



Kraftfahrt-Bundesamt

DE-24932 Flensburg

ALLGEMEINE BETRIEBSERLAUBNIS (ABE)

nach § 22 in Verbindung mit § 20 Straßenverkehrs-Zulassungs-Ordnung (StVZO) in der Fassung der Bekanntmachung vom 26.04.2012 (BGBl I S.679)

Nummer der ABE: 31384

Gerät: Radabdeckung für KRad

Typ: Type 1

Inhaber der ABE
und Hersteller: Powerbronze Ltd.
Littlehampton, West Sussex, BN16 3LF England

Für die oben bezeichneten reihenweise zu fertigenden oder gefertigten Geräte wird diese Genehmigung mit folgender Maßgabe erteilt:

Die genehmigte Einrichtung erhält das Typzeichen

KBA 31384

Dieses von Amts wegen zugeteilte Zeichen ist auf jedem Stück der laufenden Fertigung in der vorstehenden Anordnung dauerhaft und jederzeit von außen gut lesbar anzubringen. Zeichen, die zu Verwechslungen mit einem amtlichen Typzeichen Anlass geben können, dürfen nicht angebracht werden.



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Nummer der ABE: 31384

Die Ketten- und Radabdeckungen für KRad, Typ Type 1, dürfen in den in den beiliegenden Prüfunterlagen beschriebenen Ausführungen nur zum Anbau an den dort aufgeführten Krafträdern unter den angegebenen Bedingungen feilgeboten werden.

Bei Verwendung der Geräte an den in den beiliegenden Prüfunterlagen beschriebenen Krafträdern, die mit Einzelbetriebserlaubnis (EBE) nach §21 StVZO in den Verkehr gelangt sind, ist eine unverzügliche Überprüfung des Ein- oder Anbaus der Fahrzeugteile durch einen amtlich anerkannten Sachverständigen oder Prüfer für den Kraftfahrzeugverkehr oder durch einen Prüfer einer Überwachungsorganisation nach Nummer 4 der Anlage VIIIb zur StVZO durchzuführen.

Der ordnungsgemäße Ein- oder Anbau ist gemäß §22 Absatz 1 Satz 5 bei der Überprüfung mit positivem Ergebnis zu bestätigen. Nach durchgeführter Abnahme ist die ausgestellte Bestätigung mit dieser ABE und den Fahrzeugpapieren mitzuführen und den zuständigen Personen auf Verlangen auszuhändigen. Letzteres entfällt nach Berichtigung der Fahrzeugpapiere.

In einer mitzuliefernden Anbauanweisung sind die Bezieher auf den eingeschränkten Verwendungsbereich hinzuweisen.

Der Anbau hat nach dieser Anweisung zu erfolgen.

An jeder Ketten- und Radabdeckung für KRad muß an einer gegen Beschädigung geschützten, auch nach dem Anbau sichtbaren Stelle gut lesbar und dauerhaft ein Fabriksschild angebracht sein, das folgende Angaben enthält:

Hersteller oder Herstellerzeichen
Typ,
Ausführung und
Typzeichen

Statt der Kennzeichnung der Geräte mit dem Fabriksschild können die geforderten Angaben auch eingeprägt sein.

Im Übrigen gelten die im beiliegenden Gutachten nebst Anlagen der TÜV SÜD Auto Service GmbH, München, vom 26.05.2015 festgehaltenen Angaben.



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Das geprüfte Muster ist so aufzubewahren, dass es noch fünf Jahre nach Erlöschen der ABE in zweifelsfreiem Zustand vorgewiesen werden kann.

Flensburg, 08.06.2015

Im Auftrag

Jan Hendrik Schneider



Anlagen:

Nebenbestimmungen und Rechtsbehelfsbelehrung
1 Gutachten Nr. 15-00067-CM-GBM-00



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Nummer der ABE: 31384

- Anlage -

Nebenbestimmungen und Rechtsbehelfsbelehrung

Nebenbestimmungen

Die Einzelerzeugnisse der reihenweisen Fertigung müssen mit den Genehmigungsunterlagen genau übereinstimmen. Mit dem zugeteilten Typzeichen/Prüfzeichen dürfen die Fahrzeugteile nur gekennzeichnet werden, die den Genehmigungsunterlagen in jeder Hinsicht entsprechen.

Änderungen an den Einzelerzeugnissen sind nur mit ausdrücklicher Zustimmung des Kraftfahrt-Bundesamtes gestattet.

Änderungen der Firmenbezeichnung, der Anschrift und der Fertigungsstätten sowie eines bei der Erteilung der Genehmigung benannten Zustellungsbevollmächtigten oder bevollmächtigten Vertreters sind dem Kraftfahrt-Bundesamt unverzüglich mitzuteilen.

Das Kraftfahrt-Bundesamt ist unverzüglich zu benachrichtigen, wenn die reihenweise Fertigung oder der Vertrieb der genehmigten Einrichtung innerhalb eines Jahres oder endgültig oder länger als ein Jahr eingestellt wird. Die Aufnahme der Fertigung oder des Vertriebs ist dann dem Kraftfahrt-Bundesamt unaufgefordert innerhalb eines Monats mitzuteilen.

Verstöße gegen diese Bestimmungen können zum Widerruf der Genehmigung führen und können überdies strafrechtlich verfolgt werden.

Die Genehmigung erlischt, wenn sie zurückgegeben oder entzogen wird, oder der genehmigte Typ den Rechtsvorschriften nicht mehr entspricht. Der Widerruf kann ausgesprochen werden, wenn die für die Erteilung und den Bestand der Genehmigung geforderten Voraussetzungen nicht mehr bestehen, wenn der Genehmigungsinhaber gegen die mit der Genehmigung verbundenen Pflichten – auch soweit sie sich aus den zu dieser Genehmigung zugeordneten besonderen Auflagen ergeben - verstößt oder wenn sich herausstellt, dass der genehmigte Typ den Erfordernissen der Verkehrssicherheit oder des Umweltschutzes nicht entspricht.

Das Kraftfahrt-Bundesamt kann jederzeit die ordnungsgemäße Ausübung der durch diese Genehmigung verliehenen Befugnisse, insbesondere die genehmigungsgerechte Fertigung sowie die Maßnahmen zur Übereinstimmung der Produktion, nachprüfen. Es kann zu diesem Zweck Proben entnehmen oder entnehmen lassen. Dem Kraftfahrt-Bundesamt und/oder seinen Beauftragten ist ungehinderter Zutritt zu Produktions- und Lagerstätten zu gewähren.

Die mit der Erteilung dieser Genehmigung verliehenen Befugnisse sind nicht übertragbar. Schutzrechte Dritter werden durch diese Genehmigung nicht berührt.

Rechtsbehelfsbelehrung

Gegen diese Genehmigung kann innerhalb eines Monats nach Bekanntgabe Widerspruch erhoben werden. Der Widerspruch ist beim **Kraftfahrt-Bundesamt, Fördestraße 16, DE-24944 Flensburg**, schriftlich oder zur Niederschrift einzulegen.

Report No.: 15-00067-CM-GBM-00
Hersteller / Manufacturer: Powerbronze Ltd
Art / Kind / Radabdeckungen Kraftrad / *Mud guards for motor cycles*
Typ / Type Type 1

**Gutachten zur Erteilung einer Allgemeinen Betriebserlaubnis nach § 22 StVZO
ABE Nr. KBA 31384**

**TEST REPORT for German type approval regarding § 22 StVZO
No. KBA 31384**

1. Allgemeine Angaben / General Information

- 1.1 *Antragsteller / Applicant:* Powerbronze Ltd
Rustington BN 16LF
United Kingdom
- 1.2 *Alleinvertriebsberechtigter
Sole distributor* entfällt
n.a.
- 1.3 *Art / Kind:* Austausch- Radabdeckungen für Krafträder aus
Karbonfaser verstärktem Kunststoff /
*Aftermarket mud guards for motor cycles of carbon
fiber reinforced plastic*
- 1.4 *Typ / Type* Type 1
Ausführungen / Versions siehe Anlage 1 / *notice enclosure 1*
- 1.5 *Handelsmarke / Trade name* Powerbronze Carbonparts
- 1.6 *Kennzeichnung / Marking* *Typ / Handelsmarke Type / Trade name*
Ausführung (Teilenummer: siehe Anlage 1)
Version (Part number: notice enclosure 1)
KBA 31384
Art der Kennzeichnung Aufkleber
Kind of marking *sticker*
Ort der Kennzeichnung auf der Innenseite der Teile /
Place of marking *on the inner side of the parts*
- 1.7 *Beschreibung der Teile* siehe Montageanleitungen und Kennzeichnungen
Description of parts *notice encl. mounting instructions and markings*
- Auf Grund des Fertigungsverfahrens existieren keine technischen Zeichnungen.
Die Fotodokumentation wird als ausreichend erachtet.
*Due to the production process there are no technical drawings available.
The photo documentation will be sufficient.*
- 1.8 *Werkstoff / Material:* Karbonfaser verstärkter Kunststoff
Carbon fiber reinforced plastic

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2. Durchgeführte Prüfungen / *Performed tests*

Prüfungen gemäß VdTÜV- Merkblatt Nr. 736 von 08.2009 /
Tests regarding VdTÜV- Guideline No. 736 dated 08.2009

- | | | |
|------|---|--|
| 2.1. | <i>Materialprüfung /
Material test:</i> | Bruch- und Splitterverhalten nach
StVZO TA Nr. 29, Pkt. 3.6.8. /
<i>Breaking- and splinter behavior according to the
German requirement
StVZO TA No. 29, Point. 3.6.8</i> |
| 2.2 | <i>Vorstehende Außenkanten /
External protection:</i> | Gemäß 97/24/EG Kapitel 3 i.d.F. 2009/108/EG
Die Hinweise in der Montageanleitung sind zu
beachten. /
<i>According to 97/24/EG chapter 3 amendment
2009/108/EG
The hints in the mounting instruction have to be
recognized.</i> |
| 2.3 | <i>Radabdeckung /
Wheel cover:</i> | Gemäß KBA Informationssystem Typgenehmi-
gungsverfahren Nr. 01-98
<i>According to KBA information system type
approval procedure No. 01-98.</i> |
| 2.4 | <i>Radabdeckung hinten durch
Kennzeichenhalterung /
Rear wheel cover by
Registration plate bracket:</i> | entfällt / <i>n.a.</i> |
| 2.5 | <i>Fahrverhalten / Handling:</i> | Mit in der Anlage 1 aufgeführten Fahrzeugen wur-
den exemplarisch Fahrversuche durchgeführt.
Dabei wurden bis zur Höchstgeschwindigkeit der
Prüffahrzeuge keine negativen Einflüsse auf das
Fahrverhalten festgestellt /
<i>Handling tests were performed with different bikes.
There were no negative effects recognized regard-
ing the handling up to top speed.</i> |

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- 2.6 *Höchstgeschwindigkeit/*
Top speed: Die Höchstgeschwindigkeit der im Verwendungsbereich aufgeführten Fahrzeuge ändert sich außerhalb der Messtoleranz nicht / *The top speed of the vehicles remains the same within the measurement tolerance.*
- 2.7 *Anbau / Installation:* Der Anbau erfolgt mit den Original-Befestigungsteilen an den serienmäßigen Befestigungspunkten. Erforderliche Bohrungen sind in den Austauschteilen vorhanden. Falls erforderlich, werden Befestigungsteile mitgeliefert / *The aftermarket parts are installed with original fixing parts at the original fixing points. The aftermarket parts have all necessary fixing holes. Fixing parts are supplied if necessary.*
- 2.8 *Allgemeine Hinweise /*
General remarks: Die Radabdeckungen entsprechen in ihrer Form und in den Abmessungen weitgehend den zu ersetzenden Originalteilen / *The mud guards correspond regarding shape and dimensions with the original parts.*

3. **Verwendungsbereich / *Application list***

siehe Anlage / *notice enclosure:* 1

4. **Prüfergebnis / *Test result***

Die in Anlage 1 aufgeführten Fahrzeugteile wurden gemäß den unter Punkt 2 genannten Prüfungen getestet.
Die Teile erfüllen die in den Prüfgrundlagen genannten Anforderungen.
The mud guards listed in enclosure 1 were tested regarding the test mentioned in point 2.
The parts comply with the requests of the directives and requirements.

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Typ / <i>Type</i>	Type 1

5. Schlussbescheinigung / *Summary*

Der beschriebene Typ entspricht der genannten Prüfgrundlage.
Der ungünstigste Fall wurde entsprechend Prozessbeschreibung
„Erstellung von Gutachten“ bestimmt.
Der Prüfbericht darf nur vom Auftraggeber und nur in vollem Wortlaut verviel-
fältigt und weitergegeben werden. Eine auszugsweise Vervielfältigung und
Veröffentlichung des Prüfberichtes ist nur nach schriftlicher Genehmigung
des Prüflaboratoriums zulässig

Die Abnahme der Anbauteile durch einen amtlich anerkannten Sachverständigen
nach § 19.3 StVZO wird nicht für erforderlich gehalten.

An Fahrzeugen -im Verwendungsbereich- mit Einzelzulassung (EBE) muss nach
§19(3) StVZO eine Anbauabnahme durchgeführt werden.

Das Gutachten verliert seine Gültigkeit bei technischen Änderungen am Fahrzeugteil
oder wenn vorgenommene Änderungen an den im Verwendungsbereich beschriebe-
nen Fahrzeugtypen die Verwendung des Teils beeinflussen, sowie bei Änderung der
gesetzlichen Grundlagen.

*The type is in compliance with the test specification mentioned above. The
worst-case was selected in accordance with document
“Preparation of Test Reports”.*

*The test report may be reproduced and published in full and by the client
only. It can be reproduced partially with the written permission of the test
laboratory only.*

*A check of the installation by an official recognized expert according to §19(3) StVZO
is not necessary.*

The installation on vehicles with single type approval must be checked separately.

The approval loses validity in case of:

- modification of the technical unit*
- changes on the vehicles described in the application list, which affect the usage of
the technical unit*
- changes in the testing directives and requirements*

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Genehmigungsbehörde / Approval authority	Land / Country	Registriernummer / Registration-number	Aktueller Benennungsum- fang / Actual scope list
Kraftfahrt-Bundesamt (KBA)	Deutschland/ <i>Germany</i>	KBA-P 00100-10	www.kba.de
Vehicle Certification Agency (VCA)	Vereintes Königreich/ <i>United Kingdom</i>	VCA-TS-006	http://ec.europa.eu/enterprise/sectors/automotive/approval-authorities-technical-services/technical-services/index_en.htm
Approval Authority of the Netherlands (RDW)	Niederlande/ <i>The Netherlands</i>	RDW-99050009 01	
National Standards Authority of Ireland (NSAI)	Irland/ <i>Ireland</i>	Technical Service Number: 49	
Vehicle Safety Certification Center (VSCC)	Taiwan/ <i>Taiwan</i>	DE04-06-1	http://www.vsc.org.tw/English/Default.aspx

6. Anlagen / Enclosures

- 1 Verwendungsbereich / *Application list*
- 2 Montageanleitungen / *Mounting instructions*

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München, 26.05.2015



Dipl.-Ing. (FH) Max Höhler
Sachverständiger / *Expert*



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 Hersteller / *Manufacturer:* Powerbronze Ltd.
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Anlage / *Enclosure* 1
 Verwendungsbereich / *Application list*
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Hersteller / Manufacturer	Modell / Model	Typ / Type	ccm / ccm	ABE/EG / ABE/EG	von / from	bis / to	Teilenummer / Part number	Bezeichnung / Description	Länge Length	Breite Width	Höhe Height
BMW	R 1200 GS (LC)	R12W	1200	e1*0584*	2013	-	200-B102	Kotflügel vorne / <i>Mudguard</i>	680	300	360
	R 1200 GS Adventure (LC)	R12W	1200	e1*0584*	2014	-					
BMW	S 1000 RR	K10	1000	e1*0421*	2010	-	200-B101	Kotflügel vorne / <i>Mudguard</i>	470	300	300
							202-B101	Kettenschutz / <i>Chain Guard</i>	520	40	100
							201-B101	Kotflügel hinten / <i>Hugger</i>	410	290	100
BMW	S 1000 R	K10	1000	e1*0421*05	2014	-	200-B101	Kotflügel vorne / <i>Mudguard</i>	470	300	300
							202-B101	Kettenschutz / <i>Chain Guard</i>	520	40	100
							201-B102	Kotflügel hinten / <i>Hugger</i>	410	290	100

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Hersteller / <i>Manufacturer</i>	Modell / <i>Model</i>	Typ / <i>Type</i>	ccm / <i>ccm</i>	ABE/EG / <i>ABE/EG</i>	von / <i>from</i>	bis / <i>to</i>	Teilenummer / <i>Part number</i>	Bezeichnung / <i>Description</i>	Länge <i>Length</i>	Breite <i>Width</i>	Höhe <i>Height</i>
DUCATI	620 Sport	S	620	EBE	-	-	200-D102	Kotflügel vorne / <i>Mudguard</i>	440	300	300
DUCATI	748	H3	748	e1*0037*	-	-	200-D102	Kotflügel vorne / <i>Mudguard</i>	440	300	300
DUCATI	800 SS	S	800	EBE	-	-	200-D102	Kotflügel vorne / <i>Mudguard</i>	440	300	300
DUCATI	848	H6	848	e3*0475*	-	-	200-D103 201-D101 202-D101	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i> Kettenschutz / <i>Chain guard</i>	420 410 260	330 290 60	330 110 30
DUCATI	Streetfighter 848	F1	848	e3*0539*	-	-	200-D103	Kotflügel vorne / <i>Mudguard</i>	420	330	330
DUCATI	899 Panigale	H8	899	e3*0586	2014	-	200-D104	Kotflügel vorne / <i>Mudguard</i>	410	330	280
DUCATI	900 SSI	S	900	EBE	-	-	200-D102	Kotflügel vorne / <i>Mudguard</i>	440	300	300
DUCATI	916	916	916	G846	-	-					
DUCATI	996	H1	996	e1*00096*	-	-					
DUCATI	998	H1	998	e1*00096*	-	-					
DUCATI	1000DS	A1	1000	e3*0167*	-	-					
DUCATI	1098	H7	1098	e3*0436*	-	-	200-D103 201-D101 202-D101	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i> Kettenschutz / <i>Chain guard</i>	420 410 260	330 290 60	330 110 30
DUCATI	Streetfighter 1098	F1	1098	e3*0539*	-	-	200-D103	Kotflügel vorne / <i>Mudguard</i>	420	330	330
DUCATI	1198	H7	1198	e3*0436*	-	-	200-D103 201-D101 202-D101	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i> Kettenschutz / <i>Chain guard</i>	420 410 260	330 290 60	330 110 30
DUCATI	Panigale 1199	H8	1199	e3*0586*	2012	-	200-D104	Kotflügel vorne / <i>Mudguard</i>	410	330	280
					-	-	201-D102 202-D102	Kotflügel hinten / <i>Hugger</i> Kettenschutz / <i>Chain guard</i>	400 290	270 60	110 70



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Hersteller / Manufacturer	Modell / Model	Typ / Type	ccm / ccm	ABE/EG / ABE/EG	von / from	bis / to	Teilenummer / Part number	Bezeichnung / Description	Länge Length	Breite Width	Höhe Height
HONDA	CB600 HORNET	PC 34	600	K016	1998	2005	200-H101	Kotflügel vorne / <i>Mudguard</i>	530	130	280
HONDA	CB600 HORNET	PC 41	600	e*0454*	2006	2013	200-H112	Kotflügel vorne / <i>Mudguard</i>	540	290	300
					2007	2010	202-H105	Kettenschutz / <i>Chain guard</i>	600	70	110
					2011	2013	202-H105				
HONDA	CBF 600	PC 38	600	e3*0231*	2004	20011	200-H101	Kotflügel vorne / <i>Mudguard</i>	530	130	280
HONDA	CBR600F	PC 41	600	e3*0454*	2011	2013	200-H112	Kotflügel vorne / <i>Mudguard</i>	540	290	300
								Kettenschutz / <i>Chain guard</i>	600	70	110
HONDA	CBR600RR	PC37	600	e4*0190*	2003	2004	201-H101	Kotflügel hinten / <i>Hugger</i>	410	290	110
		PC37		e4*0190*	2005	2006	200-H101	Kotflügel vorne / <i>Mudguard</i>	490	280	350
		PC40		e4*1247*	2007	2008	200-H113		570	260	300
		PC40		e4*1247*	2009	2012	200-H113		570	260	300
		PC40		e4*1247	2005	-	201-H104	Kotflügel hinten / <i>Hugger</i>	410	290	110
		PC37		e4*0190*	2003	2006	202-H102	Kettenschutz / <i>Chain guard</i>	600	50	120
		PC40		e4*1247*	2007	2012					
		PC40		e4*1247*	2013	-					
HONDA	CBF900 HORNET	SC 48	900	e13*0051*	2001	-	200-H101	Kotflügel vorne / <i>Mudguard</i>	530	130	280

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Hersteller / <i>Manufacturer</i>	Modell / <i>Model</i>	Typ / <i>Type</i>	ccm / <i>ccm</i>	ABE/EG / <i>ABE/EG</i>	von / <i>from</i>	bis / <i>to</i>	Teilenummer / <i>Part number</i>	Bezeichnung / <i>Description</i>	Länge <i>Length</i>	Breite <i>Width</i>	Höhe <i>Height</i>		
HONDA	CBR900RR	SC28	900	G034	1992	1993	202-H101	Kettenschutz / <i>Chain guard</i> (p1)	330	80	80		
							202-H101	Kettenschutz / <i>Chain guard</i> (p2)	190	60	130		
					1994	1997	200-H106	Kotflügel vorne / <i>Mudguard</i>	670	140	330		
							202-H101	Kettenschutz / <i>Chain guard</i> (p1)	330	80	80		
					1998	1999	202-H101	Kettenschutz / <i>Chain guard</i> (p2)	190	60	130		
							200-H106	Kotflügel vorne / <i>Mudguard</i>	670	140	330		
		SC33	900	H294	1998	1999	202-H101	Kettenschutz / <i>Chain guard</i> (p1)	330	80	80		
							202-H101	Kettenschutz / <i>Chain guard</i> (p2)	190	60	130		
					2000	2001	200-H107	Kotflügel vorne / <i>Mudguard</i>	670	140	330		
							202-H104	Kettenschutz / <i>Chain guard</i> (p1)	410	90	60		
							202-H104	Kettenschutz / <i>Chain guard</i> (p2)	150	80	120		
							200-H107	Kotflügel vorne / <i>Mudguard</i>	670	140	330		
2002	2003	201-H102	Kotflügel hinten / <i>Hugger</i>	410	290	110							
		202-H104	Kettenschutz / <i>Chain guard</i> (p1)	410	90	60							
		202-H104	Kettenschutz / <i>Chain guard</i> (p2)	150	80	120							
		202-H104	Kettenschutz / <i>Chain guard</i> (p2)	150	80	120							
HONDA	CBR 1000 RR	SC57	1000	e4*0269*	2004	2007	200-H108	Kotflügel vorne / <i>Mudguard</i>	500	270	330		
							201-H103	Kotflügel hinten / <i>Hugger</i>	410	290	110		
							202-H103	Kettenschutz / <i>Chain guard</i> (p1)	390	80	80		
							202-H103	Kettenschutz / <i>Chain guard</i> (p2)	150	100	120		
							202-H103	Kettenschutz / <i>Chain guard</i> (p2)	150	100	120		
HONDA	CBR 1000 RR	SC59	1000	e4*1726*	2008	-	200-H114	Kotflügel vorne / <i>Mudguard</i>	470	280	270		
							201-H105	Kotflügel hinten / <i>Hugger</i>	410	290	110		
							201-H107	Kotflügel hinten / <i>Hugger</i> (ABS)	410	290	110		
							2008	-	202-H106	Kettenschutz / <i>Chain guard</i>	610	80	110
									202-H106	Kettenschutz / <i>Chain guard</i>	610	80	110
HONDA	CB1000 R	SC60	1000	e4*1912*	2008	-	200-H115	Kotflügel vorne / <i>Mudguard</i>	520	280	300		
							201-H106	Kotflügel hinten / <i>Hugger</i>	410	290	110		
							202-H107	Kettenschutz / <i>Chain guard</i>	470	70	90		
							202-H107	Kettenschutz / <i>Chain guard</i>	470	70	90		



