



**FITTING INSTRUCTIONS FOR CP0362 AERO CRASH PROTECTORS**  
**BMW S1000 RR ALL YEARS RACE ONLY**



PICTURE 'A'

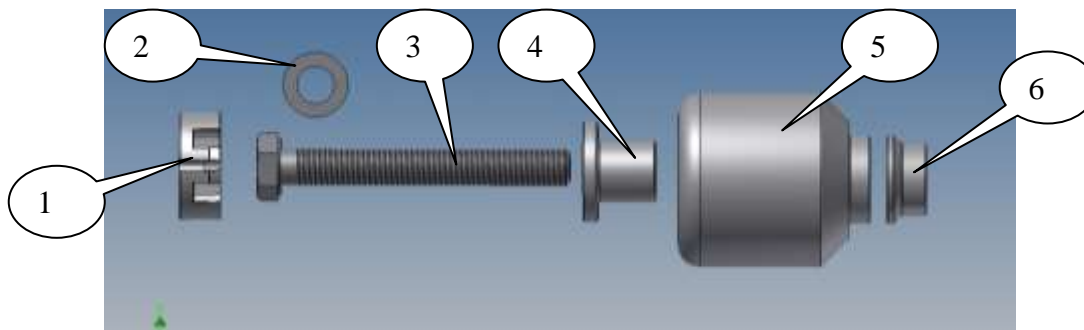


PICTURE 'B'

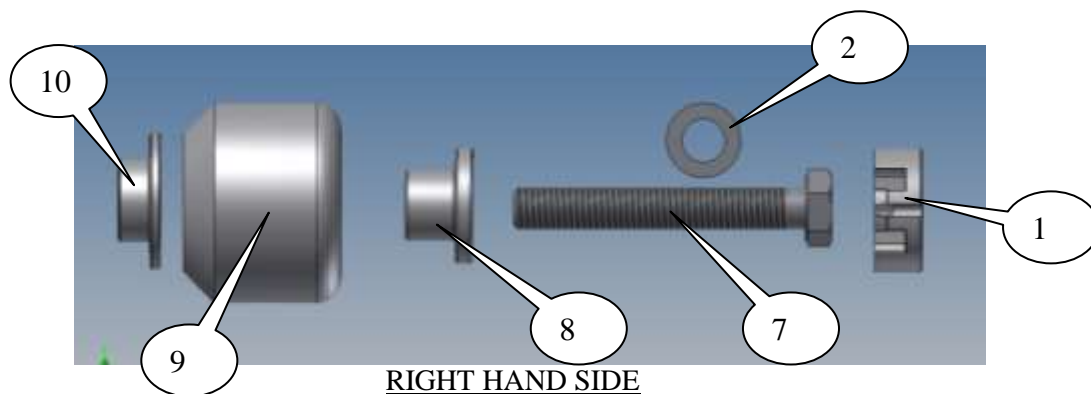
**THIS KIT CONTAINS THE ITEMS PICTURED AND LABELLED BELOW.**  
**DO NOT PROCEED UNTIL YOU ARE SURE ALL PARTS ARE PRESENT.**

Please note that the way the kit is packed does not necessarily represent the way of mounting to the bike  
 Please note that in cases where kits are packed with rubber washers holding the components onto the bolt – the rubber washers should be thrown away!

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



LEFT HAND SIDE



RIGHT HAND SIDE



### **TOOLS REQUIRED**

- Socket set to include 17mm A/F socket and wrench.
  - T50 socket bit.
  - Drill.
  - Dremel type tool.
- Torque wrench (up to 40Nm).
- Suitable marker pen.

### **LEGEND**

ITEM 1 = CRASH PROTECTOR CAPS, R&LHS (BC JV1000) (x2).

ITEM 2 = M10 PLAIN WASHERS, R&LHS (x2).

ITEM 3 = CRASH PROTECTOR BOLT LHS, M10x1.5x80 LONG HEX HEAD BOLT (x1).

ITEM 4 = CRASH PROTECTOR COMPRESSION SPACER, LHS (CS0467=20mm LONG) (x1).

ITEM 5 = CRASH PROTECTOR, LHS (B0491 with CS0467) (10mm) (x1).

