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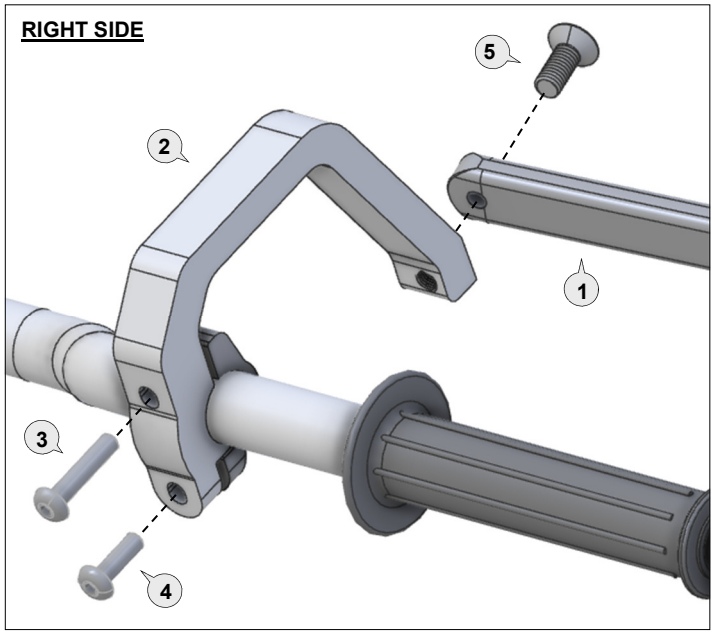
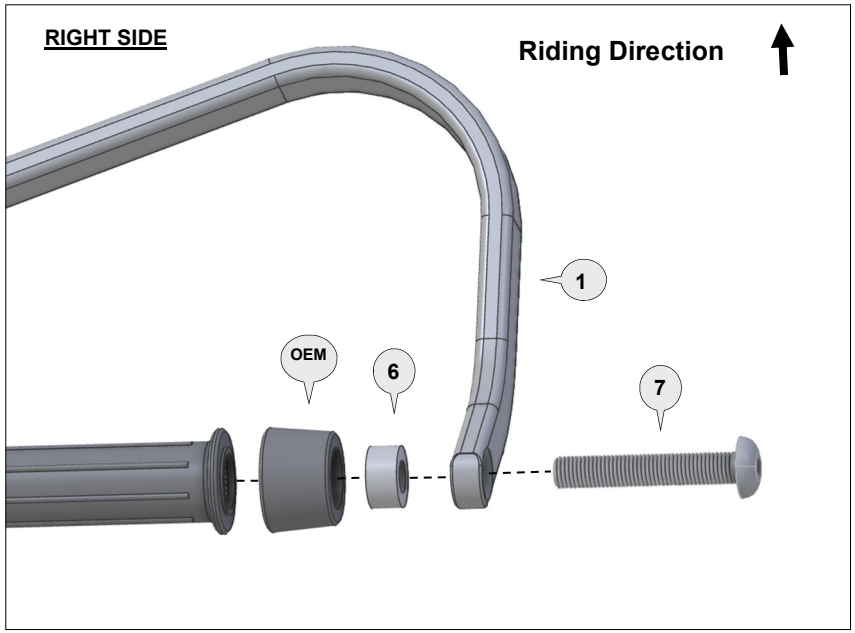
FITTING INSTRUCTIONS for...

- *BMW R 1300 GS ('2024 on)*

Preparation

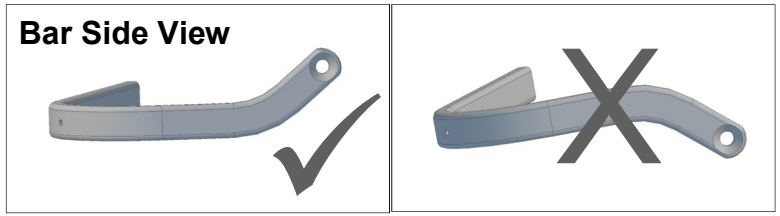
Remove original handguards and un-clip the amber LED light, if fitted. Retain the OEM bar end weight.

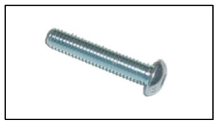
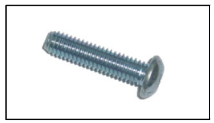
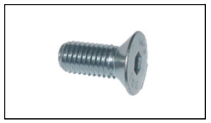
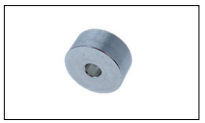
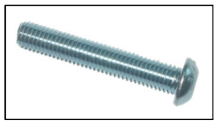




Installation:

- Loosely assemble the clamp (2) to the handlebar as per diagram.
- Attach the handguard backbone (1) with applicable parts to the handlebar end making sure to retain the OEM bar end weight.
- Align the clamp (2) with the backbone end hole and insert screw (5).
- Position backbone so it is horizontal when viewed from the side.
- Tighten all bolts to the specified torque (over page) in the following order: (7), (5), tight (3) and (4) simultaneously to keep an even gap with the clamp saddle.