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HONDA	CBF1000	SC58	1000	e3*0373*	2006	2010	200-H101	Kotflügel vorne / <i>Mudguard</i>	530	130	280
HONDA	VTR 1000 Firestorm	SC36	1000	H687	-	-	200-H109	Kotflügel vorne / <i>Mudguard</i>	540	200	290
HONDA	VTR 1000 SP1	SC45	1000	e4*0061*	1999	-	200-H107	Kotflügel vorne / <i>Mudguard</i>	670	140	330
							202-H101	Kettenschutz / <i>Chain guard</i> (p1) Kettenschutz / <i>Chain guard</i> (p2)	330 190	80 60	80 130
HONDA	VTR 1000 SP2	SC45	1000	e4*0061*	1999	-	200-H107	Kotflügel vorne / <i>Mudguard</i>	670	140	330
							202-H101	Kettenschutz / <i>Chain guard</i> (p1) Kettenschutz / <i>Chain guard</i> (p2)	410 150	90 80	60 120
HONDA	VFR 1200	SC63	1200	e4*2383*	2010	-	200-H108	Kotflügel vorne / <i>Mudguard</i>	500	270	330
HONDA	CB 1300	SC54	1300	e1*0187*	-	-	200-H101	Kotflügel vorne / <i>Mudguard</i>	530	130	280

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KAWASAKI	ZX6-R	ZX600J	600	e4*0042*	2000	2002	200-K102	Kotflügel vorne / <i>Mudguard</i>	590	355	285
KAWASAKI	ZX6-R	ZX636B	600	e4*0180*	2003	2004	200-K103	Kotflügel vorne / <i>Mudguard</i>	520	260	300
							202-K104	Kettenschutz / <i>Chain guard</i>	400	50	100
KAWASAKI	ZX6-R	ZX636C	600	e1*0229*	2005	2006	200-K101	Kotflügel vorne / <i>Mudguard</i>	540	310	300
							201-K101	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K102	Kettenschutz / <i>Chain guard</i>	530	70	80
KAWASAKI	ZX6-R	ZX600P	600	e4*1274	2007	2008	200-K101	Kotflügel vorne / <i>Mudguard</i>	540	310	300
							201-K106	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K102	Kettenschutz / <i>Chain guard</i>	530	70	80

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KAWASAKI	ZX6-R	ZX600R	600	e4*2077*	2009 2009	2012 -	200-K113	Kotflügel vorne / <i>Mudguard</i>	500	270	310
							201-K111	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K113	Kettenschutz / <i>Chain guard</i>	560	60	120
KAWASAKI	ER6-F	ER650	650	e1*0417*	2005	2008	200-K108	Kotflügel vorne / <i>Mudguard</i>	520	260	300
							202-K109	Kettenschutz / <i>Chain guard</i>	350	60	85
KAWASAKI	ER6-N	ER650A	650	e1*0260*	2005	2008	200-K108 202-K109	Kotflügel vorne / <i>Mudguard</i> Kettenschutz / <i>Chain guard</i>	520 350	260 60	300 85
KAWASAKI	Z750	ZR750J	750	e1*0197*	2004	2006	202-K104	Kettenschutz / <i>Chain guard</i>	550	40	80
KAWASAKI	Z750S	ZR750J	750	e1*0197*	2004	2007	200-K103	Kotflügel vorne / <i>Mudguard</i>	520	260	300
							201-K109	Kotflügel hinten / <i>Hugger</i>	410	290	110
KAWASAKI	Z750	ZR750L	750	e1*00309*	2007	2011	200-K103	Kotflügel vorne / <i>Mudguard</i>	520	260	300
							201-K109	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K110	Kettenschutz / <i>Chain guard</i>	550	40	80
KAWASAKI	Z750R	ZR750N	750	e1*0487*	2011	2012	202-K111	Kettenschutz / <i>Chain guard</i>	520	60	120
KAWASAKI	ZX7-R	ZX750N	750	H202	1996	-	200-K106	Kotflügel vorne / <i>Mudguard</i>	640	270	300
KAWASAKI	ZX7-RR	ZX750N	750	H202	1996	-	200-K106	Kotflügel vorne / <i>Mudguard</i>	640	270	300
KAWASAKI	Z800	ZR800A	800	e4*2908*	2013	-	200-K113	Kotflügel vorne / <i>Mudguard</i>	500	270	310
							201-K116	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K110	Kettenschutz / <i>Chain guard</i>	550	40	80
KAWASAKI	ZX9-R	ZX900C	900	H884	1998	1999	200-K102	Kotflügel vorne / <i>Mudguard</i>	590	355	285
KAWASAKI	ZX9-R	ZX900E	900	e1*0054*	2000	2001	200-K102	Kotflügel vorne / <i>Mudguard</i>	590	355	285



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KAWASAKI	Z1000	ZRT00A	1000	e1*0172*	2003	2006	200-K103	Kotflügel vorne / <i>Mudguard</i>	520	260	300
							202-K104	Kettenschutz / <i>Chain guard</i>	400	50	100
KAWASAKI	Z1000	ZRT00B	1000	e4*1275*	2007	2009	200-K101	Kotflügel vorne / <i>Mudguard</i>	540	310	300
							201-K110	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K111	Kettenschutz / <i>Chain guard</i>	520	60	120
KAWASAKI	Z1000	ZRT00D	1000	e4*2374*	2010	2013	200-K114	Kotflügel vorne / <i>Mudguard</i>	525	390	290
							201-K112	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K111	Kettenschutz / <i>Chain guard</i>	520	60	120
KAWASAKI	Z1000	ZRT00F	1000	e4*3009	2014	-	200-K115	Kotflügel vorne / <i>Mudguard</i>	500	270	310
							201-K117	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K111	Kettenschutz / <i>Chain guard</i>	520	60	120
KAWASAKI	Z1000SX	ZXT00G	1000	e1*0486*	2011	2013	200-K113	Kotflügel vorne / <i>Mudguard</i>	500	270	310
							201-K112	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K111	Kettenschutz / <i>Chain guard</i>	520	60	120
KAWASAKI	Z1000SX	ZXT00L	1000	e1*0486*	2014	-	200-K115	Kotflügel vorne / <i>Mudguard</i>	500	270	310
							202-K111	Kettenschutz / <i>Chain guard</i>	520	60	120
							201-K117	Kotflügel hinten / <i>Hugger</i>	410	290	110
KAWASAKI	ZX10-R	ZXT00C	1000	e4*0246*	2004	2005	200-K101	Kotflügel vorne / <i>Mudguard</i>	540	310	300
							201-K102	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K108	Kettenschutz / <i>Chain guard</i> (p1)	310	50	60
							202-K108	Kettenschutz / <i>Chain guard</i> (p2)	210	50	90
KAWASAKI	ZX10-R	ZXT00D	1000	e1*0270*	2006	2007	200-K101	Kotflügel vorne / <i>Mudguard</i>	540	310	300
							201-K103	Kotflügel hinten / <i>Hugger</i>	410	290	110

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KAWASAKI	ZX10-R	ZXT00E	1000	e1*0350*	2008	2010	200-K112	Kotflügel vorne / <i>Mudguard</i>	540	270	290
							201-K108	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K112	Kettenschutz / <i>Chain guard</i>	495	50	120
KAWASAKI	ZX10-R	ZXT00F	1000	e4*2548*	2011	-	200-K113	Kotflügel vorne / <i>Mudguard</i>	500	270	310
							201-K114	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-K114	Kettenschutz / <i>Chain guard</i>	550	80	130
KAWASAKI	VERSYS 1000	LZT00A	1000	e1*0540*	2012	-	202-K111	Kettenschutz / <i>Chain guard</i>	520	60	120
KAWASAKI	ZX12-R	ZXT20A	1200	e1*0065*	2000	2001	200-K104	Kotflügel vorne / <i>Mudguard</i>	700	200	290
KAWASAKI	ZX12-R	ZXT20A	1200	e1*0065*	2002	2007	200-K104	Kotflügel vorne / <i>Mudguard</i>	700	200	290
KAWASAKI	ZZR 1400	ZXT40A	1400	e4*1560*	2006	2011	200-K109	Kotflügel vorne / <i>Mudguard</i>	790	320	360
							201-K107	Kotflügel hinten / <i>Hugger</i>	440	300	210
KAWASAKI	ZZR 1400	ZXT40C	1400	e4*1560*	2007	2011	200-K109	Kotflügel vorne / <i>Mudguard</i>	790	320	360
							201-K107	Kotflügel hinten / <i>Hugger</i>	440	300	210
KAWASAKI	ZZR1400	ZXT40A	1400	e4*0912*	2012	-	200-K109	Kotflügel vorne / <i>Mudguard</i>	790	320	360
							201-K115	Kotflügel hinten / <i>Hugger</i>	440	300	210
KAWASAKI	ZGT40A	GTR1400	1400	e1*0310*	-	-	200-K109	Kotflügel vorne / <i>Mudguard</i>	790	320	360



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SUZUKI	GSF600 BANDIT	WVA8	600	e4*0060*	2000	2004	200-S104	Kotflügel vorne / <i>Mudguard</i>	500	220	280
SUZUKI	GSXR600	AD	600	H583	1996	1999	202-S101	Kettenschutz / <i>Chain guard</i>	470	50	100
SUZUKI	GSXR600	WVBG	600	e4*0100*	2001	2003	200-S101	Kotflügel vorne / <i>Mudguard</i>	620	310	290
					2000	2003	202-S101	Kettenschutz / <i>Chain guard</i>	470	50	100
SUZUKI	GSXR600	WVB2	600	e4*0253*	2004	2005	200-S102	Kotflügel vorne / <i>Mudguard</i>	610	300	300
							201-S101	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-S105	Kettenschutz / <i>Chain guard</i>	390	90	75
SUZUKI	GSXR600	WVCE	600	e4*0849*	2006	2007	200-S107	Kotflügel vorne / <i>Mudguard</i>	550	320	290
							201-S105	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-S107	Kettenschutz / <i>Chain guard</i>	560	60	120
SUZUKI	GSXR600	WVCV	600	e4*2002*	2008	2010	200-S107	Kotflügel vorne / <i>Mudguard</i>	550	320	290
							201-S105	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-S107	Kettenschutz / <i>Chain guard</i>	560	60	120
SUZUKI	GSXR600	C3	600	e4*2578*	2011	-	200-S112	Kotflügel vorne / <i>Mudguard</i>	555	300	290
							201-S114	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-S112	Kettenschutz / <i>Chain guard</i>	570	50	120
SUZUKI	GSF650N/S BANDIT	WVB5	650	e4*0359*	2005	2008	200-S104	Kotflügel vorne / <i>Mudguard</i>	500	220	280
SUZUKI	GSX650F	WVCJ	650	e4*1342*	2008	-	200-S111	Kotflügel vorne / <i>Mudguard</i>	500	220	280



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SUZUKI	GSXR750	WVBD	750	e4*0068*	2000	2003	200-S101	Kotflügel vorne / <i>Mudguard</i>	620	310	290
							202-S103	Kettenschutz / <i>Chain guard</i>	390	90	75
							201-S102	Kotflügel hinten / <i>Hugger</i>	410	290	110
SUZUKI	GSXR750	WVB3	750	e4*0261*	2004	2005	200-S102	Kotflügel vorne / <i>Mudguard</i>	610	300	300
							201-S101	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-S105	Kettenschutz / <i>Chain guard</i>	390	90	75
SUZUKI	GSXR750	WVCF	750	e4*0890*	2006	2007	200-S107	Kotflügel vorne / <i>Mudguard</i>	550	320	290
							201-S105	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-S107	Kettenschutz / <i>Chain guard</i>	560	60	120
SUZUKI	GSXR750	WVCW	750	e4*2002*	2008	2010	200-S107	Kotflügel vorne / <i>Mudguard</i>	550	320	290
							201-S105	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-S107	Kettenschutz / <i>Chain guard</i>	560	60	120
SUZUKI	GSXR750	C4	750	e4*2587*	2011	-	200-S112	Kotflügel vorne / <i>Mudguard</i>	555	300	290
							201-S114	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-S112	Kettenschutz / <i>Chain guard</i>	570	50	120
SUZUKI	RF900	GT73B	900	G 616			200-S104	Kotflügel vorne / <i>Mudguard</i>	500	220	280
SUZUKI	DL1000 V-Strom	WVBS	1000	e4*0142	2002	2008	202-S101	Kettenschutz / <i>Chain guard</i>	470	50	100

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SUZUKI	GSXR1000	WVBL	1000	e4*0108*	2001	2002	200-S101 202-S103 201-S102	Kotflügel vorne / <i>Mudguard</i> Kettenschutz / <i>Chain guard</i> Kotflügel hinten / <i>Hugger</i>	620 390	310 90	290 75
SUZUKI	GSXR1000	WVBZ	1000	e4*0193*	2003	2004	200-S102 201-S103 202-S103	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i> Kettenschutz / <i>Chain guard</i>	610 410 390	300 290 90	300 110 75
SUZUKI	GSXR1000	WVB6	1000	e4*0375*	2005	2006	200-S107 201-S108 202-S106 202-S106	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i> Kettenschutz / <i>Chain guard</i> (p1) Kettenschutz / <i>Chain guard</i> (p2)	550 410 370 320	320 290 60 65	290 110 100 120
SUZUKI	GSXR1000	WVCL	1000	e4*1343	2007	2008	200-S107 201-S108 202-S110	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i> Kettenschutz / <i>Chain guard</i>	550 410 595	320 290 50	290 110 100
SUZUKI	GSXR1000	WVCY	1000	e4*2132*	2009	-	200-S112 201-S113 202-S110	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i> Kettenschutz / <i>Chain guard</i>	555 410 595	300 290 50	290 110 100
SUZUKI	TL1000 S (UK)	AG	1000	H632	-	-	202-S101	Kettenschutz / <i>Chain guard</i>	470	50	100
SUZUKI	TL1000 R	AM	1000	H977	-	-	202-S101	Kettenschutz / <i>Chain guard</i>	470	50	100
SUZUKI	GSF1200 BANDIT	WVA9	1200	e4*0086*	2000	2006	200-S104 202-S102	Kotflügel vorne / <i>Mudguard</i> Kettenschutz / <i>Chain guard</i>	500 530	220 50	280 90
SUZUKI	GSF1250 N/S BANDIT	WVCH	1250	e4*1300*	2007	2014	200-S104 202-S102	Kotflügel vorne / <i>Mudguard</i> Kettenschutz / <i>Chain guard</i>	500 530	220 50	280 90
SUZUKI	GSX 1300 BK	WVCR	1300	e4*1531*	2007	2012	200-S109 201-S107 202-S111 202-S112	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i> Kettenschutz / <i>Chain guard</i>	570 410 640	280 290 50	320 110 90

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Hersteller / <i>Manufacturer</i>	Modell / <i>Model</i>	Typ / <i>Type</i>	ccm / <i>ccm</i>	ABE/EG / <i>ABE/EG</i>	von / <i>from</i>	bis / <i>to</i>	Teilenummer / <i>Part number</i>	Bezeichnung / <i>Description</i>	Länge <i>Length</i>	Breite <i>Width</i>	Höhe <i>Height</i>
SUZUKI	GSX 1300 R HAYABUSA	WVA1	1300	e4*0012*	1999	2007	200-S105	Kotflügel vorne / <i>Mudguard</i>	730	320	350
							201-S106	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-S104	Kettenschutz / <i>Chain guard</i>	410	70	90
SUZUKI	GSX 1300 R HAYABUSA	WVCK	1300	e4*1618*	2008	-	200-S110	Kotflügel vorne / <i>Mudguard</i>	800	310	330
							201-S112	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-S104	Kettenschutz / <i>Chain guard</i>	410	70	90
TRIUMPH	DAYTONA 675	D67LC	675	e11*0253*	2006	2008	200-T102	Kotflügel vorne / <i>Mudguard</i>	460	310	230
		D67LC	675	e11*0253*	2009	2012	202-T101	Kettenschutz / <i>Chain guard</i>	560	30	80
							200-T102	Kotflügel vorne / <i>Mudguard</i>	460	310	230
TRIUMPH	STREET TRIPLE	D67LD	675	e11*0611*	2007	2012	202-T101	Kettenschutz / <i>Chain guard</i>	560	30	80
							200-T102	Kotflügel vorne / <i>Mudguard</i>	460	310	230
TRIUMPH	STREET TRIPLE R	D67LD	675	e11*0611*	2007	2011	200-T102	Kotflügel vorne / <i>Mudguard</i>	460	310	230
							202-T101	Kettenschutz / <i>Chain guard</i>	560	30	80
TRIUMPH	STREET TRIPLE	L67LR3	675	e11*1533*	2013	-	200-T102	Kotflügel vorne / <i>Mudguard</i>	460	310	230
							202-T102	Kettenschutz / <i>Chain guard</i>	640	50	110
TRIUMPH	STREET TRIPLE R	L67LR3	675	e11*1533*	2013	-	200-T102	Kotflügel vorne / <i>Mudguard</i>	460	310	230
							202-T102	Kettenschutz / <i>Chain guard</i>	640	50	110
TRIUMPH	TIGER 1200 EXPLORER	V13VG	1200	e11*1228*	2012	-	200-T103	Kotflügel vorne / <i>Mudguard</i>	700	380	320
							300-T106	Kotflügel hinten / <i>Hugger</i>	590	200	90
TRIUMPH	TIGER 1200 EXPLORER XC	V13VG	1200	e11*1228*	2013	-	200-T103	Kotflügel vorne / <i>Mudguard</i>	700	380	320
							300-T106	Kotflügel hinten / <i>Hugger</i>	590	200	90



Techn.Bericht Nr. / *Techn. Report No.:* 15-00067-CM-GBM-00
 Hersteller / *Manufacturer:* Powerbronze Ltd.
 Art / *Kind /* Radabdeckungen Kraftrad / *Mud guards for motorcycle*
 Typ / *Type* Type 1

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Hersteller / <i>Manufacturer</i>	Modell / <i>Model</i>	Typ / <i>Type</i>	ccm / <i>ccm</i>	ABE/EG / <i>ABE/EG</i>	von / <i>from</i>	bis / <i>to</i>	Teilenummer / <i>Part number</i>	Bezeichnung / <i>Description</i>	Länge <i>Length</i>	Breite <i>Width</i>	Höhe <i>Height</i>
YAMAHA	YZF-R6	RJ05	600	e13*0060*	2003	2003	202-Y101	Kettenschutz / <i>Chain guard</i>	610	30	150
		RJ09	600	e13*0073*	2003	2004	202-Y101	Kettenschutz / <i>Chain guard</i>	610	30	150
		RJ09	600	e13*0073*	2005	2005	200-Y104	Kotflügel vorne / <i>Mudguard</i>	580	270	300
YAMAHA	YZF-R6	RJ11	600	e13*0038*	2006	2007	200-Y107	Kotflügel vorne / <i>Mudguard</i>	540	270	320
							201-Y102	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-Y105	Kettenschutz / <i>Chain guard</i>	610	30	180
YAMAHA	YZF-R6	RJ15	600	e13*0073*	2008	-	200-Y107	Kotflügel vorne / <i>Mudguard</i>	540	270	320
							201-Y102	Kotflügel hinten / <i>Hugger</i>	410	290	110
							202-Y105	Kettenschutz / <i>Chain guard</i>	610	30	180
YAMAHA	MT-07	RM04	649	e13*0660	2014	-	200-Y113	Kotflügel vorne / <i>Mudguard</i>	590	280	220
							201-Y107	Kotflügel hinten / <i>Hugger</i>	400	300	110
YAMAHA	MT-09	RN29	900	e13*0643	2014	-	200-Y112	Kotflügel vorne / <i>Mudguard</i>	560	280	250
							201-Y106	Kotflügel hinten / <i>Hugger</i>	370	290	110
							202-Y106	Kettenschutz / <i>Chain guard</i>	600	50	100
YAMAHA	FZ-8	RN25	800	e13*0393*	2010	-	200-Y104	Kotflügel vorne / <i>Mudguard</i>	580	270	300
YAMAHA	FZ-8 FAZER	RN25	800	e13*0393*	2010	-	200-Y104	Kotflügel vorne / <i>Mudguard</i>	580	270	300
YAMAHA	FZ-1	RN16	1000	e13*0040*	2006	-	200-Y104	Kotflügel vorne / <i>Mudguard</i>	580	270	300
							202-Y104	Kettenschutz / <i>Chain guard</i>	610	30	150
YAMAHA	FZ-1 FAZER	RN16	1000	e13*0040*	2006	-	200-Y104	Kotflügel vorne / <i>Mudguard</i>	580	270	300
							202-Y104	Kettenschutz / <i>Chain guard</i>	610	30	150



Techn.Bericht Nr. / *Techn. Report No.:* 15-00067-CM-GBM-00
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Hersteller / Manufacturer	Modell / Model	Typ / Type	ccm / ccm	ABE/EG / ABE/EG	von / from	bis / to	Teilenummer / Part number	Bezeichnung / Description	Länge Length	Breite Width	Höhe Height
YAMAHA	YZF R1	RN01	1000	H917	1998	1999	202-Y102	Kettenschutz / <i>Chain guard</i>	610	60	100
YAMAHA	YZF R1	RN04	1000	e1*0063*	2000	2001	202-Y102	Kettenschutz / <i>Chain guard</i>	610	60	100
YAMAHA	YZF R1	RN09	1000	e13*0054*	2002	2003	202-Y103	Kettenschutz / <i>Chain guard</i>	610	60	130
YAMAHA	YZF R1	RN12	1000	e13*0084*	2004	2006	200-Y104 201-Y103	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i>	580 410	270 290	300 110
YAMAHA	YZF R1	RN19	1000	e13*0163*	2007	2008	200-Y104 201-Y104	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i>	580 410	270 290	300 110
YAMAHA	YZF R1	RN22	1000	e13*2002*	2009	-	200-Y111 201-Y105	Kotflügel vorne / <i>Mudguard</i> Kotflügel hinten / <i>Hugger</i>	520 410	340 290	360 110



CARBON MUDGUARDS

200-Y113 YAMAHA ,MT-07, 14-15 ,FZ-07, 14-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-Y112 YAMAHA ,MT-09,FZ-09, 13-15 ,MT-09 TRACER,FJ-09 TRACER, 15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-Y111 YAMAHA ,YZF-R1, 09-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-Y107 YAMAHA ,YZF-R6, 06-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-Y104 YAMAHA ,YZF-R6, 05 ,YZF-R1, 04-08 ,FZ-1N,FZ-1 FAZER, 06-15 ,FZ-8N,FZ-8 FAZER, 10-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-T103 TRIUMPH ,TIGER 1200 EXPLORER, 12-15 ,TIGER 1200 EXPLORER XC, 13-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-T102 TRIUMPH ,DAYTONA 675, 06-15 ,STREET TRIPLE,STREET TRIPLE R, 07-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-S112 SUZUKI ,GSXR1000, 09-15 ,GSXR600, 11-15 ,GSXR750, 11-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-S111 SUZUKI ,GSX650F, 08-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-S110 SUZUKI ,GSX1300R HAYABUSA, 08-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-S109 SUZUKI ,B-KING, 07-12



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-S107 SUZUKI ,GSXR600, 06-10 ,GSXR750, 06-10 ,GSXR1000, 05-08



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-S105 SUZUKI ,GSX1300R HAYABUSA, 99-07



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-S104 SUZUKI ,GSF600 BANDIT, 00-04 ,GSF650 BANDIT,GSF650S BANDIT, 05-08 ,GSF1200 BANDIT, 00-06 ,GSF1250 BANDIT,GSF1250S BANDIT, 07-14 ,RF900,



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-S102 SUZUKI ,GSXR600, 04-05 ,GSXR750, 04-05 ,GSXR1000, 03-04



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-S101 SUZUKI ,GSXR600, 01-03 ,GSXR750, 00-03 ,GSXR1000, 01-02



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K115 KAWASAKI ,Z1000, 14-15 ,Z1000SX, 14-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K114 KAWASAKI ,Z1000, 10-13



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K113 KAWASAKI ,ZX6-R, 09-12 ,Z1000SX, 11-13 ,ZX10-R, 11-15 ,Z800, 13-15



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K112 KAWASAKI ,ZX10-R, 08-10



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K109 KAWASAKI ,ZX-14R, 06-15 ,ZZR1400, 06-15 ,GTR1400,



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K108 KAWASAKI ,ER6-N,ER6-F, 05-08



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K106 KAWASAKI ,ZX7-R,ZX7-RR, 96+



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K104 KAWASAKI ,ZX12-R, 00-07



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K103 KAWASAKI ,ZX6-R, 03-04 ,Z750, 07-11 ,Z750S,Z1000, 03-06



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K102 KAWASAKI ,ZX6-R, 00-02 ,ZX9-R, 98-01



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-K101 KAWASAKI ,ZX6-R, 05-08 ,ZX10-R, 04-07 ,Z1000, 07-09



Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard

ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-H115 HONDA CB1000R 08-15

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-H114 HONDA CBR1000RR 08-15 / VFR800F 14-15

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-H113 HONDA CBR600RR 07-12

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-H112 HONDA CB600 HORNET 06-13 / CBR600F 11-13

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-H109 HONDA VTR1000 FIRESTORM

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-H108 HONDA CBR1000RR 04-07 / VFR1200 10-15

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
2	SOCKET SCREW M6 X 20	31	5
3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-H107 HONDA CBR900RR 00-03 / VTR1000 SP1 / VTR1000 SP2 99+

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



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1	SOCKET SCREW M6 X 12	57	6
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5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-H106 HONDA CBR900RR 94-99

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

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4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-H105 HONDA CBR600RR 05-06

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
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3	FLANGE NUTS M6	17	4
4	WASHER M6 FORM A (SMALL)	20	4
5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-H101 CBF600 04-11 / CB600 HORNET 98-05 / CB900 HORNET 01+ / CB1300 / CBF1000 06-10

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



ITEM	DESCRIPTION	D	QTY
1	SOCKET SCREW M6 X 12	57	6
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5	WASHER M6 FORM C (LARGE)	21	10
6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-D104 DUCATI 1199 PANIGALE 12-15 / 899 PANIGALE 14-15

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



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6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-D103 DUCATI 1098 / 848 / 1198 / STREETFIGHTER 848 / STREETFIGHTER 1098

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



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6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-D102 DUCATI 998 / 996 / 916 / 748 / 1000DS / 900SSI / 800SS / 620 SPORT

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



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4	WASHER M6 FORM A (SMALL)	20	4
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6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-B102 BMW R1200GS 13-15 / R1200GS ADVENTURE 14-15

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



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6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



CARBON MUDGUARDS

200-B101 BMW S1000RR 10-15 / S1000R 14-15

Powerbronze Carbon Front Mudguards should not require any additional drilling to mount them.

