

## Installation instructions:



# AKRAPOVIC RACING & EVOLUTION EXHAUST SYSTEM for the KAWASAKI ZX-6R (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.d.

#### 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:



**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.**

|   |   |
|---|---|
|  | <ul style="list-style-type: none"><li>T-handle 8mm wrench</li><li>T-handle 10mm wrench</li><li>T-handle 12mm wrench</li><li>T-handle swiveling 12mm wrench</li><li>T-handle 4mm three hexagon key wrench</li><li>T-handle 5mm three hexagon key wrench</li><li>T-handle 6mm three hexagon key wrench</li><li>Combination 12mm wrench</li><li>Combination 17mm wrench</li><li>Spring puller</li><li>Screwdriver for slotted head screw - small</li></ul> |
|---|---|

### **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 passenger seat and both fuel-tank side panels (**Figure 1, 2, 3, 4**).



*Figure 1*



*Figure 2*



*Figure 3*



*Figure 4*

3. Unscrew and remove driver's seat (Figure 5, 6).



**Figure 5**



**Figure 6**

4. Unscrew and remove fastback (Figure 7, 8, 9, 10).



**Figure 7**



**Figure 8**



**Figure 9**



**Figure 10**



5. Disconnect the tail light and turn signal electrical connectors (**Figure 11, 12**).



**Figure 11**



**Figure 12**

6. Unscrew the bolts, undo the plastic fasteners and remove the licence plate and tail light bracket from muffler (**Figure 13, 14, 15, 16, 17, 18, 19, 20**)



**Figure 13**



**Figure 14**



**Figure 15**



**Figure 16**



Figure 17



Figure 18



Figure 19



Figure 20

7. Remove the safety pin from the cable bracket (Figure 21). Completely remove the exhaust valve cables from the servo motor (turn on and off the ignition key for a short period of time to turn the servo motor wheel in the position in which is possible to remove the cables) (Figure 22). **WARNING: do not turn the the servo motor wheel with force (only by ignition key switching!) or the servo motor could be damaged.**



Figure 21



Figure 22

8. Unscrew the bolts from the metal clamp at the muffler - link pipe joint and muffler sub-frame brackets. Remove the muffler (Figure 23, 24, 25).



**Figure 23**



**Figure 24**



**Figure 25**

9. Unscrew the bolts of the stock aluminium muffler heatshield and remove the shield (Figure 26, 27).



**Figure 26**



**Figure 27**



10. Unscrew the lower part of the cowling. Disconnect the turn signal electrical connectors on both sides and unhook the EFI unit on inner side of the right cowling. (Figure 28, 29, 30, 31, 32, 33). Now you can remove the cowling (Figure 34).



Figure 28



Figure 29



Figure 30



Figure 31



Figure 32



Figure 33



Figure 34

11. Unscrew the plastic stock link pipe heat shield cover, the bolts from the driver's right footpeg bracket (slightly remove the bracket) and rear brake-line bracket (**Figure 35, 36, 37, 38**).



**Figure 35**



**Figure 36**



**Figure 37**



**Figure 38**

12. Unscrew and remove the swing-arm bracket (**Figure 39, 40**).



**Figure 39**



**Figure 40**



13. Unscrew the bolts from the link pipe bracket and metal clamp (**Figure 41, 42**). Remove the link pipe (**Figure 43**).



**Figure 41**



**Figure 42**



**Figure 43**

14. Disconnect and unscrew the lambda sensors (**Figure 44, 45**).



**Figure 44**



**Figure 45**

15. Unscrew the bolt from the lower water cooler hanging bracket; slightly remove cooler – **do not disconnect the cooling system tubes!** (Figure 46). Unscrew the bolts from the header tube flanges; Make sure not to damage the cooling fins (Figure 47). Unscrew the bolt of the stock collector bracket (Figure 48), and remove the headers (Figure 49). Remove metallic sleeves and rubber inserts from the collectors bracket (Figure 50).



Figure 46



Figure 47



Figure 48



Figure 49



Figure 50



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

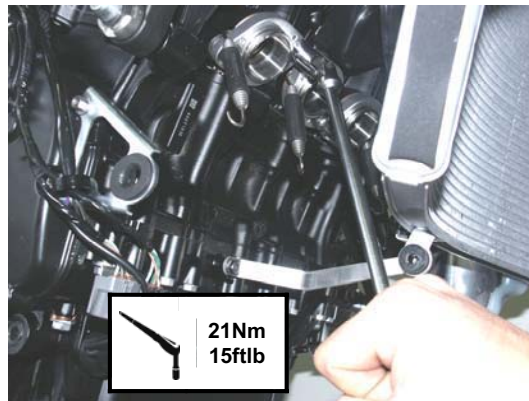
1. Set up the sleeves together with the flanges, stock gaskets and springs (**Figure 51**). Make sure the flanges are correctly oriented (**Figure 52**). Tighten the flanges; make sure not to damage the cooling fins (**Figure 53**).



