

# Bike BRO BMW R1200 GS Install Guide

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## 1.0 INTRODUCTION

This is a short guide to installing a Bike Bro DVR system. The bike used was a BMW R1200 GS 2015 model, but the principles of installation will be similar for most bikes.



Some basic tools are required for fitting, screwdrivers, side cutters, Allen or Torx keys and spanners depending on your bike.

The install took approximately 2-3 hours, but I'm not an expert on motorcycle maintenance and wasn't in a rush.

Any questions or queries drop us an email at [sales@nortek.co.uk](mailto:sales@nortek.co.uk) or call Nortek on 01260 276409.

## 2.0 MOUNTING THE CAMERAS

The cameras can be mounted horizontally or vertically, ideally somewhere they won't get knocked. The 3M sticky pads on the camera brackets are really strong, just clean the area first before applying. Alternatively the camera brackets can be screwed in place (screws are in the kit).



The camera wires were simply routed through the frame and secured with tie wraps. Some panels were taken off to make this task easier. There's an excellent video on Youtube on how to remove the panels on a BMW GS titled "R1200GSw Bodywork and Tank Removal and Installation 2013+" by jimvonbaden1.



### 3.0 POWERING THE DVR

Using the “Smart Power Supply” means we can connect direct to the battery, so we used an inline fuse holder with a 1A fuse to do this.



We then routed a pair of power wires through the frame up to the pillion seat where the DVR was located.



## 4.0 MOUNTING THE DVR

Find a DRY and ACCESSIBLE place on the bike to mount the DVR, usually under the seat is a good place. You'll need to be able to remove the SD card or change settings on the DVR once installed.



In this installation we used a **“Smart Power Supply”**. The Smart power supply works by switching on the DVR when vibration is detected, so this was securely strapped to the bike module under the seat. Using the smart power supply means we can take a power feed straight from the battery and doesn't require an ignition circuit, which can be difficult on a CAN bus based bike.



## 5.0 MANUAL CAPTURE BUTTON

Put a sticky pad on the back of the button and simply wrap the Velcro around and secure, route the cable to the DVR. The best way to route the cable is to follow the existing clutch cable so the wire doesn't snag.

The manual capture button allows you to Start / Stop the DVR, shows via the LED when the DVR is running, and captures events to the SD card that won't be overwritten. So here's how it was fitted to the handle bars within easy reach.



## 6.0 GPS

We didn't fit a GPS on this install, but it simply needs to be on the outside of the bike with a view to the sky to work. The cable just plugs into the side of the DVR.

## 7.0 2017 R1200 GS Install

More recent models of the R1200 GS, typically late 2015 onwards have an extra module for the ABS Pro under the pillion seat, which makes installation a bit tighter. However, one of our customers has fitted a unit and supplied pictures below. (Courtesy of Alan Pyke).

