



AKRAPOVIC CARBON-FIBER PARTS
for the
YAMAHA R1 (2007-)

Congratulations on purchasing an Akrapovic carbon-fiber part. Please read these installation instructions carefully. If you have any trouble installing the part 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 carbon-fiber part.
2. Akrapovic makes no representation or warranties with regard to damage caused by the improper installation, use and maintenance of the Akrapovic carbon-fiber part. The warranty is limited to defects recognized by our technical department and to normal use. The guarantee is void in case of accident, modification, improper or competition use.
3. Do not attempt to install the Akrapovic carbon-fiber part on a motorcycle for which it was not made or tested by Akrapovic.
4. Technical specifications of Akrapovic carbon-fiber parts and related products subject to change without notice.

Trademarks

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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:




INSTALLATION INSTRUCTIONS

THESE INSTALLATION INSTRUCTIONS MUST BE READ CAREFULLY IN ORDER TO ENSURE PROPER INSTALLATION AND OPERATION OF THE AKRAPOVIC CARBON-FIBER PART.

 BEFORE INSTALLING CHECK SCHEMATIC OF THE CARBON-FIBER PART!

 IF ANY ITEMS IN THE AKRAPOVIC CARBON-FIBER PART PACKAGE ARE MISSING PLEASE CONTACT YOUR AUTHORIZED DEALER. KEEP THE SCHEMATIC FOR FUTURE REFERENCE.

 THE MOTORCYCLE CAN BECOME EXTREMELY HOT WHEN RUNNING. ALLOW THE MOTORCYCLE TO COOL DOWN BEFORE BEGINNING INSTALLATION.


 DO NOT USE AUTOMOTIVE WHEEL CLEANERS OR ANY CLEANING PRODUCTS WHICH CONTAIN ACIDIC ADDITIVES TO CLEAN AKRAPOVIC CARBON-FIBER PARTS.

 CARBON-FIBER PARTS MAY HAVE SHARP EDGES, POINTED SECTIONS AND SHARP CUTTINGS WHICH COULD DAMAGE YOUR SKIN AND/OR EYES.

 BEFORE INSTALLING MAKE SURE YOU ARE WEARING PROTECTIVE EQUIPMENT. RECOMMENDED: PROTECTIVE EYEWEAR AND GLOVES.

 DO NOT BEND CARBON-FIBER PARTS DURING INSTALLATION AND DO NOT USE FORCE: CARBON-FIBER PARTS CAN BE DAMAGED OR BREAK.

 USE ONLY PROFESSIONAL TOOLS DURING INSTALLATION.

 WE ADVISE YOU TO LEAVE INSTALLATION TO A QUALIFIED SERVICEMAN. IMPROPER INSTALLATION MAY RESULT IN A SHORTER LIFETIME OF THE CARBON-FIBER PART AND/OR DAMAGE TO THE MOTORCYCLE.

1. INSTALLATION OF THE AKRAPOVIC CARBON-FIBER FRONT FENDER:

1. Make sure that the engine and the heated parts of the bike are cold before carrying out the following instructions.
2. Position the motorcycle on a side stand (**we recommend a racing stand**). Make sure, that surface is solid and flat.
3. Unscrew and remove **bolts A** (**Figure 1**) and remove stock fender (**Figure 2**).
4. Reposition **collars C** and **rubber mounts B** (**Figure 3**) from stock fender to Akrapovic carbon fiber fender (**Figure 4**).
5. Position the Akrapovic carbon-fiber fender in its location on the motorcycle, using stock **bolts A**, flat washers and nuts. Make sure that carbon-fiber fender is centered with respect to the motorcycle and tighten **bolts A** securely. Tightening torque for **bolts A**: 5.1 ftlb (7 Nm). (**Figure 5, 6**).