We have supplied a universal kit of additional fixings, however the original manufacturers fixings can be used in most cases.

It may be necessary to drill out small rivets securing brake line retaining clips, which can be re mounted using the M4 screws, nuts and washers supplied. Be careful to protect the tyre if drilling out rivets on a mudguard. Make sure the new Carbon Mudguard is secure with no movement at the mounting points.

Make sure there is adequate clearance (the same as with the original mudguard) between the tyre, brake line clips, brake discs and all fixings used and you're Carbon Mudguard. Also check clearance when compressing front suspension. (You will need two people for this.)

Fit supplied trim around front edge of mudguard



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4	WASHER M6 FORM A (SMALL)	20	4
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6	SOCKET SCREW M4 X 8		2
7	NUT M4	114	2
8	WASHER M4 FORM A (SMALL)	112	2
9	POWERBRONZE BUBBLE BADGES SMALL		2
10	WASHER M8 FORM C		4
11	EDGE TRIM		1



202-B101
CHAIN GUARD
BMW S1000RR 10-14 / S1000R 14-15



1. Remove original chain guard and fit new one using the same fixings.

www.powerbronze.co.uk

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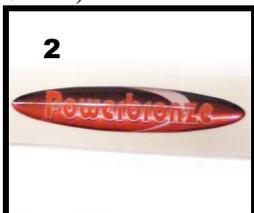
FITTING INSTRUCTIONS
202-Y106 – CHAIN GUARD
YAMAHA MT-09 14 / FZ-09 14/Tracer 15

Qty	Description	Office Use
1	Carbon Fibre Chain Guard	
1	Washer	21B
1	Powerbronze badge (medium)	



Prior to using this product, please refer to our Terms and Conditions on the website.
When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and reassembly of your motorcycle. You will need a set of spanners, sockets, Allan keys & screwdrivers.
Taking a few moments to check the parts list and familiarising yourself with the kit will make fitting easier.
Remember; whenever a part is fixed by using several nuts, bolts or screws they should be left loose until all are in place and then tightened

CONTENTS (NOT TO SCALE)



Loosen right hand wheel nut as shown.
NOTE: A 27mm socket is needed to do this.

Fully loosen chain tensioners on both sides as indicated below. **NOTE: A 12 mm spanner is needed to do this.**



Push front left hand side of rear wheel over as far as possible.



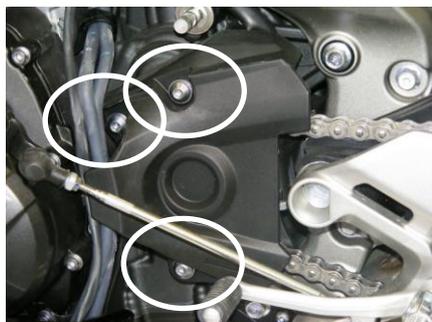
Remove original chain guard by removing fixings as indicated below:



To fit Powerbronze chain guard, remove top bolt from gear linkage and slide off as shown below.



Remove fixings from sprocket cover
And remove from bike



Slide Powerbronze chain guard into position from front of bike.

NOTE: This will be a tight fit.



To secure new part refer to fixing positions A,B and C as per earlier photos.

Fit push fixing as per fixing position A.

Fit front fixing point using original bolt and top hat washer as per fixing position B

To fit rear fixing point, position supplied washer behind original bolt and tighten as per fixing position C.

Refit sprocket cover and gear linkage using fixings removed earlier.

Tighten chain tensioners to centralise rear wheel and correct chain tension.

Tighten rear wheel nut to manufacturers torque setting. **Please refer to the manufacturer's handbook for the correct torque setting. DO NOT EXCEED THIS SETTING.**

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202-Y105
CHAIN GUARD
YAMAHA YZF-R6 06-15



1. Remove original chain guard and fit new one using the same fixings.

www.powerbronze.co.uk

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202-Y104
CHAIN GUARD
YAMAHA FZ-1N / FZ-1 FAZER 06-15



1. Remove original chain guard and fit new one using the same fixings.

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202-Y103
CHAIN GUARD
YAMAHA YZF-R1 02-03



1. Remove original chain guard and fit new one using the same fixings.

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202-Y102
CHAIN GUARD
YAMAHA YZF-R1 98-01



1. Remove original chain guard and fit new one using the same fixings.

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202-Y101
CHAIN GUARD
YAMAHA YZF-R6 03-05



1. Remove original chain guard and fit new one using the same fixings.

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202-T102
CHAIN GUARD
TRIUMPH STREET TRIPLE / STREET TRIPLE R 13-15



1. Remove original chain guard and fit new one using the same fixings.

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202-T101
CHAIN GUARD
TRIUMPH DAYTONA 675 / STREET TRIPLE 07-12 / STREET TRIPLE R 07-12



1. Remove original chain guard and fit new one using the same fixings.

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202-S112
CHAIN GUARD
SUZUKI GSXR600 11-15 / GSXR750 11-15



1. Remove original chain guard and fit new one using the same fixings.

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202-S111
CHAIN GUARD
SUZUKI B-KING 07-12



1. Remove original chain guard and fit new one using the same fixings.

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202-S110
CHAIN GUARD
SUZUKI GSXR1000 07-15



1. Remove original chain guard and fit new one using the same fixings.

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202-S107
CHAIN GUARD
SUZUKI GSXR600 06-10 / GSXR750 06-10



1. Remove original chain guard and fit new one using the same fixings.

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202-S106
CHAIN GUARD
SUZUKI GSXR1000 05-06



1. Remove original chain guard and fit new one using the same fixings.

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202-S105
CHAIN GUARD
SUZUKI GSXR600 04-05 / GSXR750 04-05



1. Remove original chain guard and fit new one using the same fixings.

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202-S104
CHAIN GUARD
SUZUKI GSX1300R HAYABUSA 99-15



1. Remove original chain guard and fit new one using the same fixings.

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202-S103
CHAIN GUARD
SUZUKI GSXR1000 01-04 / GSXR750 00-03



1. Remove original chain guard and fit new one using the same fixings.

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202-S102
CHAIN GUARD
SUZUKI GSF1200 BANDIT 00+ / GSF1250 BANDIT / GSF1250S BANDIT 07-14



1. Remove original chain guard and fit new one using the same fixings.

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202-S101
CHAIN GUARD
SUZUKI GSXR600 96-99 / GSXR600 00-03 / DL1000 V-STROM 02-08 / TL1000S
(UK) TL1000R



1. Remove original chain guard and fit new one using the same fixings.

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202-K114
CHAIN GUARD
KAWASAKI ZX10-R 11-15



1. Remove original chain guard and fit new one using the same fixings.

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202-K113
CHAIN GUARD
KAWASAKI ZX6-R 09-15



1. Remove original chain guard and fit new one using the same fixings.

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202-K112
CHAIN GUARD
KAWASAKI ZX10-R 08-10



1. Remove original chain guard and fit new one using the same fixings.

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202-K111
CHAIN GUARD

KAWASAKI Z1000 07-15 / Z750R 11-12 / Z1000SX 11-15 / VERSYS 1000 12-15



1. Remove original chain guard and fit new one using the same fixings.

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202-K110
CHAIN GUARD
KAWASAKI Z750 07-11 / Z800 13-15



1. Remove original chain guard and fit new one using the same fixings.

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202-K109
CHAIN GUARD
KAWASAKI ER6-F / ER6-N 05-08



1. Remove original chain guard and fit new one using the same fixings.

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202-K108
CHAIN GUARD
KAWASAKI ZX10-R 04-05



1. Remove original chain guard and fit new one using the same fixings.

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202-K104
CHAIN GUARD
KAWASAKI ZX6-R 03-04 / Z750 04-06 / Z1000 03-06



1. Remove original chain guard and fit new one using the same fixings.

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202-K102
CHAIN GUARD
KAWASAKI ZX6-R 05-08



1. Remove original chain guard and fit new one using the same fixings.

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202-H107
CHAIN GUARD
HONDA CB1000R 08-15



1. Remove original chain guard and fit new one using the same fixings.

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202-H106
CHAIN GUARD
HONDA CBR1000RR 08-15



1. Remove original chain guard and fit new one using the same fixings.

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202-H105
CHAIN GUARD
HONDA CB600 HORNET 07-13 / CBR600F 11-13



1. Remove original chain guard and fit new one using the same fixings.

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202-H104
CHAIN GUARD
HONDA CBR900RR 00-03 / VTR1000 SP2 (2 PIECE)



1. Remove original chain guard and fit new one using the same fixings.

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202-H103
CHAIN GUARD
HONDA CBR1000RR 04-07 (2 PIECE)



1. Remove original chain guard and fit new one using the same fixings.

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202-H102
CHAIN GUARD
HONDA CBR600RR 03-15



1. Remove original chain guard and fit new one using the same fixings.

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202-H101
CHAIN GUARD
HONDA CBR900RR 92-99 / VTR1000 SP1 (2 PIECE)



1. Remove original chain guard and fit new one using the same fixings.

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202-D102
CHAIN GUARD
DUCATI 1199 PANIGALE 12-15



1. Remove original chain guard and fit new one using the same fixings.

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202-D101

Chain Guard

Fitting Instructions

Ducati 848/1098/1198 09-12

Qty:	Description:
1	50mm Long x 170 GRIT long dual lock strip
1	50mm long x 400 GRIT long dual lock strip

- 1) Clip the dual lock strips together, remove protective backing off of one side and stick to the original chain guard in the position shown in Fig.1
- 2) Peel off protective backing and push chain guard into position shown in Fig.2



Fig 1.



Fig 2.

NOTE:

Ensure that all surfaces are clean and dust free before attaching the dual lock.
Please allow 24 hours for dual lock adhesive to achieve maximum adhesion.



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300-T106-KIT - HUGGER

Fitting Instructions

TRIUMPH TIGER 1200 EXPLORER 12-15/XC 13-15

Qty:	Description:	Bin:
1	Hugger Shell	
1	Bracket 9003-A0124B	
4	M6 Flange Nuts	17
4	M6 x 20 Socket Head Screws	31
4	Grommets	135
4	Spacers	34
1	Medium Powerbronze Stickers	
2	100 mm lengths of screen trim	
2	18 od x 10.5 id x 18 mm spacers	85
2	M10 x 55 fine pitch cap head bolts	39A



Figure 1. Hugger fitted.

Prior to using this product, please refer to our Terms and Conditions on the website.

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and reassembly of your motorcycle. You will need a set of spanners, sockets, Allan keys & screwdrivers.

A few moments, checking the parts list and familiarising yourself with the kit will make fitting easier. Remember; whenever a part is fixed by using several nuts, bolts or screws they should be left loose until all are in place and then tightened evenly.

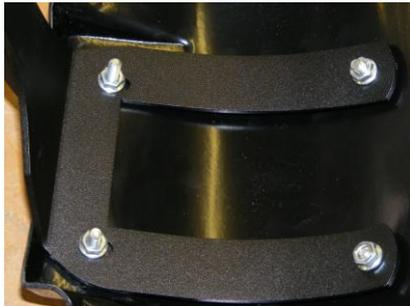


Figure 2.

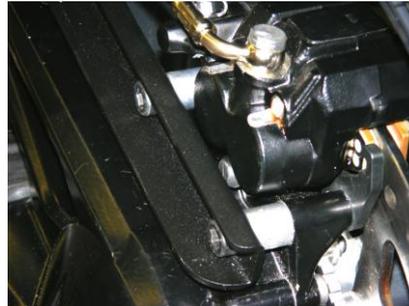


Figure 3.

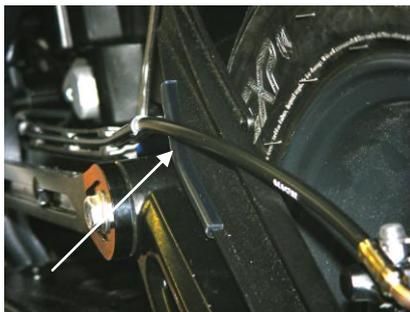


Figure 4

- 1) Remove protective film from hugger.
- 2) Fit 4 grommets into holes on hugger and spacers inside grommets.
- 3) Fix hugger shell to bracket as shown in Fig. 2 using 4 x M6 x 20 socket head screws and 4 x M6 Flange nuts.
- 4) Remove original brake calliper bolts and lift brake calliper from disc for ease of access.
- 5) Ensure hugger bracket is fitted between the brake line and brake calliper. See Fig.4
- 6) Fix assembled hugger and bracket to calliper mounting points using M10 x 55 cap head bolts and 18 mm spacers as shown in Fig.3.
- 7) Adjust fit, check clearances and tighten all fixings.

- 8) Fit edging strips to channel section of bracket to prevent chafing of brake pipe as shown in fig 4.

Always check alignment of rear hugger and mounting bolt tension periodically.

IMPORTANT : ENSURE CORRECT TORQUE SETTINGS ARE USED WHEN RE-TIGHTENING CALLIPER BOLTS. THE RECOMMENDED TORQUE SETTING FOR THIS BOLT IS 68 NM.

MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN HUGGER AND TYRE. THE GAP BETWEEN THE INSIDE FACE OF HUGGER SHELL AND TYRE SHOULD BE APPROXIMATELY 19MM. ALWAYS CHECK ALIGNMENT OF REAR HUGGER AND MOUNTING BOLT TENSION PERIODICALLY.

IMPORTANT NOTE: THIS PARTICULAR HUGGER IS FOR ROAD USE ONLY DUE TO THE UNPREDICTABLE NATURE OF OFF ROAD TERRAIN.

WE STRONGLY ADVISE THAT THIS HUGGER IS NOT USED WITH OVERSIZED TYRES OR TYRES HAVING A LARGER ROLLING DIAMETER THAN STANDARD.



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**FITTING INSTRUCTIONS
201-Y107 HUGGER
YAMAHA MT-07 & FZ-07 14-15
09.05.14**

Item No.	Description	Qty	Office Use
	Hugger Shell	1	
1	Right Hand Bracket	1	9003-A0141Z
2	Rubber Grommet	3	135
3	Spacers	3	34
4	M6x20 Socket Flange Screw	3	31
5	M6 Flange Nuts	1	17

Prior to using this product, please refer to our Terms and Conditions on the website.

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and reassembly of your motorcycle.

Taking a few moments to check the parts list and familiarising yourself with the kit will make fitting easier.

Remember; whenever a part is fixed by using several nuts, bolts or screws they should be left loose until all are in place and then tightened.

Make sure there is enough clearance between the tyre, hugger and bracket.

Always check alignment of rear hugger and mounting bolt tension periodically.

In the event that you do not fix the hugger in compliance with these instructions, we cannot accept responsibility for any damage to your bike. This does not affect your customer statutory rights.

Please refer to manufacturers torque settings when fixing bolts to the swing arm. Spares can be obtained through Powerbronze.

It is recommended that should you be unable to following the instructions/fit the hugger as per these instructions that you contact Powerbronze for assistance.



REQUIRED:

Set of spanners

Screwdrivers

Sockets

Allen Keys

CONTENTS (NOT TO SCALE)



Always check alignment of rear hugger and mounting bolt tension periodically.

Remove original Rear hugger

Remove protective film from hugger (ABS plastic hugger only)

Fit three grommets into holes in the hugger shell

Fit spacers into grommets



Remove brake line bracket



Fit right hand bracket underneath the brake line bracket using original bolt.



Fit hugger to left hand side original brackets using M6x20 socket screws.



Attach hugger to right hand side bracket using 1 M6x20 socket screw and M6 flange nut.

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Always check alignment of rear hugger and mounting bolt tension periodically.



201-Y106-KIT Carbon Fibre/ABS

HUGGER

Fitting Instructions

YAMAHA MT-09 14-15 / FZ-09 14-15/TRACER 15

Qty:	Description:	Bin
3	M6 x 20 Screws	31
2	M6 Nuts	17
2	M6 x 10 Screws	93
3	Rubber Grommets	135
3	Grommet Spacers	34
1	Hugger Shell	
1	Bracket LH A0138Z	
1	Bracket RH A0139Z	
1	Grey Edge Trim - length 480 mm	



Fig 3. Fitted Hugger



Fig 1. A0138Z Bracket



Fig 2. A0139Z Bracket

As a general rule, a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

- 1) Remove original rear hugger from bike.
- 2) Remove protective film from Powerbronze hugger (ABS only).
- 3) Fit rubber trim supplied to edge of hugger to prevent contact with the swing arm.
- 4) Fit grommets into holes on hugger and spacers into grommets.
- 5) Fit bracket A0138Z to Left hand side of the swing arm as shown in Fig 1 using 1x M6x10 socket screw.
- 6) Fit bracket A0139Z to Right hand side of the swing arm as shown in Fig 2 using 1x M6x10 socket screw.
- 7) Fix hugger shell using 1 x M6x20 socket screw to swing arm in front mounting hole.
- 8) Attach hugger to brackets using 1 x M6x20 socket screw and M6 flange nut per bracket.
- 9) Check clearance with the hugger and rear tyre then tighten all fixings.



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Always check alignment of rear hugger and mounting bolt tension periodically.



**YZF1000 R1 2009-2014
201-Y105
HUGGER**

Prior to use of this product, you are recommended to refer to our Terms and Conditions on our website.

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1). Remove chain guard and original mud flap.

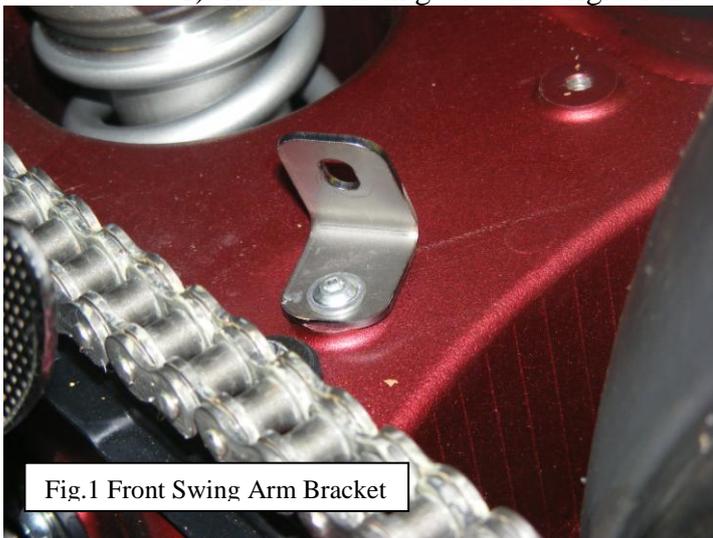


Fig.1 Front Swing Arm Bracket

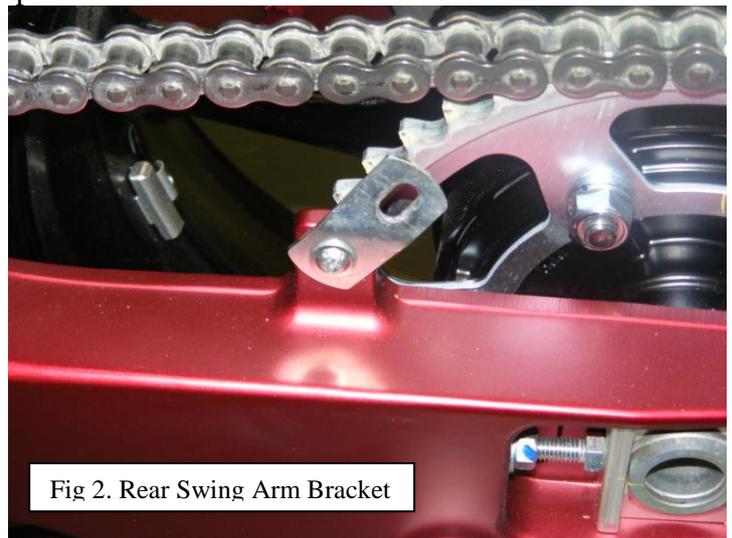


Fig 2. Rear Swing Arm Bracket

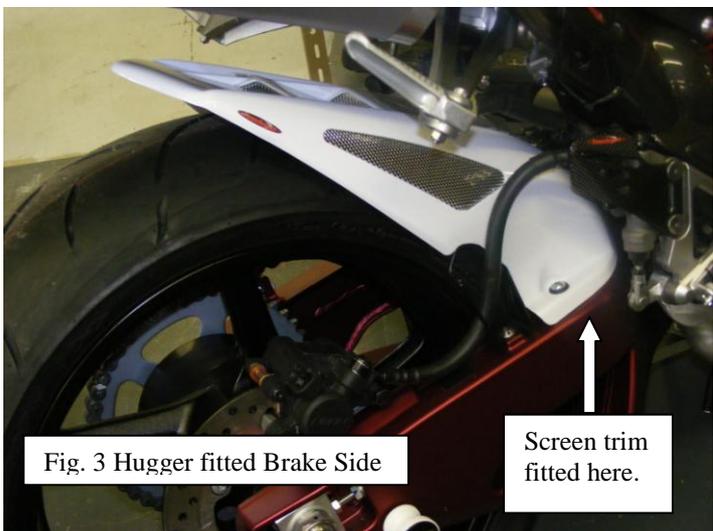


Fig. 3 Hugger fitted Brake Side

Screen trim fitted here.



Fig. 4 Hugger fitted Chain Side



YZF1000 R1 2009-2014
201-Y105
HUGGER

- 2). Remove film on hugger.
- 3). Fit grommets into holes on rear hugger and spacers inside the grommets.
Fit screen trim around base of hugger and cut to length.
- 4). Fit front swing arm bracket using M6 x 20 socket screw supplied as shown in fig 1. Fit rear chain guard bracket using M6 x 12 socket screw and flange nut supplied as shown in fig 2.
- 5). Fit hugger over brackets in figs 1 and 2 and secure with M6 x 20 socket screws and flange nuts supplied. Do not fully tighten at this point. Secure hugger to brake side of swing arm using 2 x M6 x 20 socket screws in original bolt holes. Use M6 spacer washers as shown in fig 3 to align hugger if required.
- 6). Check clearance between hugger bracket and tyre. Adjustments to the hugger can be made by slots in the brackets on the L/H side (see Fig 1&2) and fitting spacer washers on the two R/H side fittings as required, see fig 3. Fully tighten all screws.

MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE, HUGGER AND BRACKET.