**Figure 51**



**Figure 52**



**Figure 53**

2. Insert the header tubes properly and attach the springs; make sure not to damage the cooling fins (**Figure 54, 55**).



**Figure 54**



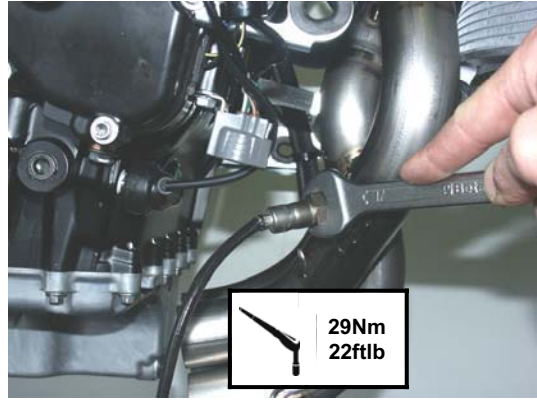
**Figure 55**



3. Tighten and connect the lambda sensors (**Figure 56, 57, 58**). Tighten the lower water cooler hanging bracket (**Figure 59**).



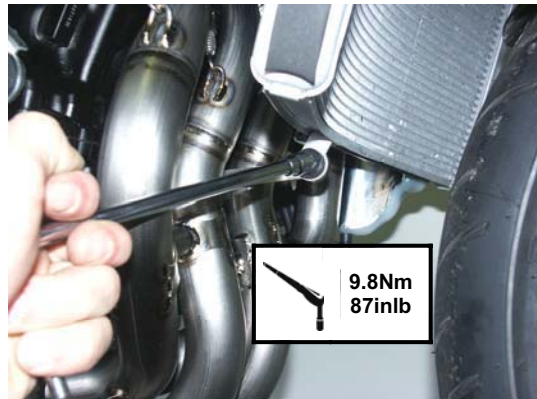
**Figure 56**



**Figure 57**

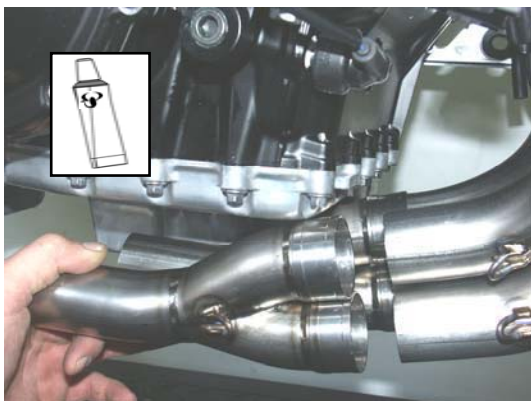


**Figure 58**



**Figure 59**

4. Make sure the collectors are correctly oriented. Slide the collectors onto the header tubes (**Figure 60**). Attach the springs (**Figure 61**). Make sure the collectors are not touching the engine. **For Evolution exhaust only:** coat the interior side of the input of the titanium collector with Akrapovic ceramic anti-seizing grease (white tube).



**Figure 60**



**Figure 61**

5. Drill (with 6.5mm drill) the rivets of the stock aluminium link pipe heat shield and remove the shield (**Figure 62, 63**). Attach the heat shield onto the Akrapovic link pipe (**Figure 64, 65**). Use the bolts supplied in the Akrapovic kit.