1	2	3	4	5	6	7
Aluminium Bar	Clamp Frame & Saddle	Button Head Bolt 30mm	Button Head Bolt 20mm	Socket Head Bolt 25mm	Spacer 7mm	Button Head Bolt 60mm
						
PN: BAR-BV065 Pcs. 1 Left & 1 Right	PN: CFS-ADV-24 Pcs. 1 set	PN: M6X30BHCSZP Pcs. 2	PN: M6X20BHCSZP Pcs. 2	PN: M8X25FHCSZP Pcs. 2	PN: SP07-20-10 Pcs. 2	PN: M10X60BHCSZP Pcs. 2

Recommended Torque Settings	
M6	10 Nm (7.4 lbf ft)
M8	28 Nm (20.7 lbf ft)
M10	32 Nm (23.6 lbf ft)

CAUTION:
Installation of the handguard is safety-relevant work and can be complicated. We recommend the installation be performed by a motorcycle service technician. Rideworx accepts no liability for damages caused by improper mounting. All screws, bolts and nuts, including all replacement hardware provided by Rideworx, should be tightened to the torque specified in the table. After the first 50km of riding check all screws, bolts and nuts are tightened to the correct torque. We recommend a medium strength liquid thread lock product on all fasteners.

WARNING:
It is important there is a working clearance (approx 3mm) between the throttle grip end and the handguard to ensure a free closing throttle. Check operation of all handlebar controls, specifically the throttle, front brake, kill switch and clutch to ensure they are operating correctly and are in accordance with the OEM specifications. Do not ride the motorcycle if any controls are not operating correctly. Check periodically that all bolts are tight. Please note that all Rideworx test fitment are done on stock motorcycles with factory standard handle bar, windscreen, etc. in there original positions.

Personalise Your Protection
Guard options sold separately

JET	JET-003
VPS	VPS-003
Storm	STM-003
CARBON	BCF-003

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@BARKBUSTERSHANDGUARDS

Disclaimer:
A failure to follow these fitting instructions could cause serious injury, death or property damage. These handguards are intended solely for use with motorcycles/ATV/snowmobiles/scooters that have not been modified. They are not designed to prevent injury or death while riding or in an accident or crash. The user must ensure that all controls are free of the handguards every time that they ride. By installing and/or using this product you acknowledge that you accept these terms and have followed the fitting instructions.

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FITTING INSTRUCTIONS for...
*LED AMBER LIGHT - Indicator to fit **JET**, **VPS** or **Storm** guards*

Preparation:

Read the mounting instructions carefully and make sure that all the parts are included as per the list. Turn off the engine and disconnect the battery when working on the electrical system. Remove the Barkbusters plastic guards from the bike. **Tools Required**: ***3mm drill bit, 7mm drill bit, a small flat head screwdriver and a Phillips Head screwdriver.***

LED Light Installation:

VERY IMPORTANT: FOLLOW ALL INSTRUCTIONS CAREFULLY TO ENSURE A CORRECT FIT.

The LED Indicators can be mounted on the upper or lower face of the **VPS** and **STORM** plastic guards. The LED Indicators can be mounted on the upper face only of the **JET** plastic guards.

1. Enclosed is a paper Drilling Template to locate and drill the light mounting holes in the plastic guards. ***IMPORTANT:*** **CAREFULLY** cut out the appropriate template **perfectly** along the line.
2. Place the template on the REAR of the guard as per examples below and secure with clear tape. Using a scriber or centre punch apply pressure by hand to mark the centre of the three holes per template to be drilled. **Important:** When marking the drill holes place plastic guard on a cloth or soft surface to avoid damaging the front face.
3. Remove the template and drill through all holes with a **3mm** drill bit. Then enlarge **all** holes with a **7mm** drill bit. Remove any plastic burrs from around the holes.
   Important: When drilling holes hold plastic guard in hand to avoid damaging front face, do not rest on a hard surface. Take care not to drill into your hand.

in

4. Thread the LED wires (1) through the **MIDDLE** hole and fit the light

NOTE: *Photos indicate correct placement of Drilling Templates on **REAR** of guard. Secure with clear tape prior to drilling.*

position. Position the backing plate (2) over the wires and ensure they exit at the cutout towards the inside of the guard.

5. Insert the screws (3) through the backing plate (2), and locate them in the screw holes of the LED light (1). Tighten screws (3) **being careful not to over tighten**.

