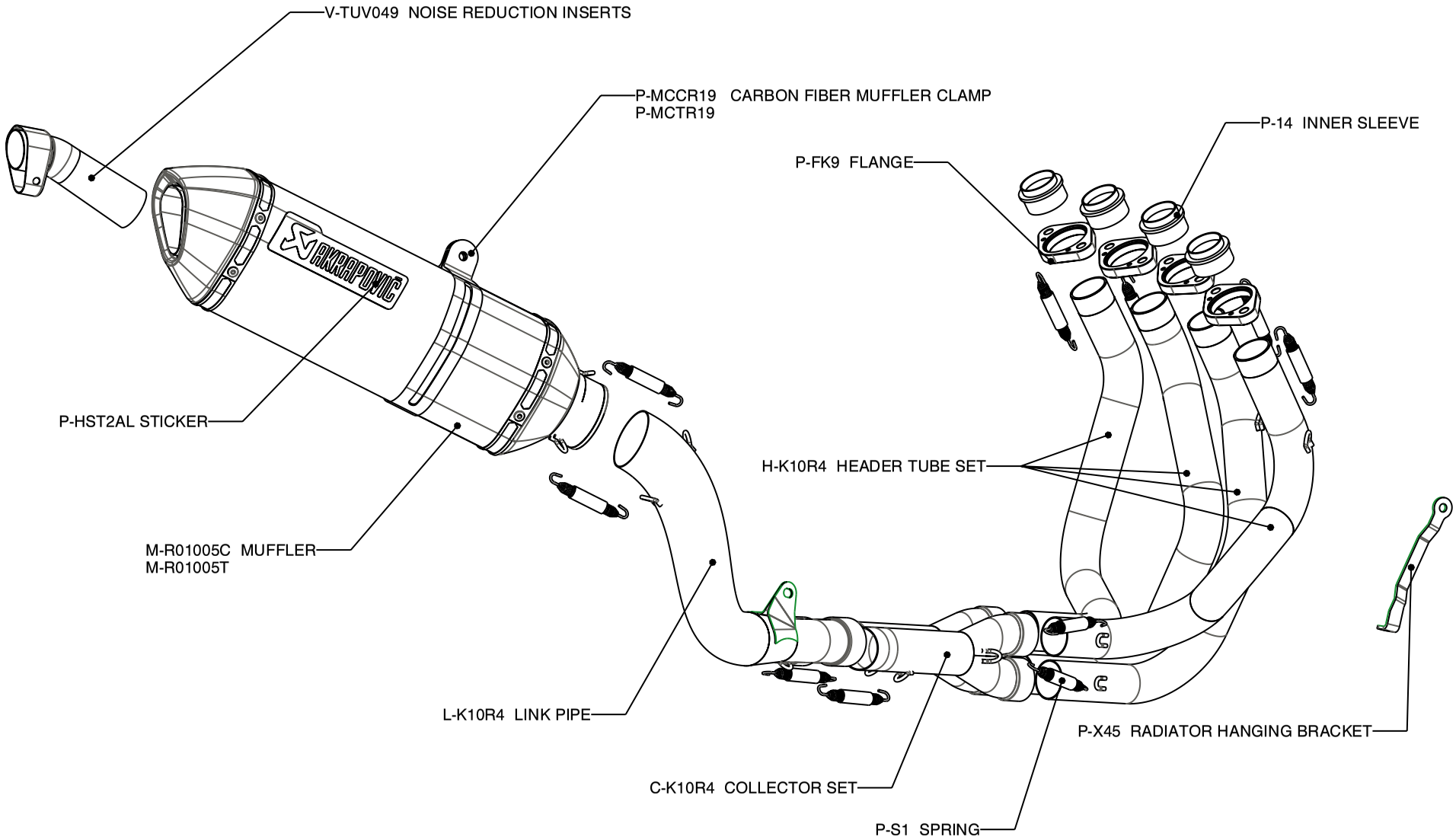
| | |
|---|---|
| ! | **IT IS NORMAL IF WHITE SMOKE COMES OUT OF THE MUFFLER ON FIRST OPERATION.** |
| ! | **DO NOT STAND BEHIND THE MUFFLER ON FIRST OPERATION.** |
| ! | **DO NOT USE AUTOMOTIVE WHEEL CLEANERS OR ANY CLEANING PRODUCTS WHICH CONTAIN ACIDIC ADDITIVES TO CLEAN AKRAPOVIC EXHAUST SYSTEMS.** |

