



FITTING INSTRUCTIONS FOR AB0015BK ADVENTURE BARS
BMW R NINE T 2014-



PICTURE A



PICTURE B

THIS KIT CONTAINS THE ITEMS PICTURED AND LABELLED BELOW.
DO NOT PROCEED UNTIL YOU ARE SURE ALL PARTS ARE PRESENT.

Please note that the way the kit is packed does not necessarily represent the way of mounting to the bike

THE PARTS SHOWN MAY BE REPRESENTATIVE ONLY (FOR CLARITY OF INSTRUCTIONS ONLY)

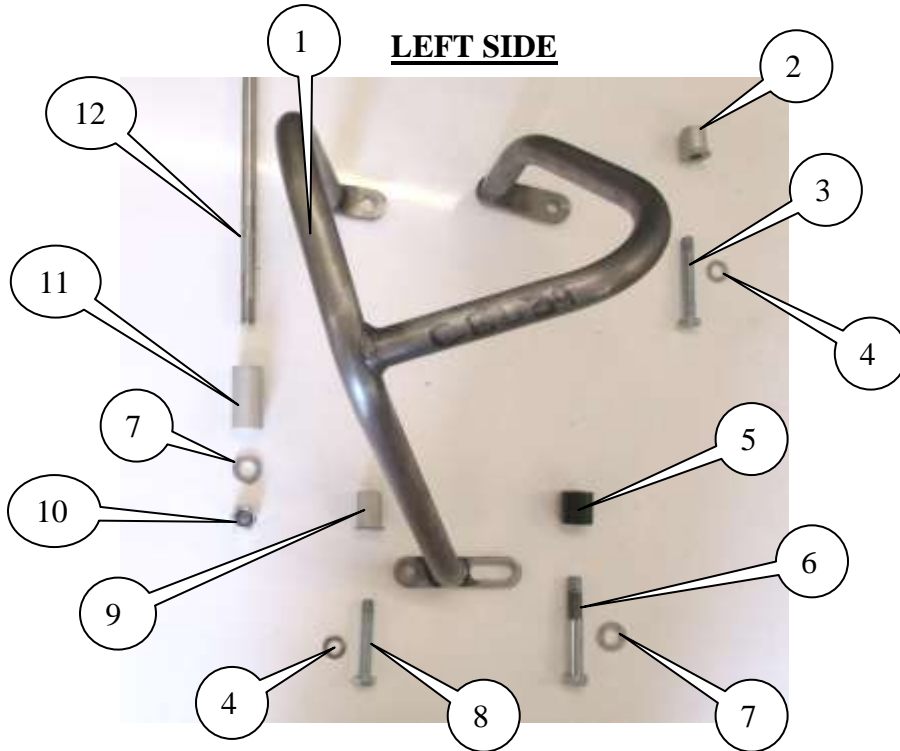
Digital copies of these instructions are available to download from www.rg-racing.com