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

Parts List

ITEM	DESCRIPTION	PART NO.	BIN	QTY
1	HUGGER SHELL			1
2	FRONT SWING ARM BRACKET	A0115Z		1
3	REAR SWING ARM BRACKET	A0085Z		1
4	M6 X 20 SOCKET SCREW	F006	31	5
5	M6 X 12 SOCKET SCREW		57	1
6	M6 FLANGE NUT	F015	17	3
7	M6 SPACER WASHER	FORM B	21	8
8	SPACER	F036	34	4
9	CUSHION GROMMET	F029	135	4
10	SCREEN TRIM	400MM		1



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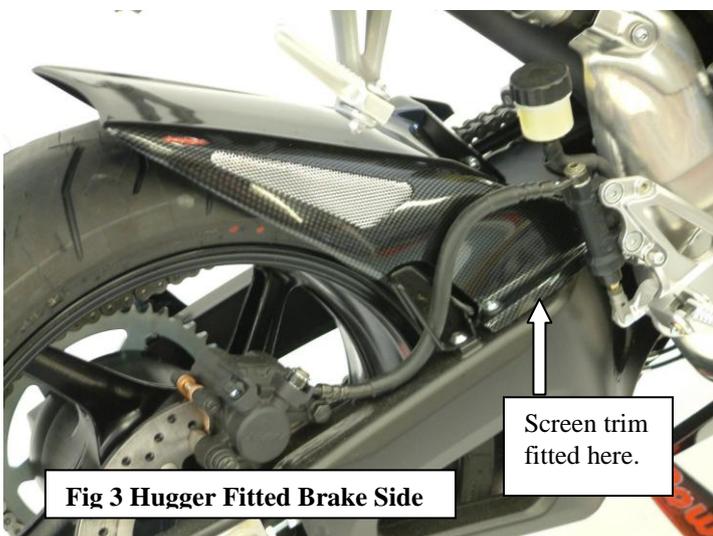
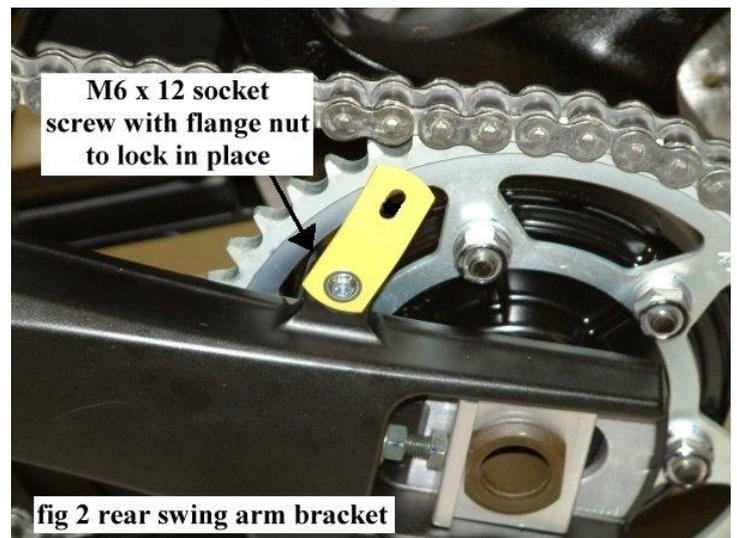
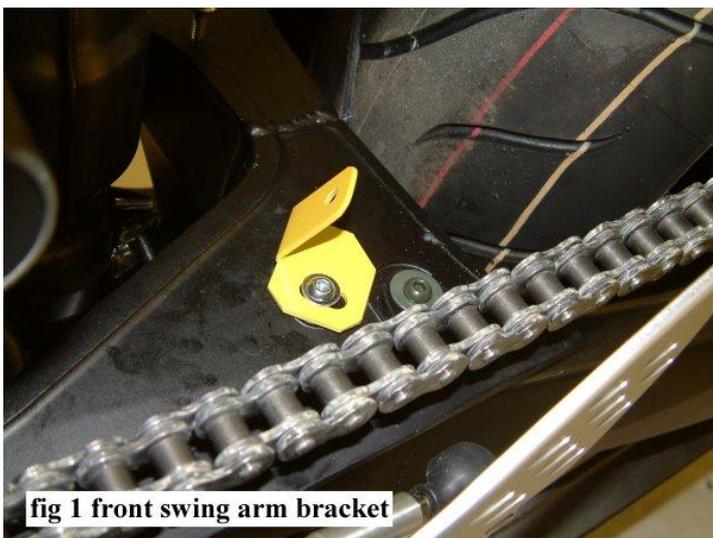


YZF1000 R1 2007-08
201-Y104
HUGGER

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

- 1). Remove chain guard and original mud flap.





YZF1000 R1 2007-08
201-Y104
HUGGER

- 2). Remove film on hugger.
- 3). Fit grommets into holes on rear hugger and spacers inside the grommets.
Fit screen trim to right hand side of hugger and cut to length.
- 4). Fit front swing arm bracket using M6 x 20 socket screw and flange nut supplied as shown in fig 1. Fit rear chain guard bracket using M6 x 12 socket screw and flange nut supplied as shown in fig 2.
- 5). Fit hugger over brackets in figs 1 and 2 and secure with M6 x 20 socket screws and flange nuts supplied. Secure hugger to brake side of swing arm using original M6 x 20 socket screws removed at point 1. Use M6 spacer washers as shown in fig 3 to align hugger if required.
- 6). Check clearance between hugger bracket and tyre. Adjustments to the hugger can be made by slots in the brackets and fitting spacer washers as required see fig 3.

MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE, HUGGER AND BRACKET.

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

Parts List

ITEM	DESCRIPTION	PART NO.	BIN	QTY
1	HUGGER SHELL			1
2	FRONT SWING ARM BRACKET	A0062Z		1
3	REAR SWING ARM BRACKET	A0085Z		1
4	M6 X 20 SOCKET SCREW	F006	31	3
5	M6 X 12 SOCKET SCREW		57	1
6	M6 FLANGE NUT	F015	17	2
7	M6 SPACER WASHER	FORM B	21	3
8	SPACER	F036	34	4
9	CUSHION GROMMET	F029	135	4
10	SCREEN TRIM	150MM		1



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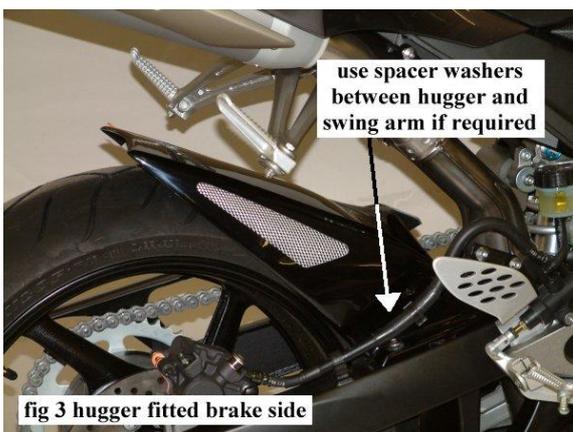
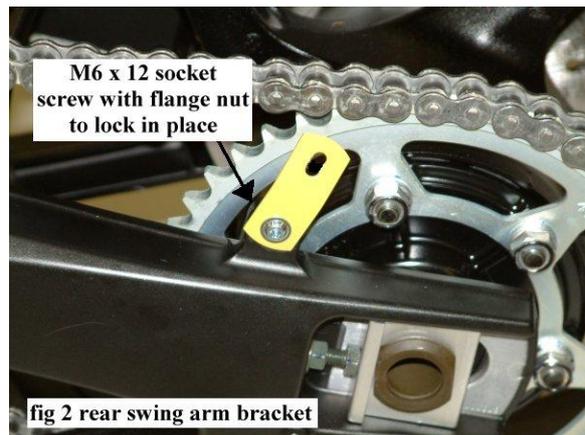
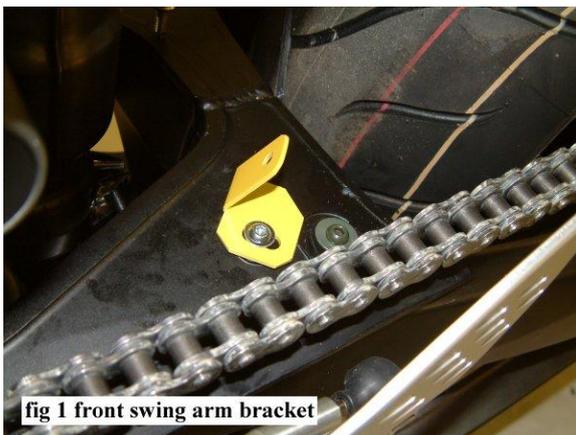


201-Y103-KIT(C/FIBRE/ABS)
YZF1000 R1 04-06
HUGGER

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1). Release brake line retaining clip on R/H side of original mud flap. Remove chain guard and original mud flap.



2). Remove film on hugger.

3). Fit grommets into holes on rear hugger and spacers inside the grommets.

4). Fit front swing arm bracket A0062Z using M6 x 20 socket screw and flange nut supplied as shown in fig 1. Fit rear chain guard bracket A0061Z using M6 x 12 socket screw and flange nut supplied as shown in fig 2.

5). Fit hugger over brackets in figs 1 and 2 and secure with M6 x 20 socket screws and flange nuts supplied. Secure hugger to brake side of swing arm using original M6 x 20 socket screws removed at point 1. Use M6 spacer washers as shown in fig 3 to align hugger if required.

6). Refit brake line retaining clip to hole in R/H side of hugger

7). Check clearance between hugger bracket and tyre. Adjustments to the hugger can be made by slots in the brackets and fitting spacer washers as required see fig 3.

MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE, HUGGER AND BRACKET.

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

Parts List

ITEM	DESCRIPTION	PART NO.	BIN	QTY
1	HUGGER SHELL			1
2	FRONT SWING ARM BRACKET	A0062Z		1
3	REAR SWING ARM BRACKET	A0061Z		1
4	M6 X 20 SOCKET SCREW	F006	31	3
5	M6 X 12 SOCKET SCREW		57	1
6	M6 FLANGE NUT	F015	17	4
7	M6 SPACER WASHER	FORM B	21	3
8	SPACER	F036	34	4
9	CUSHION GROMMET	F029	135	4



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201-Y102-KIT(CARBON FIBRE/ABS) YZF-R6 06-14 HUGGER

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1). Remove the original hugger from the swinging arm by removing the three fixing bolts and brake hose guide attached to right hand side of original hugger.

2). Remove film on rear hugger.

3). Fit grommets into holes on rear Hugger and spacers inside the grommets.

4). Fit the hugger onto the swinging arm using the M6X25 socket screws supplied. Re fit the brake hose guide to hugger.

5). Check clearance between hugger and tyre.



MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE & HUGGER.

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

Parts List

ITEM	DESCRIPTION	PART NO.	D	QTY
1	HUGGER SHELL	R6/06		1
2	SPACER	F036	34	3
3	CUSHION GROMMET	F029		3
4	M6X25 SOCKET SCREW	032		3



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**201-Y101-KIT(CARBON FIBRE) / 301-Y102-KIT(ABS)
YZF1000 R1 2002-03
HUGGER**

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

- 1). Remove the original hugger from the swinging arm by removing the three fixing bolts.
- 2). Remove film on rear hugger.
- 3). Fit grommets into holes on rear hugger and spacers inside the grommets.
- 4). Fit the hugger onto the swinging arm using the M6 x 25 socket screws supplied.
- 5). Check clearance between hugger and tyre.



MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE & HUGGER.

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

Parts List

ITEM	DESCRIPTION	PART NO.	D	QTY
1	HUGGER SHELL	R1 02-03		1
2	SPACER	F036	34	3
3	CUSHION GROMMET	F029		3
4	SOCKET SCREW M6 X 25	F007	32	3



**201-S114-KIT (Carbon/ABS)
MESH HUGGER
SUZUKI GSXR600 11-14/GSXR750 11-14**

Qty:	Description:	Bin:
2	M6 Small Washer	20
3	M6 x 20 Screws	31
1	500mm Edge Trim	
2	M6 Nuts	17
2	M6 x 10 Bolts	25
3	Rubber Grommets	135
3	Grommet Spacers	34
1	Hugger Shell	
1	L/H Bracket A0100Z	
1	R/H Bracket A0101Z	
1	Powerbronze bubble sticker - small	

As a general rule, a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

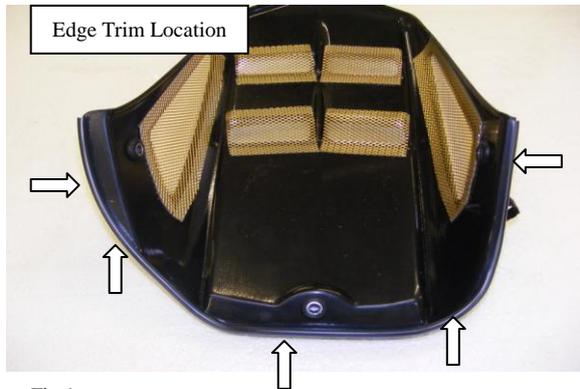
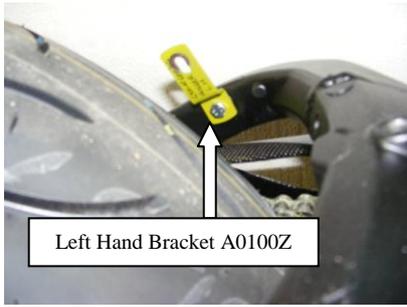


Fig 1.

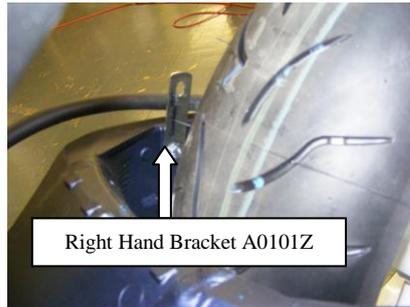


Fig 2.

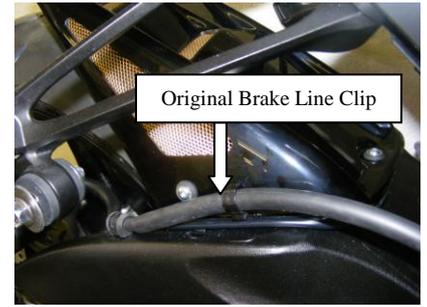
- 1) Remove protective film from hugger.
- 2) Fit grommets into holes on hugger and spacers into grommets.
- 3) Cut edge trim to length and place around edge of hugger. Fig.1
- 4) To remove existing Suzuki rear hugger you will have to remove rear wheel. (Refer to owner's manual for instructions on removing the wheel).
- 5) Remove the three bolts holding Suzuki rear hugger to bike. These will not be reused.
- 6) Fit Bracket A0100Z to left hand side of swing arm as shown in fig. 3 using M6 x 10 bolt & small washer.
- 7) Fit Bracket A0101Z to right hand side of swing arm as shown in fig 4 using M6 x 10 bolt & small washer.
- 8) Slide the hugger over rear wheel and line up holes with brackets. Use three **M6 x 20** Screws 2 of which are fixed using flange nuts onto the brackets, the third fits directly into the swing arm. . Remove brake line retainer from original hugger and place onto powerbronze hugger in hole provided. Fig.5
- 9) Refit rear road wheel referring to owner's manual for instructions.
- 10) Check clearance between the hugger and rear tyre then fully tighten all fasteners.



Left Hand Bracket A0100Z



Right Hand Bracket A0101Z



Original Brake Line Clip

Fig 3.

Fig 4.

Fig 5.

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**201-S113-KIT (Carbon/ABS)
MESH HUGGER
SUZUKI GSX-R1000 09-15**

Qty:	Description:	Bin:
3	M6 x 20 Screws	31
1	500mm Edge Trim	
2	M6 Nuts	17
2	M6 x 10 Bolts	25
3	Rubber Grommets	135
3	Grommet Spacers	34
1	Hugger Shell	
1	L/H Bracket A0100Z	
1	R/H Bracket A0064Z	

As a general rule, a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

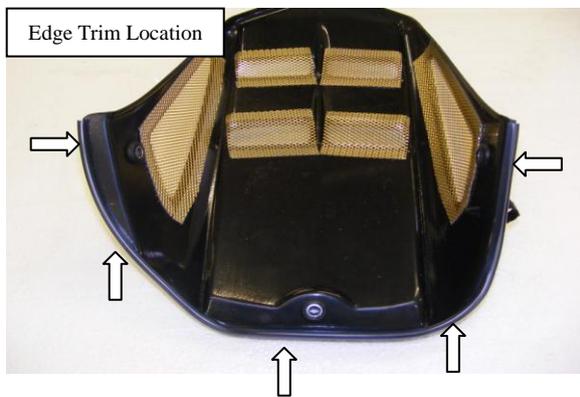


Fig 1.



Fig 2.

- 1) Remove protective film from hugger.
- 2) Fit grommets into holes on hugger and spacers into grommets.
- 3) Cut edge trim to length and place around edge of hugger. Fig.1
- 4) Fit bracket to left hand side as shown in fig.3 using **M6 x 10** bolt into left side of swing arm.
- 5) Fit bracket to right hand side as shown in fig.4 using **M6 x 10** bolt into right side of swing arm.
- 6) When mounting bracket on right hand side, line up slots on bracket with hugger placed in position. Move hugger away and then tighten bracket to swing arm bolt.
- 7) Slide the hugger over rear wheel and line up holes with brackets. Use three **M6 x 20** Screws 2 of which are fixed using flange nuts onto the brackets, the third fits directly into the swing arm. . Remove brake line retainer from original hugger and place onto powerbronze hugger in hole provided. Fig.5
- 8) Check clearance between the hugger and rear tyre then tighten all fasteners.



Fig 3.



Fig 4.



Fig 5.



201-S112

Fitting Instructions

HUGGER - GSX1300R HAYABUSA 08-15

QTY	DESCRIPTION	D
1	Rear Hugger	
4	M6 x 25 Socket Screw	32
4	Grommets	135
4	Spacers	34
3	Rubber Strips (110MM Long)	
2	Rubber Strips (100MM Long)	
4	M6 Flange Nuts	17
1	Bracket A0065B - RH	A0065B
1	Bracket – A0057B LH	A0057B
1	Bracket A0067B - RH	A0067B
1	Bracket A0066B - LH	A0066B
1	Medium Bubble Sticker	



As a general rule a few moments checking the parts list and familiarising yourself with the kit, will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

To make the fitting of this product easier we recommend removing the rear road wheel, although hugger can still be fitted if this is not possible.

1. Remove protective film on hugger.
2. Fit grommets into holes on hugger then place spacers inside these.
3. Place Left Hand 2 piece folded brackets together and insert rubber strips inside (1 x **Long Rubber Strip** outer and 1 x **Short Rubber Strip** inner). Bend bracket open to allow clearance over swing arm tube. See Fig.3 & 4
4. Using Hugger shell to check placement place brackets in approx position and close by hand around swing arm. See Fig.2
5. Place Right Hand 2 piece straight bracket together and insert 1 x **Long Rubber Strip** inside. Bend bracket open to allow clearance over swing arm tube. See Fig.5
6. Using Hugger shell to check placement place bracket in approx position and close by hand around swing arm. See Fig.4
7. Remove bolt from original brake line clip, Insert Bracket Under clip and secure using original bolt. See Fig.4
8. Starting from Right Hand Rear Position and working anti-clockwise attach hugger to brackets using 1 x **M6 x 25** Socket Screw and 1 x **M6** Flange Nut in each location.
9. If removed refit road wheel then align hugger on bike checking clearance with tyre. When satisfied with the fit tighten all fixings.

Important: When replacing original bolts always check the manufacturers handbook for torque settings. Always check alignment of rear hugger and mounting bolt tension periodically.



Fig.1 (A0067B)



Fig.2



Fig.3 Left Hand Rear Bracket (A0066B)



Fig.4 Left Hand Front Bracket (A0057B)

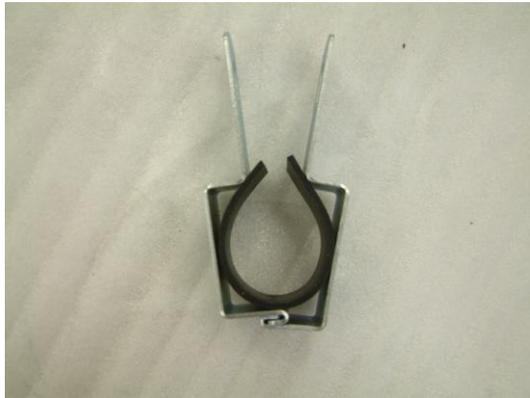


Fig.5 Right Hand Front Bracket (A0065B)



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201-S108-KIT Carbon Fibre/ABS HUGGER

Fitting Instructions

SUZUKI GSXR1000 05-08

Qty:	Description:	Bin
3	M6 x 20 Screws	31
3	M6 Washers	20
2	M6 Nuts	17
2	M6 x 10 Bolts	25
3	Rubber Grommets	135
3	Grommet Spacers	34
1	Hugger Shell	
1	Bracket LH A0063Z	BKT2
1	Bracket RH A0064Z	BKT3



Fig 3. Fitted Hugger



Fig 1. A0063Z Bracket



Fig 2. A0064Z Bracket

As a general rule, a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

- 1) Remove protective film from hugger.
- 2) Fit grommets into holes on hugger and spacers into grommets.
- 3) Fit bracket A0063Z to left hand side as shown in fig. 1 using **M6 x 10** bolt into left side of swing arm.
- 4) Fit bracket A0064Z to right hand side as shown in fig. 2 using **M6 x 10** bolt into right side of swing arm.
- 5) When mounting bracket on right hand side, line up slots on bracket with hugger placed in position. Move hugger away and then tighten bracket to swing arm bolt.
- 6) Slide the hugger over rear wheel and line up holes with brackets. Use three **M6 x 20** Screws 2 of which are fixed using flange nuts onto the brackets, the third fits directly into the swing arm
- 7) Check clearance with the hugger and rear tyre then tighten all fasteners



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201-S107-KIT (Carbon/ABS) MESH HUGGER

Fitting Instructions

SUZUKI B-KING 07-12

Qty:	Description:	Bin
3	M6 x 20 Screws	31
3	M6 Washers	20
2	M6 Nuts	17
2	M6 x 10 Bolts	25
3	Rubber Grommets	135
3	Grommet Spacers	34
1	Hugger Shell	
1	Bracket A0064Z	A0064Z
1	Bracket A0102Z	A0102Z



Fig 1.

Fig 2.

As a general rule, a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

- 1) Remove protective film from hugger.
- 2) Fit grommets into holes on hugger and spacers into grommets.
- 3) Fit bracket A0102Z to left hand side as shown in fig. 1 using **M6 x 10** bolt into left side of swing arm.
- 4) Fit bracket A0064Z to right hand side as shown in fig. 2 using **M6 x 10** bolt into right side of swing arm.
- 5) When mounting bracket on right hand side, line up slots on bracket with hugger placed in position. Move hugger away and then tighten bracket to swing arm bolt.
- 6) Slide the hugger over rear wheel and line up holes with brackets. Use three **M6 x 20** Screws 2 of which are fixed using flange nuts onto the brackets, the third fits directly into the swing arm
- 6) Check clearance between the hugger and rear tyre then tighten all fasteners.

Always check alignment of rear hugger and mounting bolt tension periodically.

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201-S106-KIT (CARBON FIBRE/ABS) GSX1300R 99-07 Hayabusa Hugger Fitting Instructions

ITEM	DESCRIPTION	BIN	QTY
1	REAR HUGGER		1
2	M6 x 20 SOCKET SCREW	31	2
3	GROMMETS	135	4
4	SPACERS	34	4
5	BLACK RUBBER STRIP (110MM LONG)		4
6	M6 FLANGE NUTS	17	4
7	MOUNTING BRACKET (A0065Z)	A0065Z	4
8	M6 x 25 SOCKET SCREW	32	2

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

- 1) Remove protective film on hugger.
- 2) Fit grommets into holes on hugger and spacers into grommets.
- 3) Fit rubber strips to the inside of smaller 'U' brackets supplied to protect the aluminium swing arm.
- 4) Fit smaller 'U' brackets supplied as shown in fig 3.
- 5) Slide the hugger over rear wheel and line up bracket holes.
- 6) Slide larger 'U' shape brackets onto swing arm and position brackets together.
- 7) Fit Hugger using 2 M6 x 25 screws in forward two holes. Repeat using M6 x 20 in rear two holes.
- 8) Check clearance with the hugger and rear tyre then tighten all fasteners.

