BATTERY DISCONNECT SWITCH TERMINALS

Battery Switch Terminals are primarily designed to prevent battery drain by providing a quick and safe way to completely disconnect the negative terminal of a battery. Simply unscrew the plastic knob one 1/4 turn and the battery is disconnected. To restore power, screw the knob down again.

A secondary application of this product is for use as an anti-theft device. By completely removing the knob, the vehicle cannot be started. Installing the included fuse holder (to bypass the switch) allows power flow to low current accessories ie. alarm, clock or door locks, but high current loads like a starter motor will not function until the knob is re-installed. The fuse can be removed to completely disconnect power.



BMS-1 (Kit - Suit Top Post)



BMS-2 (Kit - Suit Side Post)

Part Number	Description
BMS-1	Top Post Battery Switch Kit
BMS-2	Side Post Battery Switch Kit

Both Kits Contain:
1 x Battery switch.
1 x Inline mini fuse holder.
1 x 20A Mini fuse.
2 x Crimp terminals.
1 x Wing nut & bolt.



Ampere Rating: 100A continuous, 600A cranking.
Notes: Suitable for boats. Recommended by inboard and outboard motor manufacturers using DFI / FFI / EFI electronic fuel injection systems, but use without fuse and holder.

Refer to pages 2 & 3 for installation instructions

BMS-1 Installation instructions:

Please read all instructions before installing the product.
The battery switch is designed to be connected to the negative battery terminal.

Caution:
Batteries can release explosive gases. Please keep cigarettes, flames and sparks away from the battery and ensure the area is well ventilated. This product is designed to cut power only when the engine is switched OFF. Do not operate the battery switch when the starter motor is in operation. Always wear eye protection.

Installing the optional fused bypass circuit:
This product includes an inline fuse holder that can be wired to the battery switch as an optional bypass circuit. By installing the holder with a fuse fitted, power will continue to flow through the vehicle even when the battery switch is turned OFF. Therefore, the battery will discharge at the same rate as if the switch were ON. Power would only be completely cut when the fuse is removed from the holder. The purpose of this circuit is when you intend to use the switch as an anti-theft device ie. removing the plastic knob. By installing the bypass circuit, low power circuits will continue to operate ie. central locking, clock etc. whilst high power circuits such as the starter motor will not be able to operate until the battery switch knob is reinstalled and screwed into the ON position. If you try to start the car with the battery switch OFF, the fuse will blow. If you wish to install the fuse holder, strip each end of the cable and crimp a ring terminal to the exposed wire. Make sure the crimp is secure by trying to pull the terminal off the wire using measured force.

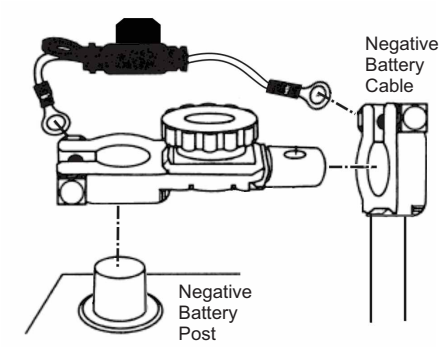
Steps:
1. Turn OFF the vehicle.
2. Completely remove the plastic knob from the battery switch (it is now OFF).
3. Connect the fuse holder to the battery switch negative terminal clamp bolt (optional).
   Make sure the fuse is removed from the fuse holder.

4. Disconnect the negative battery cable from the battery.
5. Connect the battery switch to the negative battery terminal.

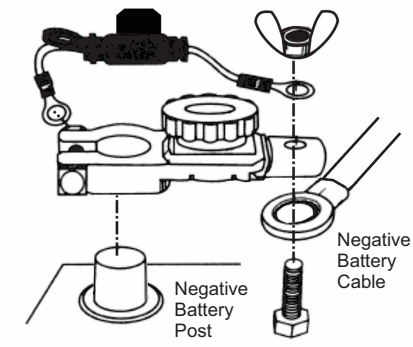
6. Connect the negative battery cable to the battery switch.
   There are 2 possible configurations for connecting the negative battery terminal to the battery switch.
   Follow the illustration that best suits your configuration. Connect the fuse holder at the same time (optional).
   Make sure the negative battery cable is fitted in a way that allows the battery switch to connect to the battery.

7. Screw the plastic knob into the battery switch all the way down into the ON position.
8. Power is now restored to the vehicle and it should be fully operational whilst the battery switch is ON.
9. Insert the included fuse into the fuse holder (optional).
   Remember if you try to start the car with the battery switch OFF, the fuse will blow.

BMS-1
Configuration 1.



BMS-1
Configuration 2.



BMS-2 Installation instructions:

Please read all instructions before installing the product.
The battery switch is designed to be connected to the negative battery terminal.

Caution:
Batteries can release explosive gases. Please keep cigarettes, flames and sparks away from the battery and ensure the area is well ventilated. This product is designed to cut power only when the engine is switched OFF. Do not operate the battery switch when the starter motor is in operation. Always wear eye protection.

Installing the optional fused bypass circuit:
This product includes an inline fuse holder that can be wired to the battery switch as an optional bypass circuit. By installing the holder with a fuse fitted, power will continue to flow through the vehicle even when the battery switch is turned OFF. Therefore, the battery will discharge at the same rate as if the switch were ON. Power would only be completely cut when the fuse is removed from the holder. The purpose of this circuit is when you intend to use the switch as an anti-theft device ie. removing the plastic knob. By installing the bypass circuit, low power circuits will continue to operate ie. central locking, clock etc. whilst high power circuits such as the starter motor will not be able to operate until the battery switch knob is reinstalled and screwed into the ON position. If you try to start the car with the battery switch OFF, the fuse will blow. If you wish to install the fuse holder, strip each end of the cable and crimp a ring terminal to the exposed wire. Make sure the crimp is secure by trying to pull the terminal off the wire using measured force.

Steps:
1. Turn OFF the vehicle.
2. Completely remove the plastic knob from the battery switch (it is now OFF).

3. Disconnect the negative battery cable from the battery.

4. Connect the battery switch (using non-threaded hole) to the negative battery terminal.
   Connect the optional fuse holder at the same time. Make sure the fuse is removed from the fuse holder.

5. Connect the negative battery cable to the battery switch (using threaded hole), a washer may be required.
   Connect the optional fuse holder at the same time.

6. Screw the plastic knob into the battery switch all the way down into the ON position.
7. Power is now restored to the vehicle and it should be fully operational whilst the battery switch is ON.
8. Insert the included fuse into the fuse holder (optional).
   Remember if you try to start the car with the battery switch OFF, the fuse will blow.

BMS-2