GENERAL TORQUE SETTINGS

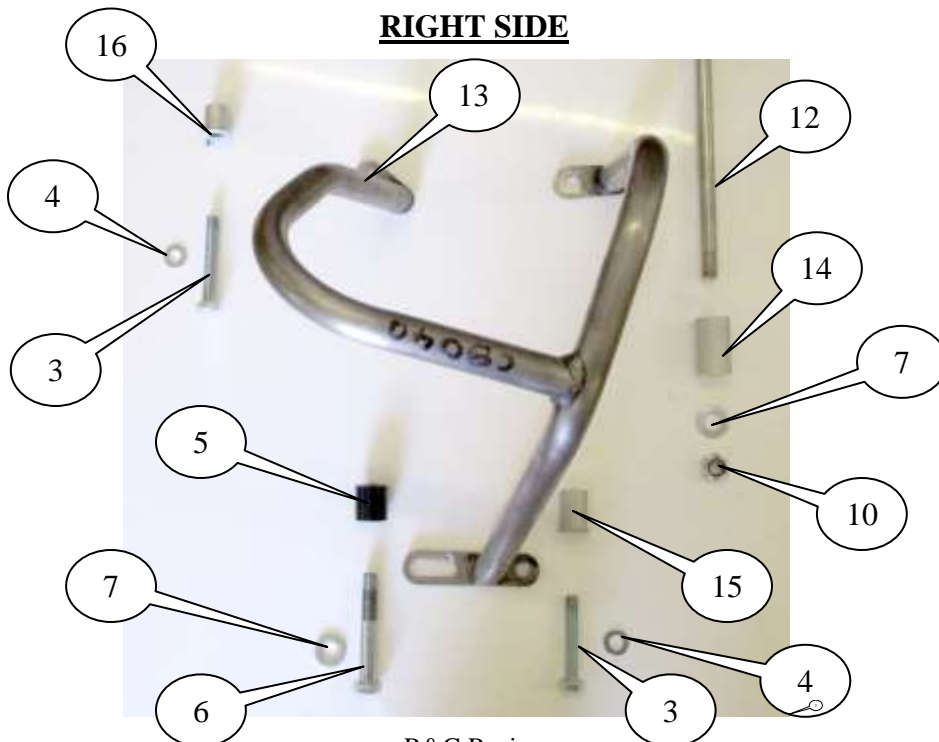
- M4 Bolt = 8 Nm
- M5 Bolt = 12 Nm
- M6 Bolt = 15 Nm
- M8 Bolt = 20 Nm
- M10 Bolt = 40 Nm
- M12 Bolt = 40 Nm
- M12 Nyloc Nut = 40 Nm



LEFT SIDE



RIGHT SIDE



R&G Racing

Unit 1, Shelley's Lane, East Worldham, Alton, Hampshire, GU34 3AQ

Tel: +44 (0)1420 89007 Fax: +44 (0)1420 87301 www.rg-racing.com Email: info@rg-racing.com



LEGEND

- ITEM 1 = ADVENTURE BAR LEFT-HAND SIDE (CB039) (x1).
- ITEM 2 = SPACER (S0773 – 27mm LONG) (x1).
- ITEM 3 = M10 x 1.5 x 70mm LONG HEX HEAD BOLTS (x3).
- ITEM 4 = M10 WASHERS (x4).
- ITEM 5 = SPACERS (S0776 – 25.50mm LONG) (x2).
- ITEM 6 = M12 x 1.75 x 80mm LONG HEX HEAD BOLTS (x2).
- ITEM 7 = M12 WASHERS (x4).
- ITEM 8 = M10 x 1.5 x 60mm LONG HEX HEAD BOLT (x1).
- ITEM 9 = SPACER (S0141 – 31mm LONG) (x1).
- ITEM 10 = M12 x 1.25 NYLOC NUTS (x2).
- ITEM 11 = SPACER (S0817 – 55mm LONG) (x1).
- ITEM 12 = M12 ENGINE BAR (EB078 – 345mm LONG) (x1).
- ITEM 13 = ADVENTURE BAR RIGHT-HAND SIDE (CB040) (x1).
- ITEM 14 = SPACER (S0046 – 49mm LONG) (x1).
- ITEM 15 = SPACER (S0775 – 42mm LONG) (x1).
- ITEM 16 = SPACER (S0774 – 24mm LONG) (x1).
- ITEM 17 = M10 RUBBER HEX BOLT HEAD CAP (x4). *NOT SHOWN*
- ITEM 18 = M12 RUBBER HEX BOLT HEAD CAP (x2). *NOT SHOWN*

TOOLS REQUIRED

- Socket set to include 17, 18mm & 19mm sockets and wrench, plus extension bars.
 - Torx socket set to include T50 & T55 sockets.
 - Soft Mallet
 - Torque wrench (up to 40Nm).
 - Superglue or silicon adhesive.



Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6



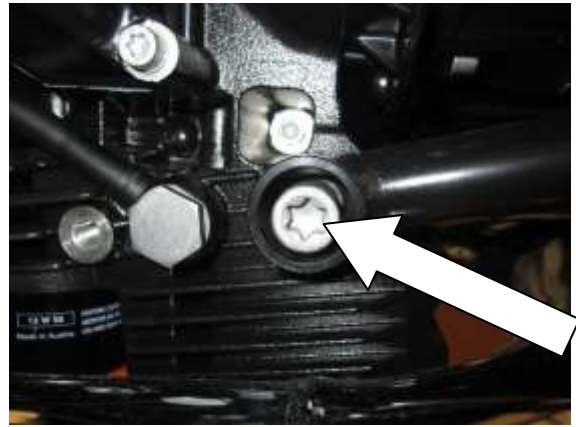
Picture 7



Picture 8



Picture 9



Picture 10



Picture 11



Picture 12



Picture 13



Picture 14



FITTING INSTRUCTIONS

- On the right side of the bike, remove the 18mm locknut on the end of the front engine mounting bolt, located in the frame boss above the right hand cylinder, as shown in picture 1.
- Take the engine bar supplied in the kit (item 12 – EB078 – 345mm long) and use this along with a soft mallet (to prevent any damage to the threaded end) to gently tap through the OEM engine bolt and remove it from the other side of the bike, as shown in picture 2.
- The engine bar should now be in the place of the original bolt. Ensure it is positioned centrally on the bike with equal amounts of bar protruding from the frame bosses on either side of the bike.
- Locate the spacer (item 14 – S0046 – 49mm long) over the exposed end of the engine bar on the right side of the bike so that this sits within the frame boss.
- Remove the two remaining Torx engine bolts as arrowed in pictures 3 & 4.
- In the upper frame boss, locate the shortest spacer (item 16 – S0774 – 24mm long) ensuring the larger diameter end is facing outwards.
- In the lower frame boss, locate one of the short, straight spacers (item 5 – S0776 – 25.5mm long).
- Take the right side adventure bar (item 13 – CB040) and locate one M12 x 1.75 x 80mm long head hex bolt (item 6) and M12 washer through the larger hole on the lower mounting plate and one M10 x 70mm long hex head bolt (item 3) and M10 washer through the hole on the rearward top mounting plate as shown in the right side picture.
- Offer this assembly up to the bike, taking care to fit it around the cylinder head, locating the bolts through their matching spacers and into the engine mounts. The front, top mounting plate should also locate over the previously fitted engine bar, as shown in picture 5.
- Tighten the two bolts a couple of turns to engage the thread and hold the engine bars in place whilst fitting one M12 washer and one M12 nyloc nut to the exposed thread of the engine bar, before tightening a couple of turns.
- On the remaining lower mount, position the spacer (item 15 – S0775 – 42mm long) between the mounting plate and engine boss, ensuring the larger diameter sits against the mounting plate, before fitting one M10 x 70mm long hex head bolt (item 3) and washer, as shown in picture 6.
- Check the fitment of the bars are correct and tighten all the bolts equally so that all the mounting plates sit against the spacers. On the engine bar with the M12 nut, tighten the nut onto the bar so that the nyloc is fully engaged.
- The three remaining bolts can be fully tightened to the recommended torque settings provided on the first page (do not fully tighten the M12 nyloc nut at this stage).
- On the left side of the bike, locate the long, straight spacer (item 11 – S0817 – 55mm long) over the exposed end of the engine bar so that it sits within the frame boss, as shown in picture 7.
- Remove the electrical connection and then the sensor from the air induction by removing the two Torx bolts, as arrowed in picture 8.
- This will now give access to the engine bolt. Remove this along with the lower engine bolt, as arrowed in pictures 9 & 10.
- In the upper frame boss, locate the spacer (item 2– S0773 – 27mm long) ensuring the larger diameter end is facing outwards.
- In the lower frame boss, locate the remaining short, straight spacer (item 5 – S0776 – 25.5mm long).
- Take the left side adventure bar (item 1 – CB039) and locate the remaining M12 x 1.75 x 80mm long head hex bolt (item 6) and M12 washer through the larger hole on the lower mounting plate

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and one M10 x 70mm long hex head bolt (item 3) and M10 washer through the hole on the rearward top mounting plate as shown in the left side picture.