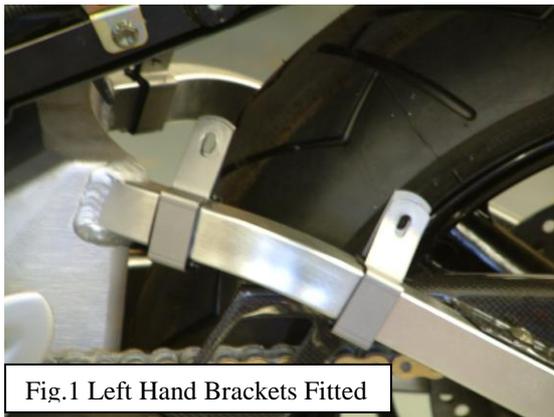


Fig.1 Left Hand Brackets Fitted

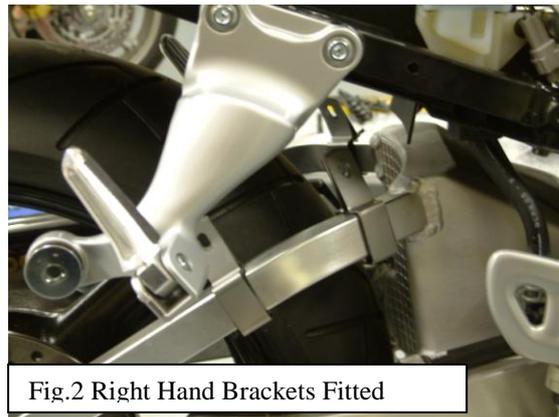


Fig.2 Right Hand Brackets Fitted

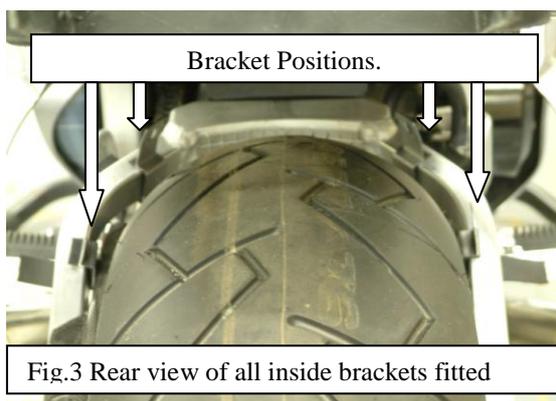


Fig.3 Rear view of all inside brackets fitted



Fig.4 Hugger Fitted

REMEMBER TO TIGHTEN ALL FASTENERS AND CHECK CLEARANCE WITH TYRE.



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201-S105-KIT (CARBON FIBRE/ABS)

MESH HUGGER

Fitting Instructions **SUZUKI GSXR 600 06-10 / GSXR750 06-10**

Qty:	Description:	Bin:
1	L/H Bracket A0100Z	A0100Z
1	R/H Bracket A0101Z	A0101Z
2	M6x10 Hex Head bolt	25
2	M6 Small Washer	20
3	M6x20 Socket Screw	31
2	M6 Flange Nut	17
3	Grommets	135
3	Spacers	34

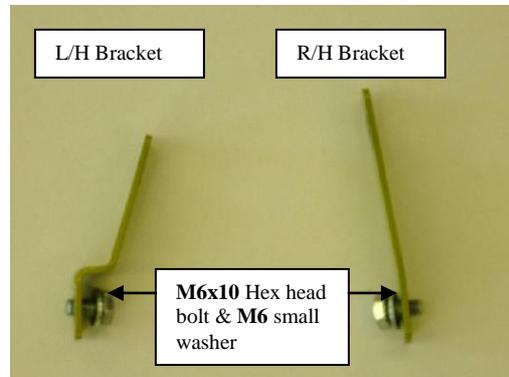


Fig.1. Brackets



Fig. 2. Brackets Fitted



Fig.3. GSXR600/750 06+ Hugger Fitted

As a general rule, a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

- 1) Remove protective film from hugger.
- 2) Fit grommets into holes on hugger and spacers into grommets.
- 3) Fit brackets as shown in fig. 2. (Using **M6 x 10** bolt and small washers) into side of swing arm.
- 4) Slide the hugger over rear wheel and line up holes. Use three **M6 x 20** Socket Screws & flange nuts (supplied) to attach Powerbronze hugger to bracket and centre of swing arm.



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201-S103-KIT (CARBON FIBRE/ABS) GSXR 1000 03-04 MESH HUGGER

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

- 1). Remove protective film on hugger.
- 2). Fit grommets into holes on hugger and spacers into grommets.
- 3). Fit rubber strips to the inside of brackets supplied to protect the aluminium swing arm. See fig 3.
- 4). Fit brackets supplied as shown in figs 1 & 2.

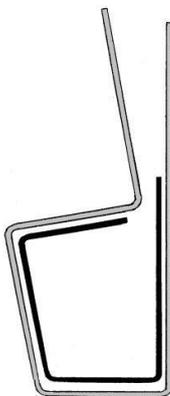
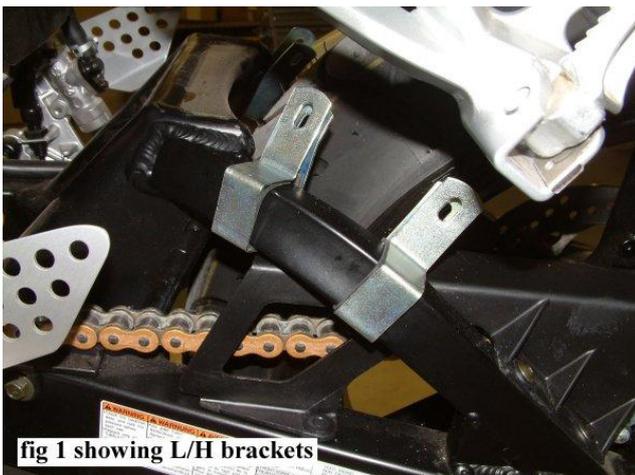
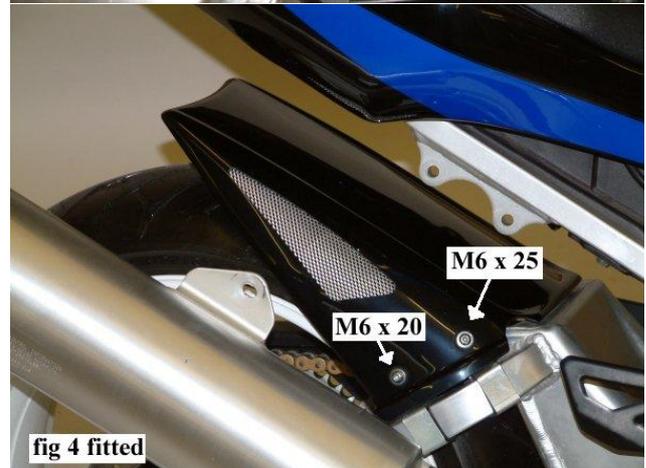


fig 3 showing location of rubber strips in bracket



5). Slide the hugger over rear wheel and line up holes. Use the M6 X 25 socket screws and flange nuts to attach hugger to front brackets. Use M6 X 20 socket screws to attach Hugger to rear brackets. You may need to adjust the angle of the brackets to fit inside the hugger. See fig4.

6). Check clearance with the hugger and rear tyre then tighten all fasteners.

REMEMBER TO TIGHTEN ALL FASTENERS AND CHECK CLEARANCE WITH TYRE.

Parts List

ITEM	DESCRIPTION	BIN	QTY
1	REAR HUGGER		1
2	M6 X 20 SOCKET SCREW	31	2
3	M6 X 25 SOCKET SCREW	32	2
4	GROMMETS	135	4
5	SPACERS	34	4
6	BLACK RUBBER STRIP (100MM LONG)		4
7	M6 FLANGE NUTS	17	4
8	MOUNTING BRACKET (A0049B) BLACK BRKTS		4



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GSXR 750 00-03 GSXR 1000 01-02 201-S102 MESH HUGGER

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

- 1). Remove protective film on hugger.
- 2). Fit grommets into holes on hugger and spacers into grommets.
- 3) Fit rubber strips to the inside of brackets supplied to protect the aluminium swing arm. See fig 3.
- 4). Fit brackets supplied as shown in figs 1 & 2.

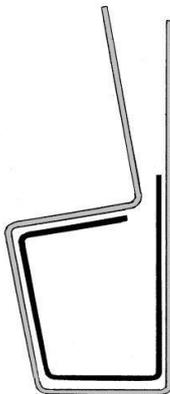
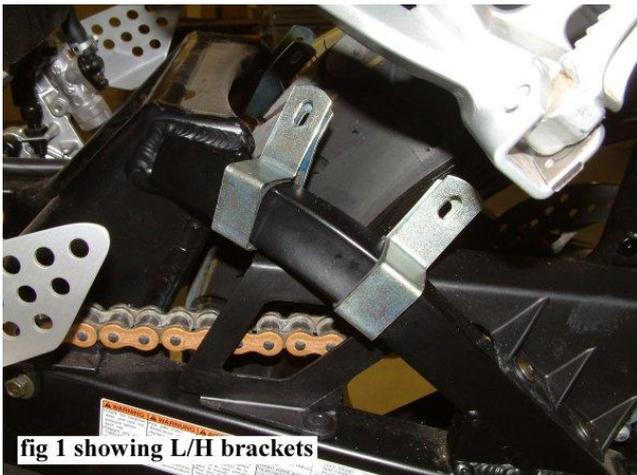
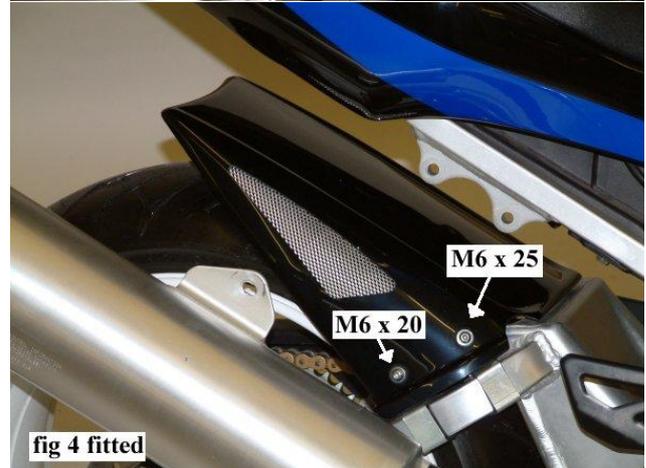


fig 3 showing location of rubber strips in bracket



5). Slide the hugger over rear wheel and line up holes. Use the M6 X 25 socket screws and flange nuts to attach hugger to front brackets. Use M6 X 20 socket screws to attach Hugger to rear brackets. You may need to adjust the angle of the brackets to fit inside the hugger. See fig4.

6). Check clearance with the hugger and rear tyre then tighten all fasteners.

REMEMBER TO TIGHTEN ALL FASTENERS AND CHECK CLEARANCE WITH TYRE.

Parts List

ITEM	DESCRIPTION	PART NO	BIN	QTY
1	REAR HUGGER			1
2	M6 X 20 SOCKET SCREW	F006	31	2
3	M6 X 25 SOCKET SCREW		32	2
4	GROMMETS	F029	135	4
5	SPACERS	F036	34	4
6	BLACK RUBBER STRIP (100MM LONG)			4
7	M6 FLANGE NUTS		17	4
8	MOUNTING BRACKET	A0049Z		4



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**201-S101-KIT(CARBON FIBRE/ABS)
GSXR 600/750 04-05 HUGGER**

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

- 1). Remove protective film on hugger.
- 2). Fit grommets into holes on hugger and spacers into grommets.
- 3) Fit rubber strips to the inside of brackets supplied to protect the aluminium swing arm. See fig 3 & 4.
- 4). Fit brackets supplied as shown in figs 1 & 2.

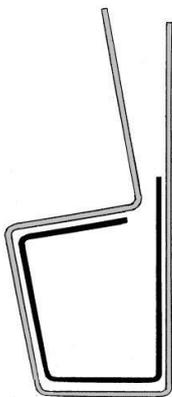
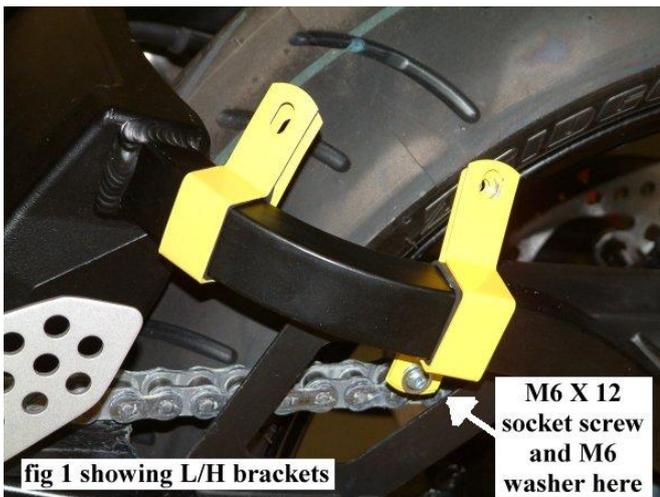


fig 3 showing location of rubber strips in bracket

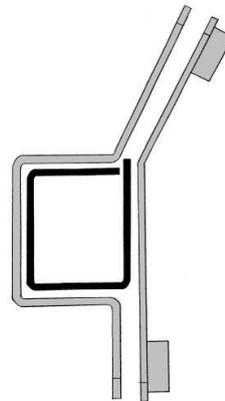


fig 4 showing location of rubber strips in bracket

- 5). Slide the hugger over rear wheel and line up holes. Use the M6 X 20 socket screws and flange nuts where appropriate to attach hugger to brackets.
- 6). Check clearance with the hugger and rear tyre then tighten all fasteners.



REMEMBER TO TIGHTEN ALL FASTENERS AND CHECK CLEARANCE WITH TYRE.

Parts List

ITEM	DESCRIPTION	PART NO	BIN	QTY
1	REAR HUGGER			1
2	M6 X 20 SOCKET SCREW	F006	31	4
3	M6 X 12 SOCKET SCREW		57	1
4	GROMMETS	F029	135	4
5	SPACERS	F036	34	4
6	BLACK RUBBER STRIP (100MM LONG)			2
7	M6 WASHERS SMALL		20	2
8	M6 FLANGE NUTS		17	3
9	MOUNTING BRACKET L/H FRONT	A0049B		1
10	MOUNTING BRACKET L/H REAR INNER	A0113B		1
11	MOUNTING BRACKET L/H REAR OUTER	A0114B		1
12	MOUNTING BRACKET R/H	A0056B		1



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**FITTING INSTRUCTIONS
201-K117-KIT – HUGGER
KAWASAKI Z1000 2014-15
09.01.15**

No.	Qty	Description	Office Use
1	1	Hugger Shell	
2	1	Right Hand Bracket	A0140Z
3	1	Left Hand Bracket	A0096Z
4	4	Rubber Grommet	135
5	4	Spacers	34
6	3	M6x20 Socket Screw	31
7	1	Pipe Clip	88
8	5	M6 Flange Nuts	17
9	2	M6x25 Socket Screw	32
10	1	Spacer 8.5 id x 15 od x 8 lg	83

Prior to using this product, please refer to our Terms and Conditions on the website.

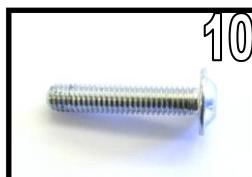
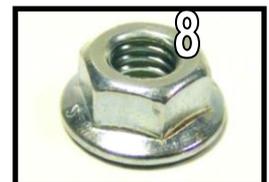
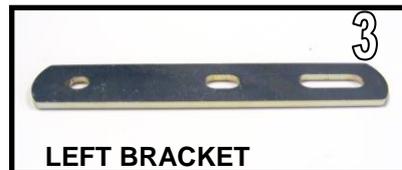
When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and reassembly of your motorcycle.

Taking a few moments to check the parts list and familiarising yourself with the kit will make fitting easier.

Remember; whenever a part is fixed by using several nuts, bolts or screws they should be left loose until all are in place and then tightened



CONTENTS (NOT TO SCALE)

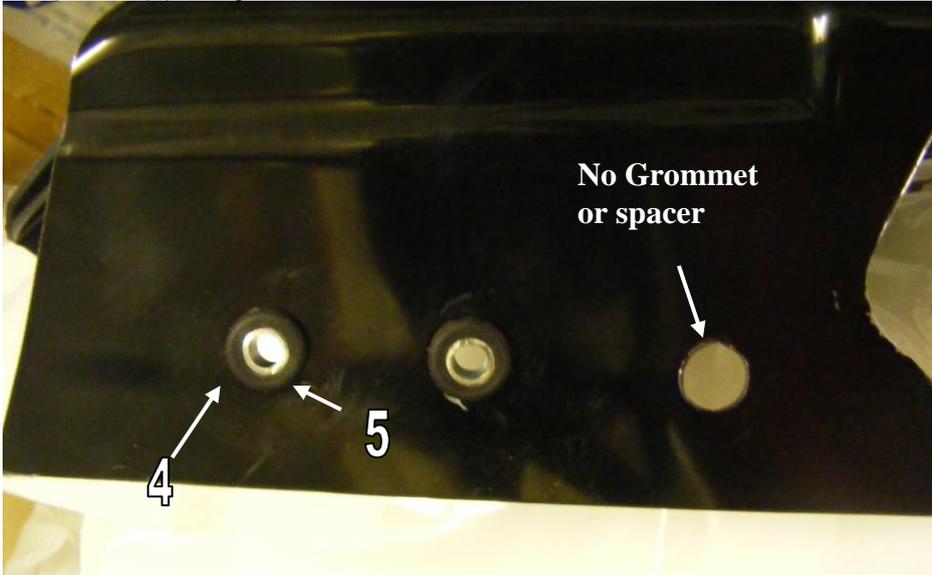


REQUIRED:
Set of spanners
Screwdrivers
Sockets
Allen Keys

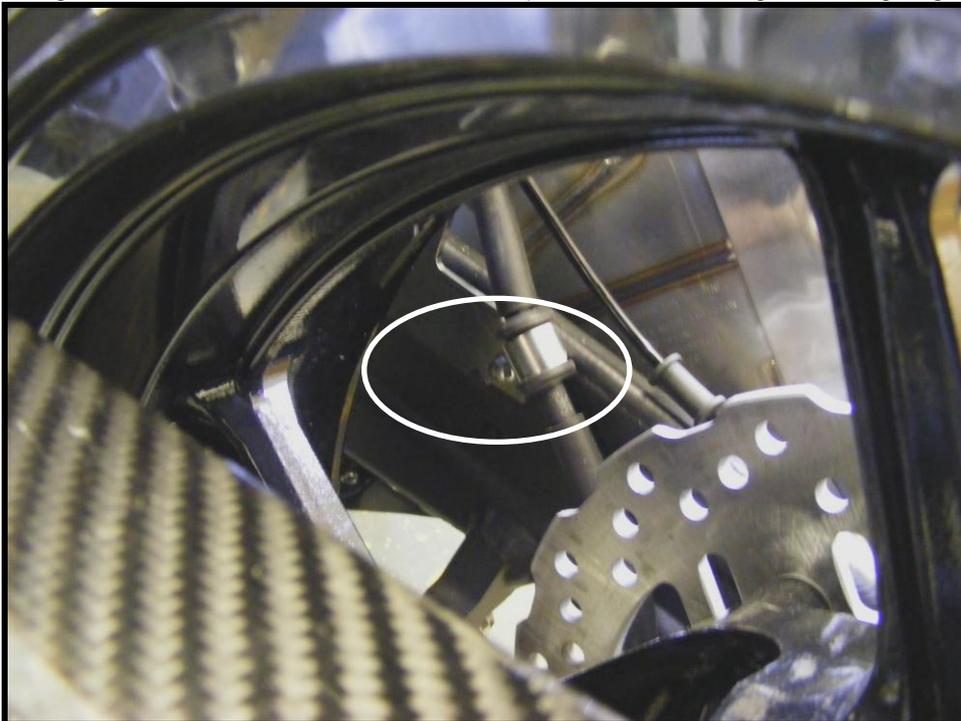
Remove Original Rear hugger
Remove left side exhaust.

Remove right hand rear brake pipe retainer, ensuring original bolt is retained for reuse.

Remove protective film from hugger (ABS plastic hugger only)
Fit four grommets (4) into holes in the hugger shell.
Fit spacers (5) into grommets

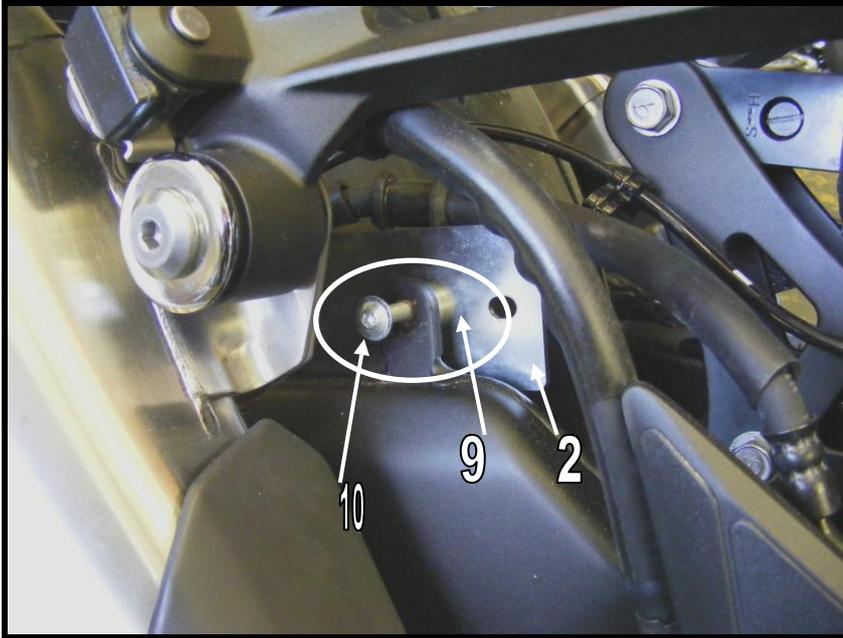


Fit right hand side bracket over brake line clip, on inside of swing arm using original fixing.

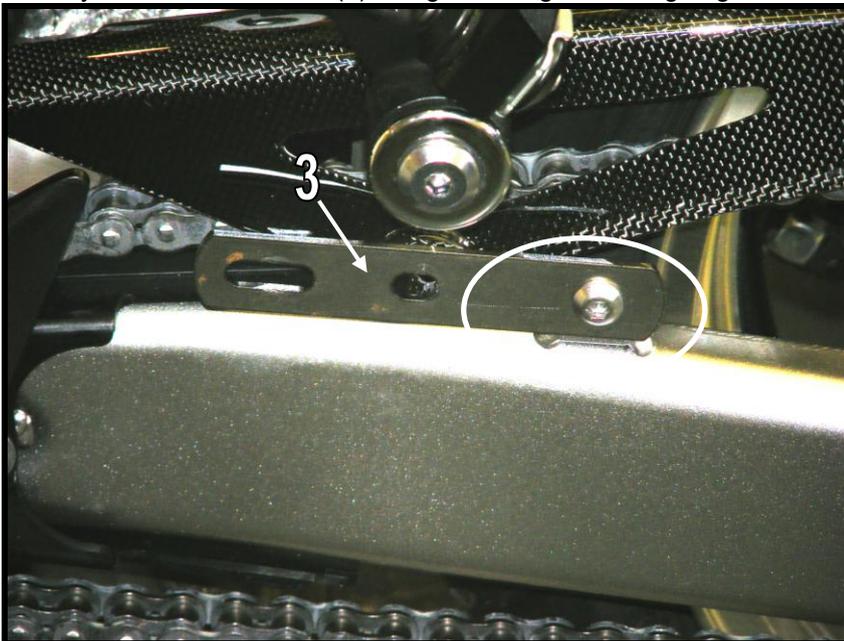


Fit right hand bracket (2) using 1 x M6 x 25-socket screw (10), 1 x spacer (9) and 1 x M6 flange nut (8) to the front fixing lug.

Please Note: spacer locates between lug and bracket.



Loosely fit left hand bracket (3) to lug on swing arm using original bolt.



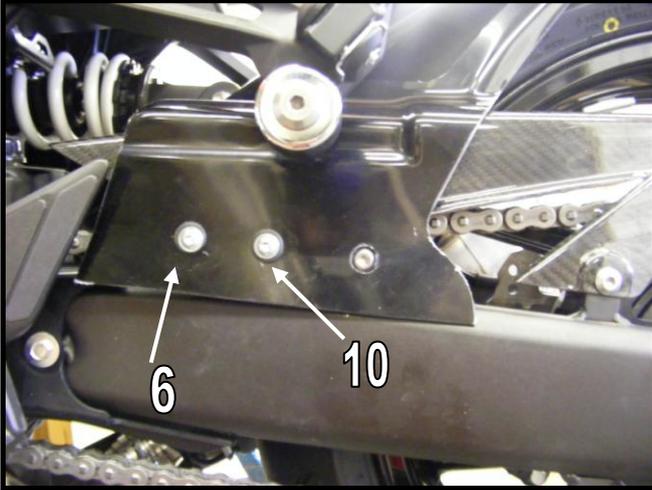
Place hugger onto bike and loosely fit 2 x M6 x 20 socket flange screws (6) and M6 flange nuts (8) on the right hand side of hugger.

