

**BD\_SW\_4BC\_18 Ducati V4R (2019 on) Four button handlebar race switch**  
**Stop/Run, Start, DPL, PIT speed**

The aluminium assembly has been designed specifically for the V4 with 'plug n play' connectors and ergonomic adjustable mounts direct to the brake pump.

- Red , Stop/Run
- Black , DPL (launch)
- Green , Starter
- PIT speed

No modification of the bike wiring is necessary, this kit plugs directly into the connector of the standard loom.



**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

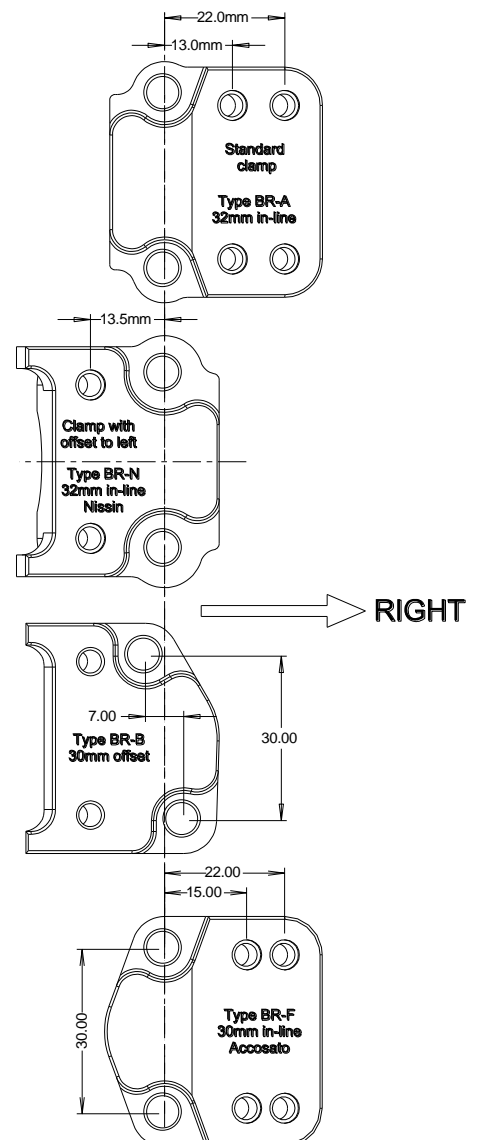
**A** – 32mm in-line bolts (standard), switch mount locations are 13 or 22mm to the right of the pump centre line (**unless otherwise specified, this is the clamp we will supply**)

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

**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

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

Specify clamp A, B or N 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



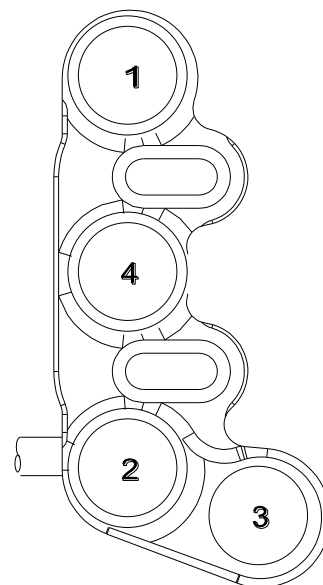
**0.5mm of gap** – Used for tightening the clamp.  
 21.5 > 22.2mm dia bar

**Fitting instructions – 4BC-18 Right side**

1. Remove the throttle twist grip assembly
2. Pull out the electrical connector from the side of the standard right switch ‘ snap fit’
3. Use Ducati tool 887134967 or Bike Sport Developments tool BDD1734 to release the retaining clip and slide the standard right switch cluster off the handlebar.
4. Remove the standard brake clamp, two bolts
5. Fit the new brake clamp, ensuring it is fitted as per the arrows:
  - o Tighten the top bolt first, hand tight
  - o Tighten the lower bolt next to hand tight
  - o Tighten both to manufacturers torque settings starting with the top bolt first.
6. Fit the 4BC-18 switch pod to the new clamp with 2 x M5 cap screws.
7. Connect the new 4BC-18 switch wiring and the original Ducati switch wiring under the dummy fuel tank cover, we suggest you retain both together using a cable tie. This adds extra security against them coming apart in use. In this way the main wiring loom of the bike is not damaged during a crash.
8. Re-fit the ignition cover panels and fuel tank cover.
9. System can be verified as working simply by using the controls to navigate within the dashboard as normal
10. Note : If when turning ON the ignition you have the hazard warning lights flashing, re-check all connections.

**Function:**

1	RED	RUN/STOP	Latching
2	GREEN	START	Momentary
3	YELLOW	DPL	Momentary
4	BLACK	PIT	Momentary



**Electrical / Mechanical Characteristics**

Wire..... Type 55 / 24  
 Switch sealing ..... IP67  
 Housing.....Aluminium  
 Coating..... Black anodise

Dia (handlebar) .....22mm (7/8")  
 Max width ..... 20.5 mm  
 Min width at centre ..... 20.0 mm  
 Weight ..... 85 g

**Ordering Information**

Part No.	Connector	Description
BD-SW-4BC-18-A	Plug n Play	4 way handlebar switch for Ducati V4R - Complete right kit + 32mm in-line standard A clamp
BD-SW-4BC-18-B	Plug n Play	3 way handlebar switch for Ducati V4R - Complete right kit + 30mm offset B clamp Brembo XR
BD-SW-3BC-18-N	Plug n Play	3 way handlebar switch for Ducati V4R - Complete right kit + 32mm Nissin / Brembo RC
BD-SW-3BC-18-F	Plug n Play	3 way handlebar switch for Ducati V4R - Complete right kit + 30mm in-line – F clamp Accosato