- Offer this assembly up to the bike, taking care to fit it around the cylinder head, locating the bolts through their matching spacers and into the engine mounts. The front, top mounting plate should also locate over the previously fitted engine bar, as shown in picture 11.
- Tighten the two bolts a couple of turns to engage the thread and hold the engine bars in place whilst fitting one M12 washer and one M12 nyloc nut to the exposed thread of the engine bar, before tightening a couple of turns.
- On the remaining lower mount, position the spacer (item 9 – S0141 – 31mm long) between the mounting plate and engine boss, ensuring the larger diameter sits against the mounting plate, before fitting the M10 x 60mm long hex head bolt (item 8) and washer, as shown in picture 12.
- Check the fitment of the bars are correct and tighten all the bolts equally so that all the mounting plates sit against the spacers. On the engine bar with the M12 nut, tighten the nut onto the bar so that the nyloc is fully engaged.
- The three remaining bolts can be fully tightened to the recommended torque settings provided on the first page along with the M12 nyloc nuts on both sides of the bike, ensuring the nyloc is fully engaged on both ends of the bar.
- Re-fit the sensor and electrical connection and tighten the bolts, as shown in picture 13.
- Fit the rubber caps supplied in the kit onto the hex headed bolts. *It is advised to apply a small amount of superglue or silicon adhesive before fitting these to ensure they don't come off.*

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INSTRUCTIONS DE MONTAGE POUR AB0015BK BARRES AVENTURE
BMW R NINE T 2014-



PHOTO A



PHOTO B

LE KIT CONTIENT LES ARTICLES EXPOSES CI-DESSOUS, VERIFIER QUE TOUTES LES PIECES SOIENT PRESENTES AVANT DE PROCEDER AU MONTAGE.