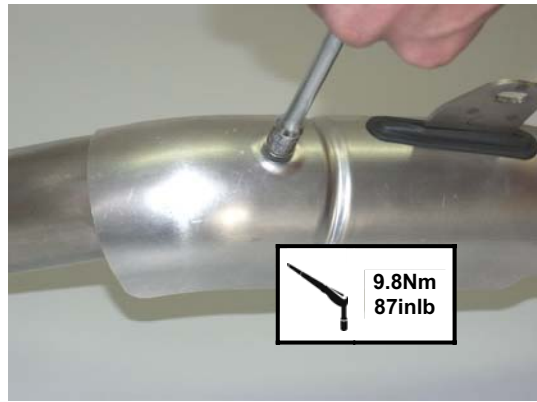
**Figure 62**



**Figure 63**

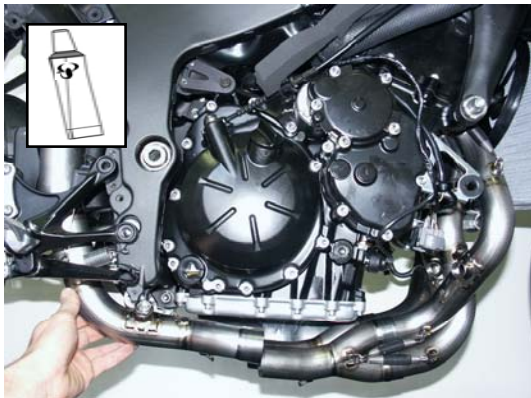


**Figure 64**



**Figure 65**

6. Slide the link pipe onto the collectors (**Figure 66**). Attach the springs (**Figure 67**). Attach the bracket of the link pipe onto the sub-frame. Use stock bolt and nut (**Figure 68**). Make sure the link pipe does not touch 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 66**



**Figure 67**

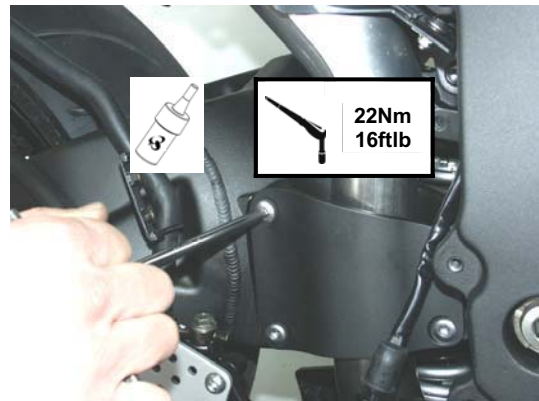


**Figure 68**

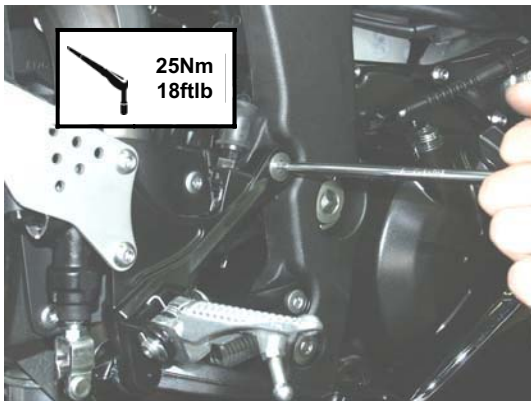
7. Attach the plastic stock link pipe heat shield cover, the driver's right footpeg bracket and rear brake-line bracket in the reverse order from the order in which they were removed (**Figure 69, 70, 71, 72, 73**).



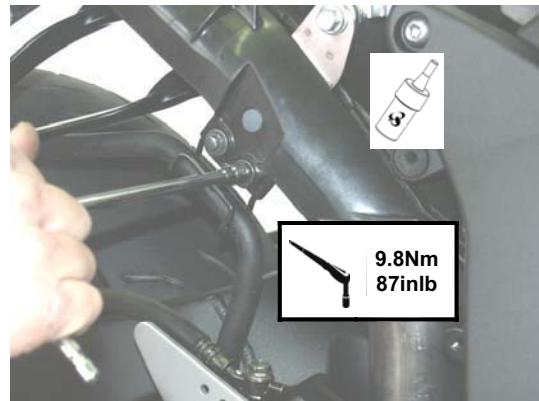
**Figure 69**



**Figure 70**



**Figure 71**



**Figure 72**



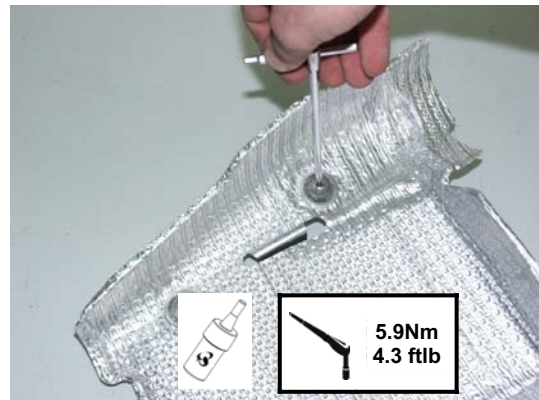


**Figure 73**

8. Install the Akrapovic brackets on stock aluminium heat shield (**Figure 74, 75, 76**).



**Figure 74**



**Figure 75**



**Figure 76**

9. Attach the aluminium heat shield together with upper part of the carbon-fiber muffler clamp onto the sub-frame (do not tighten!). Use stock bolts and nuts (**Figure 77, 78, 79, 80**).