ITEM 6 = CRASH PROTECTOR SPACER, LHS (S0815=11mm LONG) (x1).

ITEM 7 = CRASH PROTECTOR BOLT RHS, M10x1.5x75 LONG HEX HEAD BOLT (x1).

ITEM 8 = CRASH PROTECTOR COMPRESSION SPACER, RHS (CS0468=16mm LONG) (x1).

ITEM 9 = CRASH PROTECTOR, RHS (B0492 with CS0469) (10mm) (x1).

ITEM 10 = CRASH PROTECTOR SPACER, RHS (S0816=10mm LONG) (x1).



PICTURE 1



PICTURE 2



PICTURE 3



PICTURE 4

### **R&G Racing**

Unit 1 Shelleys Lane, East Worldham, Alton, Hants GU34 3AQ

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



PICTURE 5



PICTURE 6



PICTURE 7



PICTURE 8

## FITTING INSTRUCTIONS

### *Near side (left side as you sit on bike)*

- Remove the engine mounting bolt arrowed in picture 1.
- Slide one of the 10mm washers (item 2) onto the longer M10 hex head bolts (item 3 - 80mm long) so the plain washer sits against head of the bolt.
- Place the bolt with washer through the longer compression spacer (item 4), then through the longer crash protector (item 5), then through the longer (but smaller in size) crash protector spacer (item 6=11mm long), as shown in picture 2.
- With the thread of the bolt protruding from the spacer, offer the assembly into the threaded frame/engine mount, before loosely tightening as shown in picture 3.
- Finally tighten the crash protector bolts until you feel some compression from inside the protector using 17mm socket and wrench. **PLEASE NOTE THE CRASH PROTECTOR MUST BE POSITIONED WITH THE SMALL HOLES HORIZONTAL.** Turn a little more so that you feel the compression increase slightly. Do not over tighten as damage can occur to the bike. Do not exceed 40 N/m of torque.
- If not already fitted fit the sticker onto crash protector cap.
- Fit crash protector cap (item 1) into crash protector as shown in picture 4.

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### **Off side (right side as you sit on bike)**

- Dremmel or drill a hole in the fairing to allow access to the engine mounting bolt arrowed in picture 5.
- Remove the engine mounting bolt arrowed in picture 5 (do not remove the tapered spacer).
- Place the remaining compression spacer (item 8) into the shorter remaining crash protector (item 9) and place the remaining bolt (item 7) through the crash protector.
- Offer this assembly into position and using the crash protector as a guide use a suitable marker to draw around the protector.
- Remove the assembly and dremmel the fairing so there is no distortion when the crash protector is fitted.
- Slide the remaining 10mm washer (item 2) onto the shorter M10 hex head bolts (item 7 - 75mm long) so the plain washer sits against head of the bolt.
- Place the bolt with washer through the shorter compression spacer (item 8), then through the shorter crash protector (item 9), then through the shorter (but larger in size) crash protector spacer (item 10=10mm long), as shown in picture 6.
- With the thread of the bolt protruding from the spacer, offer the assembly into the threaded frame/engine mount, before loosely tightening as shown in picture 7.
- Finally tighten the crash protector bolts until you feel some compression from inside the protector using 17mm socket and wrench. **PLEASE NOTE THE CRASH PROTECTOR MUST BE POSITIONED WITH THE SMALL HOLES HORIZONTAL.** Turn a little more so that you feel the compression increase slightly. Do not over tighten as damage can occur to the bike. Do not exceed 40 N/m of torque.
- If not already fitted fit the sticker onto crash protector cap.
- Fit crash protector cap (item 1) into crash protector as shown picture 8.