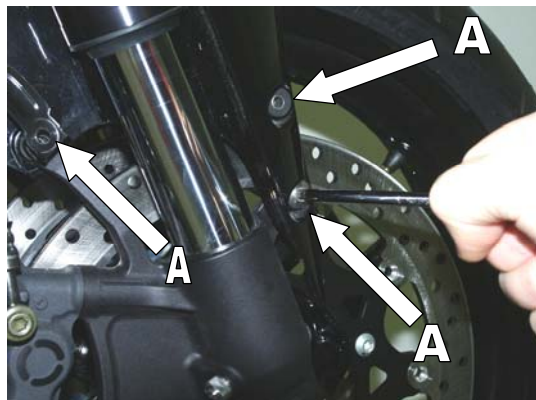


Figure 1



Figure 2

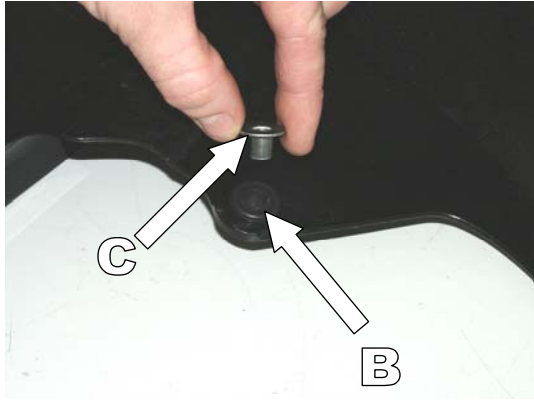


Figure 3

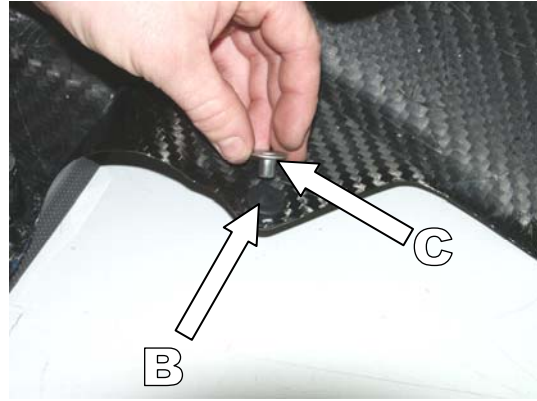


Figure 4



Figure 5

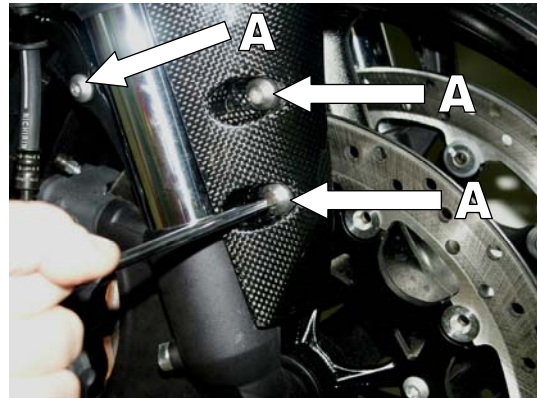


Figure 6

2. INSTALLATION OF THE AKRAPOVIC CARBON-FIBER REAR FENDER AND CHAIN GUARD:

1. Make sure that the engine and the heated parts of the bike are cold before carrying out the following instructions.
2. Position the motorcycle on a side stand (**we recommend a racing stand**). Make sure, that surface is solid and flat.
3. Unscrew and remove **bolts A** (Figure 1, 2, 3, 4) and remove stock fender and chain guard (Figure 5, 6).
4. Reposition **collars C** and **rubber mounts B** from stock rear fender and chain guard to Akrapovic carbon fiber rear fender and chain guard (Figure 7).
5. Position the Akrapovic carbon-fiber fender and chain guard on their location on the motorcycle, using stock bolts, **rubber mounts B** flat washers and **collars C**. Make sure that carbon-fiber fender and chain guard are centered with respect to the motorcycle and tighten **bolts A** securely. Tightening torque for **bolts A**: 5.1 ftlb (7 Nm). (Figure 8).

