350335

Installation instructions:

AKRAPOVIC RACING & EVOLUTION, EXHAUST SYSTEM for the YAMAHA FZ1, FZ1 FAZER

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 12mm wrench
T-handle 12mm swiveling wrench
T-handle 14mm wrench
T-handle 5mm three hexagon key wrench
T-handle 8mm three hexagon key wrench
Combination 8mm wrench
Combination 10mm wrench
Combination 15mm wrench
Combination 17mm wrench
Combination 22mm wrench
Spring puller
Small cross head screwdriver

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 cover from the “exup” exhaust valve **(Figure 1)** and remove the cables from the “exup” exhaust valve **(Figure 2, 3).**



Figure 1

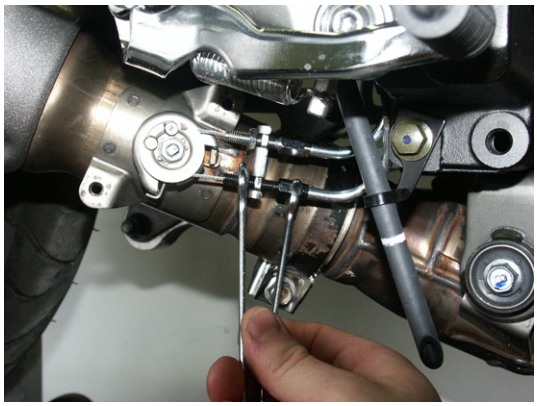


Figure 2

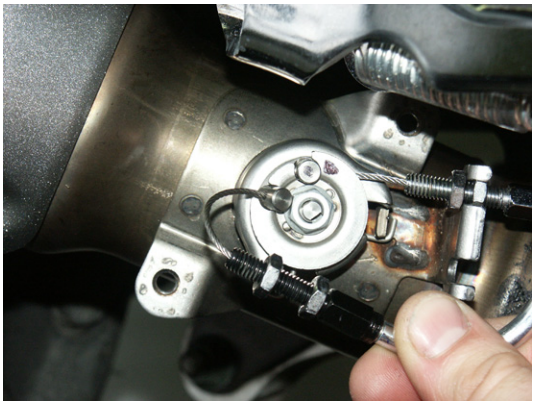


Figure 3

3. Untighten the bolt of the metal clamp at the muffler – link pipe joint **(Figure 4).**

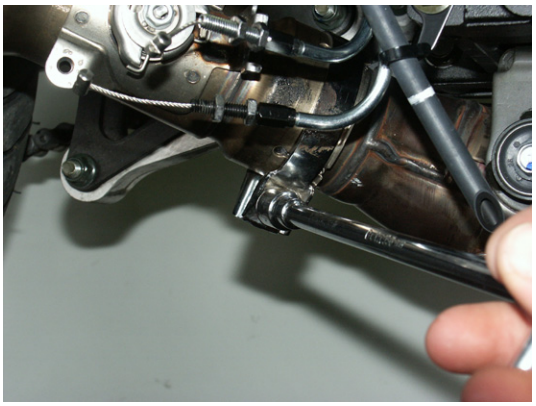


Figure 4

4. Unscrew and remove the bolt from the muffler hanging bracket and remove the muffler **(Figure 5, 6).**

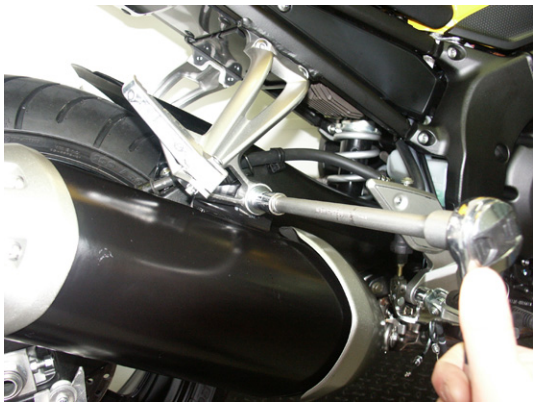


Figure 5



Figure 6

5. Unlock and remove the rear passengers and drivers seat **(Figure 7, 8).**



Figure 7



Figure 8

6. Remove the cover from the servo motor and remove the cables **(Figure 9, 10, 11, 12).** Reattach the cover of the servo motor **(tightening torque: 2Nm/1,4Ftlb).**