**Figure 77**



**Figure 78**



**Figure 79**



**Figure 80**

10. Slide the short link-pipe onto the outlet side of the long link-pipe. Position and attach the spring (**Figure 81, 82**). Position the muffler correctly and slide it onto the outlet side of the short link-pipe and attach the spring (**Figure 83**). Align the muffler in respect to motorcycle.  
Tighten the lower part of the Akrapovic carbon-fiber muffler clamp (**Figure 84, 85**).



**Figure 81**



**Figure 82**



Figure 83



Figure 84

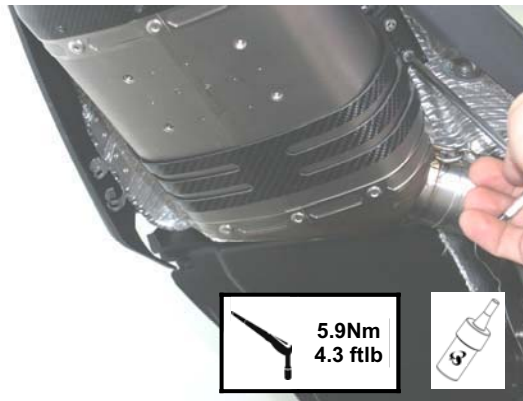


Figure 85

11. Tighten the bolts of the muffler clamp (**Figure 86**). Correctly position and tighten the stainless steel bracket (the bracket is not symmetrical – check the height of the nuts for attaching the licence plate bracket!) (**Figure 87**).

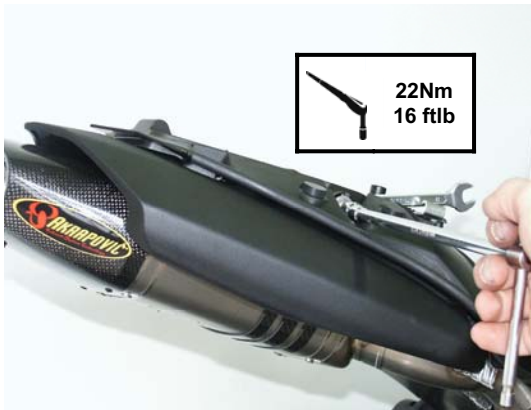


Figure 86

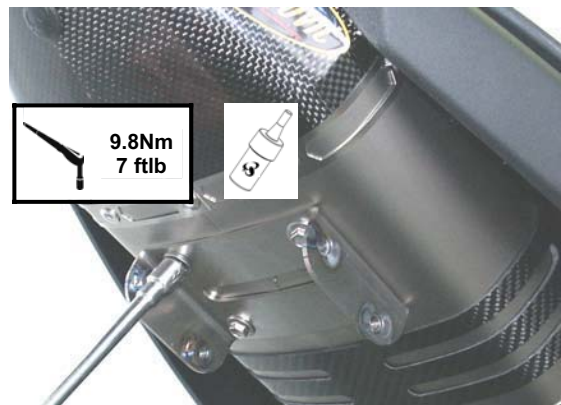


Figure 87



12. Attach the licence plate holder with tail light and turn signal lamps (connect the electrical leads first!), cowlings and seats in the reverse order from the order in which they were removed. (Figure 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99).



