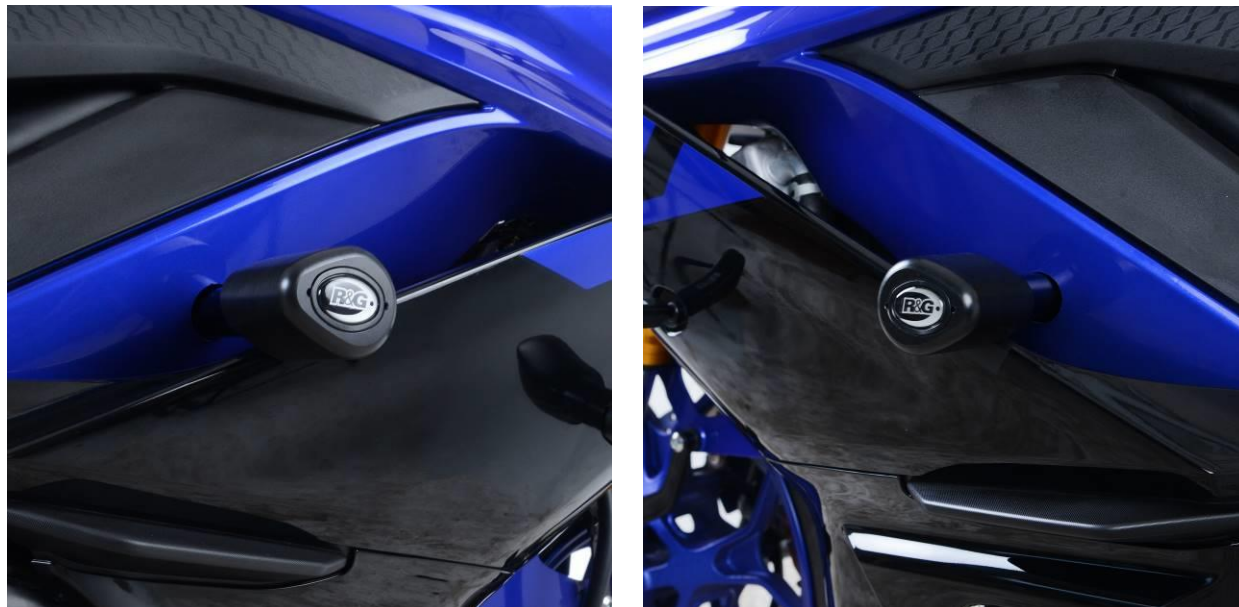




**FITTING INSTRUCTIONS FOR CP0465 CRASH PROTECTORS
FOR YAMAHA YZF-R25/R3 '19-**



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

**PLEASE BE AWARE THAT MODIFICATION TO BOTH THE LEFT AND RIGHT FAIRINGS IS REQUIRED
TO FIT THIS CRASH PROTECTOR KIT.**

**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)

DIGITAL COPIES OF THESE INSTRUCTIONS ARE AVAILABLE TO DOWNLOAD FROM WWW.RG-RACING.COM

GENERAL TORQUE SETTINGS

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

TOOLS REQUIRED

- Metric Allen key/socket set to include 4, 5 and 8mm A/F sizes
- Ratchet and socket set to include 10 and 17mm sizes
- Phillips head and small flathead screwdrivers
- Torque wrench
- Drill and 28mm hole saw