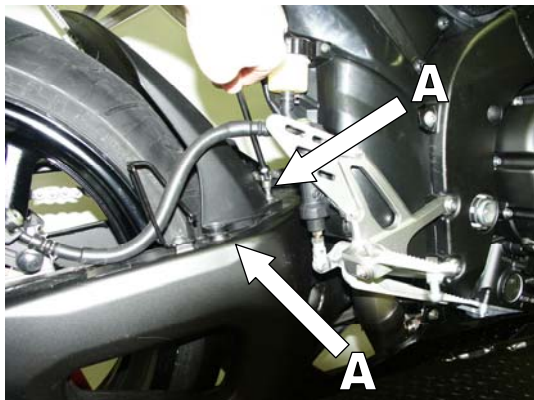


Figure 1

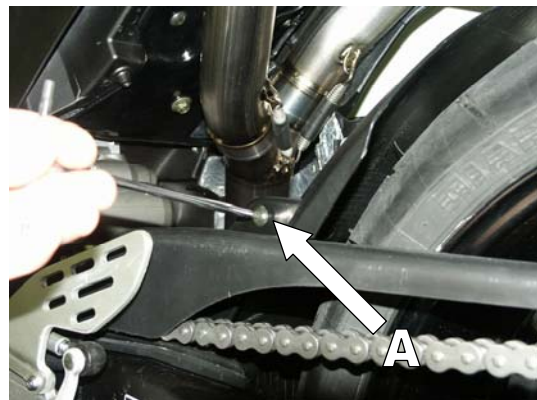


Figure 2

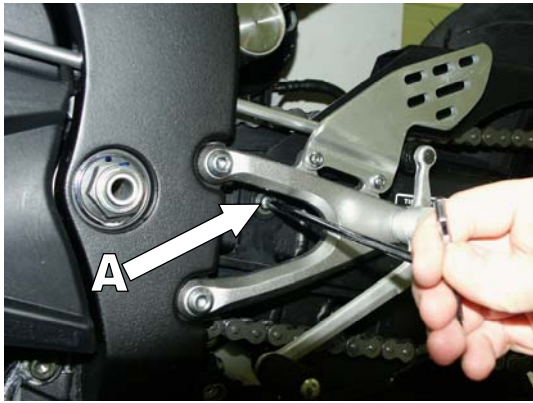


Figure 3

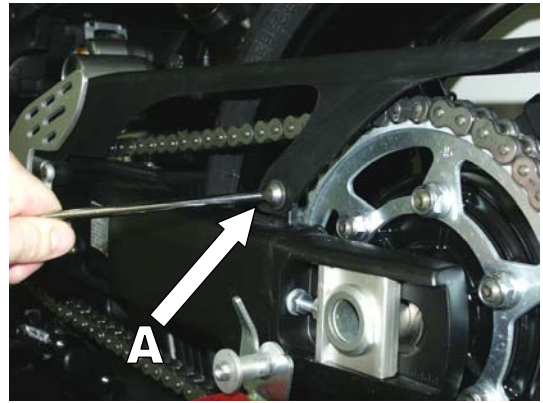


Figure 4



Figure 5



Figure 6

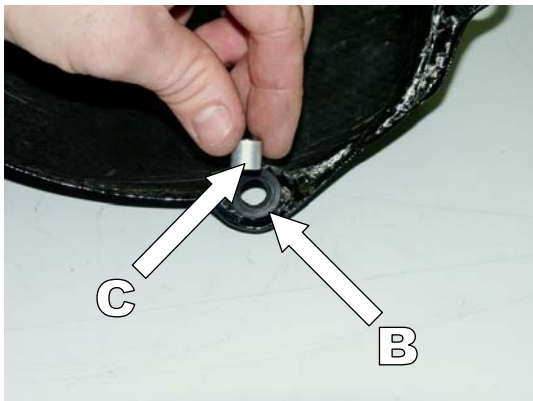


Figure 7

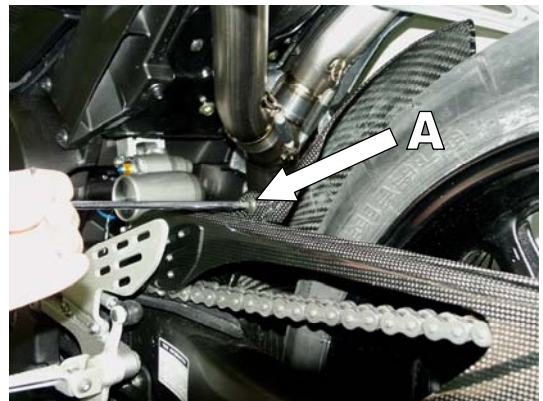


Figure 8

3. INSTALLATION OF THE AKRAPOVIC CARBON-FIBER SPROCKET COVER:

1. Make sure that the engine and the heated parts of the bike are cold before carrying out the following instructions
2. Position the motorcycle on a side stand (**we recommend a racing stand**). Make sure, that surface is solid and flat.
3. Clean the surface of stock sprocket cover ; use a soft cloth sprayed with a contact cleaner. Remove the adhesive liner from all double coated bonding **tapes A** on Akrapovic carbon-fiber cover (**Figure 1**). Align the carbon-fiber cover and press it firmly for 30 seconds on the cleaned stock cover (**Figure 2, 3**).Wait for one hour before use!

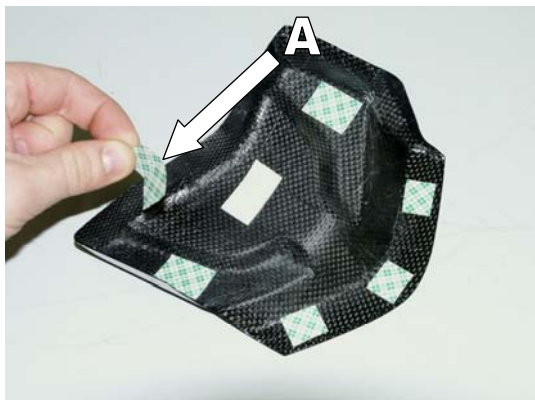


Figure 1



Figure 2



Figure 3

4. INSTALLATION OF THE AKRAPOVIC CARBON-FIBER CLUTCH LEVER COVER:

1. Make sure that the engine and the heated parts of the bike are cold before carrying out the following instructions.
2. Position the motorcycle on a side stand (**we recommend a racing stand**). Make sure, that surface is solid and flat.
3. Unscrew and remove **bolts A** (**Figure 1**) and remove stock lever cover.
4. Position the Akrapovic carbon-fiber lever cover on the motorcycle, using stock bolts (**Figure 2**). Tightening torque for **bolts A**: 3.6 ftlb (4.9 Nm).