Figure 9



Figure 10

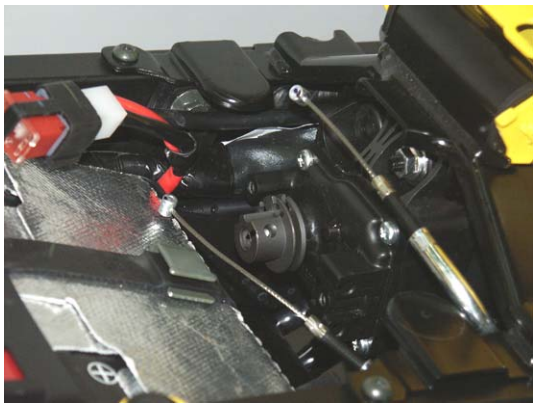


Figure 11



Figure 12

7. Unscrew the lambda sensor **(Figure 13). WARNING! make sure, that you do not damage the lambda sensor's electrical lead.**



Figure 13

8. Unscrew the bolts from chassis hanging bracket of the stock collector-headers assembly **(Figure 14)** and unscrew the nuts from the header tube flanges; Make sure not to damage the cooling fins **(Figure 15).** Remove the stock header tubes together with the collector.

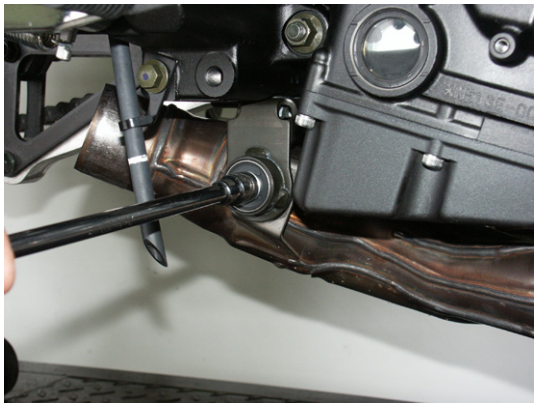


Figure 14

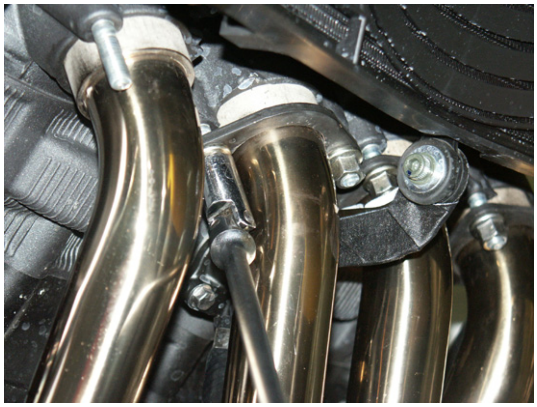


Figure 15

INSTALLATION OF THE AKRAPOVIC EVOLUTION OR RACING EXHAUST SYSTEM:

1. Set up the sleeves together with the flanges and springs; make sure they are correctly oriented **(Figure 16, 17).** Hand tighten the flanges make sure not to damage the cooling fins.



Figure 16

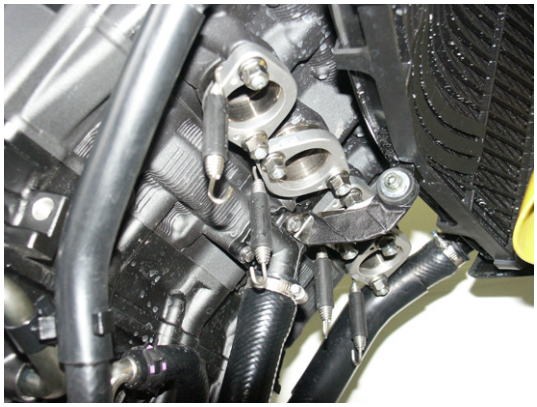


Figure 17

2. Insert the header tubes properly and attach the springs; make sure not to damage the cooling fins. **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! (Figure 18, 19).** Tighten the flanges.



