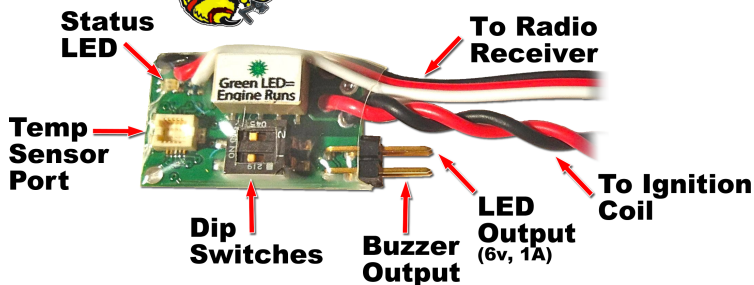




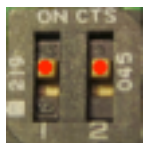
R/C GAS KILL SWITCH



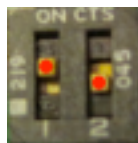
INSTALLATION

The Super Bee kill switch should be placed in a water resistant radio/battery box on your RC vehicle. Plug the main kill switch unit into the Aux channel on your radio receiver, or if your radio doesn't have an Aux channel you will need to plug the Super Bee into your steering channel with a Y-splitter cable. With some radio receivers you may need to trim off the tab on the J-plug connector to get the Super Bee to plug in to your radio receiver. Connect the gray Killer RC ignition cable to the ignition coil terminals. Polarity doesn't matter. (For Marine style ignition coils connect black wire to black wire on ignition coil; ground red wire to engine case.) Zip tie ignition cable away from the flywheel, and any other moving parts.

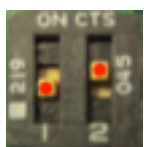
DIP SWITCH SETUP



Switch 1 up, Switch 2 up
Aux active, Glitch kill active
(For radios with an Aux channel)



Switch 1 up, Switch 2 down
Aux active, Glitch kill inactive
(Use at your own risk)



Switch 1 down, Switch 2 up
Aux inactive, Glitch kill active
(For radios with no spare channels)



Switch 1 down, Switch 2 down
Aux inactive, Glitch kill inactive
Safety override. Engine can run at all times, except during battery power loss, low voltage, or high engine temp. (Use at your own risk)

STATUS LED

- Power off - LED off - Engine killed
- Solid Green - Aux switched on - Engine can run
- Solid Red - Aux switched off - Engine killed
- Flashing Red - Engine killed

- Flashing Green - Safety override - Engine can run
- Flashing Red/Green - 5 second kill period
- Flashing Green/Amber - Low Voltage - Engine killed
- Flashing Red/Amber - High engine temp - Engine Killed (temp sensor optional)

LOW VOLTAGE CUTOFF

When you turn on the radio receiver power, the LED on the Super Bee will flash amber a number of times, letting you know how the low voltage mode is set. This feature allows you to protect your battery from over-discharge. Once the receiver battery voltage gets down to the set point the Super Bee will kill the engine. The LED output will flash the LED lights (optional part) once the battery gets within .2v of the cutoff point.

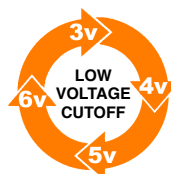
To change the voltage cutoff point: During the first 5 seconds after turning on the radio receiver power you need to cycle the #1 dip switch up/down or down/up to move to the next set point. 3v to 4v to 5v to 6v and then back to 3v. For example: if you are set at 4v cutoff and you wanted to move up to 6v cutoff you would need to cycle the #1 switch back and forth two times. This setting is remembered.

3 Amber flashes = 3v cutoff

4 Amber flashes = 4v cutoff (default, 5 cell NiMH)

5 Amber flashes = 5v cutoff (2S LiFe)

6 Amber flashes = 6v cutoff (2S LiPo)

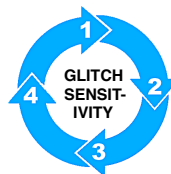


ADJUSTABLE GLITCH SENSITIVITY

When you turn on the radio receiver power, the LED on the Super Bee will first show the Low Voltage Cutoff status, and then it will show the Glitch Sensitivity status, which will be a green LED. The optional Killer RC Buzzer will also sound a tone in unison with the flashing LED. There are 4 levels of glitch sensitivity. One green LED flash is the most sensitive (factory default). Four green LED flashes is the least sensitive. Leave the sensitivity at setting #1 unless your RC vehicle is experiencing small glitches or the ignition firing seems to be irregular.

To change the glitch sensitivity: During the first 5 seconds after turning on the radio receiver power you must cycle the #2 dip switch up/down or down/up to move to the next set point. Example: #1 to #2 to #3 to #4 and then back to #1. You should then be able to see a change in the number of green LED flashes and buzzer tones.

To minimize radio glitches we highly recommend that you use the Killer RC gray ignition wiring, which has an Electro Magnetic Interference filter installed on the cable. If you are experiencing unusual radio glitches try a new spark plug. Spark plugs can have internal damage that can cause radio noise. Use a "resistor style" spark plug.



FOR SPEKTRUM RADIOS USERS



With Spektrum brand radios you must only use Glitch Sensitivity level 1 (one green LED flash during power-up). Also, when using a Spektrum with an Aux channel be sure to set the radio's built-in failsafe properly to prevent it from overriding the Super Bee. Visit the Killer RC forum for detailed instructions on radio setup.



Website: www.KillerRC.com

Email: info@KillerRC.com

Visit the [Killer RC Forum](#) for more detailed info about the Super Bee and how to set up your radio.