**Digital copies of these instructions are available to download from [www.rg-racing.com](http://www.rg-racing.com)**

### **GENERAL TORQUE SETTINGS**

M4 BOLT = 8Nm  
 M5 BOLT = 12Nm  
 M6 BOLT = 15Nm  
 M8 BOLT = 20Nm  
 M10 BOLT = 40Nm

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**INSTRUCTIONS DE MONTAGE POUR CP0362 AERO PROTECTIONS CRASH**  
**BMW S1000 RR ALL YEARS RACE ONLY**



PHOTO 'A'

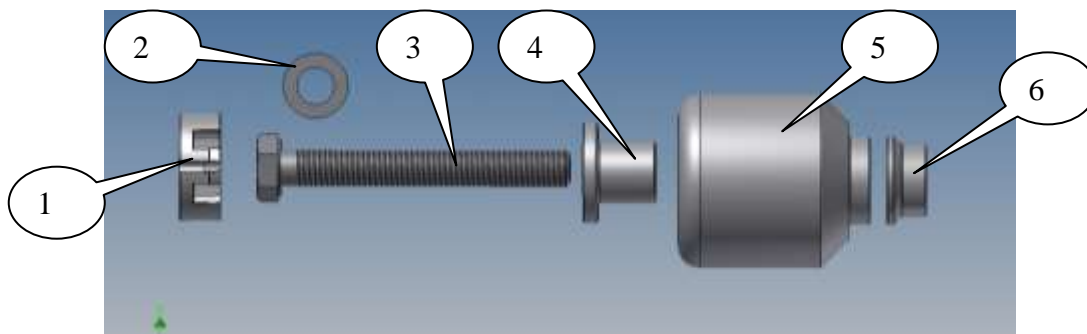


PHOTO 'B'

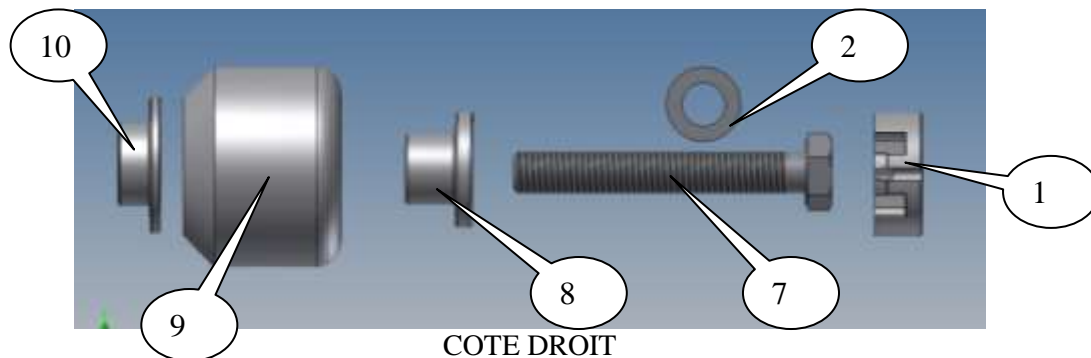
**LE KIT CONTIENT LES ARTICLES EXPOSES CI-DESSOUS, VERIFIER QUE TOUTES LES PIECES SOIENT PRESENTES AVANT DE PROCEDER AU MONTAGE.**

LA FAÇON DONT LE KIT EST EMBALLE NE CORRESPOND PAS FORCEMENT A LA FAÇON DE MONTER LES PIECES SUR LA MOTO.

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



COTE GAUCHE



COTE DROIT



### OUTILS REQUIS

- Jeu de clés 17mm.
  - Clé T50.
  - Perceuse.
  - Outil type Dremel.
- Clé dynamométrique (à 40Nm).
  - Stylo marqueur.

### LEGENDE

ARTICLE 1 = CAPUCHONS DE PROTECTION CRASH COTE GAUCHE ET DROIT (BC JV1000) (x2).

ARTICLE 2 = M10 RONDELLES GAUCHE ET DROITE (x2).

ARTICLE 3 = BOULON DE PROTECTION CRASH GAUCHE, M10x1.5x80 BOULON (x1).

ARTICLE 4 = ENTRETOISE DE COMPRESSION DE PROTECTION CRASH GAUCHE (CS0467=20mm DE LONG) (x1).

ARTICLE 5 = PROTECTION CRASH GAUCHE (B0491 avec CS0467) (10mm) (x1).

ARTICLE 6 = ENTRETOISE PROTECTION CRASH GAUCHE (S0815=11mm DE LONG) (x1).

ARTICLE 7 = BOULON PROTECTION CRASH DROITE, M10x1.5x75 BOULON (x1).

