

# AutoSwitch<sup>™</sup>

Patent Pending Made In USA of Imported Parts printed in USA

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Ideal 2nd AutoSwitch  
On Same Vehicle

Model 5PG2  
+ 12 Volt Trigger (2 quick pulses)

Model 5NG2 Available  
For -12V Trigger BMW

## READ Through BEFORE Starting Please! INSTRUCTIONS

**This device is designed to control a radio transmit remote garage door opener by means of a timed 1 second contact closure on the 2 white-black cable which connects to mechanical switch contacts inside controller housing**

**Thank you for ordering Autoswitch.** The better smarter way to control your garage door opener on motorcycles, Cars, ATVs etc.

### THE BASICS:

**Red wire to 12volts after ignition switch, Yellow to the high beam wire, Black to ground. White/Black Cable to remote garage opener. WIRING DIAGRAM ON REVERSE SIDE OF THIS PAGE!**

### DETAILED INFORMATION, GENERALIZED FOR MANY MOTORCYCLES:

1. If not previously prepared by Antenna World or your dealer, carefully connect 2 wires inside your garage opener at the points you determine are being closed when opener button is pressed. (Use a continuity or Ohm meter) If you are unable to perform this task, Antenna World will do it for a flat fee \$20.00 postpaid if you send us your opener and Autoswitch.

2. Autoswitch wiring :Learn where your main wire harness is located, Or find the required wires along the frame. In case you must remove the fuel tank , It will be best to wait until you have it near empty for easier handling. Some bikes' wire harness can be accessed by removing tank bolts and sliding the tank back.

3. Use a VOLTMETER or Test Light. Locate a 12 volt wire that is gets power only when you turn on the ignition. This will be the Autoswitch main power (RED). Pull that wire a bit away from the rest of the bundle. Then use the included wire-snap clips to grab onto the wire and the RED Autoswitch wire.. Close and snap together the connector housing using a pair of plyers.

**NOTE! Be sure you used a wire which is NOT switched OFF when you activate your high-Beam!**

**WARNING! BE SURE YOU DID NOT LOOSEN OR PULL YOUR HEADLIGHT WIRE OR CONNECTOR FROM ITS CONNECTOR BLOCK. CHECK YOUR WORK CAREFULLY! NOTHING SHOULD BE DISCONNECTED, AUTOSWITCH JUST "LOOKS" AT OR SAMPLES YOUR HEADLIGHT VOLTAGE AND NEVER INTERRUPTS IT.**

4. Locate the wire that gets voltage when you turn on the high beam. Just switch the high beam on and off while probing with from rear of the connector block and watch the voltmeter.. Once you locate the right wire attach the YELLOW wire from the Autoswitch with the wire-snap clip as in step 3. Great alternate: Use the brake light bulb wire. (Two quick taps on the brake lever is all you need to open the garage.) Locate the brake light bulb wire same as described for high beam.

5. Now connect the black and white wire pair from Autoswitch (black/white cable) to the 2 wires connected inside your opener. Then position your opener away from, and not covered by large metal plates. Or under your seat or where its covered by your body. The best radio signal range is having your opener strapped or attached to a non metallic part. Or with metal on only one side. Experiment for best radio control range.

6. Select the BLACK wire from Autoswitch and connect it to chassis ground or the neg battery terminal. **Now test Autoswitch** for proper operation! The LED will light RED upon power up for 1 second. Now, tap high beam on and off twice rapidly or tap the brake lever twice all in under 1 second to sequence your opener. The LED lights up during the contact closure to the opener.

7. Take the thin Dual-black LED cable and route along to a convenient location on the bike near your instrument pod or handlebars. The LED should point at your eyes for brightest light. Tie it down with a tie-wrap 1" down from the LED itself so you can adjust for best angle depending on your preference for night and day brightness. Tie the wire along securely and be sure the tank will not be pinching it when it is replaced! This LED can also be mounted in a small hole. LED warning: If you cut cable to shorten or lengthen be sure wires never short circuit with power on unit. This kills the processor.