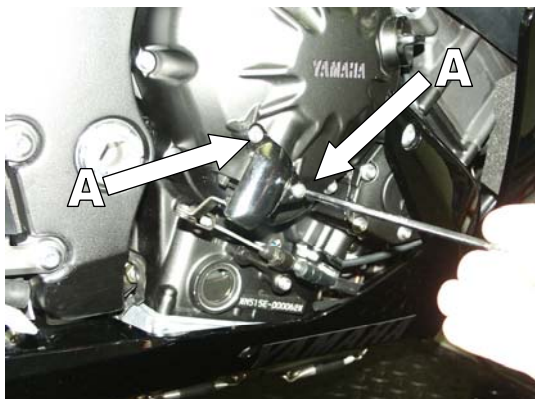


Figure 1

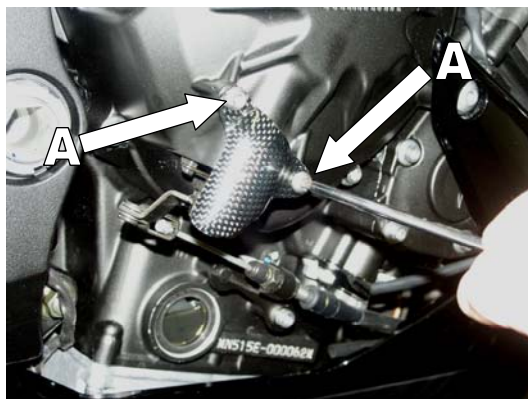


Figure 2

5. INSTALLATION OF THE AKRAPOVIC CARBON-FIBER FEETSHIELDS:

1. Make sure that the engine and the heated parts of the bike are cold before carrying out the following instructions.
2. Position the motorcycle on a side stand (**we recommend a racing stand**). Make sure, that surface is solid and flat.
3. Unscrew and remove **bolts A (Figure 1, 2)** on both sides of motorcycle, and remove stock footshields.
4. Position the Akrapovic carbon-fiber footshields on the motorcycle, using stock bolts (**Figure 3, 4**). Tightening torque for **bolts A**: 3.6 ftlb (4.9 Nm).

