

Installation instructions:



AKRAPOVIC SP series SLIP-ON EXHAUST SYSTEM for the SUZUKI SV650 (2005-2006)

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.å.

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.å. All rights reserved.


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.**

-  T-handle 5mm three hexagon key wrench
- T-handle 6mm three hexagon key wrench
- T-handle swiveling 6mm three hexagon key wrench
- T-handle 12mm wrench
- Combination 12mm wrench

REMOVAL OF STOCK EXHAUST SYSTEM

1. Put the motorcycle on a side stand, we recommend a racing stand.
2. Unscrew and remove the bolts from the metal brackets on the stock collector (**Figure 1, 2**).



Figure 1



Figure 2

3. Untighten the bolt on the metal clamp at the collector – front header tube joint and unscrew the front header flange (**Figure 3, 4**).



Figure 3



Figure 4

4. Remove the front header tube and untighten the bolt on the metal clamp from collector-rear header joint (**Figure 5, 6**).



Figure 5



Figure 6

5. Unscrew and remove the bolt from the muffler metal bracket (**Figure 7**). Remove the muffler together with the link pipe and collector (**Figure 8**).



Figure 7



Figure 8

INSTALLATION OF THE AKRAPOVIC SLIP-ON EXHAUST SYSTEM

Installing the link pipe with welded muffler:

1. Mark (87mm from the weld!) and cut the stock link-pipe as shown (**Figure 9, 10**). Grind the edge of the cut and spot welds on stock link-pipe (**Figure 10, 11**).

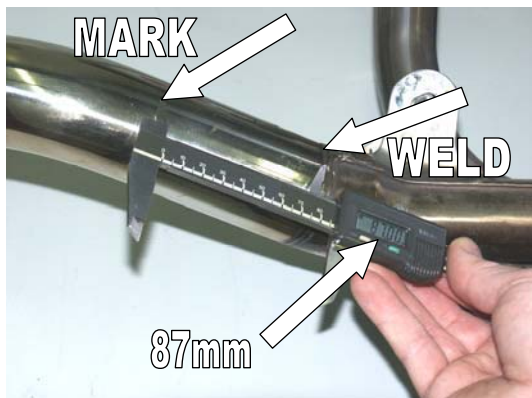


Figure 9



Figure 10



Figure 11

2. Reinstall the stock collector and front header tube in the reverse order from the order in which they were removed (Figure 12, 13, 14, 15, 16, 17).