Figure 88



Figure 89



Figure 90



Figure 91



Figure 92



Figure 93



Figure 94



Figure 95



Figure 96



Figure 97

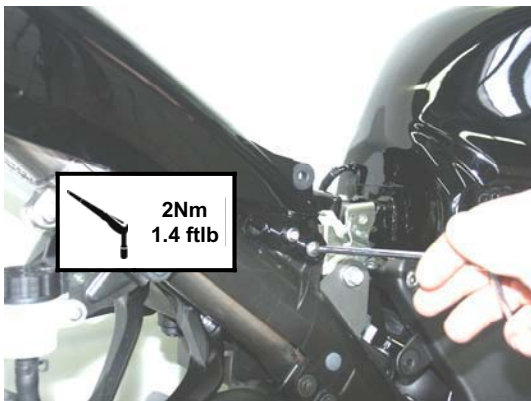


Figure 98

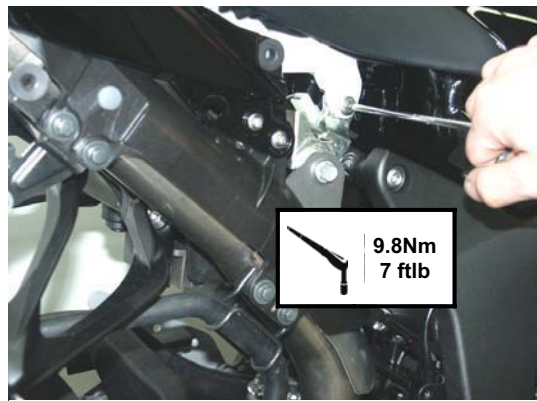


Figure 99

13. Attach the fuel tank side panels on both sides of the motorcycle. On right side use the Akrapovic bracket. First assemble the bracket (**Figure 100**). Unscrew the bolt seen in figure (**Figure 101**). Attach the fuel tank side panel (**Figure 102**). Tighten the bracket (**Figure 103, 104**).



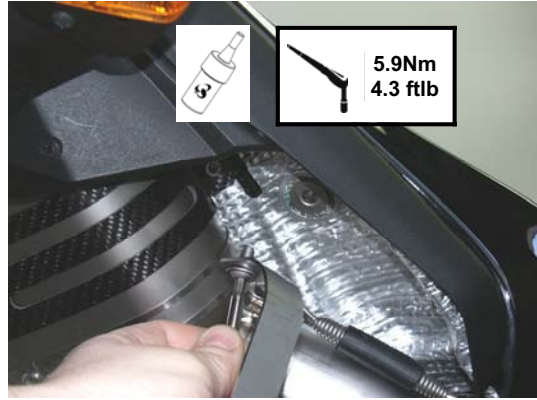
**Figure 100**



**Figure 101**



**Figure 102**



**Figure 103**



**Figure 104**



14. Attach the cowlings in the reverse order from the order in which they were removed (connect the turn signal electrical leads first!). (Figure 105, 106, 107, 108).



Figure 105



Figure 106



Figure 107



Figure 108

**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 109).



Figure 109

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.**

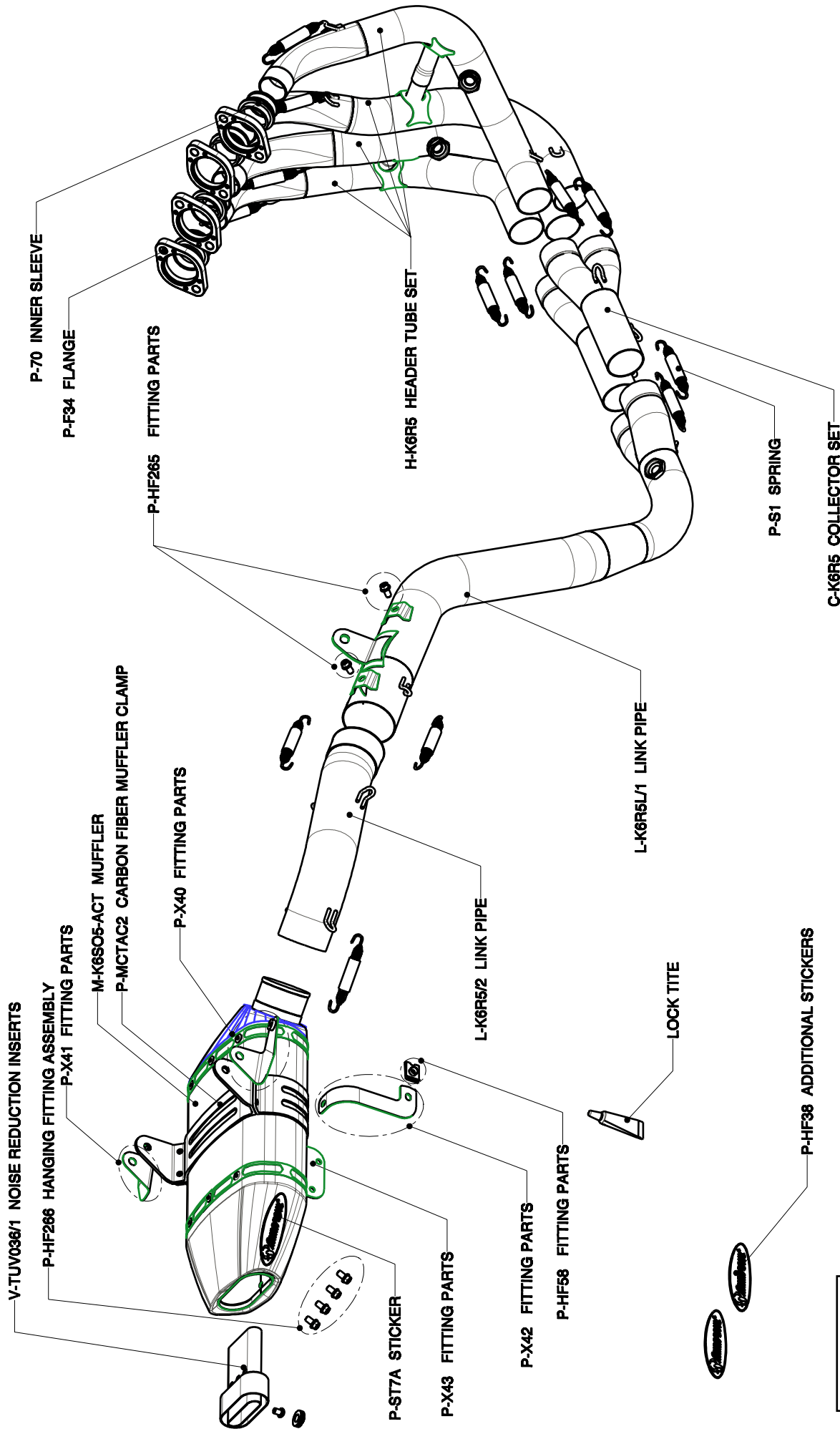
**! DO NOT USE AUTOMOTIVE WHEEL CLEANERS OR ANY CLEANING PRODUCTS WHICH CONTAIN ACIDIC ADDITIVES TO CLEAN AKRAPOVIC EXHAUST SYSTEMS.**