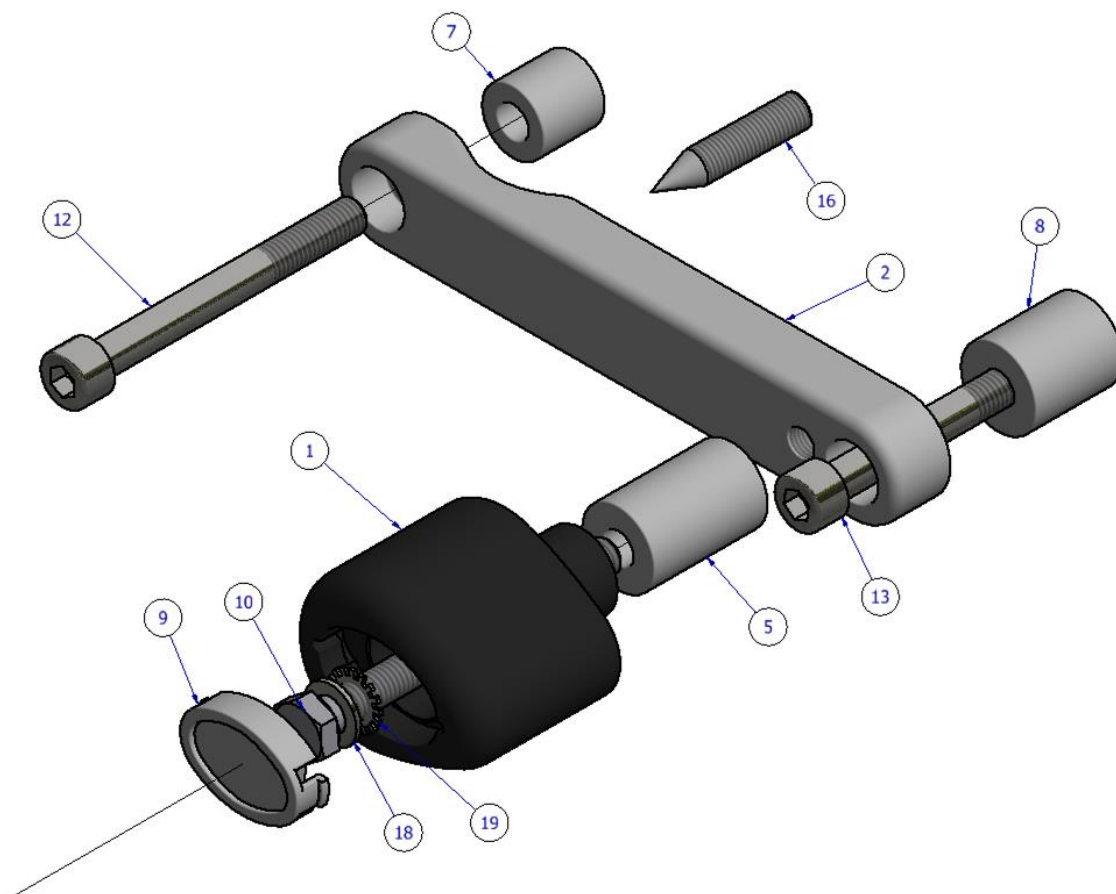
R&G

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**This Kit Contains:**

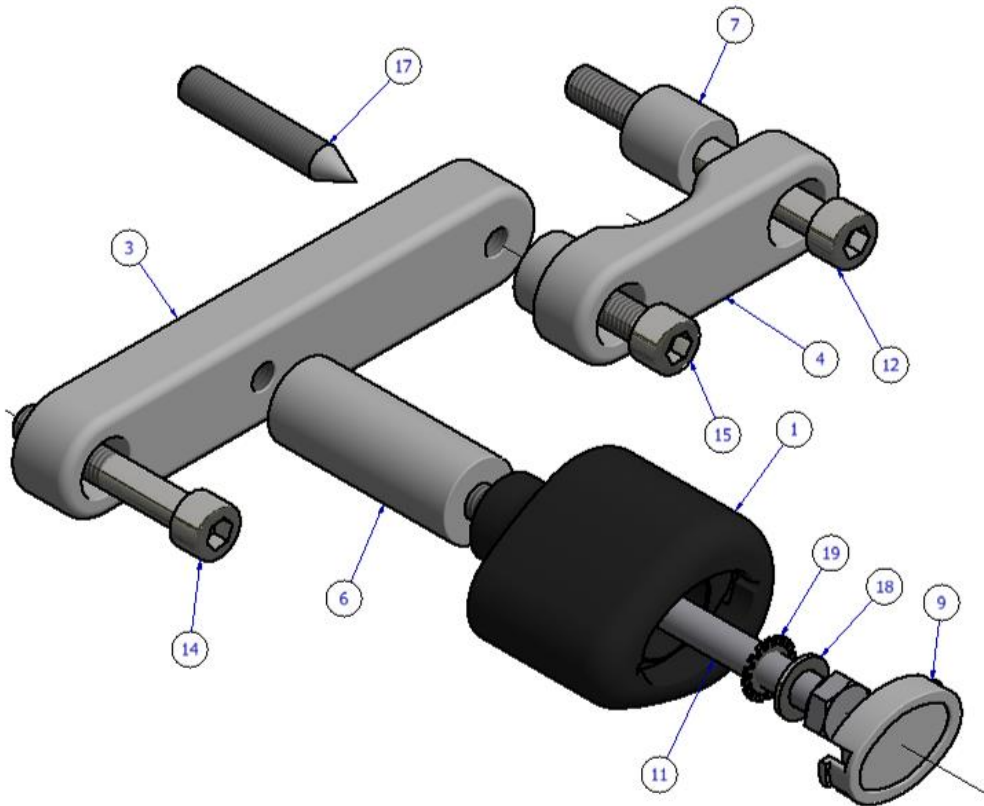
- Item 1 = 2x CRASH PROTECTOR BOBBINS (B0431) W / SPACERS (S0255) & COMPRESSION SLEEVES (CS341) FITTED
- Item 2 = 1x LHS CRASH PROTECTOR MOUNTING BLOCK (M0413)
- Item 3 = 1x RHS (REAR) CRASH PROTECTOR MOUNTING BLOCK (M0583)
- Item 4 = 1x RHS (FRONT) CRASH PROTECTOR MOUNTING BLOCK (M0584)
- Item 5 = 1x LHS CRASH PROTECTOR BOBBIN SPACER 39mm (S1182)
- Item 6 = 1x RHS CRASH PROTECTOR BOBBIN SPACER 63.5mm (S1183)
- Item 7 = 2x RHS & LHS FRONT MOUNTING BLOCK SPACERS 21mm (S0830)
- Item 8 = 1x LHS REAR SPACER 30mm (S1184)
- Item 9 = 2x BOBBIN CAPS (BC0002)
- Item 10 = 1x M10 x 1.25 x 100mm LONG HEX HEAD BOLT 8.8 GRADE (LHS BOBBIN BOLT)
- Item 11 = 1x M10 x 1.25 x 130mm LONG HEX HEAD BOLT 8.8 GRADE (RHS BOBBIN BOLT)
- Item 12 = 2x M10 x 1.25 x 90mm LONG CAP HEAD BOLT 8.8 GRADE (LHS & RHS FRONT)
- Item 13 = 1x M10 x 1.25 x 85mm LONG CAP HEAD BOLT 8.8 GRADE (LHS REAR)
- Item 14 = 1x M10 x 1.25 x 60mm LONG CAP HEAD BOLT 8.8 GRADE (RHS REAR)
- Item 15 = 1x M10 x 1.25 x 40mm LONG CAP HEAD BOLT 8.8 GRADE (FOR JOINING RHS FRONT AND REAR MOUNTING BLOCKS)
- Item 16 = 1x LHS FAIRING MARKING TOOL 30mm LONG (T0004)
- Item 17 = 1x RHS FAIRING MARKING TOOL 60mm LONG (T0011)
- Item 18 = 2x M10 WASHERS
- Item 19 = 2x SHAKE PROOF WASHERS (LW0001)