Figure 18

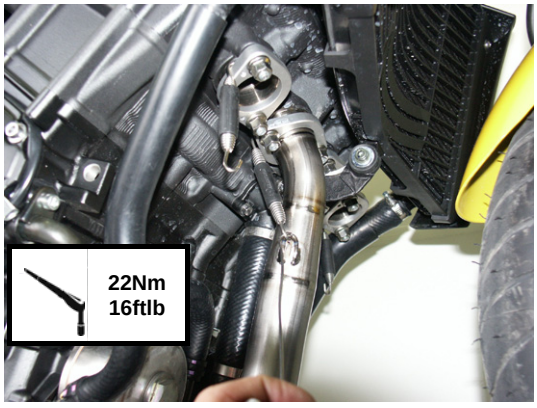


Figure 19

3. 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 20, 21). For Evolution exhaust only:** coat the interior side of the input bushes of the titanium collectors with Akrapovic ceramic anti-seizing grease (white tube).

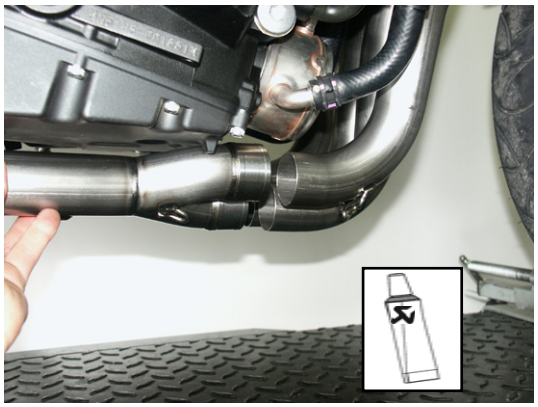


Figure 20



Figure 21

4. Tighten the lambda sensor; make sure the wires are correctly positioned. **WARNING! grease only the threads of the lambda sensor with Akrapovic anti-seize lead-free copper paste (black tube)! (Figure 22, 23). WARNING! make sure, that you do not damage the lambda sensor's electrical lead.**

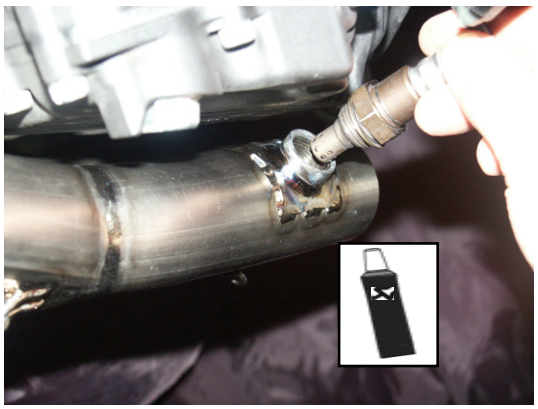


Figure 22

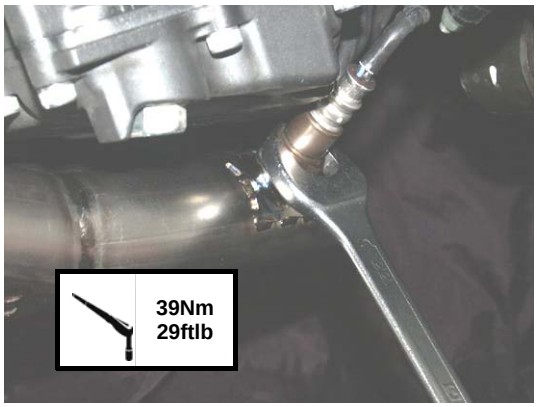


Figure 23

5. Slide the Akrapovic Y link pipe onto collectors and attach the springs. **WARNING! make sure, that springs pull the link pipe all the way onto the collectors– use rubber mallet if necessary to tap the connections into place! (Figure 24, 25). For Evolution exhaust only:** coat the interior side of the input of the titanium Y link pipe with Akrapovic ceramic anti-seizing grease (white tube).

