*Installation instructions:*

*350095*

# AKRAPOVIC SPORT PRODUCTION STREET LEGAL EXHAUST SYSTEM for the SUZUKI SV 650 (2003)

**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:

**! CAUTION OR WARNING** **INSTALLATION TIP**

## 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. 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 bolt from the metal muffler bracket **(Figure 1)**
3. remove the bolt from the metal clamp at the back of the header assembly (rear cylinder) **(Figure 2, 3)**
4. remove the bolt from the metal clamp at the front of the header assembly (front cylinder) **(Figure 4)**
5. remove the bolt from the link pipe bracket at the link pipe – collector joint (right side of the motorcycle) **(Figure 5)**
6. remove the bolt from the collector bracket (at the bottom of the motorcycle) **(Figure 6)**
7. remove the muffler together with the link pipe and collector **(Figure 7)**
8. remove the rubber vibration dampers and sleeves from the stock **muffler** chassis hanging bracket (right side) **(Figure 8, 9)** and from the stock **collector** chassis hanging bracket (at the bottom of the motorcycle) **(Figure 10, 11)**
9. remove the bolts from the flanges on the stock header tubes (front and rear) **(Figure 12, 13,)** and remove the header tubes; make sure not to damage the cooling fins

### ❑ INSTALLATION OF THE AKRAPOVIC SPORT PRODUCTION EXHAUST SYSTEM

**installing the header tubes:**
1. set up the sleeves together with the flanges and springs; use the stock gaskets – make sure they are correctly oriented 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 **(Figure 14, 15 – front cylinder, 16, 17 – rear cylinder)**
2. insert the rear header tube properly and attach the springs **(Figure 18, 19)**
3. insert the front header tube; make sure not to damage the cooling fins and attach the springs **(Figure 20, 21)**
4. make sure the header tubes are not touching the engine, oil cooler, other tubes, electrical installations etc.

**installing the independent link pipe:**
1. make sure the link pipe is correctly oriented – loops for attaching the springs must line up **(Figure 22)**
2. slide the link pipe (inlet side) onto the header assembly, if installing a titanium link pipe use ceramic anti-seizing grease in the joint
3. attach the springs
4. install and tighten the bolt for the link pipe chassis hanging bracket **(Figure 23)**
5. make sure the link pipe is not touching the frame and other parts

**installing the muffler:**
1. 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 in the joint **(Figure 24)**
2. position and attach the springs
3. 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 **(Figure 27).** 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! **(Figure 25)**
4. tighten the carbon-fiber clamp onto the stock chassis hanging bracket on the frame – use the Akrapovic washers and bolts **(Figure 26, 27)**
5. make sure the muffler is not touching other parts and that it is parallel to the longitudinal axis of the motorcycle
6. position of the installed Akrapovic Sport Production system **(Figure 28)**

**final installation:**
1. reattach the oil and water coolers using the stock metal brackets; make sure not to damage the cooling fins
2. tighten the bolts on all of the brackets and clamps to which the exhaust system and the other dismounted parts of the motorcycle are attached

3. 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.
4. replace all of the dismounted stock parts and cowlings in the reverse order from the order in which they were removed **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 silencing 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 ensure that all the bolts and springs are sufficiently tight.

## Photos:

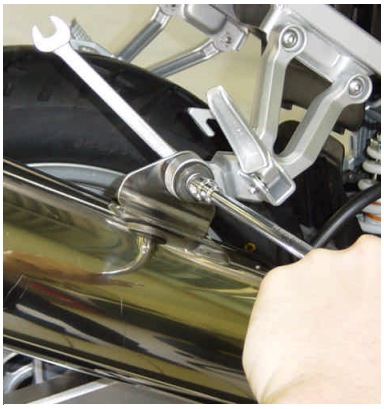


***Figure 1***

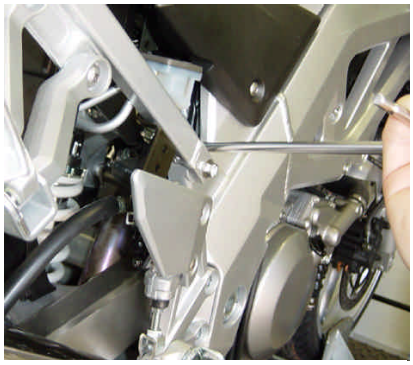


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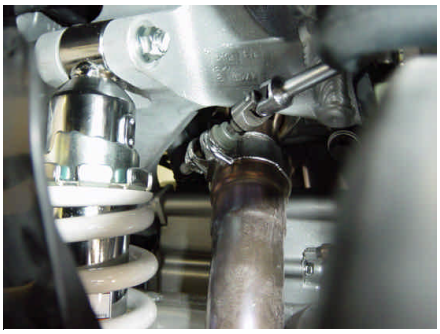