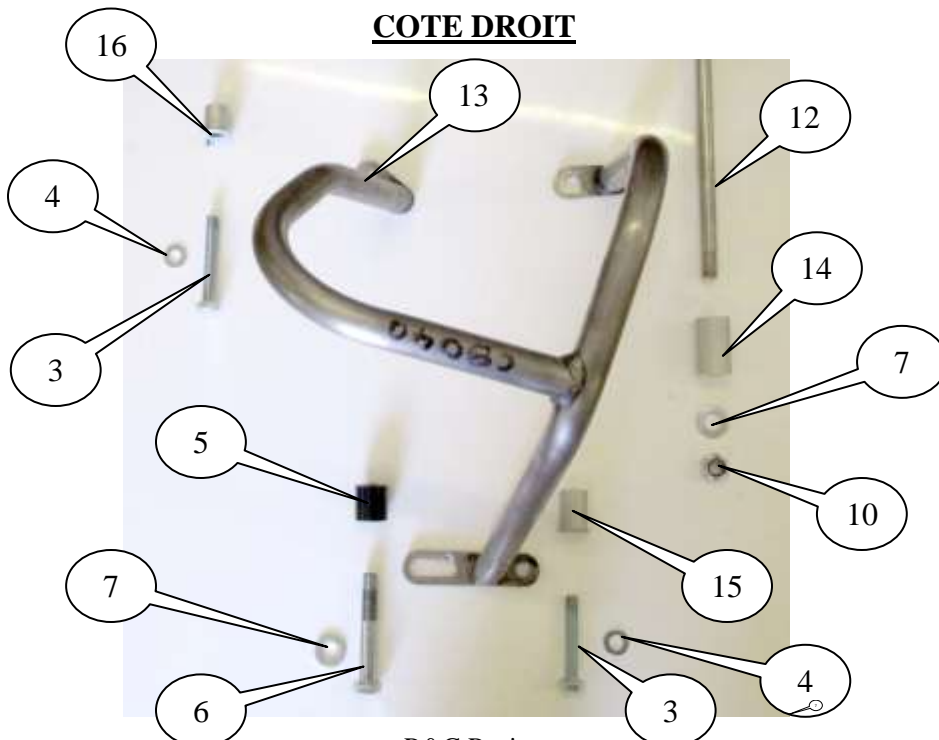
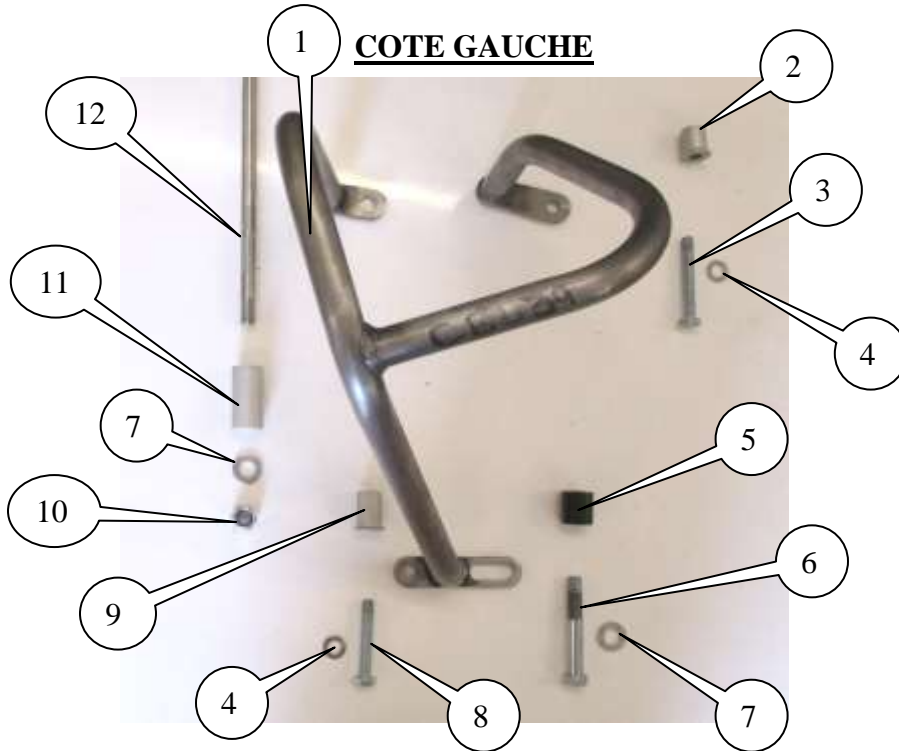
Ces instructions de montage sont disponibles sur www.rg-racing.com

LA FAÇON DONT LE KIT EST EMBALLÉ NE CORRESPOND PAS FORCÉMENT À LA FAÇON DE MONTER LES PIÈCES SUR LA MOTO.

LES PARTIES PRESENTEES PEUVENT ETRE UNIQUEMENT REPRESENTATIVES (POUR LA CLARTE DES INSTRUCTIONS UNIQUEMENT)

COUPLES DE SERRAGE GENERAUX

M4 BOULON = 8Nm
M5 BOULON = 12Nm
M6 BOULON = 15Nm
M8 BOULON = 20Nm
M10 BOULON = 40Nm
M12 BOULON = 40 Nm
M12 ECROU = 40 Nm