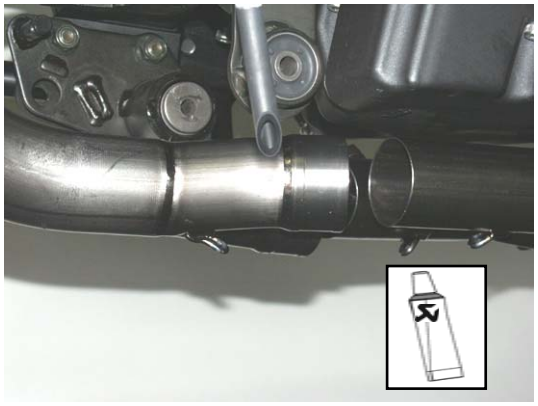


Figure 24



Figure 25

6. Position the muffler with welded link pipe correctly, slide it onto the outlet side of the independent Y link pipe and attach the springs **(Figure 26, 27). WARNING! make sure, that springs pull the muffler with welded link pipe all the way onto the Y link pipe – use rubber mallet if necessary to tap the connections into place! For Evolution exhaust only:** coat the interior side of the input bush of the welded link pipe with Akrapovic ceramic anti-seizing grease (white tube).

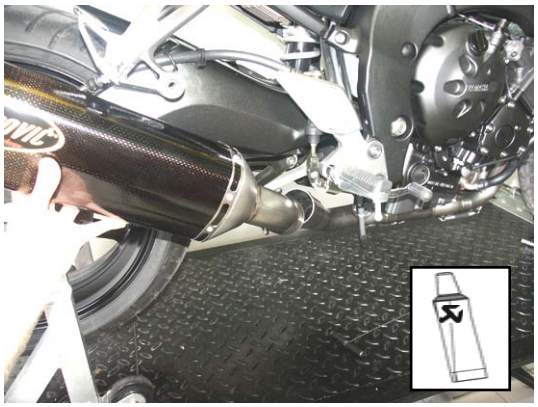


Figure 26



Figure 27

7. 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 28).**



Figure 28

8. Correctly position the stock washer, Akrapovic bolt, washers and nut and tighten the carbon-fiber clamp onto the stock muffler bracket joint **(Figure 29, 30, 31, 32).** Make sure the muffler and link pipe are not touching other parts of the motorcycle.



Figure 29



Figure 30



Figure 31



Figure 32

9. **For FZ1 FAZER only:** install the Akrapovic metal central stand stopper **(Figure 33, 34, 35, 36, 37).**



Figure 33



Figure 34



Figure 35

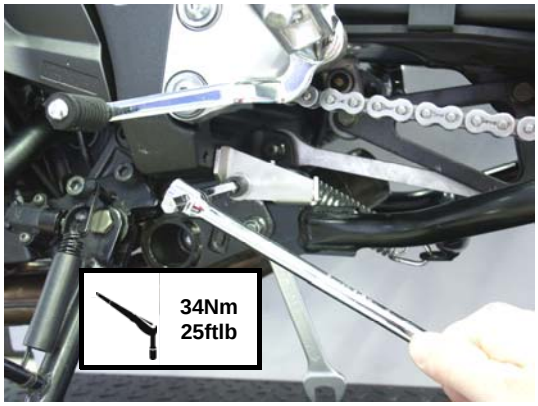


Figure 36



Figure 37

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 & EVOLUTION** system **(Figure 38).**



Figure 38

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.