Fix left side of hugger using;

1 x M6 x 20-socket screw (6) and nut (8) for front fixing.

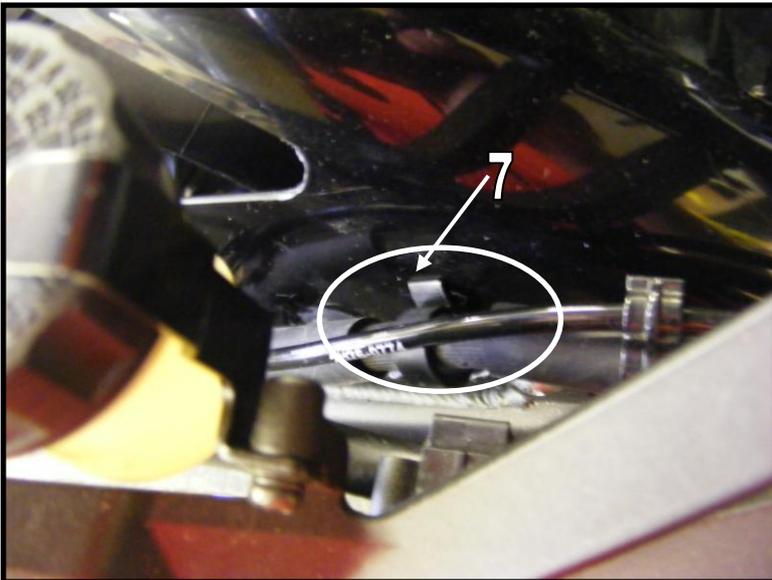
1 x M6 x 25 socket flange screw (10) and nut (8) to the middle hole, which will secure chain guard.

*Rear hole to allow access to bracket fixing. *



Check alignment, and tighten all screws.

Remove rubber sleeve from brake line and attach pipe clip (7) to pipe and then push into hole on right hand side of hugger.



Refit left hand side exhaust.

N.B.

Make sure there is enough clearance between the tyre, hugger and bracket.

Always check alignment of rear hugger and mounting bolt tension periodically.

In the event that you do not fix the hugger in compliance with these instructions, we cannot accept responsibility for any damage to your bike, this does not affect your customer statutory rights.

Please refer to manufacturers torque settings when fixing bolts to the swing arm. Spares can be obtained through Powerbronze.

It is recommended that should you be unable to following the instructions/fit the hugger as per these instructions that you contact Powerbronze for assistance.



FITTING INSTRUCTIONS
201-K117-KIT – HUGGER
KAWASAKI Z1000 14-15 / Z1000SX 14-15
09.01.15

No.	Qty	Description	Office Use
1	1	Hugger Shell	
2	1	Right Hand Bracket	A0140Z
3	1	Left Hand Bracket	A0096Z
4	4	Rubber Grommet	135
5	4	Spacers	34
6	3	M6x20 Socket Screw	31
7	1	Pipe Clip	88
8	5	M6 Flange Nuts	17
9	2	M6x25 Socket Screw	32
10	1	Spacer 8.5 id x 15 od x 8 lg	83

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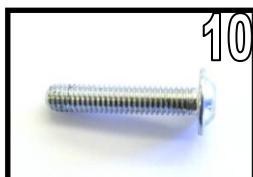
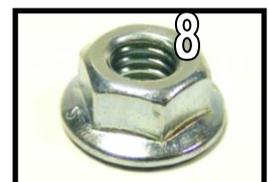
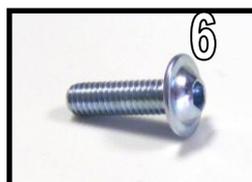
When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and reassembly of your motorcycle.

Taking a few moments to check the parts list and familiarising yourself with the kit will make fitting easier.

Remember; whenever a part is fixed by using several nuts, bolts or screws they should be left loose until all are in place and then tightened



CONTENTS (NOT TO SCALE)



REQUIRED:
Set of spanners
Screwdrivers
Sockets
Allen Keys

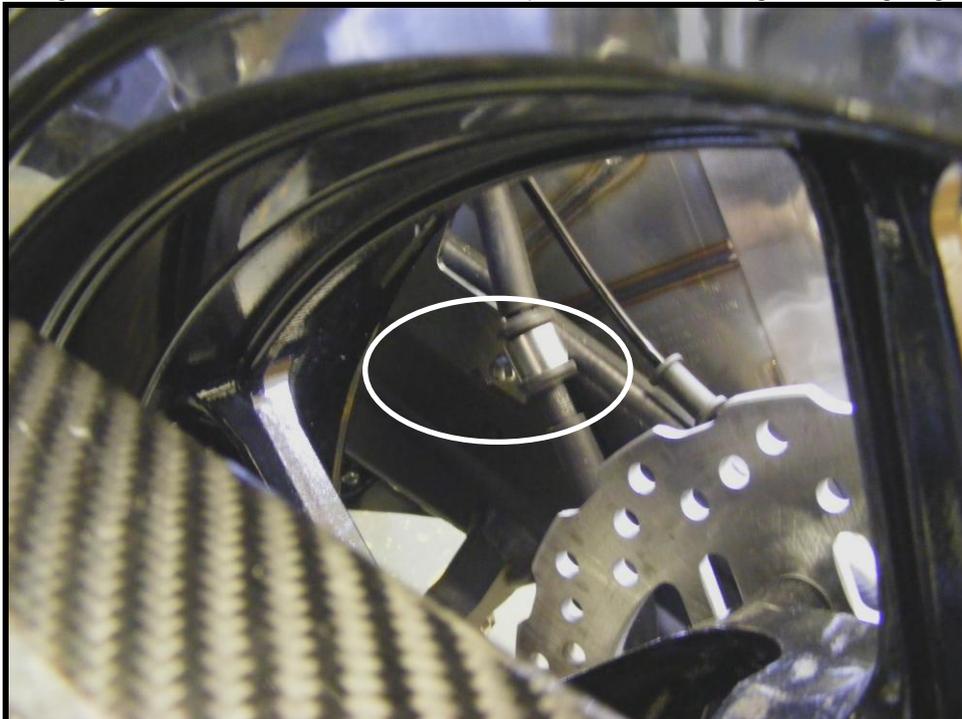
Remove Original Rear hugger
Remove left side exhaust.

Remove right hand rear brake pipe retainer, ensuring original bolt is retained for reuse.

Remove protective film from hugger (ABS plastic hugger only)
Fit four grommets (4) into holes in the hugger shell.
Fit spacers (5) into grommets

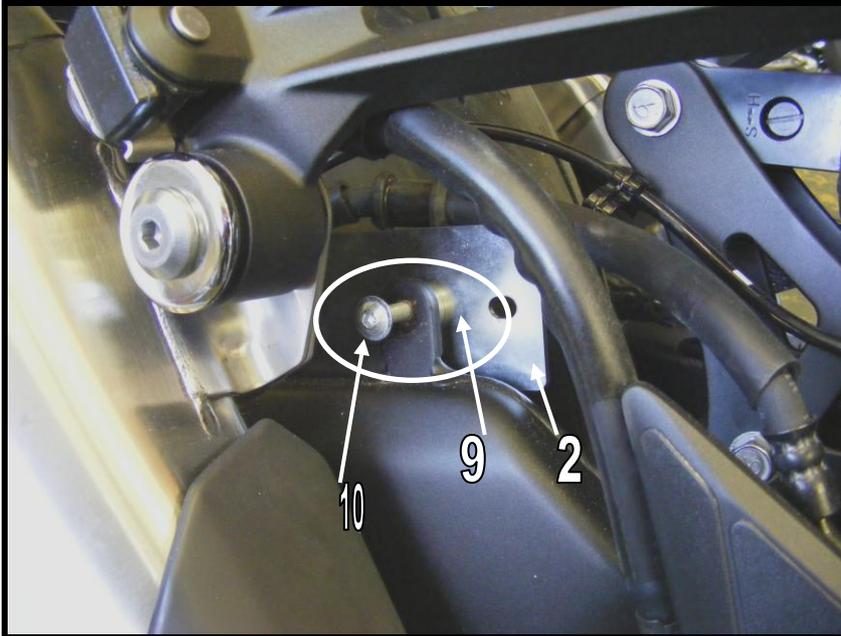


Fit right hand side bracket over brake line clip, on inside of swing arm using original fixing.

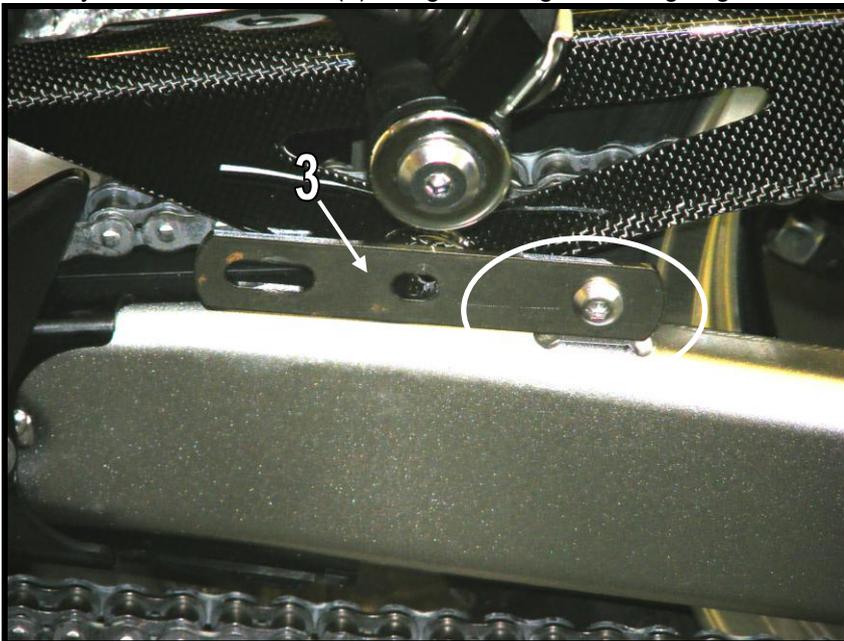


Fit right hand bracket (2) using 1 x M6 x 25-socket screw (10), 1 x spacer (9) and 1 x M6 flange nut (8) to the front fixing lug.

Please Note: spacer locates between lug and bracket.



Loosely fit left hand bracket (3) to lug on swing arm using original bolt.



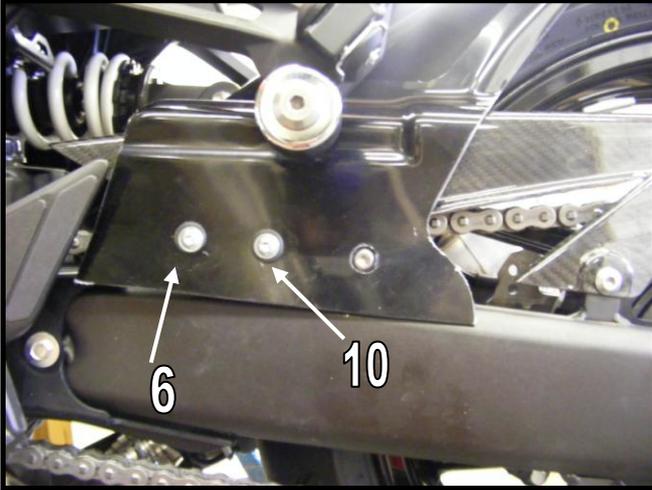
Place hugger onto bike and loosely fit 2 x M6 x 20 socket flange screws (6) and M6 flange nuts (8) on the right hand side of hugger.

Fix left side of hugger using;

1 x M6 x 20-socket screw (6) and nut (8) for front fixing.

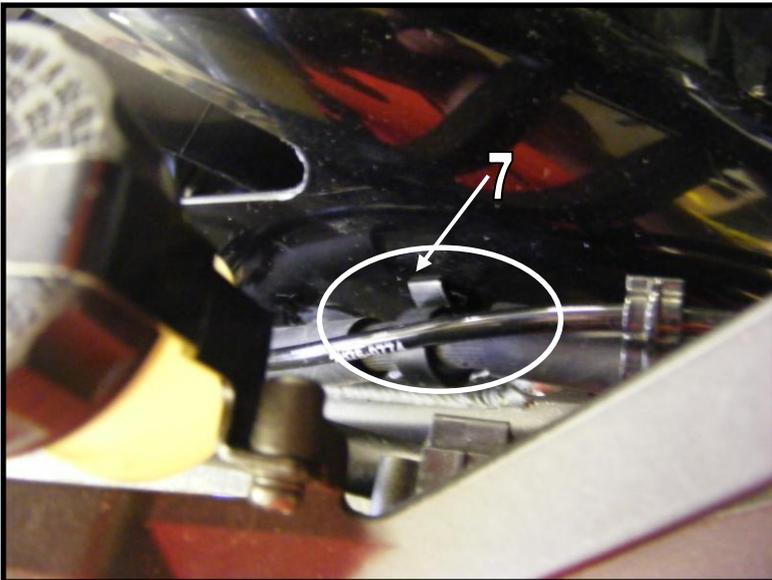
1 x M6 x 25 socket flange screw (10) and nut (8) to the middle hole, which will secure chain guard.

*Rear hole to allow access to bracket fixing. *



Check alignment, and tighten all screws.

Remove rubber sleeve from brake line and attach pipe clip (7) to pipe and then push into hole on right hand side of hugger.



Refit left hand side exhaust.

N.B.

Make sure there is enough clearance between the tyre, hugger and bracket.

Always check alignment of rear hugger and mounting bolt tension periodically.

In the event that you do not fix the hugger in compliance with these instructions, we cannot accept responsibility for any damage to your bike, this does not affect your customer statutory rights.

Please refer to manufacturers torque settings when fixing bolts to the swing arm. Spares can be obtained through Powerbronze.

It is recommended that should you be unable to following the instructions/fit the hugger as per these instructions that you contact Powerbronze for assistance.



**201-K116-KIT (CARBON FIBRE/ABS)
HUGGER Fitting Instructions
KAWASAKI Z800 13-15**

Qty:	Description:	Bin:
1	Hugger Shell	
1	Bracket	9003-A0128B
5	M6x20 Socket screws	31
1	M6 Flange Nuts	17
4	Spacers	34
1	Brake line Clip	88
4	Grommets	135
2	Medium Powerbronze stickers	



Fig.1 Fitted



Fig.2 Brake line clip

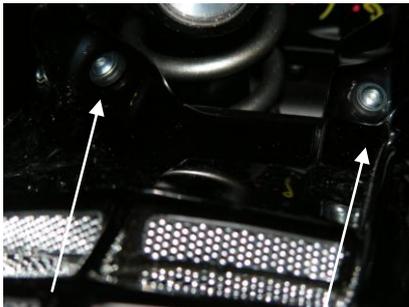


Fig.3



Fig.4

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets & screwdrivers.

As a general rule a few moments checking the parts list and familiarising your self with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1. Remove original rear hugger.
2. Fit bracket to swing arm using 1 x M6 x 20 socket screw. See fig. 2
3. Fit front mounts of hugger first using 2 x M6 x 20 socket screws. See fig. 3
4. Secure hugger to bracket using M6 x 20 socket screw and M6 flange nut.
5. Secure hugger to chain guard using M6 x 20 socket screw. See fig. 4
6. Fit brake line clip around hose and push fit into the existing swing arm hole Fig.2

Make sure there is enough clearance between the tyre, hugger and bracket.

IMPORTANT: Always check alignment of rear hugger and mounting bolt tension periodically.



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**201-K115-KIT (CARBON FIBRE/ABS)
HUGGER Fitting Instructions
KAWASAKI ZZR1400 12-15/ZX-14R 12-15**

Qty:	Description:	Bin:
1	Right Hand Bracket –	
5	M6 x 20 Socket Screw	31
2	M6 Flange Nut	17
1	Pipe Clip	88
4	Rubber Grommet	135
4	Spacer	34
1	Hugger Shell	
1	Large Bubble Sticker	

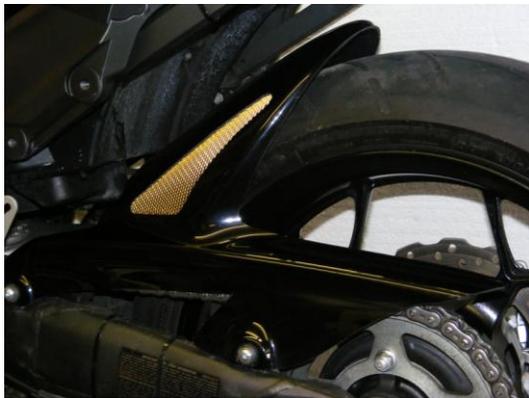


Fig.1 Fitted



Fig.2 Brake Hose Retainer



Fig.3 Right Hand Bracket



Fig.4 Pipe clip attached to hugger bracket

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets & screwdrivers.

As a general rule a few moments checking the parts list and familiarising your self with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1. Remove original chain guard.
2. Remove protective film from hugger shell.
3. Fit rubber grommets and spacers to holes in hugger shell.
4. Using pliers carefully open the loops on the bent wire brake hose retainer on RHS of swing arm to allow the hose to be freed. This retainer needs to be removed to fit the hugger. See Fig. 2.

5. Using M6 x 20 socket screw fix hugger bracket to fixing point left by removing bent wire brake hose retainer. See Fig 3.
6. Fit hugger shell to swing arm using M6 x 20 socket screws into original chain guard mount points on LHS and M6 x 20 socket screws and M6 flange nuts into hugger bracket on RHS.
7. Using the pipe clip fix the brake hose to the rear of the hugger. See fig 4
8. Check all clearances and tighten all fixings.

Make sure there is enough clearance between the tyre, hugger and bracket.

IMPORTANT: Always check alignment of rear hugger and mounting bolt tension periodically.



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201-K114 -KIT

HUGGER

Fitting Instructions

KAWASAKI ZX10-R 11-14

Qty:	Description:	Location
3	M6 x 20 Socket Screws	31
3	Rubber Grommets	135
3	Grommet Inserts	34
1	Brake Pipe Clip	88
1	800 mm Screen trim	
2	Small bubble badges	



Fig.1

Prior to using this product, please refer to our Terms and Conditions on our website.

As a general rule, a few moments checking the parts list and familiarising your self with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

1. Remove Plastic protective film from hugger.
2. Fit 3 x Rubber Grommets into holes on hugger then fit inserts into grommets.
3. Remove original hugger by removing 3 screws. You will also have to carefully make a small cut at the rear (see Fig.2) by way of a small hacksaw or sharp blade to remove hugger from brake line.
4. Attach screen trim to base of hugger.
5. Loosely bolt hugger to swing arm using 3 x M6x20 socket screws into original hugger fixing points.
6. Attach brake pipe clip to brake hose and then attach to hole in side of hugger. See Fig.3
7. Check clearance between hugger and tire and when happy tighten all fixings. Fig.1



Fig.2 Original hugger showing cut

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

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201-K112 Kit

Fitting Instructions Hugger Z1000 2010-13/Z1000SX 11-13

Qty:	Description:	Location
4	Rubber Grommet	135
4	Spacers	34
3	M6x20 Cap Head Screws	31
1	Hugger Shell	
1	Right Hand Bracket	A0060Z
1	Left Hand Bracket	A0096Z
1	Pipe Clip	88
4	M6 Flange Nuts	17
2	M6x25 Cap Head Screws	32
1	Spacer 8.5 id x 15 od x 8 lg	83

- 1) When fitting your Powerbronze hugger, please remember to loosely fit all fixings until complete and you are satisfied that the hugger lines up correctly then tighten.
- 2) Remove Original Rear hugger.
- 3) Remove R/H rear brake pipe retainer, ensuring original bolt is retained for reuse.
- 4) Remove protective film from hugger (ABS plastic only) and fit 4 grommets and spacers into the holes in the hugger shell.
- 5) Fit R/H bracket A0060Z using 1 x M6 x 25 cap head screw, 1 x spacer and 1 x M6 flange nut to the front fixing lug. See fig.1 (Please Note: spacer locates between lug and bracket). Secure rear fixing to inside of swing arm using original fixing. See fig 2.
- 6) Fit L/H bracket A0096Z to lug on swing arm using original fixing bolt as shown in fig 3.
- 7) Place hugger onto bike and loosely fit nuts and bolts, 2 x M6 x 20 cap head screws and nuts on the R/H side of hugger, 1 x M6 x 20 cap head screw and nut on L/H front bolt hole and 1 x M6 x 25 cap head screw to the rear hole which screws directly into chain guard fixing. See fig.4
- 8) Check alignment, and tighten all screws.
- 9) Attach brake pipe clip supplied to pipe and then push into hole on R/H side of hugger.



Fig 1. A0060Z



Fig 2. A0060Z

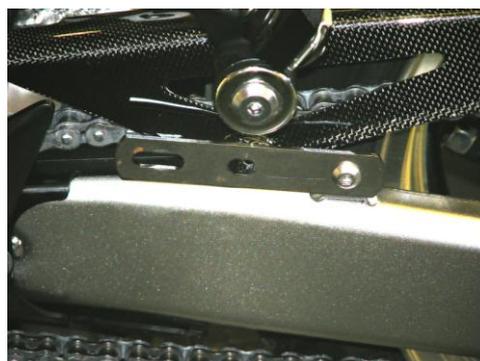


Fig 3. A0096Z

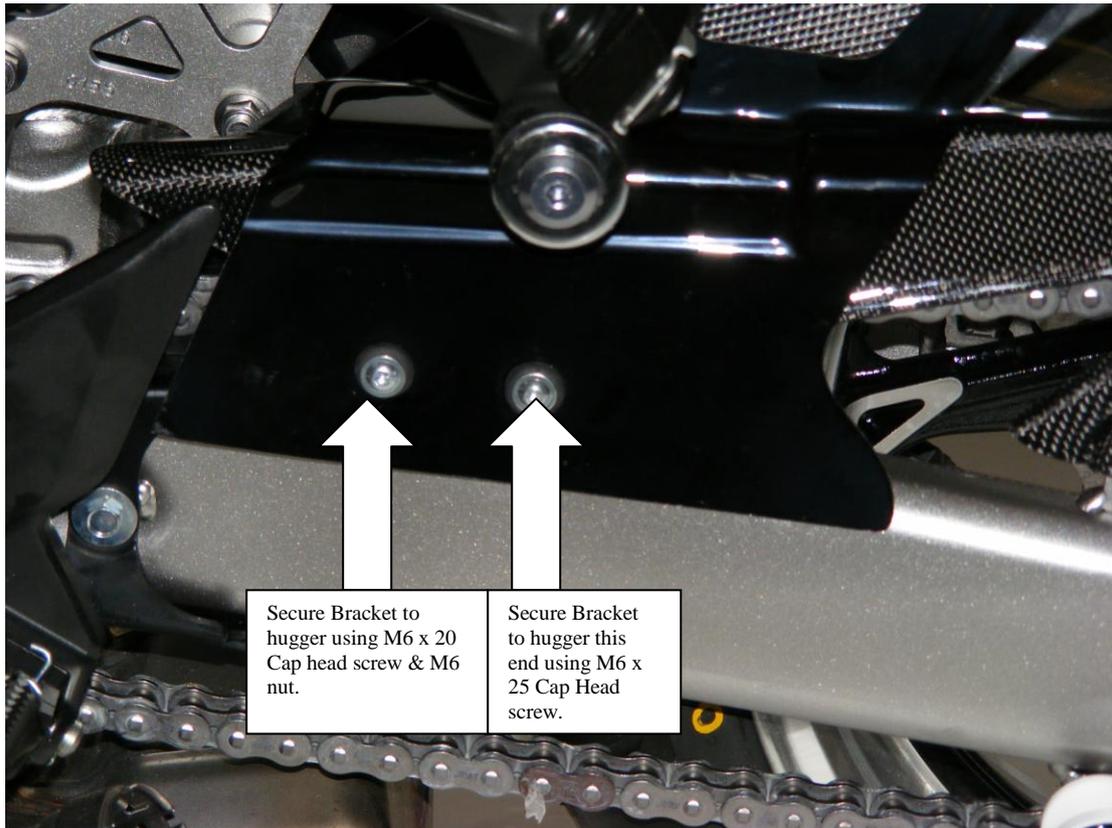


Fig.4

N.B.

Make sure there is enough clearance between the tyre, hugger and bracket.

Always check alignment of rear hugger and mounting bolt tension periodically.