## 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 Z 1000 / Complete exhaust system/ Racing line, model year: 2007 - 2009/ OPEN

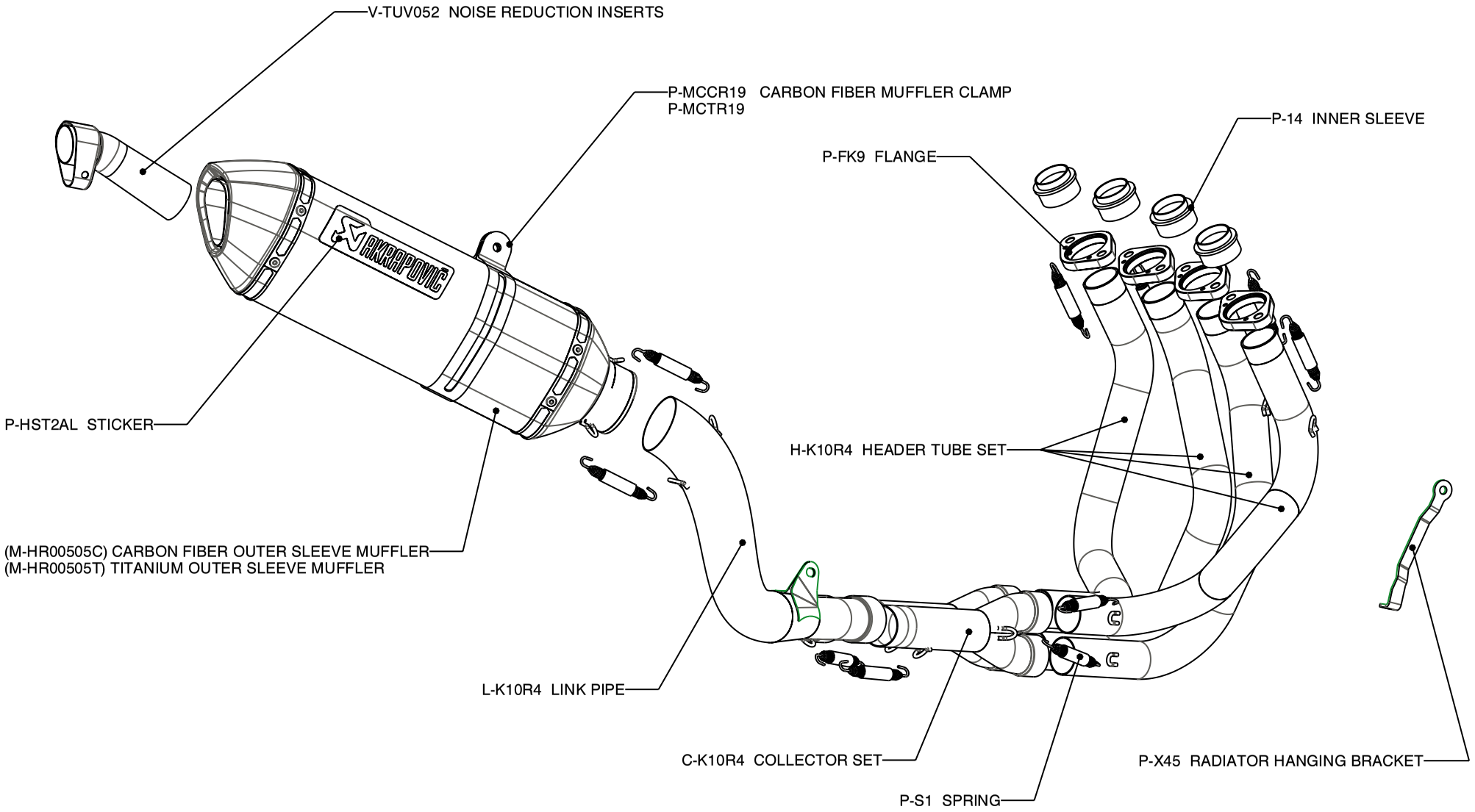
Product code: S-K10R4-RC
S-K10R4-RT



KAWASAKI Z 1000 / Complete exhaust system/ Racing line tube set with street legal muffler, model year: 2007 - 2009