LEGENDE

- ARTICLE 1 = BARRE AVENTURE COTE GAUCHE (CB039) (x1).
ARTICLE 2 = ENTRETOISE (S0773 – 27mm DE LONG) (x1).
ARTICLE 3 = M10 x 1.5 x 70mm BOULONS (x3).
ARTICLE 4 = M10 RONDELLES (x4).
ARTICLE 5 = SPACERS (S0776 – 25.50mm DE LONG) (x2).
ARTICLE 6 = M12 x 1.75 x 80mm BOULONS(x2).
ARTICLE 7 = M12 RONDELLES (x4).
ARTICLE 8 = M10 x 1.5 x 60mm BOULON (x1).
ARTICLE 9 = ENTRETOISE (S0141 – 31mm DE LONG) (x1).
ARTICLE 10 = M12 x 1.25 ECROUS (x2).
ARTICLE 11 = ENTRETOISE (S0817 – 55mm DE LONG) (x1).
ARTICLE 12 = M12 AXE MOTEUR (EB078 – 345mm DE LONG) (x1).
ARTICLE 13 = AVENTURE BARRE COTE DROIT (CB040) (x1).
ARTICLE 14 = ENTRETOISE (S0046 – 49mm DE LONG) (x1).
ARTICLE 15 = ENTRETOISE (S0775 – 42mm DE LONG) (x1).
ARTICLE 16 = ENTRETOISE (S0774 – 24mm DE LONG) (x1).
ARTICLE 17 = M10 CAPUCHON BOULON EN CAOUTCHOUC (x4). *NON INDIQUE*
ARTICLE 18 = M12 CAPUCHON BOULON EN CAOUTCHOUC (x2). *NON INDIQUE*

OUTILS REQUIS

- Clés 17, 18mm & 19mm, et extensions.
 - Jeu de clés Torx T50 & T55.
 - Petit maillet
 - Clé dynamométrique (à 40Nm).
 - Superglue ou adhésif silicone



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8



Photo 9

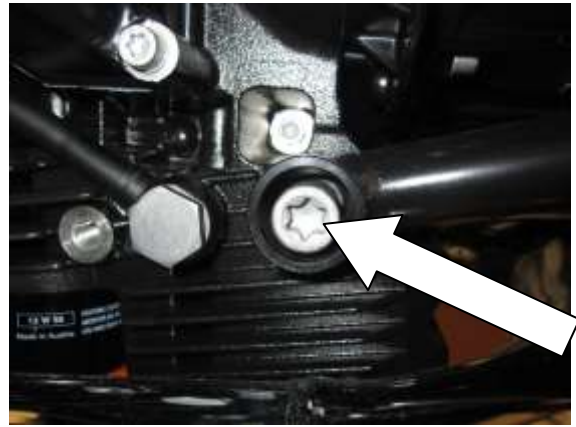


Photo 10



Photo 11



Photo 12



Photo 13



Photo 14



INSTRUCTIONS DE MONTAGE:

- Du coté droit de la moto, enlever l'écrou de blocage de 18mm sur l'extrémité du boulon de fixation moteur avant, placé dans le trou de cadre au dessus du cylindre coté droit, voir photo 1.
- Prendre l'axe moteur fourni dans le kit (article 12 – EB078 – 345mm de long) et utiliser le avec un petit maillet (pour empêcher tout dommage sur l'extrémité filetée) pour tapoter le boulon moteur d'origine puis enlevez le de l'autre coté de la moto, voir photo 2.
- L'axe moteur doit maintenant être à la place du boulon d'origine. Veiller à ce qu'il soit positionné au centre sur la moto et que les longueurs dépassantes de chaque coté soient identiques.
- Placer l'entretoise (article 14 – S0046 – 49mm de long) sur l'extrémité de l'axe moteur du coté droit de la moto pour qu'elle se place dans le trou de cadre.
- Enlever les 2 boulons Torx restants, voir photos 3 & 4.
- Dans le trou de cadre supérieur, placer l'entretoise la plus courte (article 16 – S0774 – 24mm de long) en veillant à ce que l'extrémité au diamètre le plus large soit vers l'extérieur.
- Dans le trou de cadre inférieur, placer une des entretoises courtes (article 5 – S0776 – 25.5mm de long).
- Prendre la Barre Aventure coté droit (article 13 – CB040) et placer un boulon M12 x 1.75 x 80mm (article 6) et la rondelle M12 à travers le trou le plus large sur la plaque de fixation inférieure et un boulon M10 x 70mm (article 3) et une rondelle M10 à travers le trou sur la plaque supérieure arrière de fixation, comme indiqué sur la photo coté droit.
- Monter l'ensemble sur la moto, en faisant attention à ce qu'elle se place autour de la tête de cylindre, en plaçant les boulons à travers leurs entretoises et dans les supports moteur. La plaque de fixation avant doit également se placer autour de l'axe moteur précédemment installé, voir photo 5.
- Serrer les 2 boulons à 2 tours pour engager le filetage et fixer les axes moteur en place en plaçant une rondelle M12 et un écrou sur le filetage exposé de l'axe moteur, avant de serrer à 2 tours.
- Sur le support inférieur restant, positionner l'entretoise (article 15 – S0775 – 42mm de long) entre la plaque de fixation et le patron moteur, en veillant à ce que le diamètre le plus large se place contre la plaque de fixation, avant de placer un boulon M10 x 70mm (article 3) et une rondelle, voir photo 6.
- Vérifier l'installation des axes, puis serrer tous les boulons de façon identique pour que toutes les plaques de fixation se placent contre les entretoises. Serrer un écrou M12 sur l'axe moteur.