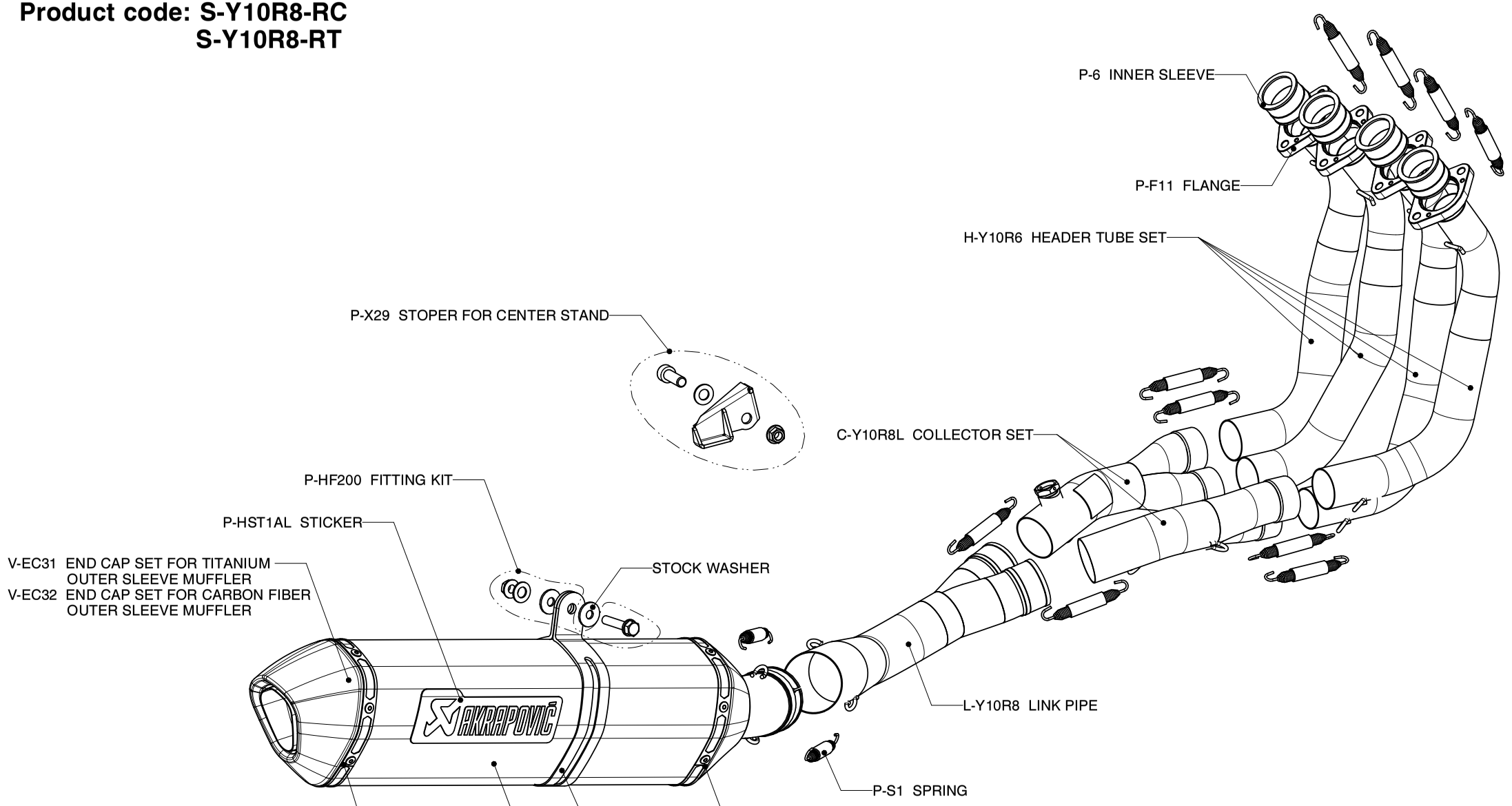
! DO NOT STAND BEHIND THE MUFFLER ON FIRST OPERATION.