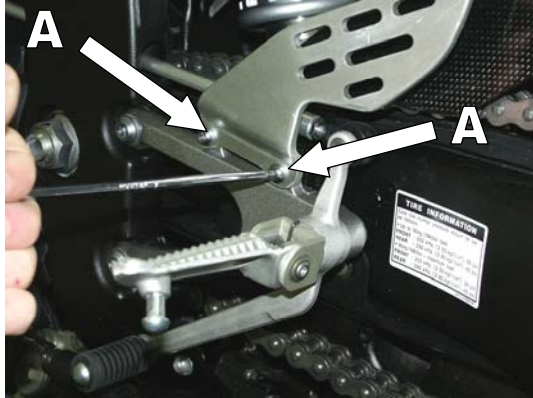


Figure 1



Figure 2

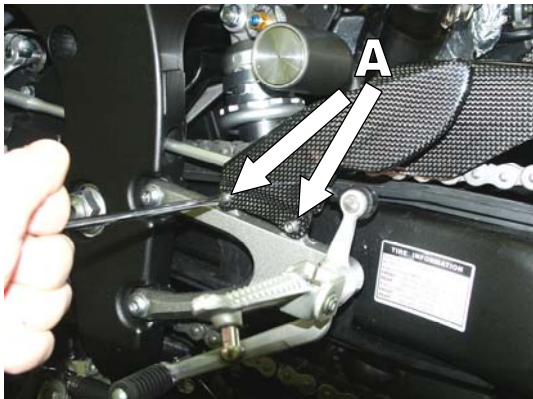


Figure 3

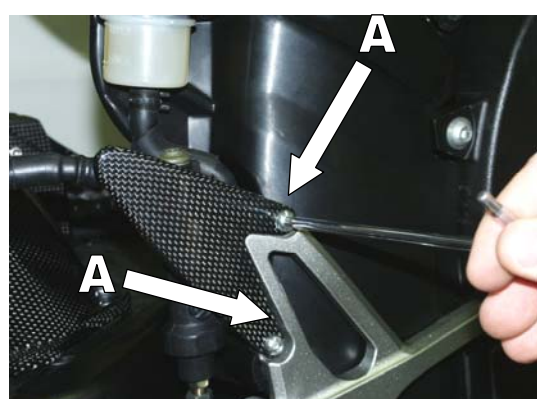


Figure 4

6. INSTALLATION OF THE AKRAPOVIC CARBON-FIBER EXHAUST HEATSHIELD:

1. Make sure that the engine and the heated parts of the bike are cold before carrying out the following instructions.
2. Position the motorcycle on a side stand (**we recommend a racing stand**). Make sure, that surface is solid and flat.
3. Unscrew and remove **bolts A (Figure 1, 2)**, and remove stock heatshield.
4. Unscrew the **bolts A** from the rider's foot-rest bracket, **bolt B** of brake fluid reservoir and rear brake stop switch – do not disconnect the brake fluid tube! (**Figure 3, 4**).
5. Remove the **press-on nut C** on stock heatshield and install it on Akrapovic heatshield (**Figure 5, 7**).
6. Unscrew the stock heatshield (**bolt D**) from the rider's foot-rest and install Akrapovic heatshield (**bolt D**). Tightening torque for **bolt D**: 5.1 ftlb (7 Nm). (**Figure 6, 8**).
7. Tighten the brake fluid reservoir (**bolt B**) and rear brake stop switch on Akrapovic heatshield. Tightening torque for **bolt B**: 5.1 ftlb (7 Nm). (**Figure 9**).
8. Tighten the **bolts A** from the rider's foot-rest bracket. Tightening torque for **bolts A**: 22 ftlb (30 Nm) (**Figure 10**).
9. Attach the upper heatshields bracket. Use Akrapovic **Alu spacer E** and **bolt F**. Tightening torque for **bolt F**: 3.6 ftlb (4.9 Nm). (**Figure 11, 12, 13**).

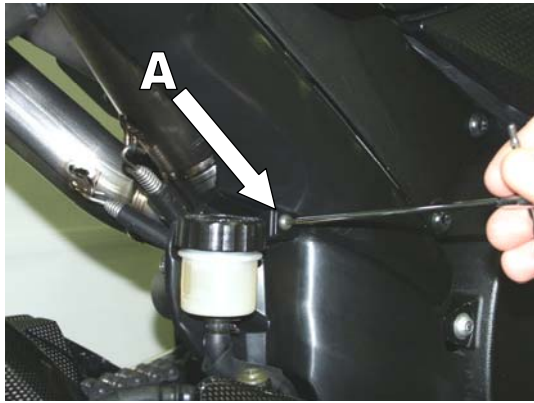


Figure 1

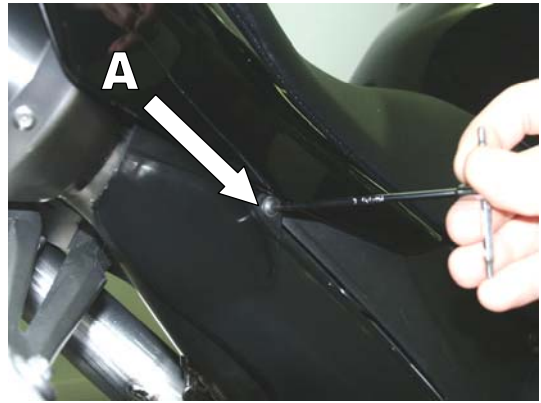


Figure 2

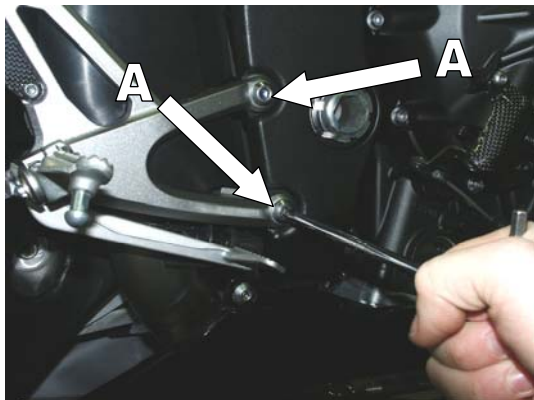


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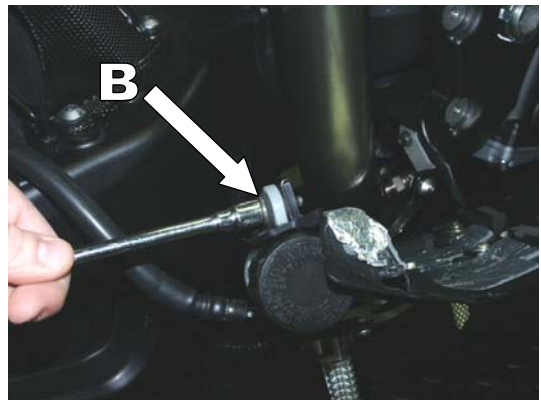