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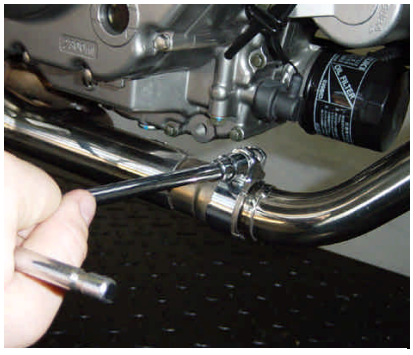


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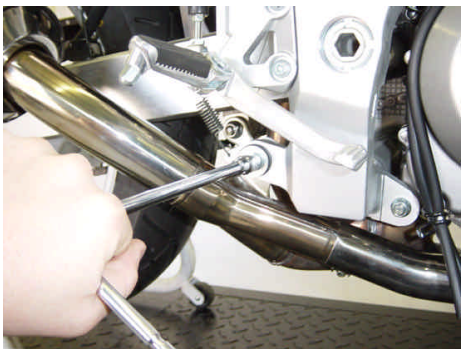


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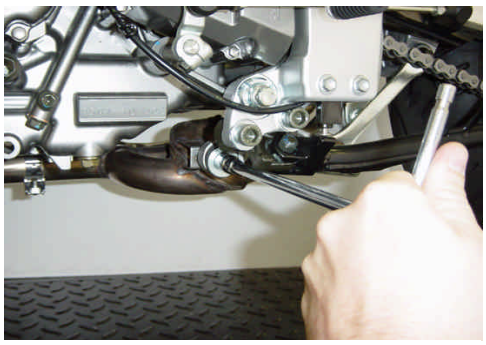


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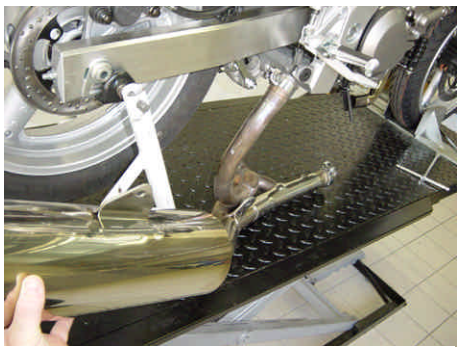


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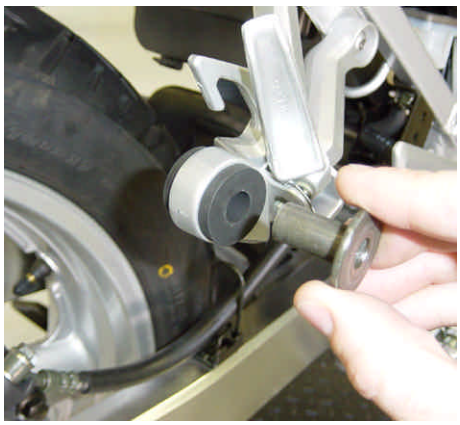


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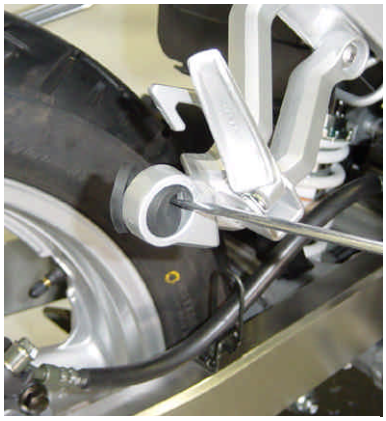


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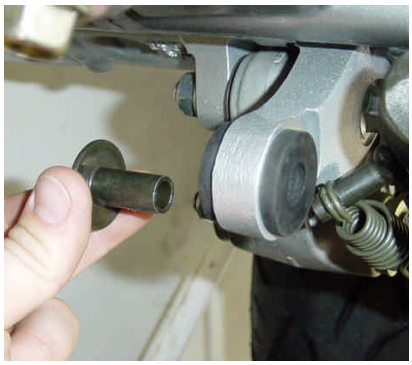