! 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

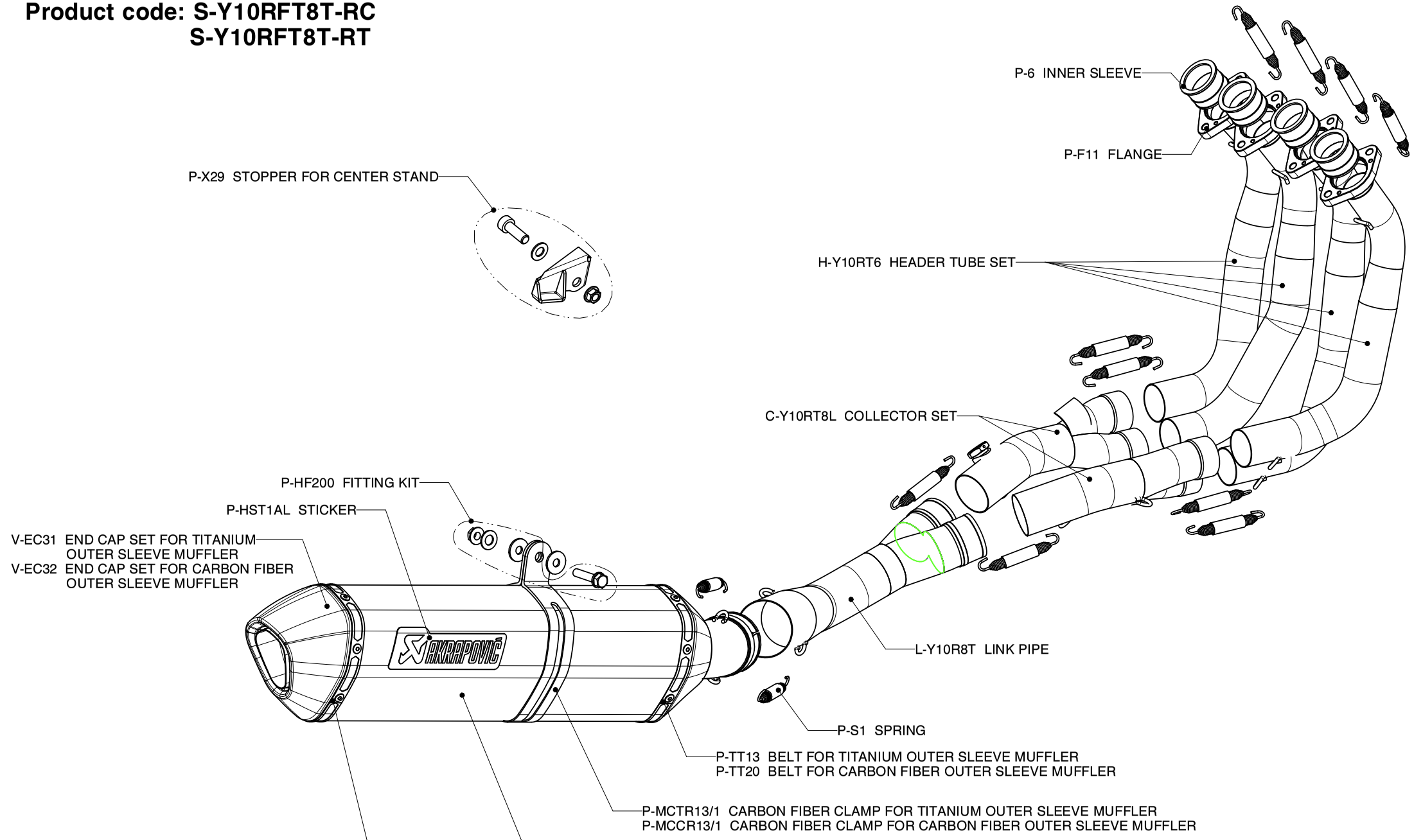
1. Clean the titanium exhaust components with a multi-purpose spray lubricant (WD-40 or equivalent), carbon fiber exhaust components with soft and dry cloth and stainless steel components with soft cloth sprayed with contact cleaner, then wipe with soft and dry cloth. Do not use aggressive chemical cleaners, 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.

YAMAHA FZ1 FAZER, Complete exhaust system / RACING LINE
Product code: S-Y10R8-RC
S-Y10R8-RT