Product code: S-K10R4-RT/1
S-K10R4-RC/1

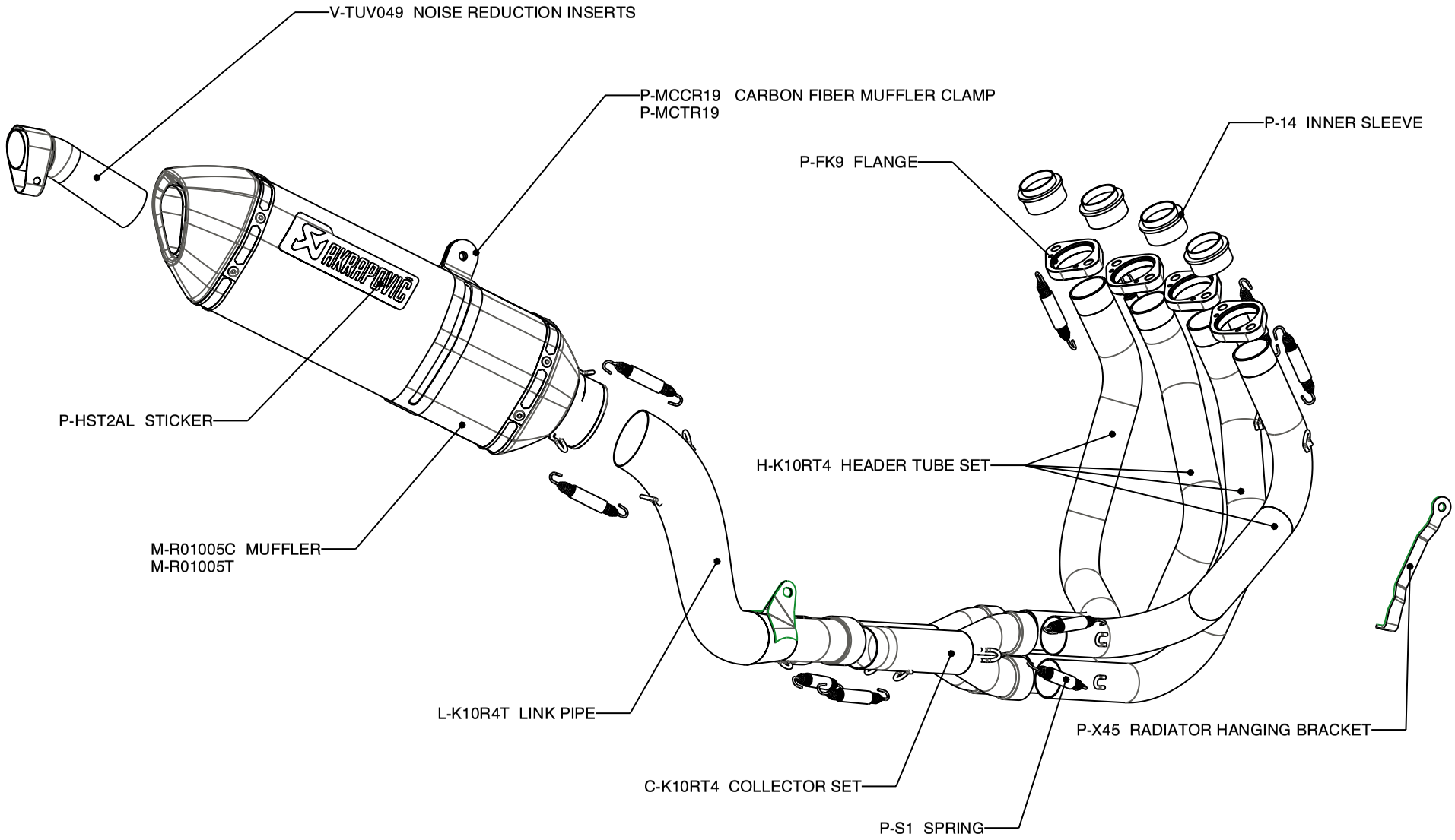
WARNING! IN CASE OF COMBINATION WITH RACING TUBE SET, THE SLIP-ON HOMOLOGATION IS NOT VALID!