*Figure 10*



*Figure 11*

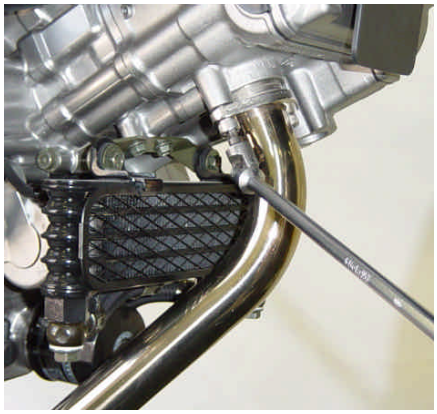


*Figure 12*



*Figure 13*



*Figure 14*

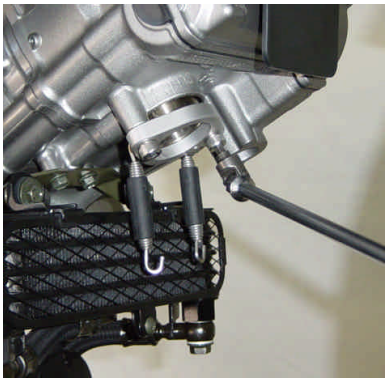


*Figure 15*



*Figure 16*

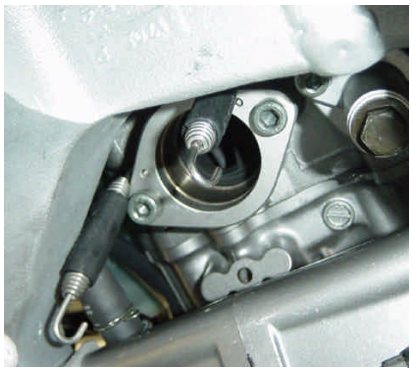


*Figure 17*



*Figure 18*

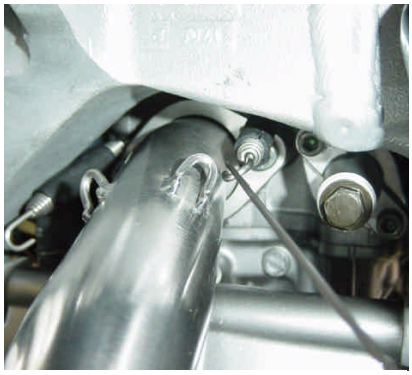


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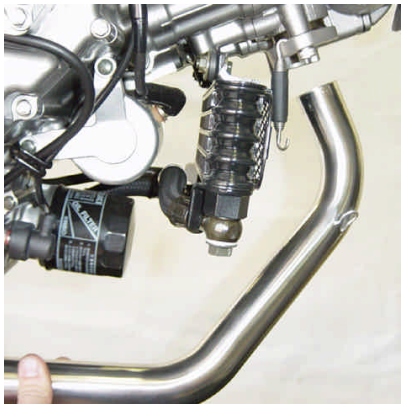


*Figure 20*



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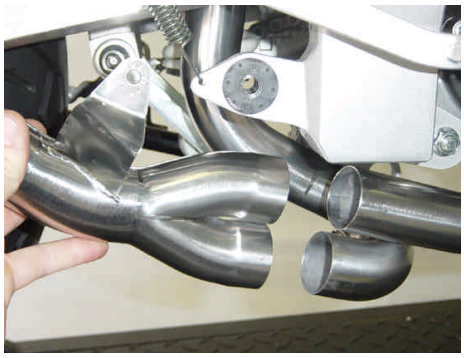


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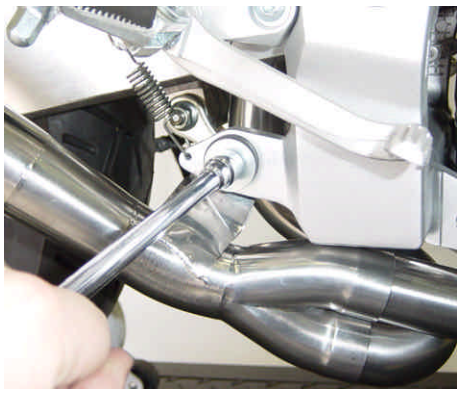


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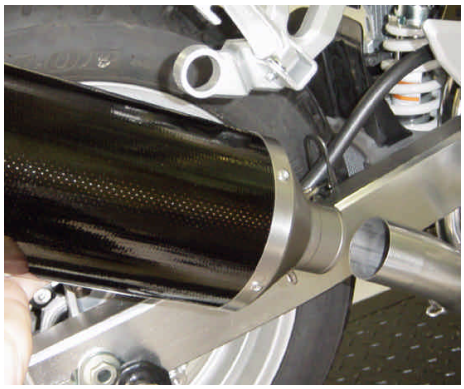