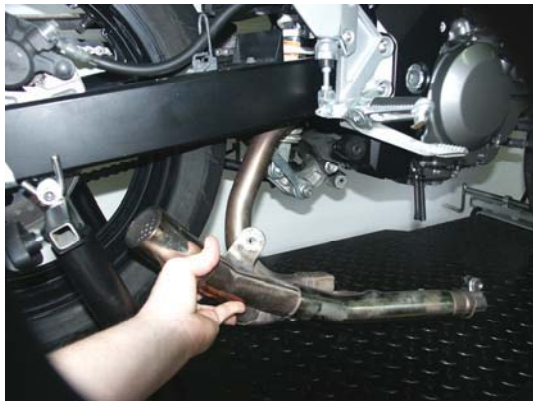


Figure 12



Figure 13

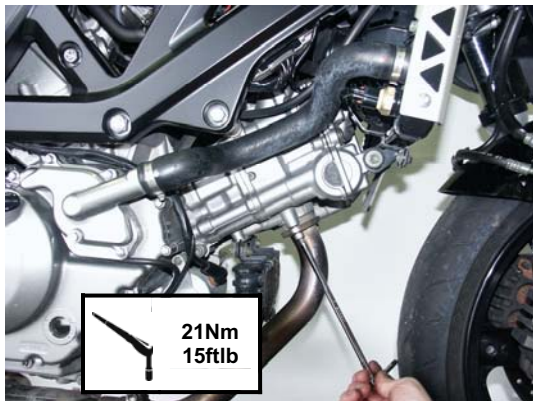


Figure 14



Figure 15

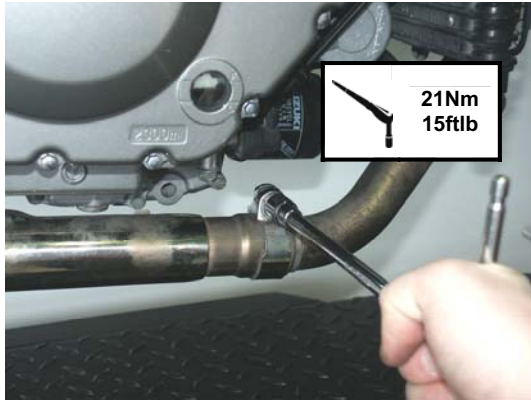


Figure 16

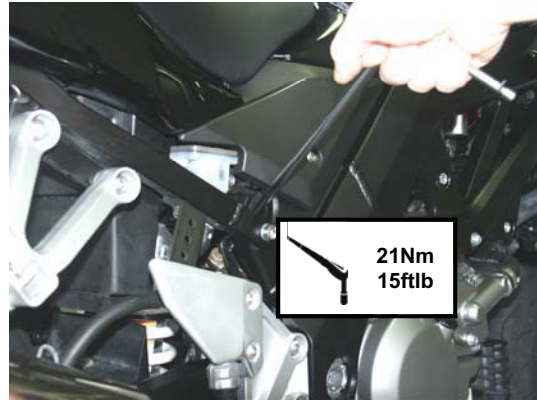


Figure 17

3. Coat the bolt and interior of the metal clamp with Akrapovic anti-seize lead-free copper paste (black tube) and correctly install the metal clamp onto the Akrapovic link pipe (**Figure 18**).

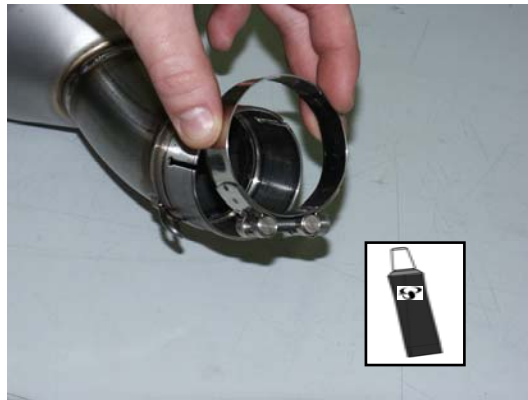


Figure 18

4. Attach the spring on stock link-pipe bracket (**Figure 19**).



Figure 19

5. Correctly position the muffler with the link pipe and slide it onto the stock collector/link – pipe (**Figure 20**).



Figure 20

6. 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 (you should see the yellow sticker!). **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 21**).



Figure 21

7. Attach the carbon-fiber clamp to the stock chassis hanging bracket – use the stock bolt and Akrapovic nut (supplied in the Akrapovic kit). Do not fully tighten. Align the muffler in respect to motorcycle first. Make sure the additional parts from the Akrapovic kit are correctly installed (**Figure 22, 23**).



Figure 22



Figure 23

8. Make sure the link pipe or muffler are not touching the frame and other parts of the motorcycle.

Final installation:

1. Tighten fully the bolts of the muffler clamp and metal clamp (**Figure 24, 25**).



Figure 24



Figure 25

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. Stainless steel link pipe: use a soft cloth sprayed with a contact cleaner, then wipe with a soft dry cloth.Cleaning will prevent spots from burning onto the surface. Do not use aggressive chemical cleaners, because they can damage the sticker.
3. Position of the correctly installed Akrapovic SLIP-ON system (**Figure 26**).



Figure 26

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.

! 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 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 make sure all the bolts and springs are sufficiently tight.

SUZUKI SV 650 S, Slip-on line SP SERIES/Model year:2005-2006/, Open

Product code: SS-S6SO4-T