ARTICLE 8 = ENTRETOISE DE COMPRESSION DE PROTECTION CRASH DROITE (CS0468=16mm DE LONG) (x1).

ARTICLE 9 = PROTECTION CRASH DROITE (B0492 avec CS0469) (10mm) (x1).

ARTICLE 10 = ENTRETOISE PROTECTION CRASH DROITE (S0816=10mm DE LONG) (x1).



PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4

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PHOTO 5



PHOTO 6



PHOTO 7



PHOTO 8

## INSTRUCTIONS DE MONTAGE

### Coté gauche (Lorsque vous êtes assis sur la mot)

- Enlever le boulon de fixation moteur, voir photo 1.
- Glisser une des rondelles de 10mm (article 2) sur le boulon M10 le plus long (article 3 - 80mm de long) pour que la rondelle se place contre la tête du boulon.
- Placer le boulon avec une rondelle à travers la plus longue entretoise de compression (article 4), puis à travers la plus longue protection crash (article 5), et enfin à travers le plus longue entretoise de protection crash (mais la plus petite en taille) (article 6=11mm de long), voir photo 2.
- Une fois le filetage du boulon dépassant de l'entretoise, installer l'ensemble dans le support cadre/moteur fileté, avant de serrer légèrement, voir photo 3.
- Serrer le boulon de la protection jusqu'à ce que vous sentiez une compression de l'intérieur de la protection avec une clé de 17mm. **LA PROTECTION DOIT ETRE POSITIONNEE AVEC LES PETITS TROUS A L'HORIZONTAL.** Tourner un peu plus afin d'accroître légèrement la compression. Faire un quart de tour. Pas plus de 40 Nm de couple - Ne pas trop serrer, au risque d'abîmer les composants.
- Mettre le sticker R&G sur le bouchon de la protection crash.
- Fit crash protector cap (article 1) into crash protector as shown photo 4.

### Coté droit (Lorsque vous êtes assis sur la mot)

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- Percer un trou dans le carénage pour accéder au boulon de fixation moteur, voir photo 5.
- Enlever le boulon de fixation moteur, voir photo 5 (ne pas enlever l'entretoise crantée).
- Placer l'entretoise de compression restante (article 8) dans la protection crash restante (la plus courte) et placer le boulon restant (article 7) à travers la protection crash.
- Mettre l'ensemble en position et utiliser la protection crash comme guide, et un stylo marqueur pour dessiner le contour de la protection.
- Enlever l'ensemble et percer le carénage de façon à ce qu'il n'y ait aucune distorsion lorsque la protection crash est installée.
- Glisser la rondelle 10mm restante (article 2) sur le boulon M10 le plus court (article 7 - 75mm de long) afin que la rondelle plate se place contre la tête du boulon.
- Placer le boulon avec sa rondelle à travers l'entretoise de compression la plus courte (article 8), puis à travers la protection crash la plus courte (article 9), et à travers l'entretoise de protection crash la plus courte (mais la plus large en taille) (article 10=10mm de long), voir photo 6.
- Une fois le filetage du boulon dépassant de l'entretoise, installer l'ensemble dans le support cadre/moteur fileté, avant de serrer légèrement, voir photo 7.
- Serrer le boulon de la protection jusqu'à ce que vous sentiez une compression de l'intérieur de la protection avec une clé de 17mm. **LA PROTECTION DOIT ETRE POSITIONNEE AVEC LES PETITS TROUS A L'HORIZONTAL.** Tourner un peu plus afin d'accentuer légèrement la compression. Faire un quart de tour. Pas plus de 40 Nm de couple - Ne pas trop serrer, au risque d'abîmer les composants.
- Mettre le sticker R&G sur le bouchon de la protection crash.
- Fit crash protector cap (article 1) into crash protector as shown photo 8.

Ces instructions de montage sont disponibles sur [www.rg-racing.com](http://www.rg-racing.com)

#### COUPLES DE SERRAGE RECOMMANDES

M4 BOULON = 8Nm  
 M5 BOULON = 12Nm  
 M6 BOULON = 15Nm  
 M8 BOULON = 20Nm  
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