Figure 4

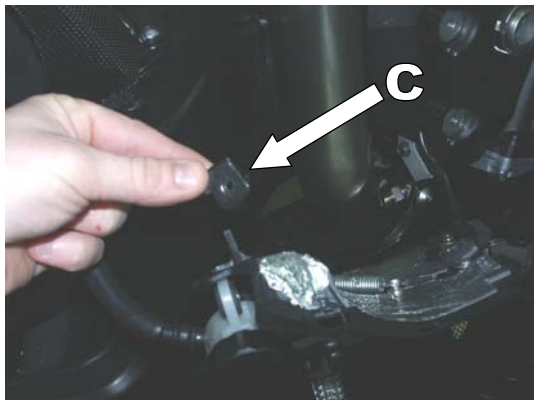


Figure 5

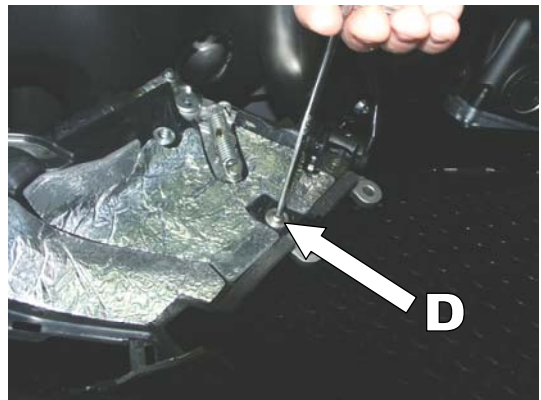


Figure 6

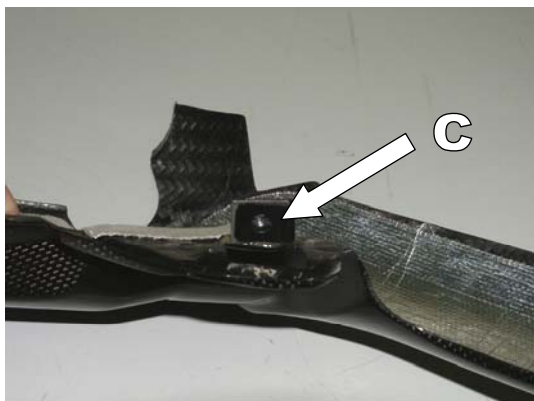


Figure 7

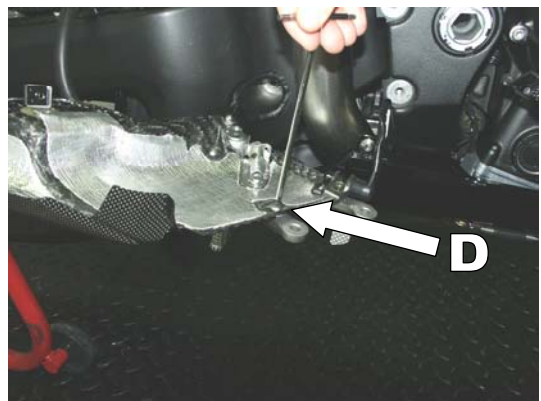


Figure 8

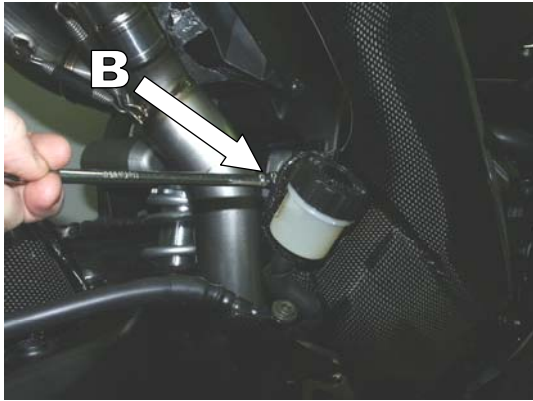


Figure 9

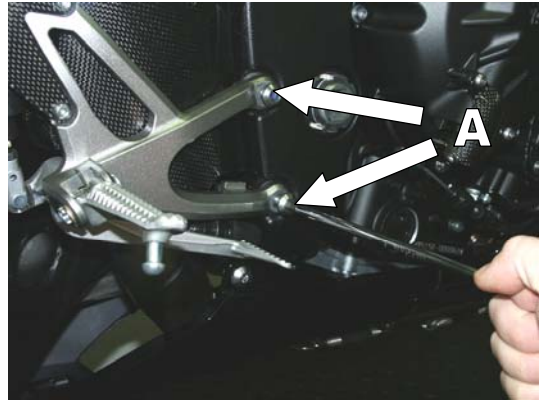


Figure 10

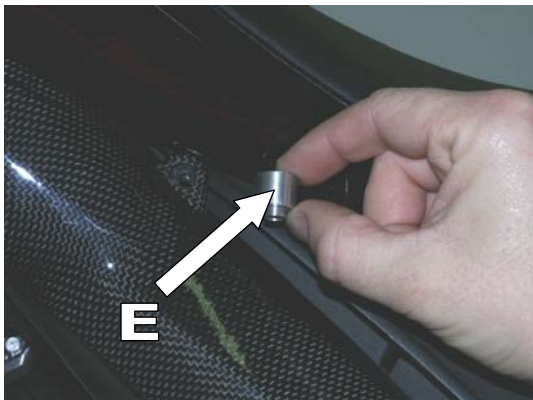


Figure 11

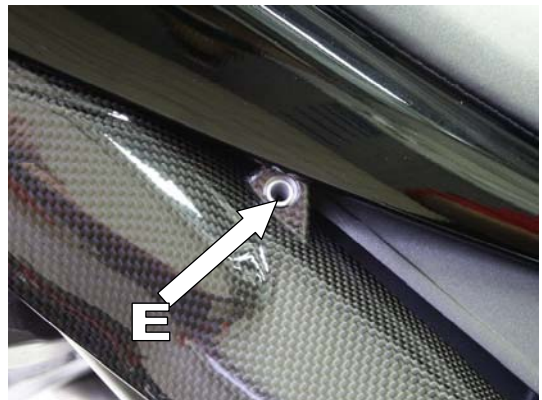


Figure 12

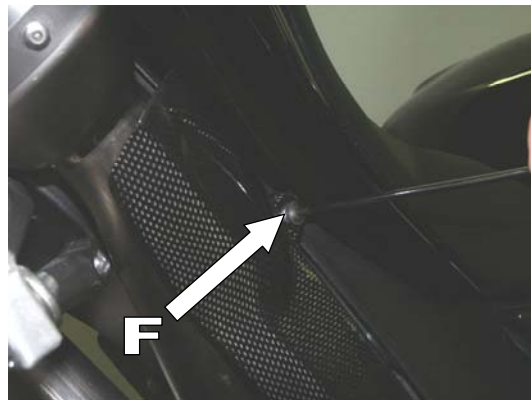


Figure 13

7. INSTALLATION OF THE AKRAPOVIC CARBON-FIBER FUEL TANK COVER AND SIDE PANELS:

1. Make sure that the engine and the heated parts of the bike are cold before carrying out the following instructions.
2. Position the motorcycle on a side stand (**we recommend a racing stand**). Make sure, that surface is solid and flat.
3. Unscrew the bolts from the drivers seat and remove the seat (**Figure 1**).
4. Unscrew the **bolts A** and remove the side fuel tank panels(left&right) (**Figure 2**).
5. Unscrew **bolts B** (**Figure 3, 4**), lift and secure the fuel tank (**mallet D**), unscrew **bolts C** and remove fuel cover **E** (**Figure 5, 6**).
6. Reposition **collars F** and **rubber mounts G** from stock cover to Akrapovic carbon fiber fuel tank cover (**Figure 7, 8**).
7. Attach Akrapovic carbon fiber fuel tank cover and fuel tank side panels with stock bolts and washers in the reverse order from the order in which they were removed. Tightening torque for **bolt A**: 3.6 ftlb (4.9 Nm). Tightening torque for **bolts B and C**: 5.1 ftlb (7 Nm).



