



AKRAPOVIC EVOLUTION EXHAUST SYSTEM
for the
DUCATI MONSTER S4R (08) & DUCATI MONSTER S4RS (06-08)

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
- 5.
6. 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.
7. 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.net/>

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.



T-handle 8mm wrench
T-handle 10mm wrench
T-handle 12mm wrench
T-handle 13mm wrench
T-handle 10mm swiveling wrench
T-handle 3mm three hexagon key wrench
T-handle 4mm three hexagon key wrench
T-handle 5mm three hexagon key wrench
Combination 13mm wrench
Combination 22mm wrench
Cutting pliers
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. Remove stock heat shields (**Figure 1, 2**).



Figure 1



Figure 2

3. Unscrew the bolts from the metal clamps at the muffler – collector joints (**Figure 3, 4**).



Figure 3



Figure 4

4. Unscrew the bolt from the muffler chassis hanging bracket and remove both mufflers with link pipes (Figure 5, 6).



Figure 5



Figure 6

5. Unscrew the bolt of the metal clamp from rear header pipe – stock collector joint **WARNING: do not remove rear cylinder header!** (Figure 7). Unscrew the nuts from the flange on the front header (Figure 8).

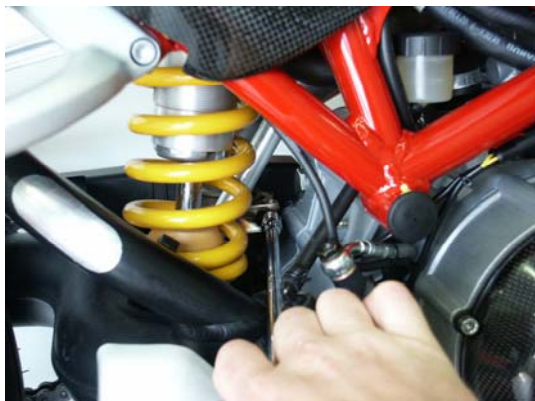


Figure 7



Figure 8

6. Unscrew and remove the lambda sensor (Figure 9).



Figure 9

7. Unscrew the bolts of stock collector hanging brackets (Figure 10, 11). Lift the metal clamp out of the way and remove stock collector together with front header (Figure 12, 13).



Figure 10



Figure 11



Figure 12



Figure 13

INSTALLATION OF THE AKRAPOVIC EVOLUTION EXHAUST SYSTEM:

1. Assemble the bracket on Akrapovic collector (Figure 14).



Figure 14

2. Onto the stock rear header properly install metal ring with hook for attaching the spring (Figure 15, 16, 17).



Figure 15



Figure 16

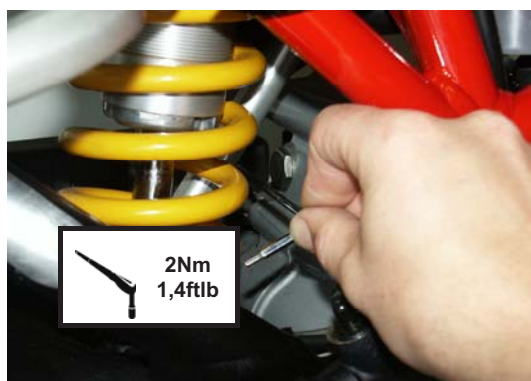


Figure 17

3. Assemble the front header and collector and install them on the motorcycle (Figure 18). Tighten the nuts from the flange on the front header and attach the springs on the rear cylinder stock header – Akrapovic collector joint and Akrapovic front header-collector joint (Figure 19, 20, 21). Tighten the bolt of the metal bracket on the collector (Figure 22).



Figure 18



Figure 19

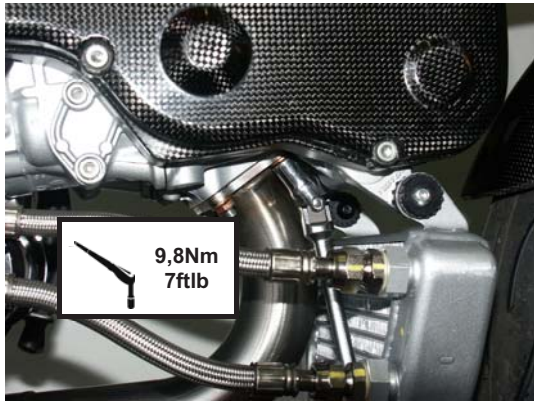


Figure 20



Figure 21

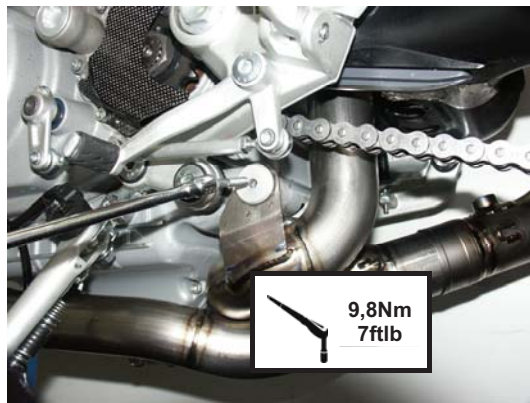


Figure 22

4. Correctly reattach the electrical lead of the lambda sensor, so it can be installed onto the Akrapovic link pipe; attach the cable (el. lead for the lambda sensor) using plastic ties; cut away excess (**Figure 23, 24, 25, 26, 27, 28, 29**).

