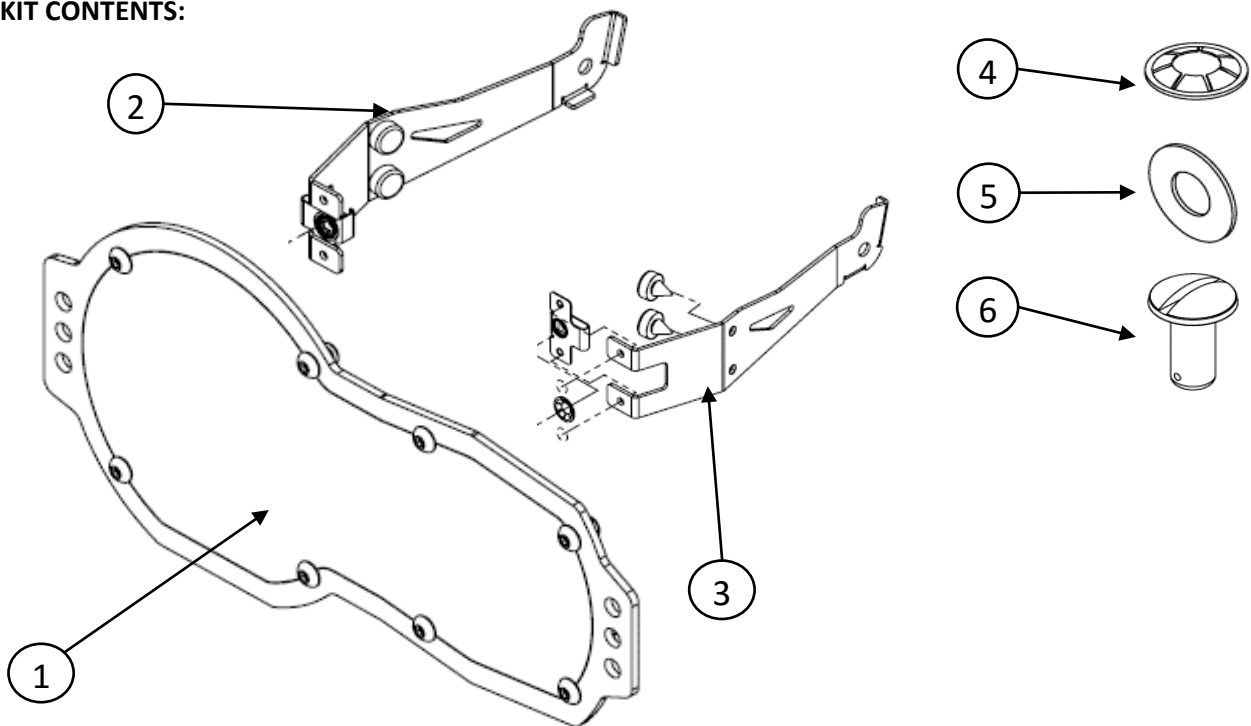


Doc # MA-A090670-D001	FITTING INSTRUCTIONS	Revision: 0
	BMW R1200GS/R1200GS Adventure LC K50	Date: 2017-06-14
	K51 Head Light Guard	ENGLISH

A qualified, experienced motorcycle or vehicle technician should install Motorradical 3DX products. If you are unsure of your ability to properly install a product, please have the product installed by your local motorcycle dealer. Motorradical takes no responsibility for damages caused by improper installation. All screws, bolts and nuts, including all replacement hardware provided by Motorradical, should be tightened to the torque specified in the OEM maintenance manual for your motorcycle. If no torque specifications are provided in the OEM maintenance manual, a Torque Chart is available on our website. All screws, bolts and nuts should be checked after driving the first 50 km to ensure that all are tightened to the proper torque. Medium strength liquid thread-locker (i.e., "Loctite") should be used to secure all screws bolts and nuts.