MUFFLER REPAIR KITS	
REPACK	P-RPCK31
SLEEVE	P-RKS81RT45 - TITANIUM P-RKS100RC45 - CARBON

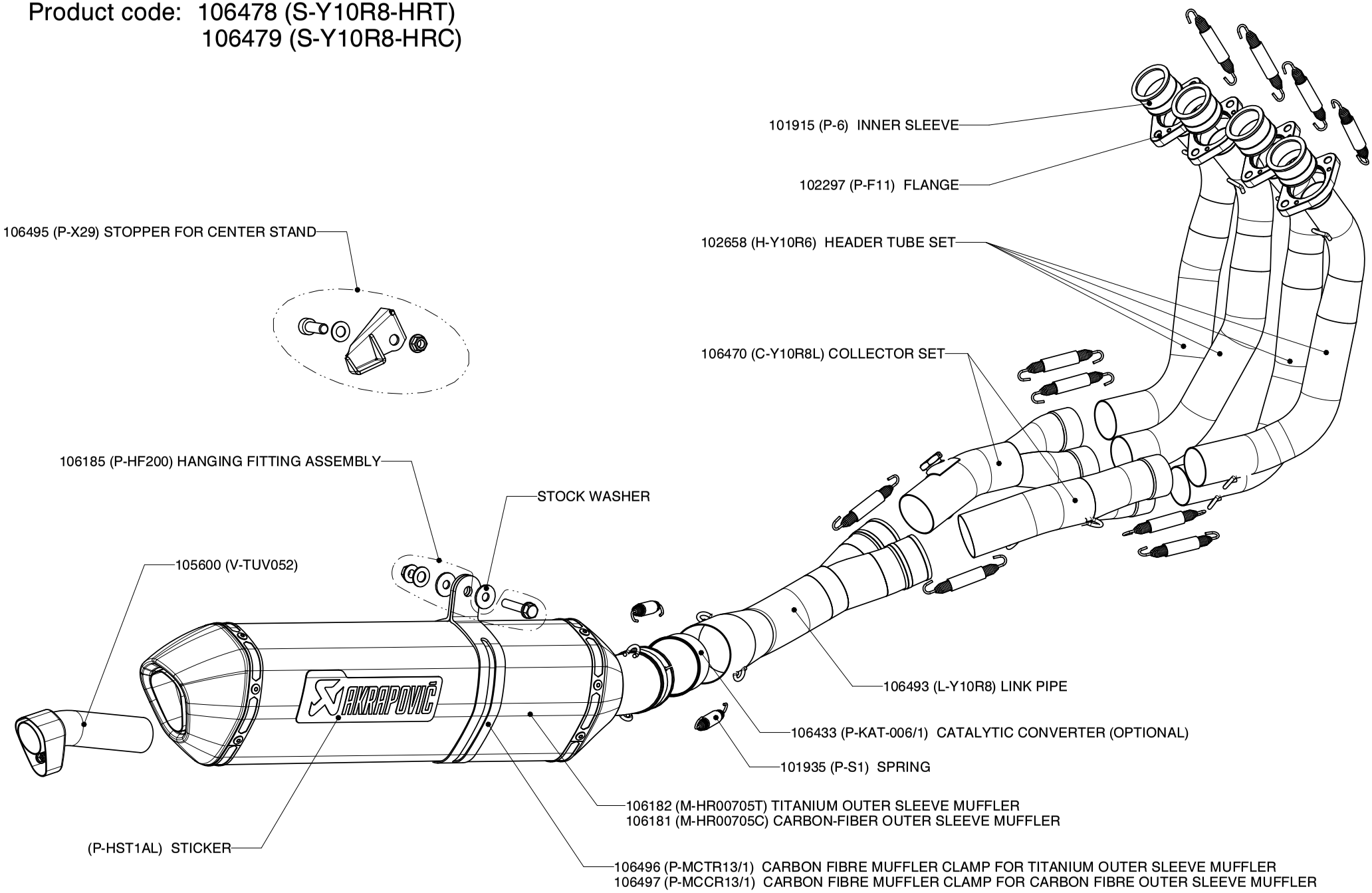
YAMAHA FZ1 FAZER, Complete exhaust system / EVOLUTION LINE
Product code: S-Y10RFT8T-RC
S-Y10RFT8T-RT



MUFFLER REPAIR KITS	
REPACK	P-RPCK31
SLEEVE	P-RKS81RT45 - TITANIUM P-RKS100RC45 - CARBON

YAMAHA FZ1 FAZER 2006 - 2010 / Racing line / street legal

Product code: 106478 (S-Y10R8-HRT)
106479 (S-Y10R8-HRC)



YAMAHA FZ1 FAZER 2006 - 2010 / Evolution line / street legal

Product code: 106473 (S-Y10RFT8T-HRC)
106472 (S-Y10RFT8T-HRT)