#### **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 ZX-6R/ Complete exhaust system/ RACING LINE, model year: 2007

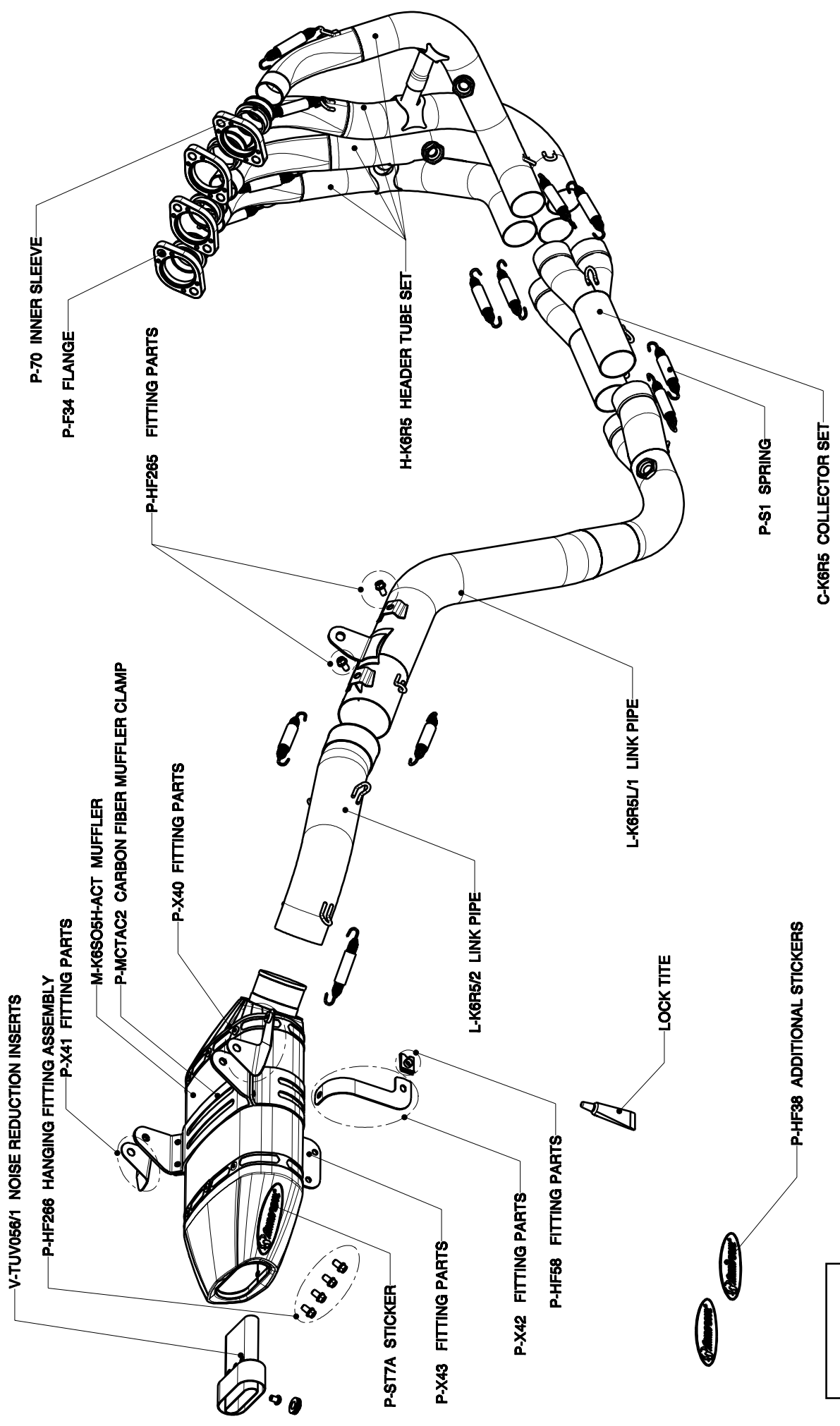