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- Les 3 boulons restants peuvent être complètement serrés aux couples de serrage recommandés indiqués sur la 1ère page (Ne pas serrer complètement l'écrou M12 pour le moment).
- Placer la longue entretoise du coté gauche de la moto (article 11 – S0817 – 55mm de long) sur l'extrémité de l'axe moteur pour qu'elle puisse se placer dans la trou de cadre, voir photo 7.
- Enlever la connexion puis le capteur de l'induction d'air en enlevant les 2 boulons Torx, voir photo 8.
- Cela doit permettre d'accéder au boulon moteur. Enlever le avec le boulon moteur inférieur, voir photos 9 & 10.
- Dans le patron de cadre supérieur, placer une entretoise (article 2– S0773 – 27mm de long) en veillant à ce que l'extrémité au diamètre le plus large soit tournée vers l'extérieur.
- Dans le trou de cadre inférieur, placer l'entretoise courte restante (article 5 – S0776 – 25.5mm de long).
- Prendre la Barre Aventure coté gauche (article 1 – CB039) et placer le boulon M12 x 1.75 x 80mm restant (article 6) et la rondelle M12 à travers le trou le plus large dans la plaque de fixation inférieure et un boulon M10 x 70mm (article 3) et une rondelle M10 dans le trou à l'arrière de la plaque de fixation supérieure, comme sur la photo coté gauche.
- Monter l'ensemble sur la moto, en faisant attention à ce qu'il se place correctement autour de la tête de cylindre, en plaçant les boulons à travers leur entretoise et dans les supports moteur. La plaque de fixation supérieure avant doit également se placer autour de l'axe moteur monté précédemment, voir photo 11.
- Serrer les 2 boulons à deux tours pour fixer les axes moteur en place tout en plaçant une rondelle M12 et un écrou M12 sur l'extrémité de l'axe moteur, avant de serrer à deux tours.
- Sur le support inférieur restant, positionner une entretoise (article 9 – S0141 – 31mm de long) entre la plaque de fixation et le patron moteur, en veillant à ce que le diamètre le plus large se place contre la plaque de fixation, avant d'insérer un boulon M10 x 60mm (article 8) et une rondelle, voir photo 12.
- Vérifier l'installation des axes puis serrer tous les boulons de façon identique pour que les plaques de fixation se placent contre les entretoises. Serrer l'écrou M12 sur l'axe moteur.
- Les 3 boulons restants peuvent être complètement serrés aux couples de serrage recommandés, indiqués sur la 1ère page, avec les écrous M12 des 2 cotés de la moto, en veillant à ce que le nylon soit bien engagé aux 2 extrémités de l'axe.
- Remettre le capteur et la connexion puis serrer les boulons, voir photo 13.



- Mettre les capuchons de caoutchouc fournis dans le kit sur les boulons. Il est conseillé d'appliquer un peu de superglue ou de l'adhésif silicone avant de les placer et vérifier qu'ils ne tombent pas.

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