Figure 1

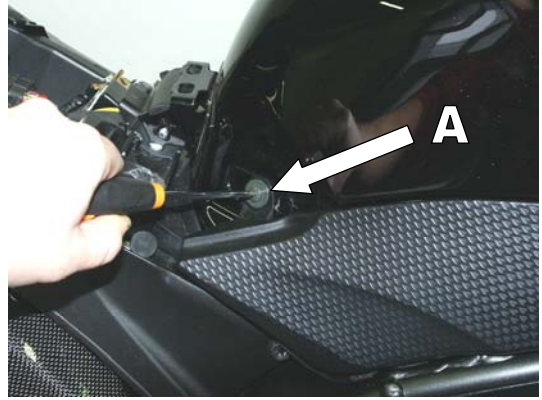


Figure 2

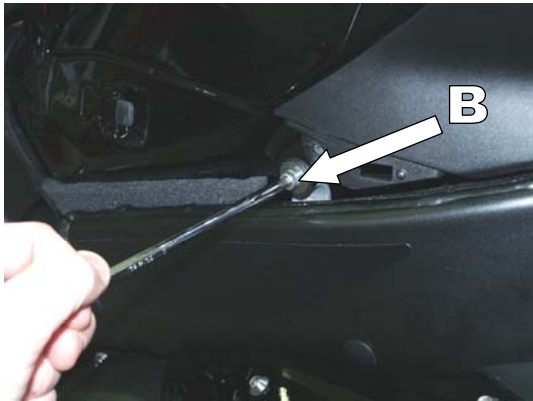


Figure 3

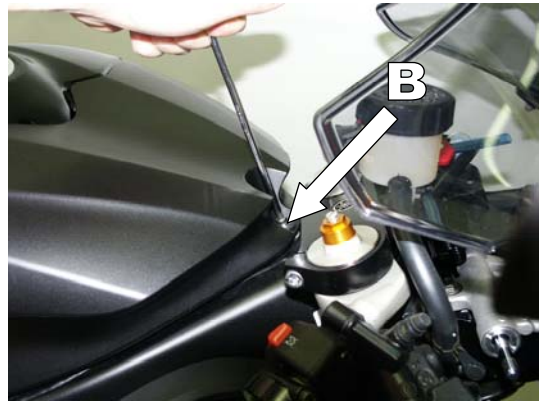


Figure 4



Figure 5



Figure 6

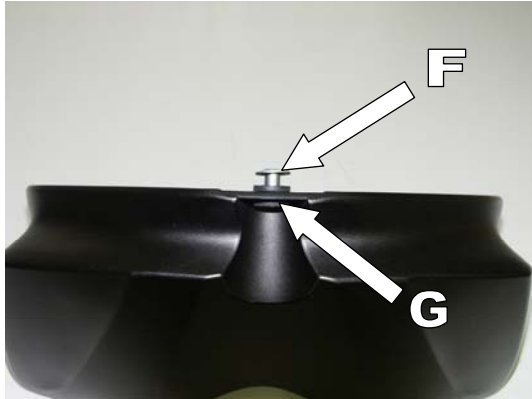


Figure 7

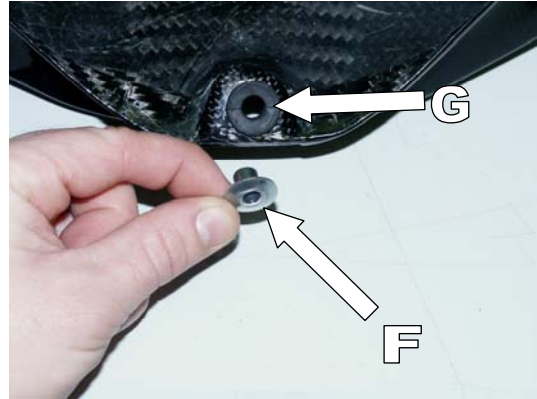


Figure 8

FINAL INSTALLATION

1. Re-check the positioning of the Akrapovic carbon-fiber parts.
2. Tighten nuts, bolts and mounting elements completely to the same torque tolerances as the stock hardware. Do not overtighten, since this can lead to damage to the nut/bolt or carbon-fiber part.
3. Schematic of the installed Akrapovic carbon-fiber parts (**Figure 9**).

MAINTENANCE OF THE AKRAPOVIC CARBON-FIBER PART

General:

- Periodically ensure that all nuts and bolts are sufficiently tight.
- Cleaning: use a soft dry cloth.

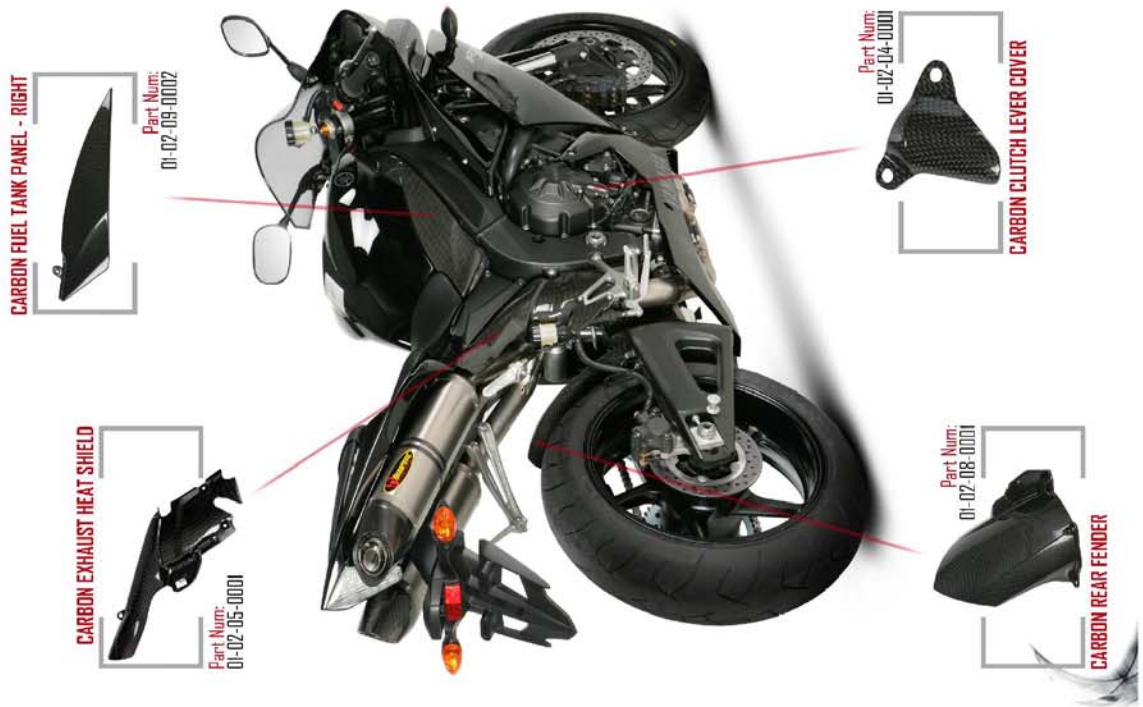


Figure 9