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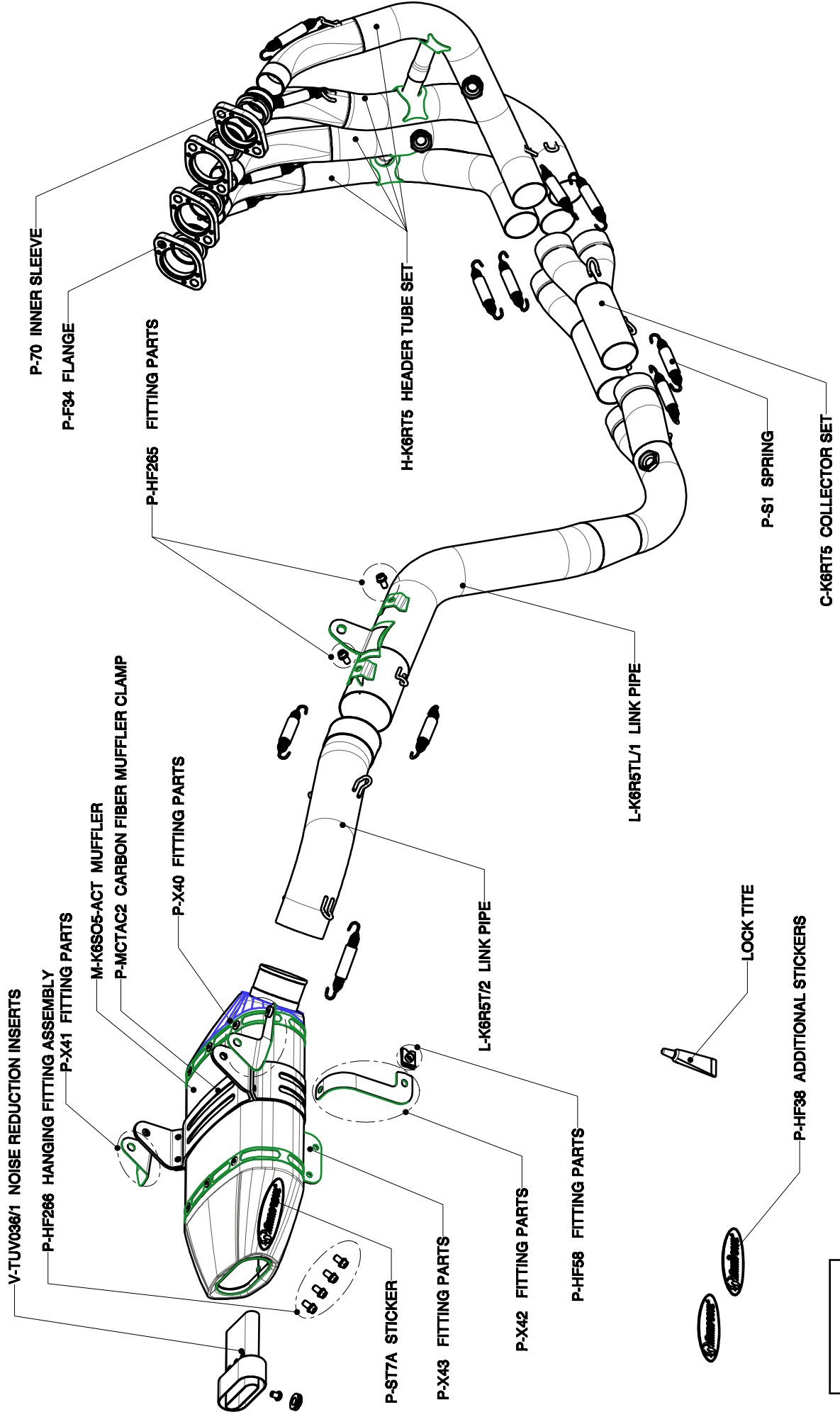
# KAWASAKI ZX-6R/ Complete exhaust system/ RACING LINE (RAC2), model year: 2007

