



FITTING INSTRUCTIONS CP0580 AERO CRASH PROTECTORS



THIS KIT CONTAINS THE ITEMS PICTURED AND LABELLED OVER PAGE.

SOME PARTS MAY BE SHOWN FOR CLARITY OF INSTRUCTIONS ONLY.

DO NOT PROCEED UNTIL YOU ARE SURE ALL PARTS ARE PRESENT.

PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING.

**IF IN ANY DOUBT WHEN FITTING OUR PRODUCTS, CONSULT ONE OF OUR DEALERS
OR HAVE FITTED BY A QUALIFIED TECHNICIAN.**

PLEASE NOTE THAT THE WAY THE KIT IS PACKED DOES NOT NECESSARILY REPRESENT THE WAY OF
MOUNTING TO THE BIKE.

IN THE EVENT OF RUBBER WASHERS BEING USED TO HOLD COMPONENTS ONTO BOLTS,
THESE RUBBER WASHERS CAN BE THROWN AWAY.

DIGITAL COPIES OF THESE INSTRUCTIONS ARE AVAILABLE FROM:

WWW.RG-RACING.COM

Racing Technique Ltd T/A R&G
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



<u>TOOLS REQUIRED</u>	<u>GENERAL TORQUE SETTINGS</u>
• 3/8" or 1/2" HEX KEY BIT SET • 17mm A/F SOCKET & WRENCH • TORQUE WRENCH (UP TO 50Nm) • SUITABLE SUPPORT JACK	M4 BOLT = 8Nm M5 BOLT = 12Nm M6 BOLT = 15Nm M8 BOLT = 20Nm M10 BOLT = 40Nm M12 BOLT = 40Nm

LEGEND

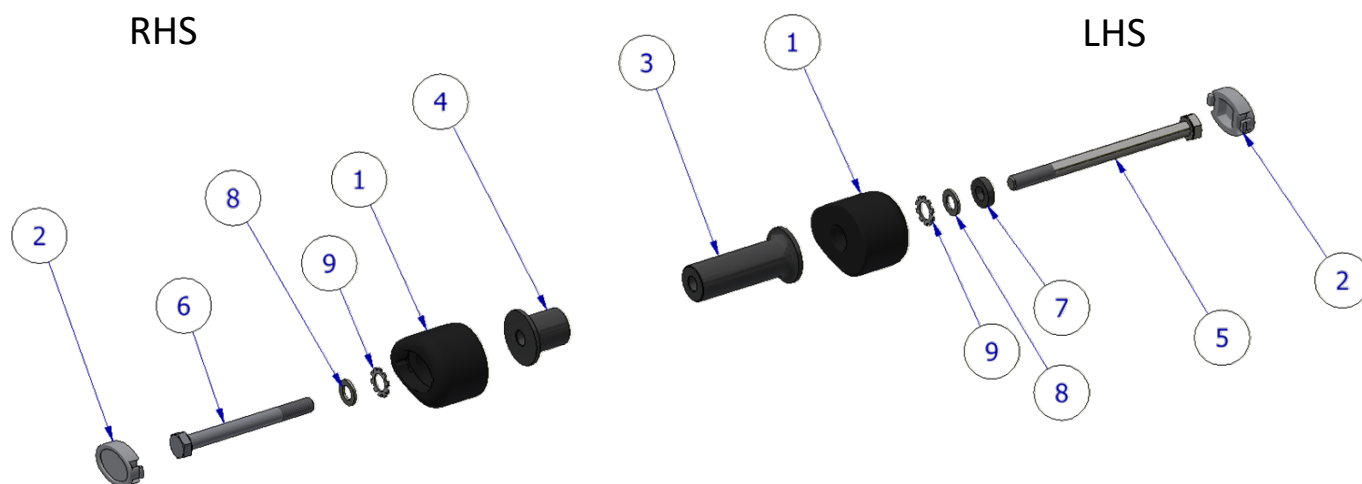
ITEM NO.	DESCRIPTION	QTY
ITEM 1	BOBBINS (BO472 + CS449)	2
ITEM 2	BOBBIN CAPS (BC0002)	2
ITEM 3	SPACER 68mm LONG (LHS) S1542	1
ITEM 4	SPACER 52mm LONG (RHS) S1543	1
ITEM 5	M10 x 1.5 x 140mm HEX HEAD BOLT (LHS)	1
ITEM 6	M10 x 1.5 x 120mm HEX HEAD BOLT (RHS)	1
ITEM 7	5mm SPACER (S0293)	1
ITEM 8	M10x20mm WASHER	2
ITEM 9	SHAKE PROOF WASHERS (LW0001)	2

AERO-STYLE CRASH PROTECTOR ORIENTATION





LHS & RHS EXPLODED ASSEMBLY VIEW



FITTING PICTURES



Picture 1



Picture 2

FITTING INSTRUCTIONS

Before removing engine bolts, ensure the bike is upright and supported by a suitable engine stand or jack placed under the sump of the motorbike to support the partial weight of the engine, this will prevent the engine from moving during fitting. **DO NOT REMOVE MORE THAN 1 ENGINE BOLT AT ANY TIME.**

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PREPARATION:

- Place a suitable jack beneath the engine in a central position using a piece of wood between the jack and engine.
- Apply very light pressure to the underside of the engine to support the engine during the fitment process.

