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## Pingel® 1, 2, 3 or 4 Coil Electronic Engine Kill Module Installation Instructions for the Pingel® Easy Shift™ Kit

This unit interrupts the ignition when shifting which allows you to make clutchless, full throttle shifts at the touch of a button. When the blue activation lead is grounded a timed signal is sent to the four brown wires. This is what actually kills the engine for the proper amount of time to perform the shift. The engine kill time is adjustable between 40 and 110 milliseconds. This kill module is preset at **90ms**. Mount the Electronic Engine Kill Module in a clean, dry place away from heat and moving parts. Note: the Electronic Engine Kill Module is supplied with Velcro for the bottom of the box to secure it.

### Wiring

The brown wires get spliced onto the coil signal leads by using the blue quick tab connectors provided. Use one brown wire for each coil and cut and tape any unused brown wires (i.e. if your bike only has two or three coils). The 3 prong round connector plugs directly into the wiring harness that is located near the control module, see photo.

### Setting Kill Time

The kill time has been preset at **90ms**, this may not be correct for every application. Kill adjustment is set by moving the dip switches to the desired time on the chart

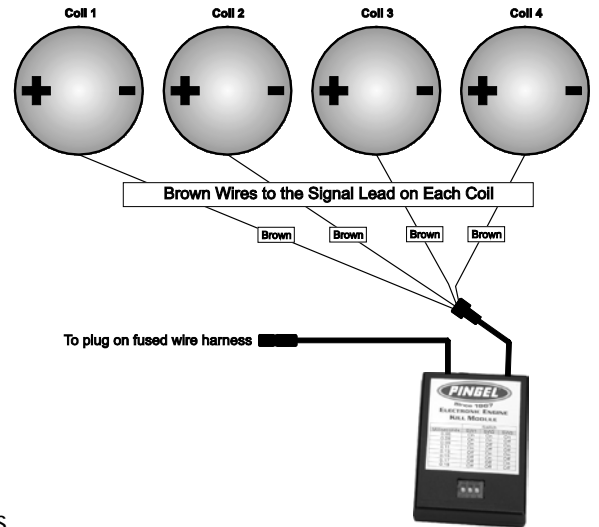
### Testing kill time

Start the motorcycle and at idle pull in clutch and depress the down shift button. If the motorcycle stalls adjust the kill time shorter. Put the motorcycle in neutral, start the engine and try again. If the engine still stalls repeat the above step until it does not stall. After you have the unit adjusted so the motorcycle does not stall at idle when the down shift button is depressed, go for a ride and depress the upshift button while leaving the throttle open and do not pull in the clutch. The motorcycle should slide right into the next gear; if the motorcycle goes into a false neutral position or stays in the same gear, you will need to adjust for more kill time.

**Note: On some models the FI light may come on when using the engine kill module. This will not harm the motorcycle and will reset when the ignition is turned off.**

**Note: If using this product in conjunction with nitrous oxide, the nitrous system must also be killed with the ignition in order to prevent engine damage.**

**CAUTION: Do not connect the brown wires to the positive side of the coil! Damage to the kill module will result and not be covered under warranty.**



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