Product code: S-K6R5-ACT/2



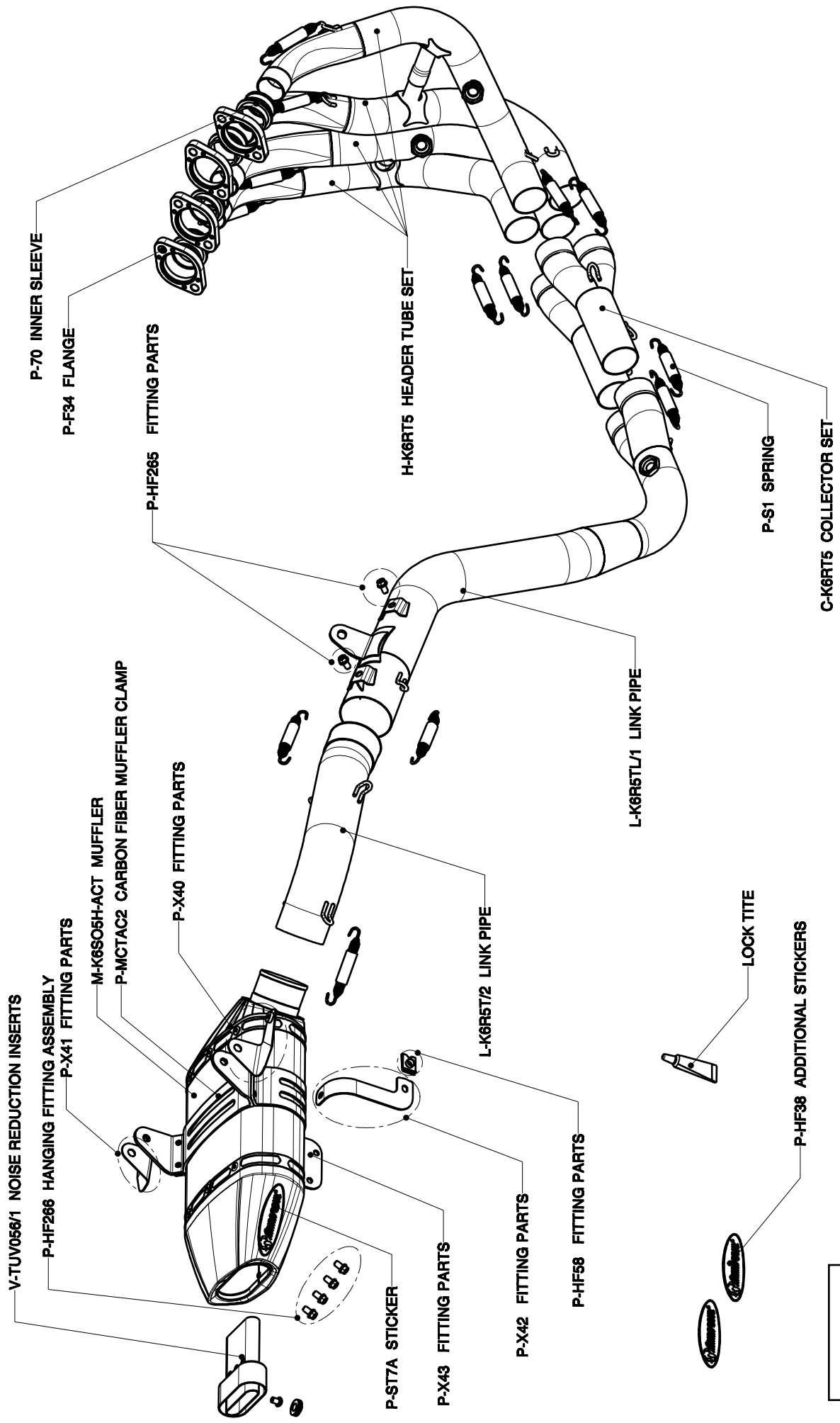
# KAWASAKI ZX-6R/ Complete exhaust system/ EVOLUTION LINE, model year: 2007

Product code: S-K6RFT5T-ACT



# KAWASAKI ZX-6R/ Complete exhaust system/ EVOLUTION LINE (EVO2), model year: 2007

Product code: S-K6RFT5T-ACT/2





# KAWASAKI ZX-6R/ Complete exhaust system/ EVOLUTION LINE KIT, model year: 2007

Product code: S-K6EFT5T-ACT

