

BD_SW_5BC_11 Yamaha R1 2015 onwards, 5 button right side – Stop/Run, Start, Up/Down, Select. Handlebar race switch for bikes with YEC and standard ECU – Type C for brake pump mounting.

This 5 button switch is designed for use on road or race bikes being fully compatible with the standard ECU as well as YEC or re-flash versions.

Unlike other race switch products currently available that require 'selection direction changing switches' this 'micro-processor' controlled assembly has simple and intuitive Up / Select / Down push buttons to easily navigate the dash controls even with gloves on.

No modification of the bike wiring is necessary, this kit plugs directly into the connectors of the standard loom. The wiring loom is also in 2 parts ensuring that crash damaged switches can be repaired or replaced in a modular way, no need to replace everything.



NOTE : For the 2020 onwards bike you will need the additional KT160 throttle housing.

Mounting

These 'Type C' switches mount directly onto our own brake pump clamp(s) and are adjustable left / right to suit the rider

Three types of clamp are available

BR-A – 32mm in-line bolts (standard), switch mount locations are 13 or 22mm to the right of the pump centre line (unless otherwise specified, this is the clamp we will supply)

BR-B – 30mm offset bolts to suit Brembo XR brake pump

BR-N – 32mm in-line bolts, switch mount offset of 13.5mm to the left of the pump centre line. Suits Nissin race pump and Brembo RC

BF-F – 30mm in-line bolts to suit Accosato brake pump

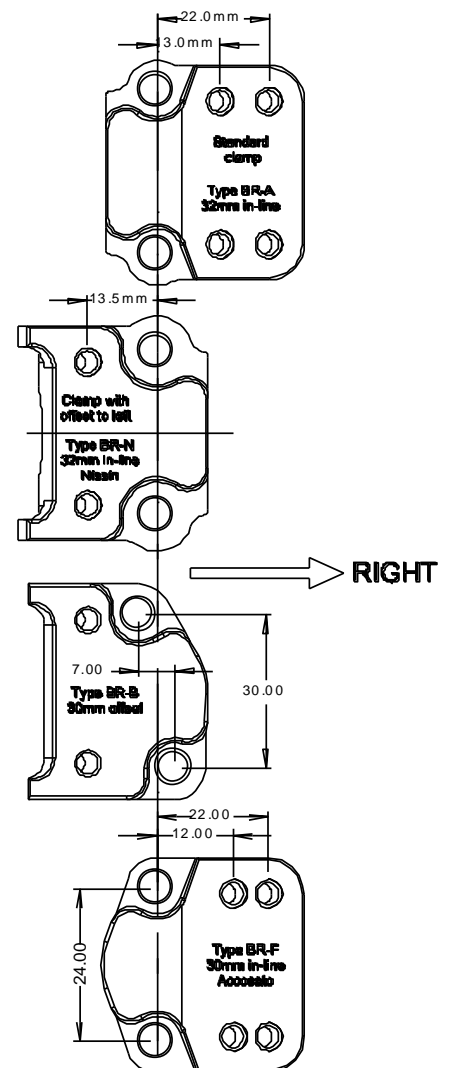
Specify clamp A or B at the time of ordering. Clamps are sold separately so there is no need to replace the switch if you change your brake pump.

IMPORTANT

Tighten the UPPER bolt first to achieve metal to metal contact, then use the lower bolt to clamp onto the handlebar



0.5mm of gap – Used for tightening the clamp.
 21.5 > 22.2mm dia bar



Bike Sport Developments Ltd

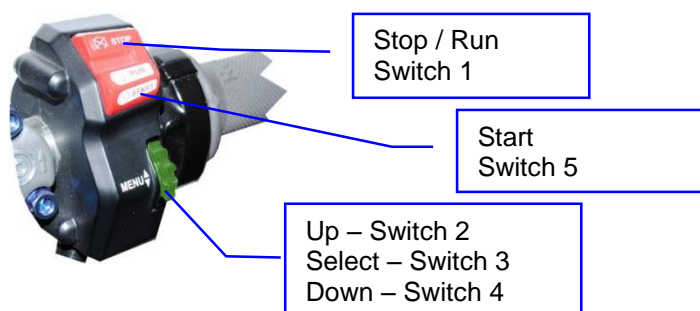
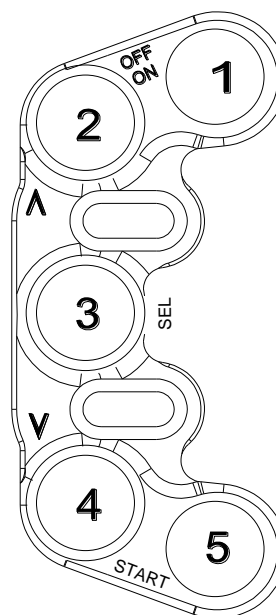
The Old Barn, Greatworth Hall, Greatworth, Oxon, OX17 2DH - UK

Tel 0044 (0)1327 263942 – mail@bikesportdevelopments.co.uk / www.bikesportdevelopments.co.uk

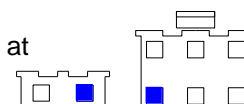


Switch functions

	Colour	Text on switch	Function
1	Red / Latching	OFF / ON	Stop / Run , push once for ON, and again for OFF
2	Black	∧	Dash control – UP, single press per step
3	White	SEL	Push to select (same function as standard wheel)
4	Black	∨	Dash control – DOWN, single press per step
5	Green / Momentary	START	Start – Engine start, push and hold



Brake switch wiring – For road bikes we can provide an addition section of wiring (on request at time of ordering). This plugs into the two spare connector locations highlighted in blue



Compatible left switch for YEC kit

BD_SW_5BC-08

Map / Up / Mode / Down / Pit



Compatible left switch for the standard ECU

BD_SW_42BC-10

Up / Mode / Down / Lap



Electrical / Mechanical Characteristics

Wire..... Type 55 / 24
 Switch sealing..... IP67
 Housing..... Aluminium

Coating..... Black anodise
 Dia (handlebar) 22mm (7/8")
 Wiring..... Plug n play

Ordering Information

Part No.	Connector	Description
BD-SW-5BC-11-A	Plug n Play	5 way right handlebar switch – Yamaha R1 – 2015 onwards – Complete right kit + 32mm in-line A clamp
BD-SW-5BC-11-B	Plug n Play	5 way right handlebar switch – Yamaha R1 – 2015 onwards – Complete right kit + 30mm offset B clamp
BD-SW-5BC-11-N	Plug n Play	5 way right handlebar switch – Yamaha R1 – 2015 onwards – Complete right kit + 32mm Nissin N clamp
BD-SW-5BC-11-P	Plug n Play	Replacement sub-loom wiring section with integral control PCB
BD-SW-5BC-11-SW	n/a	Replacement switch pod, excluding clamp and sub loom
BDC-BR-A	n/a	Replacement 32mm in-line clamp for brake – Standard clamp
BDC-BR-B	n/a	Replacement 30mm Offset clamp for brake – Brembo XR
BDC-BR-N	n/a	Replacement 32mm in-line clamp for brake – Nissin race pump
BDC-BR-F	n/a	Replacement 30mm in-line clamp for brake – Accosato

Note – For road bikes with brake light switch please specify at the time of ordering 'Road Bike'