Packaging Weight: 0.405 kg
Packaging Dimensions: 265mm (W) x 380mm (L) x 20mm (H)

KIT CONTENTS:

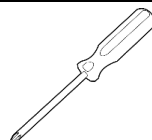


Parts List

No.	Description	Part Number	QTY
1	R1200GS Head Light Guard - Poly Carbonate	N/A	1
2	R1200GS Grid Type Headlight RH Mount	P090665003	1
3	R1200GS Headlight LH Mount	P090665002	1
4	Dzus 5.5 mm Washer	WFST-DZUS-Fastener	2
5	Dzus 5.5 mm Retaining Washer (Nylon)	WFST-DZUS-Retainer	2
6	Dzus 1/4 Turn Connector	WFST-DZUS-Stud	2

TOOLS REQUIRED

- Flat Screwdriver
- T25 Torx



Install Time
15 min

Preparation:

Read the instruction carefully before installation. Ensure that all parts listed in this document are included in the package.
Park the vehicle on a level hard surface in a sufficiently lit and ventilated work environment. Use only appropriate tools and equipment.
Disconnect the battery whenever working on the electrical system.

Installation:

Reconnect all connectors, clips and parts removed during the installation in accordance with the vehicle manufacturer specification
Secure all threads, unless otherwise specified with medium-strong liquid thread locker. Tighten all fasteners in accordance with the vehicle specification and / or according to DIN/ISO specification.
Replace all parts and hardware removed for installation according the vehicle specifications.

Functionality Check:

Once the installation is complete, ensure that no moving parts, wire or fuel hoses are pinched or obstructed in any way. Ensure the normal functionality of the vehicle. Attach and secure all cables and connectors correctly.

General:

If required register installed accessories in the vehicle document with appropriate authorities.

Disclaimer:

Instructions are set out as accurately as possible. There are currently no legal requirements for correctness. Technical issues may vary and are subject to change. Brightwing Technologies or any of its subsidiaries will not be liable for any damages, direct or indirect, that may arise from fitting accessories. For more see www.motorradical.co.za.

TORQUE CHART

A2 or A4 Stainless Steel	Lubricated (N-m)	0.9	2.3	4.6	7.8	-	19.1	38
	Dry (N-m)	1	2.6	5.1	8.7	-	21.2	42
Property Class	Bolt Diameter (mm)	3	4	5	6	7	8	10

MOUNTING

1. Remove the indicated M6 x 16 OE Screw on the LHS of the motorcycle.



IMPORTANT: DO NOT DISCARD M6 x 16 OE SCREW!



2. Attach the R1200GS Headlight LH Mount (item 3) as indicated. Re-use the OE Screw removed in Step 1.

NOTE: FINGER TIGHTEN ONLY SO THAT THE MOUNT CAN ROTATE.



3. Repeat **Step 1** on the RHS of the motorcycle.



4. Repeat **Step 2** using the R1200GS Headlight RH Mount (item 2).

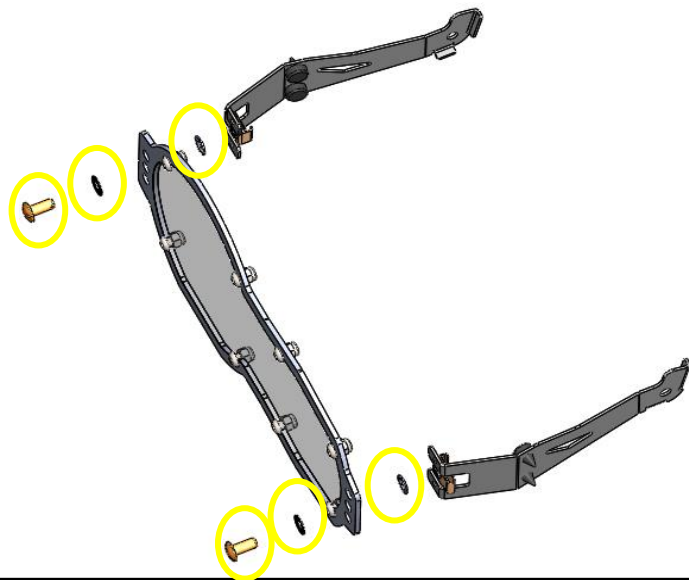


5. Insert the Dzus 1/4 Turn Fasteners as indicated onto the R1200GS Head Light Guard - Poly Carbonate (item 1).



NOTE: ENSURE THAT THE GUARD IS CORRECTLY ORIENTATED. DZUS LOCK WASHERS CANNOT BE REMOVED ONCE INSERTED.

Description	Torque	Qty
Dzus 1/4 Screw	-	2
Dzus Washer	-	2
Dzus Lock Washer	-	2



6. Attach the Headlight Guard as indicated, locking the Dzus Screws by turning them 1/4 turn clockwise.