In the event that you do not fix the hugger in compliance with these instructions, we cannot accept responsibility for any damage to your bike, this does not affect your customer statutory rights.

Please refer to manufacturers torque settings when fixing bolts to the swing arm.

Spares can be obtained through Powerbronze.

It is recommended that should you be unable to following the instructions/fit the hugger as per these instructions that you contact Powerbronze for assistance.

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201 - K111
Fitting Instructions
Kawasaki ZX6-R 09
Hugger

Qty:	Description:	Bin:
1	Hugger Shell	
1	450mm Long Edge Trim	
3	Grommets	135
3	Steel Spacers	34
1	M6 X 25 Socket Screws	32
2	M6 X 30 Socket Screws	33
8	M6 Washers - Large	21



Prior to using this product, please refer to our Terms and Conditions on our website.

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and reassembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screw-drivers.

A few moments, checking the parts list and familiarising yourself with the kit will make fitting easier. Remember; whenever a part is fixed by using several nuts, bolts or screws they should be left loose until all are in place and then tightened evenly.

1. Remove original hugger from bike and retain brake line clamp from right hand side.
2. Remove film on hugger (ABS ONLY) and fit grommets then push spacers inside grommets.
3. Cut Edge trim to required length the run all edges of hugger shell. Fig.1
4. Place hugger into position, making sure brake line is under the cut-out Fig.2, and loosely fit Front fixing using **1 x M6 x 25 Socket Screw**.
5. Fit Right hand side fixing point using original brake pipe retainer with **5 x M6 washers** underneath it and secure using **1 x M6 x 30 Socket Screw**. Fig.3
6. Fit Left hand fixing point using **3 x M6 washers** between hugger and swing arm and secure using **1 x M6 x 30 Socket Screw**.
7. Check alignment and tyre clearance then tighten all fixings paying particular attention to the right hand side and making sure the brake pipe clamp cannot be moved.



Fig.1

201 - K111 – 301 – K111
Fitting Instructions
Kawasaki ZX6-R 09 Hugger - Continued



Fig.2



Fig.3



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201-K110 Kit
Fitting Instructions Hugger Z1000 (2007- 2009)

Qty:	Description:	Location
4	Rubber Grommet	135
4	Spacers	34
5	M6 Form B Washers	21
3	M6x20 Cap Head Screws	31
1	M6x10 Bolt	25
1	Hugger Shell	
1	Right Hand Bracket	A0068Z
1	Left Hand Bracket	A0069Z
1	Pipe Clip	136
3	M6 Flange Nuts	17
1	M6x30 Cap Head Screws	33

- 1) When fitting your Powerbronze hugger, please remember to loosely fit all fixings until complete and you are satisfied that the hugger lines up correctly then tighten.
- 2) Remove Original brake pipe retainer. (This is easily done by cutting rather than removing brake pipe)
- 3) Remove protective film from hugger and fit the (x4) grommets and spacers into the hugger shell. (see fig.1)
- 4) Fit right hand bracket loosely to the hugger shell using **2 x M6x20 screws**, **2 x M6 washers** and **2 x M6 flange nuts**. (See fig.1)
- 5) Place the hugger onto the bike and loosely fit the bracket to the swing arm using **M6x10 bolt** and **M6 washer**.
- 6) Fit left hand bracket in between the hugger and the chain guard using front chain guard fixing location, then secure using **1 x M6x30 cap head screw** through the round hole in the bracket. Fig.3
- 7) Fit rear end of bracket to the hugger using **1 x M6x20 cap head screw**, **1 x M6 nut** and **1 x M6 washer**.
- 8) Check Alignment, and then tighten all screws.
- 9) Attach brake pipe clip to suitable place on right hand swing arm to hold in place the brake pipe.



Fig 1. A0068B



Fig 2. A0069B

201-K110 Kit
Fitting Instructions Hugger Z1000 (2007- 2009) Continued

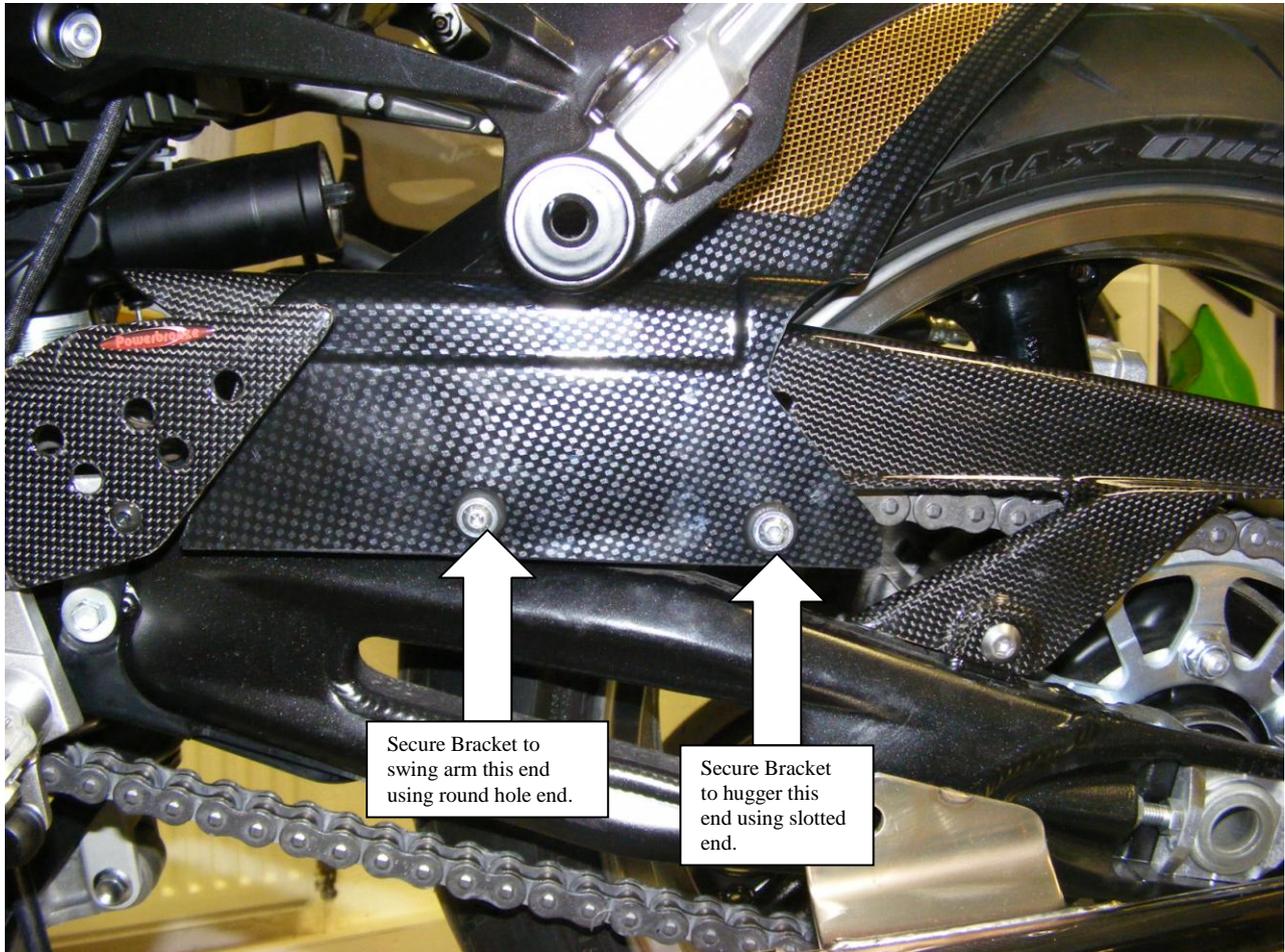


Fig.3

N.B.

Make sure there is enough clearance between the tyre, hugger and bracket.

Always check alignment of rear hugger and mounting bolt tension periodically.

In the event that you do not fix the hugger in compliance with these instructions, we cannot accept responsibility for any damage to your bike, this does not affect your customer statutory rights.

Please refer to manufacturers torque settings when fixing bolts to the swing arm.

Spares can be obtained through Powerbronze.

It is recommended that should you be unable to following the instructions/fit the hugger as per these instructions that you contact Powerbronze for assistance.

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201-K109-KIT

HUGGER

KAWASAKI Z750S 04-07 / Z750 07-11

Qty:	Description:	
1	Left Hand Bracket	A0015Z
1	Right Hand Bracket	A0096Z
1	Right Hand Bracket	A0097Z
2	120mm Rubber Strips	
1	M6 x 25 Socket Screw	32
3	M6 x 20 x Socket Screw	31
5	Flange Nut	17
4	Rubber Grommet	135
4	Spacer	34



Fitting Instructions

Figure 1. Hugger Fitted

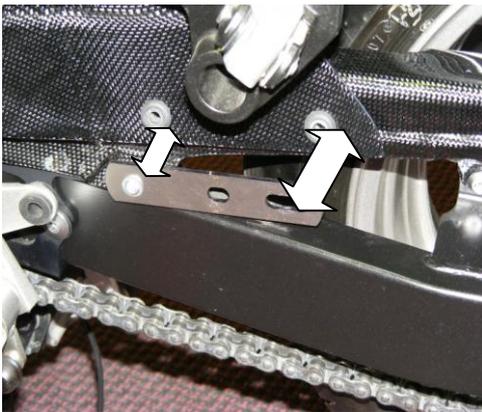


Figure 2. Left Hand Side – shows position of bracket underneath hugger.



Figure 3. Right Hand Side

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets & screwdrivers.

As a general rule a few moments checking the parts list and familiarising your self with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

- 1). Remove film on hugger.
- 2). Fit grommets into large holes on rear hugger and spacers inside the grommets.
- 3). Fit right hand bracket on the right hand side of the swing arm with 2 x Rubber Strips inside to protect the swing arms paint work. Use 2 x M6 Flange Nuts to secure the bracket (see figure 3).
- 4). Hugger mounts to left hand side using bracket shown in Fig 2 which is positioned between the hugger and the chainguard using M6 x 25 and M6 x 20 socket screws provided. Use the holes as marked in Figure 2.
- 5). Secure hugger to right hand bracket using 2 x M6 x 20 socket screws & flange nuts (supplied).
- 6). Check clearance between hugger bracket and tyre. Adjustments to the hugger can be made by altering the position of the M6 socket screws in the holes on the bracket.

Make sure there is enough clearance between the tyre, hugger and bracket.

IMPORTANT: Always check alignment of rear hugger and mounting bolt tension periodically.

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201-K108 -KIT

HUGGER

Fitting Instructions

KAWASAKI ZX10R 2008-10

Qty:	Description:	Location
3	M6 x 20 Socket Screws	31
3	Rubber Grommets	135
3	Grommet Inserts	34



Fig.1

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As a general rule, a few moments checking the parts list and familiarising your self with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

1. Remove Plastic protective film from hugger.
2. Fit 3 x Rubber Grommets into holes on hugger then fit inserts into grommets.
3. Remove original hugger.
4. Loosely bolt hugger to swing arm using 3 x **M6x20** socket screws into original fixing points.
Fig.2
5. Check clearance between hugger and tire and when happy Tighten all fixings. Fig.1

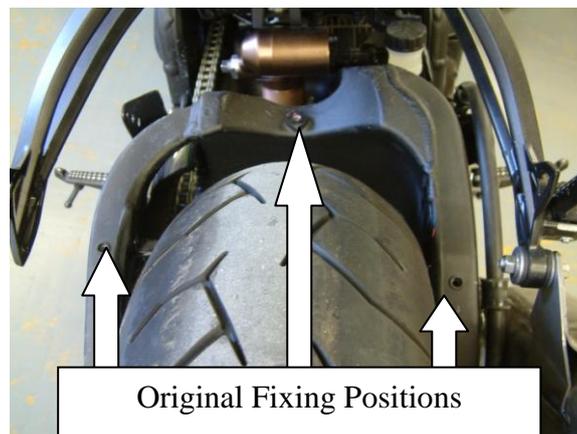


Fig.2



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**201-K107-KIT (CARBON FIBRE/ABS)
HUGGER Fitting Instructions
KAWASAKI ZZR1400 06-11/ZX-14R 06-11**

Qty:	Description:	Bin:
1	Right Hand Bracket – A0106Z	A0106Z
5	M6 x 20 x Socket Screw	31
3	M6 Flange Nut	17
4	Rubber Grommet	135
4	Spacer	34
1	Hugger Shell	
1	Large Bubble Sticker	



Fig.1 Fitted



Fig.2 Right hand side bracket (A0106Z)

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets & screwdrivers. As a general rule a few moments checking the parts list and familiarising your self with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

- 1). Remove film on hugger.
- 2). Fit grommets into large holes on rear hugger and spacers inside the grommets.
- 3). Fit right hand bracket A0106Z on the right hand side of the swing arm. Replace existing screw with socket screw and nut on inside to secure the bracket (see figure 2).
- 4). Secure hugger to right hand bracket using 2 x M6 x 20 socket screws & flange nuts (supplied).
- 5). Check clearance between hugger bracket and tyre. Adjustments to the hugger can be made by altering the position of the M6 socket screws in the holes on the bracket.

Make sure there is enough clearance between the tyre, hugger and bracket.

IMPORTANT: Always check alignment of rear hugger and mounting bolt tension periodically.



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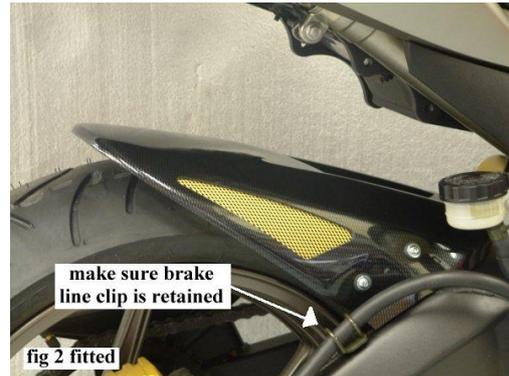
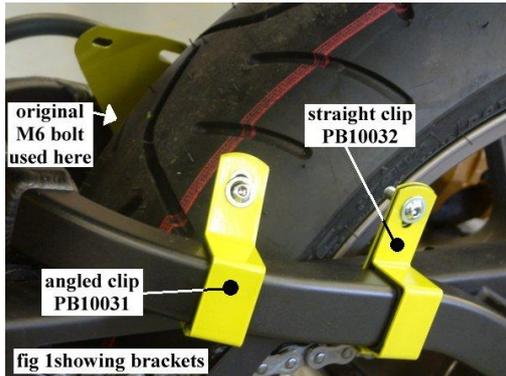
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201-K106-KIT (CARBON FIBRE/ABS) ZX6-R 2007/08 HUGGER

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.



1. Remove protective film on hugger.
2. Fit grommets into holes on hugger and spacers into grommets.
3. Fit rubber strips to the inside of clips supplied to protect the aluminium swing arm. Please note 3 rubber strips are included in this kit. Use as much as is needed to make brackets a tight fit.
4. Fit brackets and clips supplied as shown in fig 1.
5. Slide the hugger over rear wheel and line up holes. For the ZX6 07 model use the lower of the two available slots on the Hugger bracket. Use four M6 X 20 socket screws & flange nuts supplied to attach Powerbronze Hugger to brackets.
6. Check clearance with the hugger and rear tyre then tighten all fasteners.

REMEMBER TO TIGHTEN ALL FASTENERS AND CHECK CLEARANCE WITH TYRE.

Parts List

ITEM	DESCRIPTION	PART NO	BIN	QTY
1	REAR HUGGER			1
2	M6 X 20 SOCKET SCREW		31	4
3	GROMMETS	F036	135	4
4	SPACERS	F029	34	4
5	BLACK RUBBER STRIP (110MM LONG)			3
6	M6 FLANGE NUTS		17	4
7	MOUNTING CLIP L/H FRONT (PB10031)	A0057B		1
8	MOUNTING CLIP L/H REAR (PB10032)	A0058B		1
9	MOUNTING BRACKET R/H (PB10033)	A0059B		1

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201-K103-KIT (CARBON FIBRE/ABS)

Mesh Hugger

KAWASAKI ZX10R 06-07

Qty:	Description:	Bin
6	M6 x 20 Socket Screw	31
1	M6 Flange Nut	17
5	Rubber Grommets	135
5	Grommet Spacers	34
1	R/H Fixing Bracket A0105Z	A0105Z
1	Hugger Shell	

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers. As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1. Remove brake line retaining clip bolt on right hand side of swing arm
2. Fit Hugger bracket A0105Z over brake line retaining clip and secure with **M6 x 20** socket screw as supplied. See Figs 1&2.
3. Remove chain guard and suspension shield from swing arm.
4. Remove film from Hugger.
5. Fit 5 grommets into holes on rear hugger and spacers inside grommets.
6. Fit Hugger using 5 **M6 X 20** socket screws supplied. Use 1 **M6** flange nut to secure to bracket fitted at stage 2. See Figs 3&4.
7. Check clearance between Hugger, bracket and tyre. Adjustments to the Hugger can be made by altering the bracket slightly.
8. Make sure all fasteners are tightened.

MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN HUGGER, BRACKET AND TYRE. (Min 10mm) IMPORTANT: Always check alignment of rear hugger and mounting bolt tension periodically.

Fig 1.



Fig 3.



Fig 2.



Fig 4.

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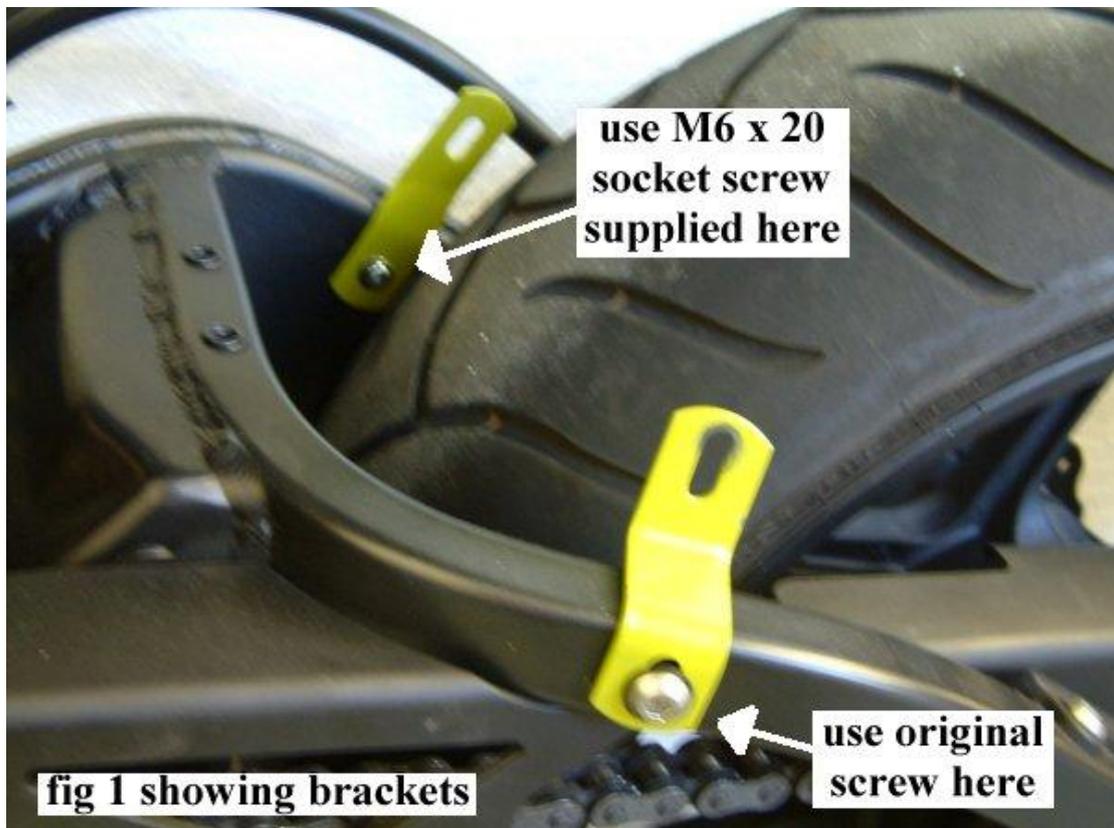
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**201-K102-KIT (CARBON FIBRE/ABS)
ZX10-R 2004-05
HUGGER**

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

- 1) Remove original hugger.
- 2) Remove protective film on hugger.
- 3) Fit grommets into holes on hugger and spacers into grommets.
- 4) Fit rubber strips to the inside of brackets supplied to protect the aluminium swing arm.
- 5) Fit brackets supplied as shown in fig 1.





6) Slide the hugger over rear wheel and line up holes. Use two M6 X 20 socket screws to attach Powerbronze Hugger into swing arm at front. Use M6 x 20 socket screws and flange nuts to attach hugger to brackets.

7) Refit plastic brake line guide into Powerbronze Hugger.

8) Check clearance with the hugger and rear tyre then tighten all fasteners.

REMEMBER TO TIGHTEN ALL FASTENERS AND CHECK CLEARANCE WITH TYRE.

Parts List

ITEM	DESCRIPTION	PART NO	BIN	QTY
1	REAR HUGGER			1
2	M6 X 20 SCREWS		31	5
3	GROMMETS		135	4
4	SPACERS		34	4
5	BLACK RUBBER STRIP (50MM LONG)			2
6	M6 FLANGE NUTS		17	2
7	MOUNTING BRACKET	A0006B		1
8	MOUNTING BRACKET	A0013B		1



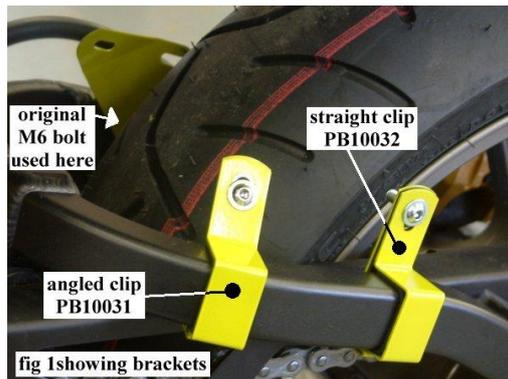
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201-K101-KIT (CARBON FIBRE/ABS) ZX6-R 2005/06 HUGGER

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.



1. Remove protective film on hugger.
2. Fit grommets into holes on hugger and spacers into grommets.
3. Fit rubber strips to the inside of clips supplied to protect the aluminium swing arm.
4. Fit brackets and clips supplied as shown in fig 1.
5. Slide the hugger over rear wheel and line up holes. Use four M6 X 20 socket screws & flange nuts supplied to attach Powerbronze Hugger to brackets.
6. Check clearance with the hugger and rear tyre then tighten all fasteners.

REMEMBER TO TIGHTEN ALL FASTENERS AND CHECK CLEARANCE WITH TYRE.

Parts List

ITEM	DESCRIPTION	PART NO	BIN	QTY
1	REAR HUGGER			1
2	M6 X 20 SOCKET SCREW		31	4
3	GROMMETS	F036	135	4
4	SPACERS	F029	34	4
5	BLACK RUBBER STRIP (110MM LONG)			3
6	M6 FLANGE NUTS		17	4
7	MOUNTING CLIP L/H FRONT (PB10031)	A0057B		1
8	MOUNTING CLIP L/H REAR (PB10032)	A0058B		1
9	MOUNTING BRACKET R/H (PB10033)	A0059B		1

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CBR1000RR 08-15 (ABS Braking) HUGGER (ABS+C/FIBRE)

201-H107

Fitting Instructions

QTY	DESCRIPTION	Bin No
1	HUGGER SHELL	
3	SPACER	34
3	CUSHION GROMMET	135
1	BRACKET	A0054Z
1	BRACKET	A0107Z
3	SOCKET SCREW M6 X 20	31
3	FLANGE NUT M6	17
1	EDGE TRIM 150MM LONG	
2	SOCKET SCREW M5 x 25	146



Fig.1

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1. Remove original hugger from bike.
2. Remove protective film from hugger (ABS Plastic ONLY).
3. Insert 3 x Grommets into holes in hugger followed by 3 x Spacers into the grommets.
4. Attach left hand bracket A0107Z to swing arm using Manufacturers original bolt and 1 x M5 x 25 socket screw (L/H bolt as viewed) Fig.2
5. Attach right hand bracket A0054Z to swing arm using 1 x M5 Socket screw making sure the brake line clip is located on top of the bracket. As Fig.3
6. Place hugger over brackets and loosely secure using 3 x M6 Socket Screws and 3 x M6 Flange Nuts.
7. Place edge trim around bottom edge on left hand side on hugger. Powerbronze advise using a small amount of adhesive to secure.
8. Adjust hugger into correct position and tighten all fixings.