*Figure 24*



*Figure 25*

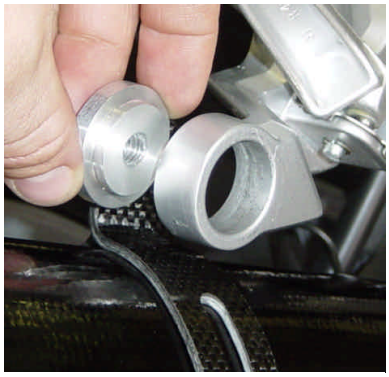


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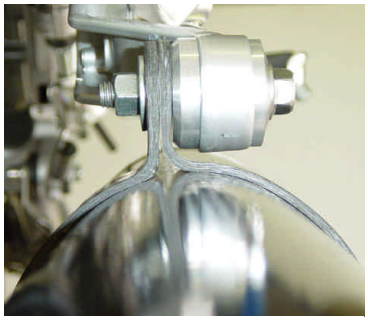


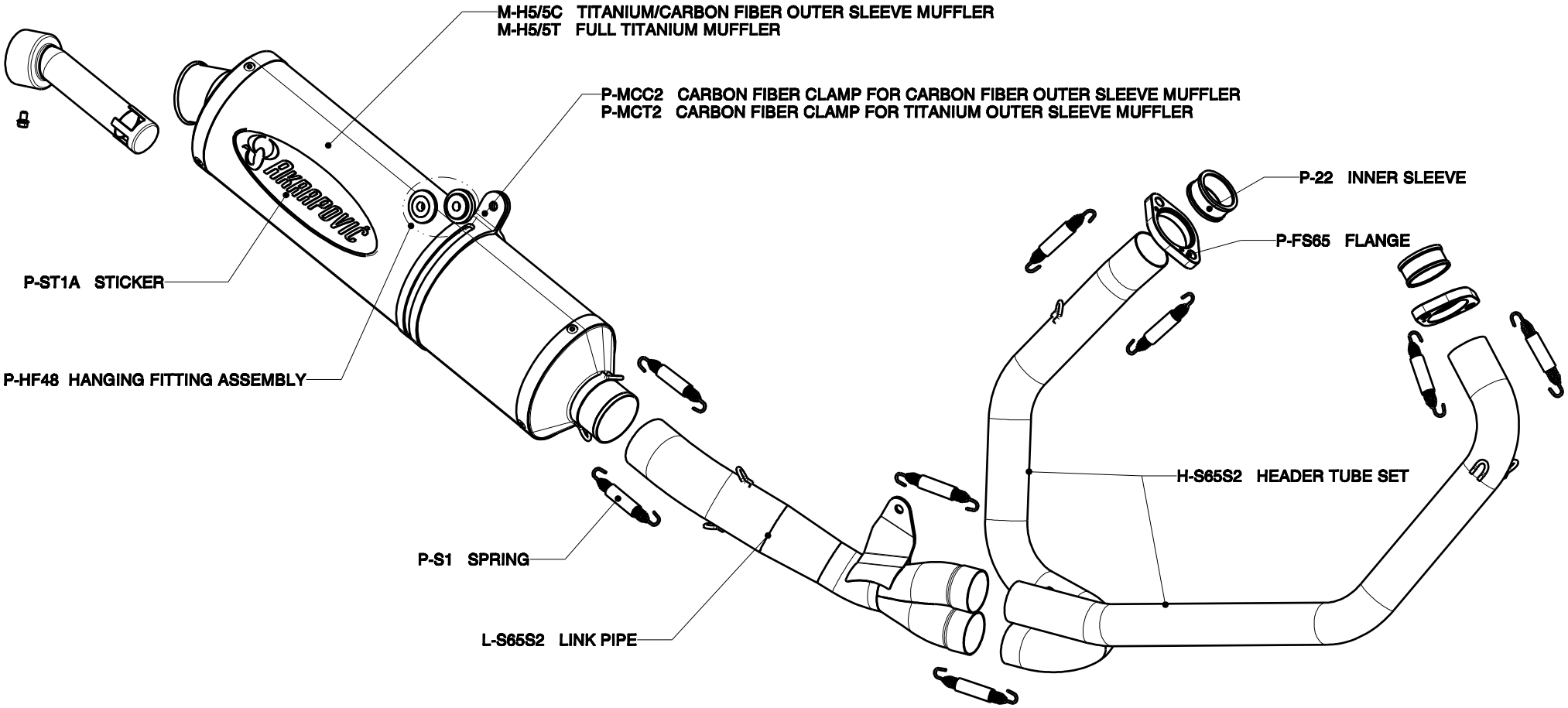
*Figure 27*




*Figure 28*

# SUZUKI SV650 S, Homologated/ Sport production exhaust system, model year: 2003

## Product code: S-S65S2-HC
## S-S65S2-HT




NAV - 092

**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.”