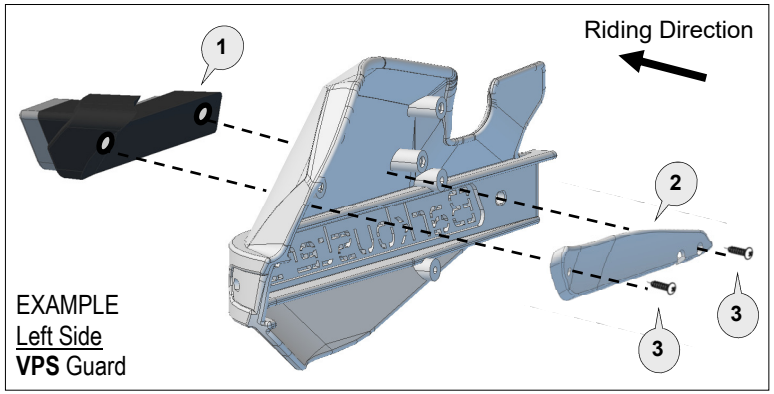

IMAGE*: Left VPS guard with LED being mounted to upper face of guard.*

Assembling the BMW connector:

Due to the BMW adaptor being large, and needing to go through the plastic guard, we opted to have the adaptor being assembled once the wires are passed through the plastic guard.

1. Take hold the BMW adaptor (5) and with a flat screwdriver, unlatch the bottom part (fig 1) and separate the 2 pieces (5a) and (5b) (fig 2).
2. Insert the brown wire pin connector (1), making sure the locking blade is pointing up, into the left side terminal of (5b) (fig 3).
3. Push the wire in until you hear a little “click”, indicating the blade locked into position inside the terminal (5b) (Fig 4).
4. Repeat the procedure for the blue wire on the right side of (5b) (fig 5).
5. Re-assemble the BMW adaptor (5a and 5b). Make sure the latch at the bottom snap back into position (fig 6).

Fig 1

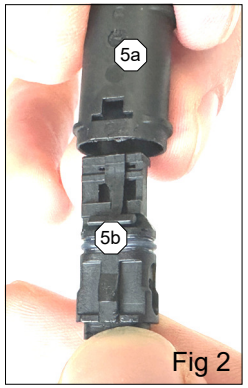

Fig 2

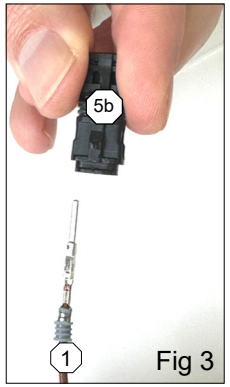

Fig 3

Fig 4

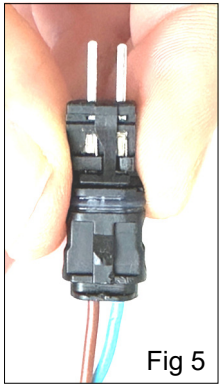
Fig 5

Fig 6

You can also check out our video here

Connect the LED light to the BMW electrical loom:

Once the connector is assembled, simply plug it to the BMW male plug from the bike.
You can tidy up the wires along the backbone using the cable ties provided.

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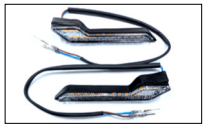
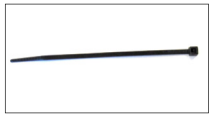
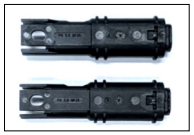
1 LED Amber Indicator	2 LED Backing Plate	3 Screw	4 Cable Tie	5 BMW Connector
				
PN: LED1-SEQ-AM	PN: LED-BP	PN: M3x12PHBK	PN: CT-98x2.5	PN: PLUG-BMW
Pcs. 1 Pair	Pcs. 1 Pair	Pcs. 4	Pcs. 4	Pcs. 4

IMPORTANT:
Observe any laws and regulations specific to your state and country. Obtain appropriate authorisation where necessary. *The LED Indicator lights and Position lights are E mark approved.*

CAUTION:
Installation of the LED lights is safety-relevant work and can be complicated. We recommend the installation be performed by a motorcycle service technician. Rideworx accepts no liability for damages caused by improper mounting. Be careful not to over tighten the four 3mm fixing screws as they are secured into plastic. Carefully follow all the directions given in the mounting instructions. Non-conformance can lead to damage to the vehicle or risk to the rider. Before installing this product, check with your local regulatory authority to see if it complies with local vehicle standards. Check operation of all lights before use. Do not ride the motorcycle if any lights are not operating correctly. Check periodically that all screws are tight and lights are operating correctly.

Disclaimer:
A failure to follow these fitting instructions could cause serious injury, death or property damage. By installing and/or using this product you acknowledge that you accept these terms and have followed the fitting instructions.

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