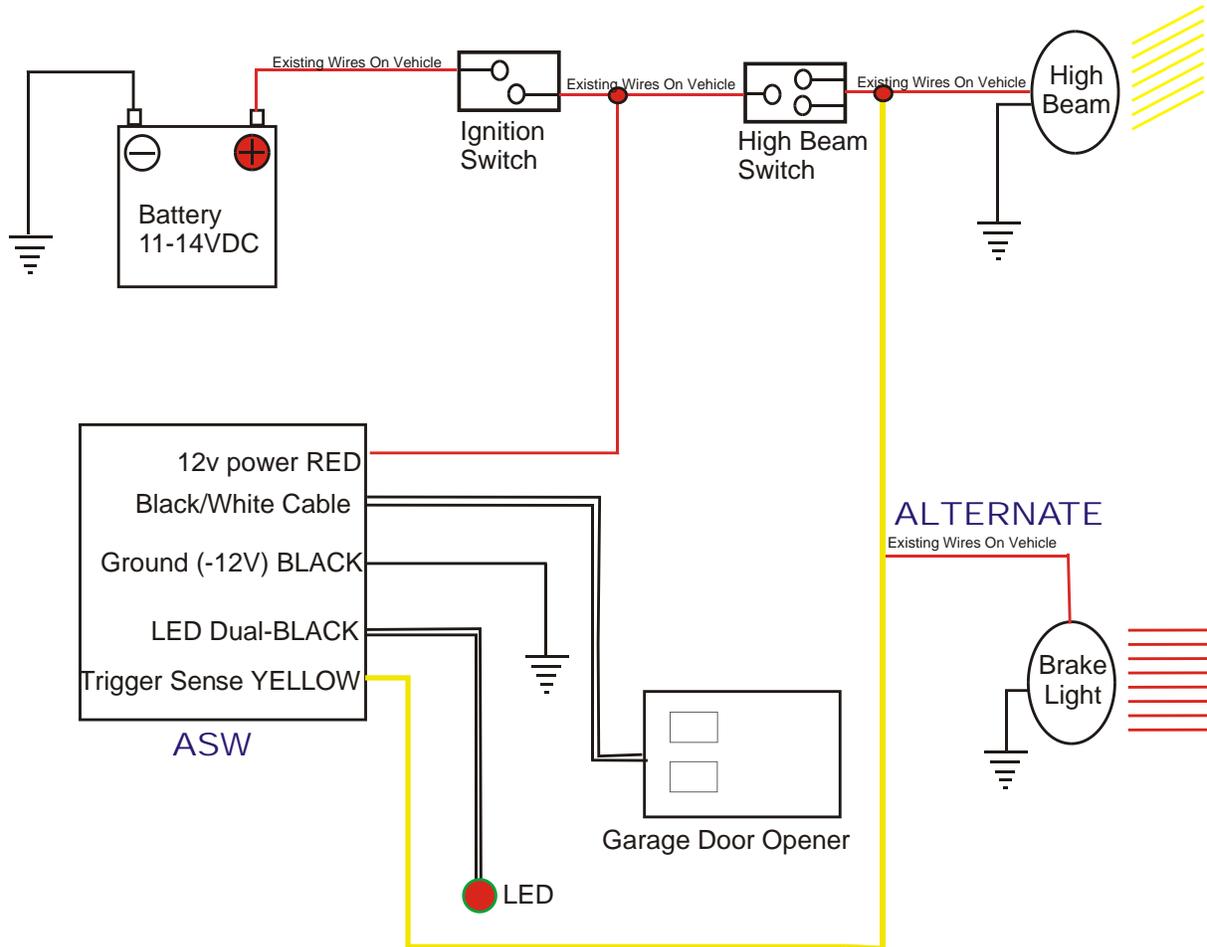
8. Now wrap up the wires you just connected for Autoswitch and tuck the Autoswitch into an out-of-the-way place and use the larger tie-wraps to secure it. **OR** find a flat spot and stick the housing to it after removing the high-adhesive tape backing.. Secure the wires with the small tie-wraps and cut off excess.

**WARNING:** Keep these wires away from heat, just as your wiring harness is protected, these wires' insulation will melt with high engine/exhaust heat.

Antenna World, Inc.  
AutoSwitch  
Model 5PG2  
Made IN USA  
w/Imported &  
US Parts

## AUTOSWITCH 5PG2

10/2005



Model 5PG2 takes 2 Quick Pulses Before The timing For Model 5P Starts. Allows 2 AutoSwitches on Board to Control Separate Relays!