**LHS ASSEMBLY**

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RHS ASSEMBLY



FRONT OF BIKE

REAR OF BIKE

AERO STYLE CRASH-PROTECTOR ORIENTATION



FITTING INSTRUCTIONS



Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6



Picture 7



Picture 8



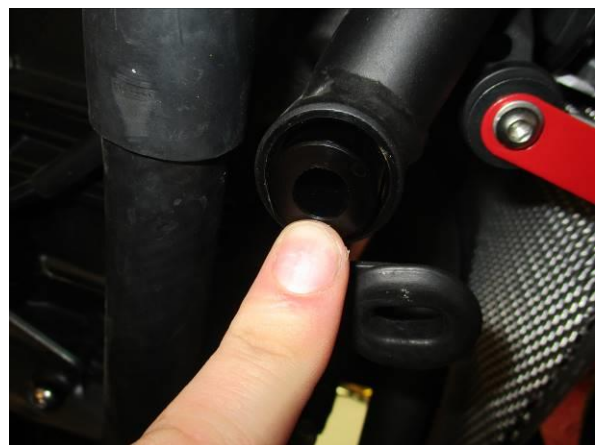
Picture 9



Picture 10



Picture 11



Picture 12



Picture 13



Picture 14



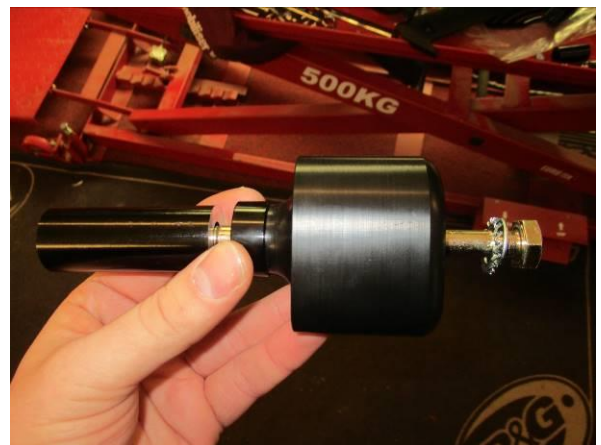
Picture 15



Picture 16



Picture 17



Picture 18



Picture 19



Picture 20



Picture 21



Picture 22



Picture 23



Picture 24



Picture 25



Picture 26





Fairing Removal:

- To fit this R&G crash protector kit, both fairings must be removed.
- Starting on the right-hand side of the bike, remove the 2x bolts arrowed using a 4mm Allen key, as shown in picture 1.
- Remove the lower bolt using a 4mm Allen key, as shown in picture 2.
- Remove the bolt located by the fork leg using a 4mm Allen key, as shown in picture 3.
- Remove the 3x plastic push-rivets located by the speedo using a small screwdriver to push the rivet in to allow removal, as shown in picture 4.
- Gently remove the upper and central panels, and disconnect the indicator bullet connectors, as shown in picture 5.
- Remove the bolt previously hidden underneath the central panel using a ratchet fitted with a 10mm socket, as shown in picture 6.
- Remove the upper bolt with a 10mm socket, as shown in picture 7.
- Remove the 4x Phillips head bolts located on the inner part of the fairing, as shown in picture 8.
- Gently pull the fairing to displace it from the 2x securing poppers.
- Gently push the whole fairing towards the front of the bike to remove.
- Repeat all previous steps for the left-hand side of the bike.

RHS Fitting:

- Starting on the right-hand side of the bike, remove the rear engine mounting bolt using an 8mm Allen key/socket, as shown in picture 9.
- Fit the rear crash protector mounting block (item 3) with its respective securing bolt (item 14) using an 8mm Allen key as shown in picture 10, but do not fully tighten.
- Remove the frame plug covering the front engine mounting bolt using a small flathead screwdriver, as shown in picture 11.
- Remove the front engine mounting bolt using an 8mm Allen key, then insert a 21mm spacer (item 7), as shown in picture 12.
- Fit the front crash protector mounting block (item 4) with its respective mounting bolt (item 12) as shown in picture 13, but do not fully tighten.
- Join the front and rear mounting blocks using the 40mm bolt (item 15) as shown in picture 14, then fully tighten all 3 bolts to 40Nm, ensuring the mounting blocks sit parallel to each other.