Fig.2 A0107Z



Fig.3 A0054Z

MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE & HUGGER. IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.



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201-H106

HUGGER

Fitting Instructions

CB1000R 08-15

Qty:	Description:	Location
1	M6 x 35 SOCKET CAP SCREW	43A
1	M6 x 30 SOCKET CAP SCREW	43B
4	M6 x 20 Socket Screws	31
1	Screen Trim 70mm	
4	Rubber Grommets	135
4	Grommet Inserts	34
1	Bracket A0110B	A0110B
1	Spacer A0111B – 25MM	A0111B
1	Spacer A0112 B – 15MM	A0112B
4	M6 Flange Nuts	17
2	M6 SMALL WASHER	20



Fig 1

As a general rule, a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed by using several nuts, bolts and screws they should be left loose until they are in place then tightened evenly.

1. Remove protective film from hugger (ABS Hugger Only)
2. Fit 4 grommets into holes on hugger and spacers inside grommets.
3. Apply 70mm length of trim to left hand side where hugger contacts Chain Guard. Fig 5.
4. Remove original bolts from swing arm. Fig.2
5. Attach hugger to bracket using **4 x M6 x 20 Socket Screws and 4 x M6 Flange Nuts**. Fig.4
6. Loosely fit bracket to swing arm using **Spacers, M6 x 30 Socket cap screw, M6 x 35 Socket cap screw & 2 x M6 Washers** Fig.3 & Fig.4. Please note the longer spacer and bolt is used in the right hand position and the shorter spacer and bolt in the left hand position.
7. Check clearance with the hugger and rear tyre then tighten all fasteners

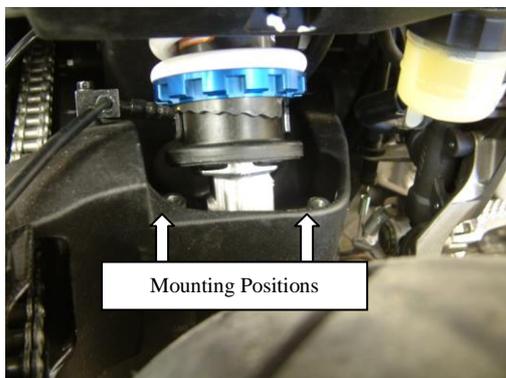


Fig.2

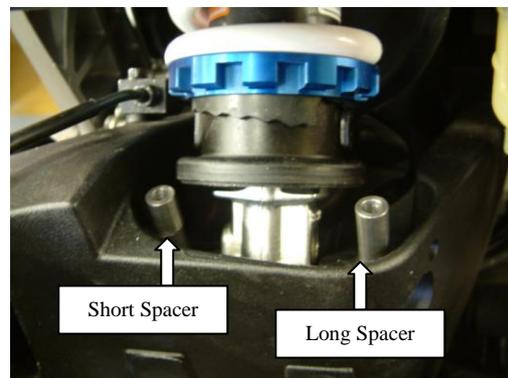


Fig.3

201-H106

HUGGER

Fitting Instructions

CB1000R 08 -14 Continued



Fig.4

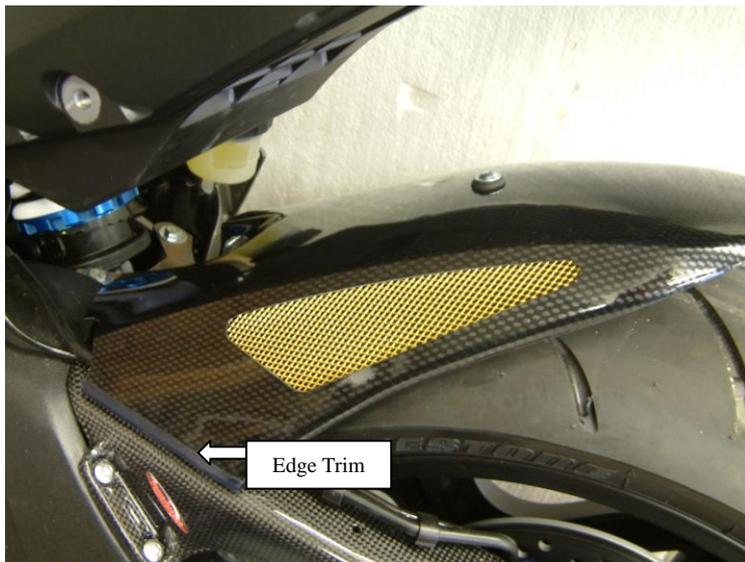


Fig.5

**MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN HUGGER,
AND TYRE. (Min 10mm)**

Always check alignment of rear hugger and mounting bolt tension periodically.



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CBR1000RR 08-14 (Not ABS) HUGGER

201-H105

Fitting Instructions

QTY	DESCRIPTION	Bin No
1	HUGGER SHELL	
3	SPACER	34
3	CUSHION GROMMET	135
1	BRACKET	A0054Z
1	BRACKET	A0107Z
3	SOCKET SCREW M6 X 20	31
3	FLANGE NUT M6	17
1	EDGE TRIM 150MM LONG	
2	SOCKET SCREW M5 x 25	146



Fig.1

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1. Remove original hugger from bike.
2. Remove protective film from hugger (ABS Plastic ONLY).
3. Insert 3 x Grommets into holes in hugger followed by 3 x Spacers into the grommets.
4. Attach left hand bracket A0107Z to swing arm using Manufacturers original bolt and 1 x M5 x 25 socket screw (L/H bolt as viewed) Fig.2
5. Attach right hand bracket A0054Z to swing arm using 1 x M5 Socket screw making sure the brake line clip is located on top of the bracket. As Fig.3
6. Place hugger over brackets and loosely secure using 3 x M6 Socket Screws and 3 x M6 Flange Nuts.
7. Place edge trim around bottom edge on left hand side on hugger. Powerbronze advise using a small amount of adhesive to secure.
8. Adjust hugger into correct position and tighten all fixings.

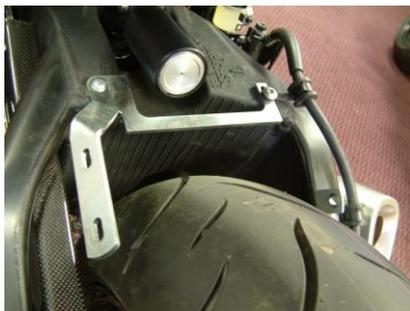


Fig.2 A0107Z



Fig.3 A0054Z

**MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE & HUGGER.
IMPORTANT:**



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**201-H104-KIT (CARBON FIBRE/ABS)
CBR 600RR 2005-15
HUGGER**

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, Allan keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising you with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1). Remove the original hugger from the swinging arm by removing the three fixing bolts.

2). Remove film on rear hugger.

3). Fit grommets into holes on rear hugger and spacers inside the grommets.

4). Fit the hugger onto the swinging arm using the original fixing bolts. For 07 bikes use fixing bolts provided. Ensure right hand bolt also locates the brake hose guide. See fig 1.

5). Check clearance between hugger and tyre.



MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE & HUGGER.

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

Parts List

ITEM	DESCRIPTION	PART NO.	BIN	QTY
1	HUGGER SHELL	CBR600RR		1
2	SPACER	F036	34	3
3	CUSHION GROMMET	F029		3
4	M5 x 25 Bolts		146	3
5	M5 Washers		4	3



201-H103-KIT (CARBON FIBRE/ABS) CBR 1000RR 04-07 HUGGER

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

- 1). Remove the original hugger from the swinging arm by removing the three fixing bolts.
- 2). Remove film on rear hugger.
- 3). Fit grommets into holes on rear hugger and spacers inside the grommets.



fig 1 bracket fitted to swing arm

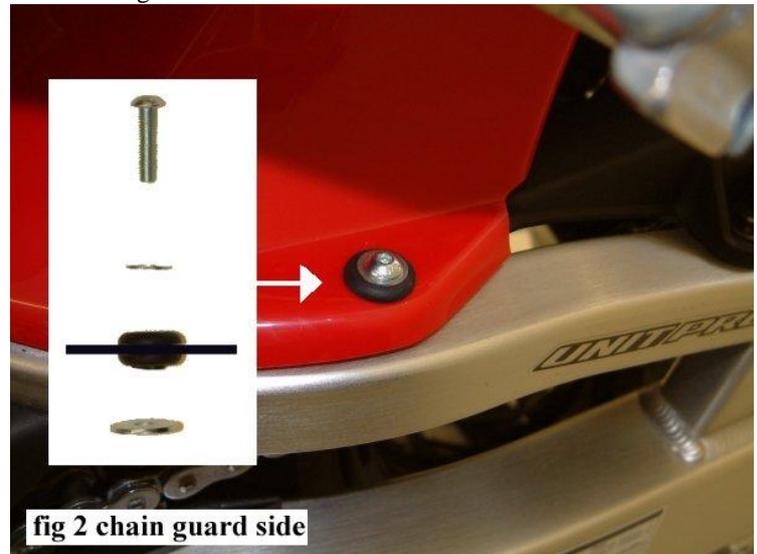


fig 2 chain guard side

- 4). Fit bracket A0054Z underneath brake line retaining clip using M5 x 25 socket screw and form C (small) washer supplied see fig 1.
- 5). Position Powerbronze Hugger onto swing arm. Use original fixing bolt in centre and M6 x 20 socket screw with flange nut supplied onto bracket. Position form D (large) washer between Hugger and chain guard mounting. Fit Hugger to chain guard mounting using M5 x 25 socket screw with form C (small) washer see fig 2.
- 6). Check clearance between hugger and tyre.

MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE & HUGGER.

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

Parts List

ITEM	DESCRIPTION	PART NO.	BIN	QTY
1	HUGGER SHELL	CBR1000 04		1
2	SPACER	F036	34	3
3	CUSHION GROMMET	F029	135	3
4	SOCKET SCREW M5 X 25		146	2
5	WASHER M5 FORM C		147	2
6	WASHER M5 FORM D		5	1
7	BRACKET	A0054Z		1
8	SOCKET SCREW M6 X 20		31	1
9	FLANGE NUT M6		17	1



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201-H102-KIT (CARBON FIBRE/ABS) CBR 900RR 02-03

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

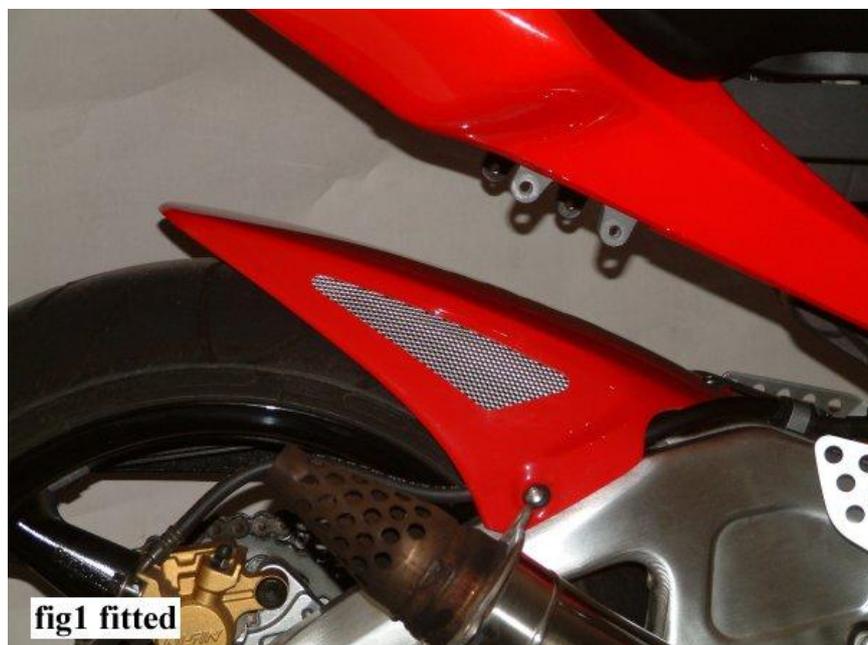
1). Remove the original hugger from the swinging arm by removing the three fixing bolts.

2). Remove film on rear hugger.

3). Fit grommets into holes on rear hugger and spacers inside the grommets.

4). Fit the hugger onto the swinging arm using the original fixing bolts.

5). Check clearance between hugger and tyre.



MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE & HUGGER.

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

Parts List

ITEM	DESCRIPTION	PART NO.	D	QTY
1	HUGGER SHELL			1
2	SPACER	F036	34	3
3	CUSHION GROMMET	F029	135	3



201-H101-KIT (CARBON FIBRE/ABS) CBR 600RR 2003-04 HUGGER

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, allen keys & screwdrivers.

As a general rule a few moments checking the parts list and familiarising yourself with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1). Remove the original hugger from the swinging arm by removing the three fixing bolts.

2). Remove film on rear hugger.

3). Fit grommets into holes on rear hugger and spacers inside the grommets.

4). Fit the hugger onto the swinging arm using the original fixing bolts. Ensure right hand bolt also locates the brake hose guide. See fig 1.

5). Check clearance between hugger and tyre.



MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE & HUGGER.

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

Parts List

ITEM	DESCRIPTION	PART NO.	BIN	QTY
1	HUGGER SHELL	CBR600RR		1
2	SPACER	F036	34	3
3	CUSHION GROMMET	F029	135	3



201-D102 HUGGER
1199 PANIGALE 12-15

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and re-assembly of your motorcycle. You will need a set of spanners, sockets, Allan keys & screwdrivers. As a general rule a few moments checking the parts list and familiarising you with the kit will make fitting easier in the long run. Remember whenever a part is fixed using several nuts, bolts or screws they should be left loose until they are all in place then tightened evenly.

1). Remove the original hugger from the swinging arm by removing the three fixing bolts.

2). Remove film on rear hugger.

3). Fit grommets into holes on rear hugger and spacers inside the grommets.

4). Fit the hugger onto the swinging arm using the original fixing bolts. For 07 bikes use fixing bolts provided. Ensure right hand bolt also locates the brake hose guide. See fig 1.



5). Check clearance between hugger and tyre.

MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN TYRE & HUGGER.

IMPORTANT:

Always check alignment of rear hugger and mounting bolt tension periodically.

Parts List

ITEM	DESCRIPTION	PART NO.	BIN	QTY
1	HUGGER SHELL	1199 PANIGALE		1
2	SPACER	F036	34	3
3	CUSHION GROMMET	F029		3
4	M5 x 25 Bolts		146	3
5	M5 Washers		4	3



201 - D101

Fitting Instructions
DUCATI 1198/1098/848 HUGGER

Qty:	Description:	Bin:
1	Hugger Shell	
1	Bracket A0070Z	BKT 18
4	Grommets	135
4	Steel Spacers	34
2	M6 X 25 Socket Screws	32
2	M5 X 30 Socket Screws	21A
2	M6 Washers - Large	21
2	M6 Flange Nuts	17
1	M5 X 20 Hex Bolt	155
3	M5 x 15od Washers	21B

Prior to fitting, please refer to our Terms and Conditions on our website.

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and reassembly of your motorcycle. You will need a set of spanners, sockets, Allen keys & screw-drivers.

A few moments, checking the parts list and familiarising yourself with the kit will make fitting easier. Remember; whenever a part is fixed by using several nuts, bolts or screws they should be left loose until all are in place and then tightened evenly.



Figure 1.

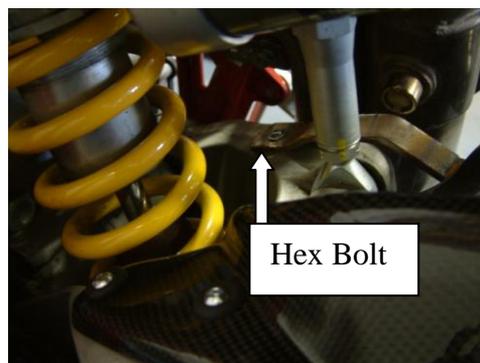


Figure 2.

- 1) Remove protective plastic clips from holes on swing arm.
- 2) Remove film on hugger (ABS ONLY) and fit grommets then push spacers inside grommets.
- 3) Place hugger bracket into position on hugger shell and secure using **M6 x 25** socket screws, **M6** flange nut & **M6** washers. Fig 1
- 4) Place Hugger with attached bracket into position and secure to swing arm using 3 x **M5 x 15od** Washers (left hand side when sitting on bike between hugger and socket screw), 2 x **M5 x 30** Socket Screws and 1 x **M5 x 20** Hex Bolt. Fig. 2
- 5) Check alignment and tyre clearance then tighten all fixings.

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201-B102
Fitting Instructions
BMW S1000R 2014-15 HUGGER
 21.07.14

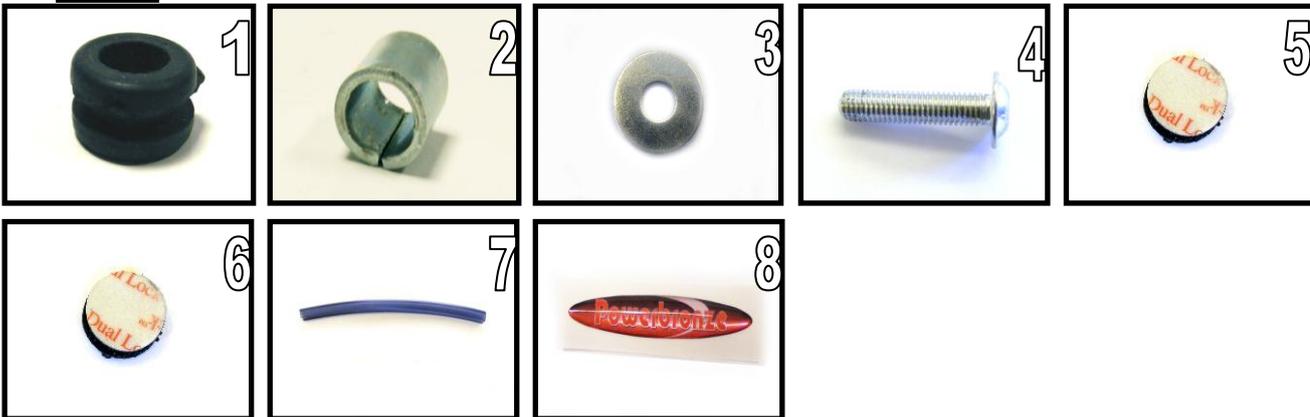
No	Qty:	Description:	Bin:
-	1	Hugger Shell	
1	3	Grommets	135
2	3	Spacers	34
3	3	M5 Washer	21B
4	3	M5x25 socket screw	7
5	2	Dual Lock 400 Disc	27B
6	2	Dual Lock 170 Disc	27B
7	1	Screen Trim 700 mm	
8	2	Powerbronze Badges (Small)	

We recommend that prior to fitting, please refer to our Terms and Conditions on our website.

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and reassembly of your motorcycle. You will need a TRX star bit T25 to remove the original BMW Hugger fixings.

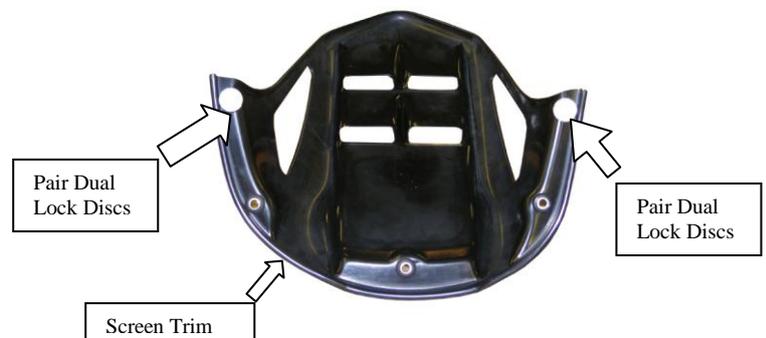
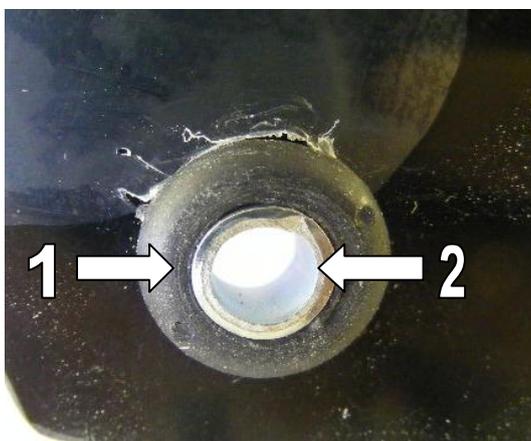
A few moments, checking the parts list and familiarising yourself with the kit will make fitting easier. Remember; whenever a part is fixed by using several nuts, bolts or screws they should be left loose until all are in place and then tightened evenly.

Contents



Remove original rear hugger.
 Remove film on your Powerbronze hugger.
 Insert 3 grommets (1) and 3 spacers (2) into holes in the hugger

Clip two pairs of dual lock (5) (6) together and stick them to the underside of hugger. Fit screen trim (7) around the bottom edge of the hugger.



Secure hugger to swing arm using 3xM5 washer (3) and 3x M5x25 socket screw (4).



NOTE: Where adhesive is applied it is very important to ensure the bonding surface is clean and dry. The temperature must not be below 15^oc to obtain a good bond. Allow 72hrs before use to ensure full bond strength is obtained.



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201 - B101
Fitting Instructions
BMW S1000RR 10-14 HUGGER

Qty:	Description:	Bin:
1	Hugger Shell	
3	Grommets	135
3	Spacers	34
3	M5 Washer	21B
1	P-Clip	105
2	Dual Lock 400	27B
2	Dual Lock 170	27B
1	Screen Trim 700 mm	
2	Powerbronze Badges (Small)	

We recommend that prior to fitting, please refer to our Terms and Conditions on our website.

When fitting your Powerbronze product it will help you to use your motorcycle manual for disassembly and reassembly of your motorcycle. You will need a TRX star bit T25 to remove the original BMW Hugger fixings.

A few moments, checking the parts list and familiarising yourself with the kit will make fitting easier. Remember; whenever a part is fixed by using several nuts, bolts or screws they should be left loose until all are in place and then tightened evenly.

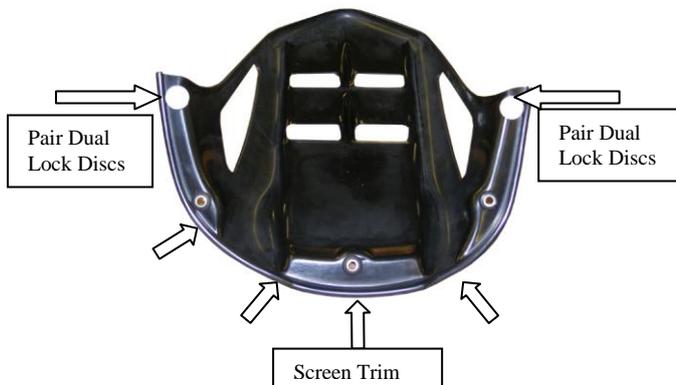


Figure 1.

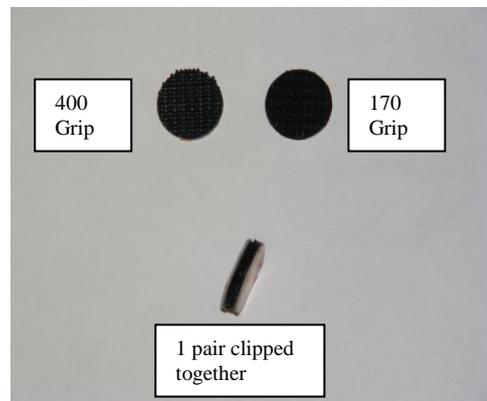


Figure 2.

- 1) Remove original rear hugger, ensuring 3 x M5 screws are retained.
- 2) Remove film on your Powerbronze hugger (ABS plastic only) and fit rubber grommets, then fit spacers inside grommets. Fit screen trim around base of hugger and cut to correct length.
- 3) Clip the two pairs of dual lock discs together (one of each type). Remove the backing off of one of the discs and stick to the hugger shell as Fig 1. Now remove the backing from the exposed discs.
- 4) Ensure the swing arm is very clean to allow the dual lock pads to bond correctly.
- 5) Place hugger into position and secure to swing arm using original 3 x M5 screws and 3 x M5 washers supplied. Fit P-clip around brake cable and attach to right hand side screw.
- 6) Push down hard around the dual lock area to ensure a good bond.
- 7) Check alignment and tyre clearance then tighten all fixings.

NOTE: Where adhesive is applied it is very important to ensure the bonding surface is clean and dry. The temperature must not be below 15^oc to obtain a good bond. Allow 72hrs before use to ensure full bond strength is obtained.



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