Assemble the crash protectors before removing the engine bolts to limit the amount of time the engine is partially un-supported.

- Following the assembly diagram place one of the M10 washers (**ITEM 8**) over the bolts (**ITEMS 5 & 6**) followed by the shake proof washer (**ITEM 9**), the LHS bolt (**ITEM 5**) will also need the 5mm spacer (**ITEM 7**) as shown above.
- Insert the 140mm bolt (**ITEM 5**) with washers into the bobbin (**ITEM 1**) followed by the 68mm long spacer (**ITEM 3**).
- Then insert the 120mm bolt (**ITEM 6**) with washers into the bobbin (**ITEM 1**) followed by the 52mm long spacer (**ITEM 4**).

INSTALLATION:

- Use a ½" or 3/8" hex key bit & wrench to remove the RHS engine bolt (**Picture 1**).
- Leaving the OEM spacers in place, push the RHS bolt/assembly you prepared earlier into the engine mount hole and thread by hand to avoid cross threading.

NOTE: To avoid cross threading apply forward pressure to the bolt and rotate counter-clockwise until a click is heard then begin to turn clockwise & tighten.

- Rotate the bobbin a few degrees counter-clockwise and hold in place while tightening to stop the bobbin rotating too far while tightening.
- Using a torque wrench with 17mm socket fitted, tighten the bolt to 45 Nm.
- Repeat the process for the other side referring to **Picture 2**.
- Once completed, double check torque settings & the position/orientation of the bobbins then push the bobbin caps (**ITEM 2**) into place and remove the jack.

Please note: *Torque of the engine/bobbin bolts should be checked at regular intervals when doing routine maintenance/servicing.*

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NOTICE DE MONTAGE CP0580 PROTECTIONS CRASH



CE KIT CONTIENT LES ARTICLES ILLUSTRÉS ET ÉTIQUETES SUR LA PAGE.

CERTAINES PARTIES PEUVENT ÊTRE PRÉSENTES UNIQUEMENT POUR LA CLARTÉ DES INSTRUCTIONS.

NE PAS PROCÉDER AU MONTAGE TANT QUE VOUS N'ÊTES PAS SÛR QUE TOUTES LES PIÈCES SOIENT PRÉSENTES.

VEUILLEZ LIRE TOUTES LES INSTRUCTIONS AVANT DE CONTINUER.

EN CAS DE DOUTE LORS DU MONTAGE DE NOS PRODUITS, CONSULTEZ UN DE NOS REVENDEURS OU FAITES APPEL À UN TECHNICIEN QUALIFIÉ.

VEUILLEZ NOTER QUE LA FAÇON DONT LE KIT EST EMBALLÉ NE REPRÉSENTE PAS NECESSAIREMENT LA MANIÈRE DE LE MONTER SUR LA MOTO.

SI DES RONDELLES EN CAOUTCHOUC SONT UTILISÉES POUR MAINTENIR LES COMPOSANTS SUR LES BOULONS, ELLES PEUVENT ÊTRE JETÉES.

NOTICE DISPONIBLE AU TÉLÉCHARGEMENT SUR :

WWW.RG-RACING.COM



<u>OUTILS REQUIS</u>	<u>VALEURS DE SERRAGE</u>
• JEU D'EMBOUTS POUR CLÉS HEXAGONALES 3/8" ou 1/2" • DOUILLE ET CLÉ 17 mm • CLÉ DYNAMOMÉTRIQUES (JUSQU'À 50 Nm) • CRIC DE SUPPORT ADAPTÉ	M4 BOULON = 8Nm M5 BOULON = 12Nm M6 BOULON = 15Nm M8 BOULON = 20Nm M10 BOULON = 40Nm M12 BOULON = 40Nm