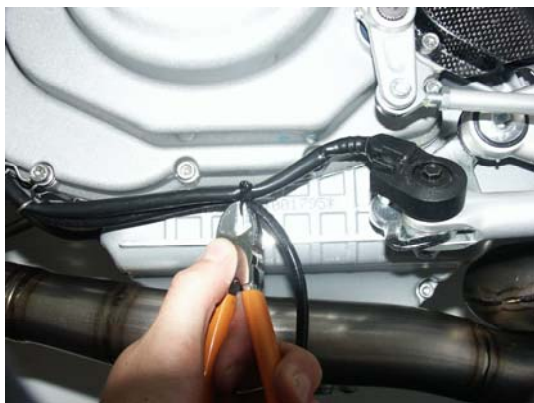


Figure 23

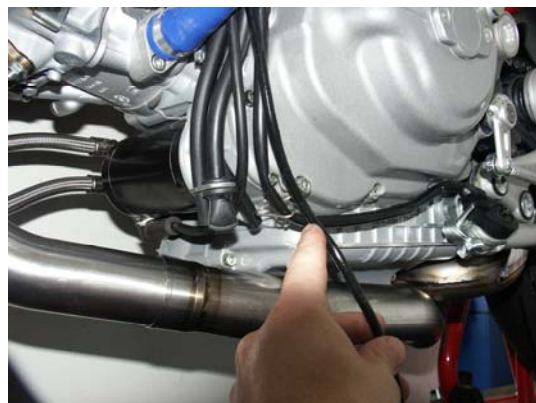


Figure 24



Figure 25



Figure 26



Figure 27



Figure 28

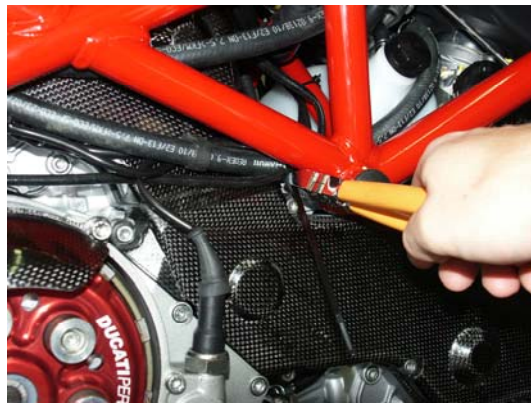


Figure 29

- Slide the Akrapovic link pipe onto the collector and attach the spring; coat the interior side of the input of the titanium link pipe with Akrapovic ceramic anti-seizing grease (white tube) **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 30, 31). Tighten the lambda sensor **WARNING!** grease only the threads of the lambda sensor with Akrapovic anti-seize lead-free copper paste (black tube)! (Figure 32).



Figure 30



Figure 31



Figure 32

- Install Akrapovic carbon-fiber chassis hanging bracket; make sure the link pipe is not touching the frame and other parts (Figure 33, 34).



Figure 33

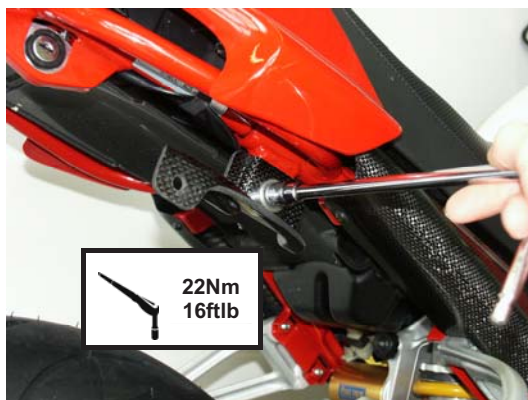


Figure 34

7. Position the muffler correctly and slide it onto the outlet side of the link pipe and attach the springs; **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! Coat the interior side of the input of the muffler with Akrapovic ceramic anti-seizing grease (white tube) (Figure 35, 36).



Figure 35



Figure 36

8. 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 37). Tighten the carbon-fiber clamp onto the Akrapovic carbon-fiber chassis hanging bracket (Figure 38, 39, 40). Make sure the muffler is not touching other parts of the motorcycle.



Figure 37



Figure 38



Figure 39

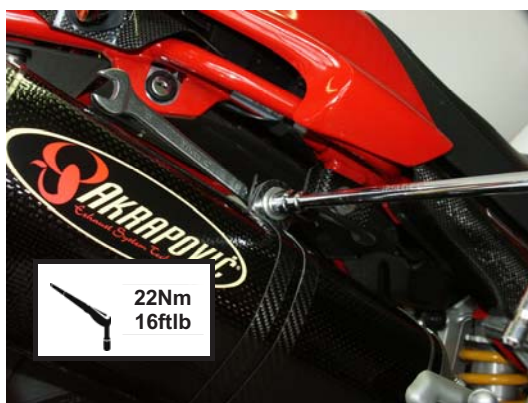


Figure 40

9. Install the Akrapovic carbon-fiber heat shield onto the link pipe (Figure 41, 42). Tighten the bolts on all of the brackets and clamps to which the Akrapovic exhaust system is attached.



Figure 41



Figure 42

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. Stainless steel link pipe: use a soft cloth sprayed with a contact cleaner, then wipe with a soft dry cloth.
 - e. Titanium inlet cap and welded 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.

Position of the correctly installed Akrapovic **EVOLUTION** system (Figure 43).



Figure 43

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.

DUCATI S4Rs Testastretta, Evolution exhaust system, open, model year: 2006-2008
 DUCATI S4R Monster, Evolution exhaust system, open, model year: 2008

Product code: 106389 (S-D10ET1TL-RC)
 106388 (S-D10ET1TL-RT)