NAV - 323

KAWASAKI Z 1000 / Complete exhaust system/Evolution line, model year: 2007 - 2009/ OPEN

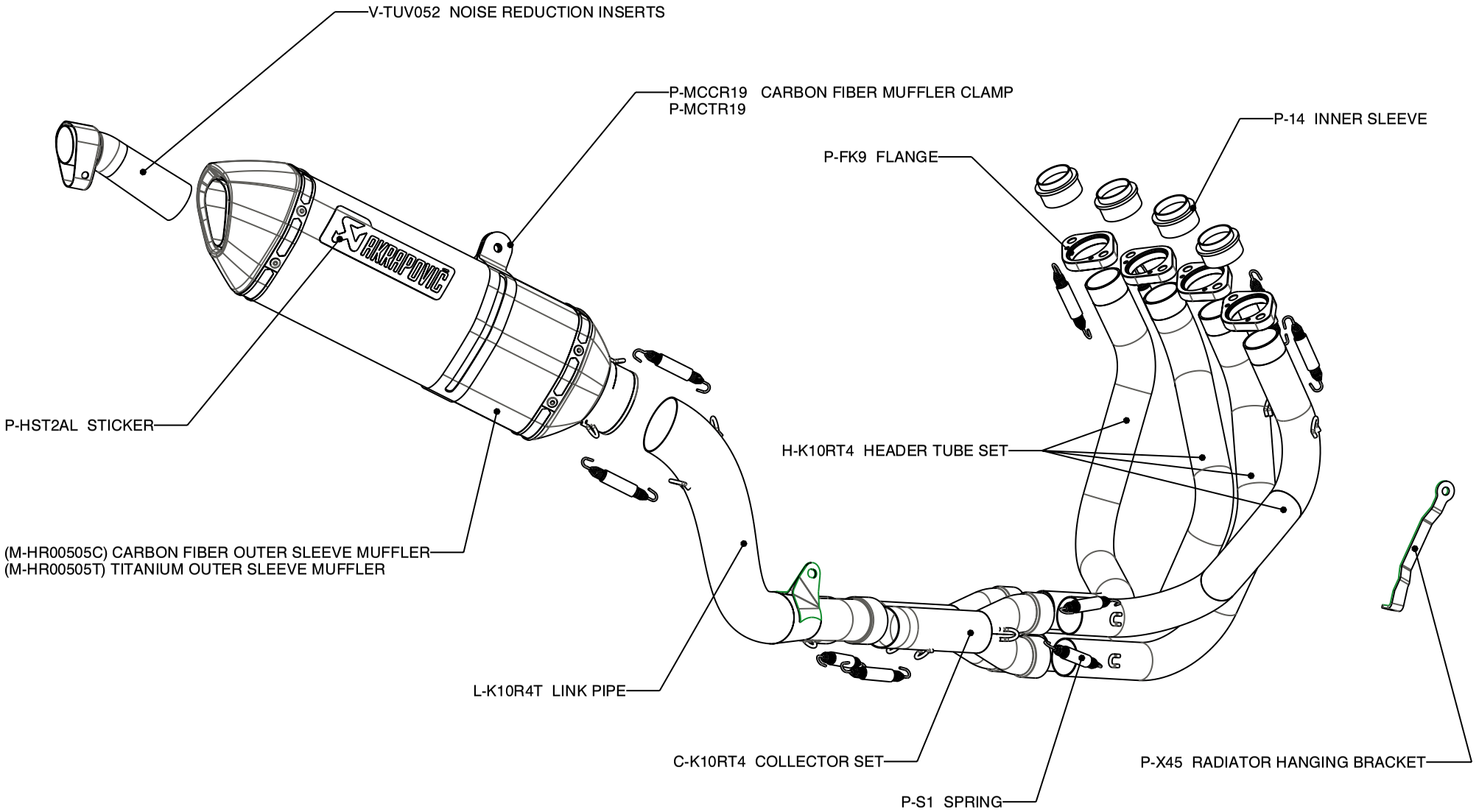
Product code: S-K10RFT4T-RC
S-K10RFT4T-RT



KAWASAKI Z 1000 / Complete exhaust system/ Evolution line tube set with street legal muffler, model year: 2007 - 2009

Product code: S-K10RFT4T-RC/1
S-K10RFT4T-RT/1

WARNING! IN CASE OF COMBINATION WITH EVOLUTION TUBE SET, THE SLIP-ON HOMOLOGATION IS NOT VALID!




NAV - 323

**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.”