LÉGENDE

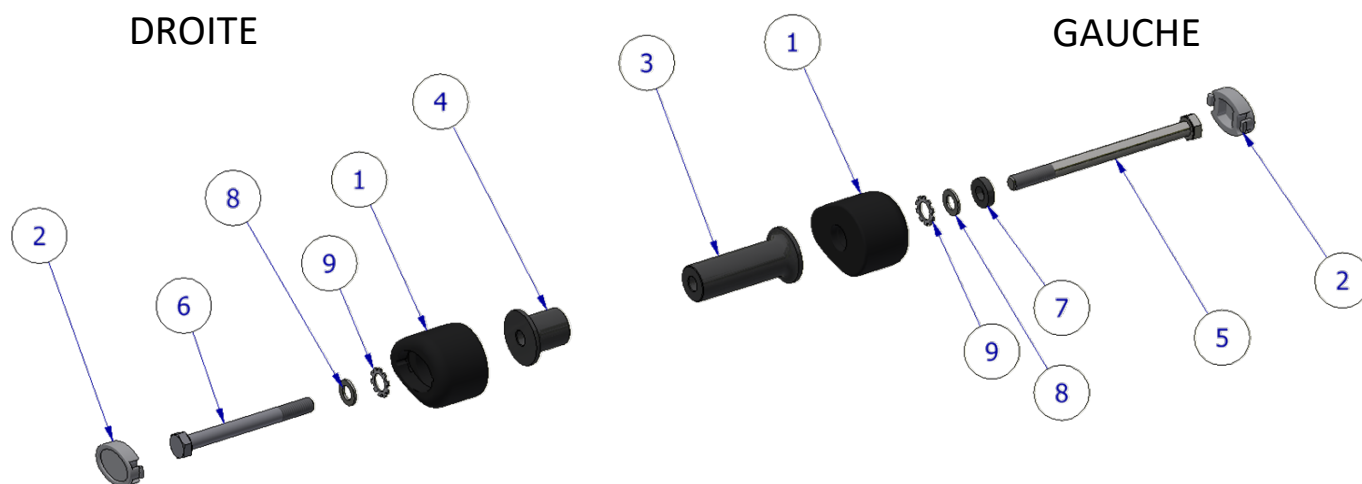
ARTICLE NO.	DESCRIPTION	QTÉ
ARTICLE 1	PROTECTION CRASH (BO472 + CS449)	2
ARTICLE 2	CAPUCHON DE PROTECTION (BC0002)	2
ARTICLE 3	ENTRETOISE 68mm Côté gauche S1542	1
ARTICLE 4	ENTRETOISE 52mm Côté droit S1543	1
ARTICLE 5	M10 x 1.5 x 140mm BOULON (gauche)	1
ARTICLE 6	M10 x 1.5 x 120mm BOULON (droite)	1
ARTICLE 7	5mm ENTRETOISE (S0293)	1
ARTICLE 8	M10x20mm RONDELLE	2
ARTICLE 9	RONDELLES ANTI VIBRATION (LW0001)	2

ORIENTATION DE LA PROTECTION CRASH





VUE D'ENSEMBLE CÔTÉ GAUCHE ET DROIT



PHOTOS DE MONTAGE



Photo 1



Photo 2

NOTICE DE MONTAGE

Avant de retirer les boulons du moteur, assurez-vous que la moto soit bien droite et soutenue par une béquille ou un cric adapté, placé sous le carter d'huile pour supporter une partie du poids du moteur. Cela empêchera le moteur de bouger pendant le montage. **NE DÉPOSEZ JAMAIS PLUS D'UN BOULON DU MOTEUR À LA FOIS.**

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**PRÉPARATION:**

- Placez un cric adapté sous le moteur, en position centrale, en intercalant une pièce de bois entre le cric et le moteur.
- Appliquez une légère pression sous le moteur pour le soutenir pendant le montage.

Assemblez les protections crash avant de retirer les boulons du moteur pour limiter la durée pendant laquelle le moteur est partiellement sans support.

- En suivant le schéma de montage, placez une rondelle M10 (ARTICLE 8) sur les boulons (ARTICLES 5 et 6), puis la rondelle anti-vibration (ARTICLE 9). Le boulon gauche (ARTICLE 5) nécessite également l'entretoise de 5 mm (ARTICLE 7), comme indiqué ci-dessus.
- Insérez le boulon de 140 mm (ARTICLE 5) avec ses rondelles dans la protection (ARTICLE 1), puis l'entretoise de 68 mm (ARTICLE 3).
- Insérez ensuite le boulon de 120 mm (ARTICLE 6) avec ses rondelles dans la protection (ARTICLE 1), puis l'entretoise de 52 mm (ARTICLE 4.).

INSTALLATION:

- Utilisez une clé Allen de 1/2" ou 3/8" et une clé Allen pour retirer le boulon moteur droit (photo 1).
- En laissant les entretoises d'origine en place, insérez le boulon/l'assemblage droit préparé précédemment dans le trou du support moteur et vissez-le à la main pour éviter de fausser le filetage.
- REMARQUE : Pour éviter de fausser le filetage, appliquez une pression sur le boulon et tournez-le dans le sens inverse des aiguilles d'une montre jusqu'à entendre un clic. Commencez ensuite à tourner dans le sens des aiguilles d'une montre et serrez.
- Pivotez la bobine de quelques degrés dans le sens inverse des aiguilles d'une montre et maintenez-la en place pendant le serrage pour éviter toute rotation excessive.
- À l'aide d'une clé dynamométrique avec douille de 17 mm, serrez le boulon à 45 Nm.
- Répétez l'opération de l'autre côté en vous référant à la photo 2.
- Une fois terminé, vérifiez le couple de serrage et la position/orientation des protections, puis insérez les capuchons de protection (ARTICLE 2) et retirez le cric..

Note : *Le couple de serrage des boulons du moteur/de la protection doit être vérifié à intervalles réguliers lors de l'entretien/réparation de routine.*

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