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- Fit the RHS fairing marking tool (item 17) to the tapped hole on the rear mounting block as shown in picture 15 and refit the main fairing, ensuring the marking tool does not impede fairing.
- Gently push fairing into the marking tool so it leaves a mark on the inside of the fairing.
- Remove fairing and drill a pilot hole in fairing (for checking position) from the inside face outwards, as shown in picture 16.
- Refit fairing and ensure the pilot hole lines up with marking tool; if happy with the position remove fairing and the marking tool.
- As shown in picture 17, use a 28mm hole saw to drill a hole using the pilot hole as a guide, then deburr the hole using a sharp knife or emery paper taking care not to mark fairing.
- Refit fairing as original (remember to connect indicator connectors).
- Now, put together the RHS crash protector assembly. Referring to the diagram on page 3 and picture 18, slide a washer (item 18) over the 130mm long hex-head bolt (item 11), followed by one of the serrated washers (item 19). Next, slide the bolt assembly through one of the included crash bobbins (item 1), then slide the 63.5mm spacer (item 6) over the exposed end of the bolt.
- Offer the pre-assembled crash protector through the fairing hole (ensuring the assembly does not distort the fairing) into the tapped hole on the rear block. Now, tighten the crash protector bolt using a ratchet fitted with a 17mm socket until you feel some compression, as shown in picture 19. Tighten a little more so that you feel the compression increase slightly, then apply a quarter turn. Do not over-tighten as damage can occur to the bike. Do not exceed 40Nm of torque. **PLEASE NOTE, THE CRASH PROTECTOR MUST BE POSITIONED AS IN THE DIAGRAM ON PAGE 3, WITH THE LARGER END TOWARDS THE FRONT OF THE BIKE.**

LHS Fitting:

- Moving to the left-hand side of the bike, remove the rear engine mounting bolt using an 8mm Allen key, as shown in picture 20.
- Next, slide an 85mm bolt (item 13) through the rear hole of the LHS crash protector mounting block (item 2), then slide a 30mm spacer (item 8) over the exposed end of the bolt. Offer this assembly up to the rear engine mounting hole and secure using an 8mm Allen key as shown in picture 21, but do not fully tighten.
- Remove the frame plug covering the front engine mounting bolt using a small flathead screwdriver, then remove the bolt using an 8mm Allen key as shown in picture 22.
- Insert a 21mm spacer (item 7) into the frame hole as shown in picture 23, then secure the other end of the mounting block to the hole with a 90mm bolt (item 12), using an 8mm Allen key to tighten as shown in picture 24. Fully tighten both bolts to 40Nm.
- Fit the shorter fairing marking tool (item 16) to the tapped hole in the mounting block, then repeat the steps outlined for the RHS to modify the fairing.

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- With the modified fairing fitted and indicators reconnected, put together the LHS crash protector assembly. Referring to the diagram on page 2 and picture 25, slide a washer (item 18) over the 100mm long hex-head bolt (item 10), followed by one of the serrated washers (item 19). Next, slide the bolt assembly through one of the included crash bobbins (item 1), then slide the 39mm spacer (item 5) over the exposed end of the bolt.
- Offer the pre-assembled crash protector through the fairing hole (ensuring the assembly does not distort the fairing) into the tapped hole on the mounting block. Now, tighten the crash protector bolt using a ratchet fitted with a 17mm socket until you feel some compression, as shown in picture 26. Tighten a little more so that you feel the compression increase slightly, then apply a quarter turn. Do not over-tighten as damage can occur to the bike. Do not exceed 40Nm of torque.
PLEASE NOTE, THE CRASH PROTECTOR MUST BE POSITIONED AS IN THE DIAGRAM ON PAGE 3, WITH THE LARGER END TOWARDS THE FRONT OF THE BIKE.
- Finally, fit the bobbin caps (item 9) to both crash protectors and ensure all panels are refitted.

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