

BD_SW_8B_04 Eight button (7 function) handlebar race switch

- **Ducati V4 (2017 on)**

This switch is a direct replacement for the standard left hand multi-function switch assembly found on the Ducati V4, it features all of the standard controls needed for a track bike in a billet machined aluminium body. But has none of the road bike functions such as headlights, turn signals, horn.

The kit includes

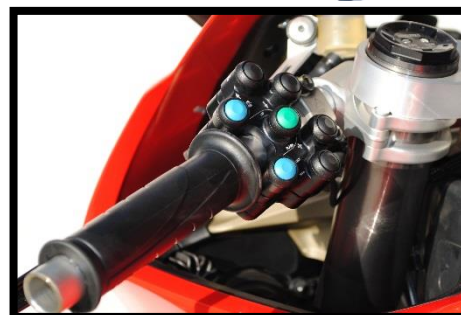
- 1 x left switch assembly 8B-04
- 1 x LIN Control module KT146

Each switch is IP67 sealed featuring gold contacts and connects to the bike via a 'plug n play' external control module via high temperature Raychem race wire. No modification of the bike wiring or steering stops are necessary

Your existing bike wiring loom simply plugs into our control module located near the ignition switch under the fuel tank cover. This also protects the bike wiring against crashing as it would not be damaged in the event of losing the left switch (handlebar) in a crash.

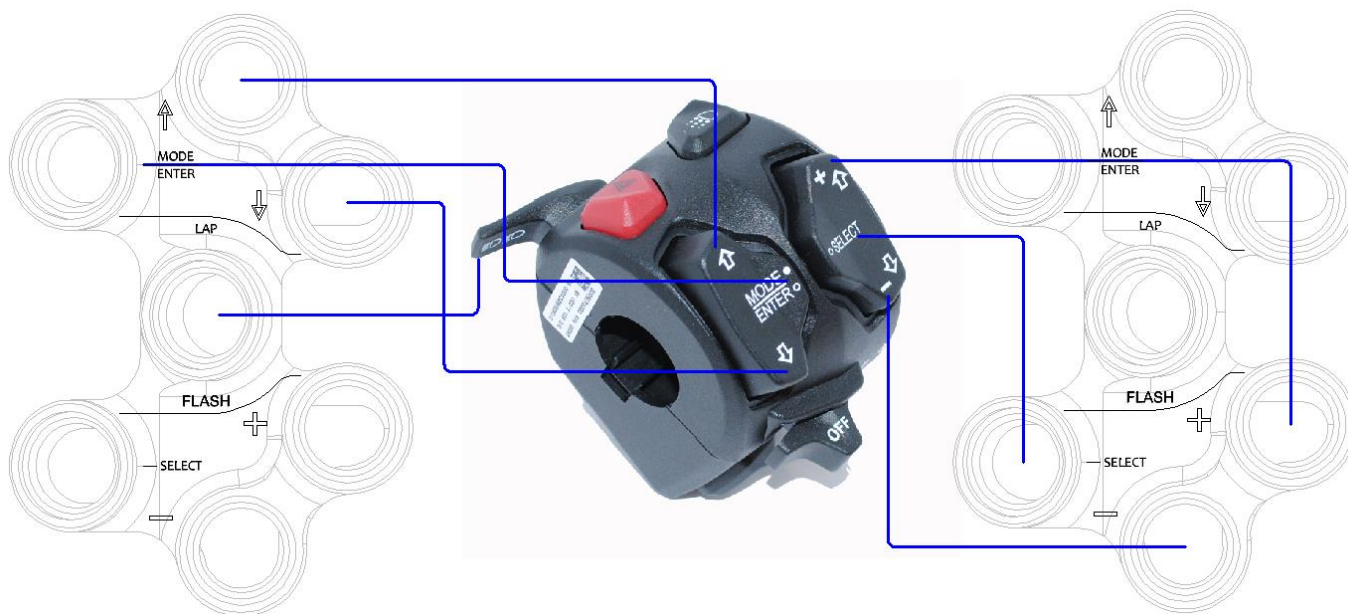
Controls are grouped ergonomically so the most important rider mode functions are close to the thumb in the lower section of the switch. The Lap-Set is duplicated front centre and rear allowing the rider to choose whichever position is easier. This leaves the dash layout controls in the upper section as these are not typically needed during performance riding

FITTING NOTE / IMPORTANT – When installing this switch, tighten the upper M4 screw first to full tightness, This should close the upper body fully and leave no gap, then use the lower M4 screw to pinch tighten the switch on the bars. Handlebars from 22.2 down to 21.8 can be used.



Switch functions

Note: The Lap / Flash function is also duplicated on the rear, you can use whichever is easier to reach.



	Text on switch	Function
BLACK	↑	Dash mode UP function
BLACK	↓	Dash mode DOWN function
BLUE	MODE / ENTER	Dash MODE / ENTER function
GREEN	LAP / FLASH	Lap Set and Flash headlight function, duplicated on rear
BLACK	+	Rider control PLUS function
BLACK	-	Rider control NEGATIVE function
BLUE	SELECT	Rider control SELECT function
GREEN / REAR	FLASH / LAP	Lap Set and Flash headlight function, duplicated on front centre

For customers who want a matching right side switch
 Order part number **BD-SW-3B-15**



Fitting instructions

1. Remove the front fuel tank cover
2. Remove the ignition key lock cover panel
3. Remove the left side handlebar weight and rubber grip
4. Pull out the electrical connection from the standard switch block. This is just a snap fit, there is no latch to release.
5. Use Ducati tool 887134967 or Bike Sport Developments tool BDD1734 to release the retaining clip and slide the standard switch cluster off the handlebar.
6. Fit the new BD-SW-8B-04 switch cluster to the handlebar. **IMPORTANT** : Tighten the upper M4 screw first to full tightness, This should close the upper body fully and leave no gap, then use the lower M4 screw to pinch tighten the switch on the bars. Handlebars from 22.2 down to 21.8 can be used.
7. Route the wire following the clutch line and then route to the right side of the ignition switch as shown in the pictures
8. Re-route the standard switch connector back under the fuel tank cover and leave on the right side of the ignition switch
9. Plug the standard bike wiring (6 way min-block connector) into the KT146 control module and secure in place using the small cable tie we supply in the kit. There is a loop in the plastic body of the control module for this.
10. Plug in the white 8 way from the new switch cluster to the KT146 module
11. Re-fit the handlebar grip and bar end weight.
12. Re-fit the ignition cover panels and fuel tank cover.
13. System can be verified as working simply by using the controls to navigate within the dashboard as normal
14. Note : If when turning ON the ignition you have the hazard warning lights flashing, re-check all connections.

Electrical / Mechanical Characteristics

Wire.....	Type 55 / 24	Dia (handlebar)	22mm (7/8")
Switch sealing	IP67	Width	53mm
Housing.....	Aluminium	Weight	g
Coating.....	Black anodise		

Ordering Information

Part No.	Connector	Description
BD-SW-8B-04	'plug n play'	8 way (7 function) handlebar switch – Ducati V4

Module installation / wire routing

