

Introduction

This application note describes how to install an SMT6 as a stand-alone ignition system.

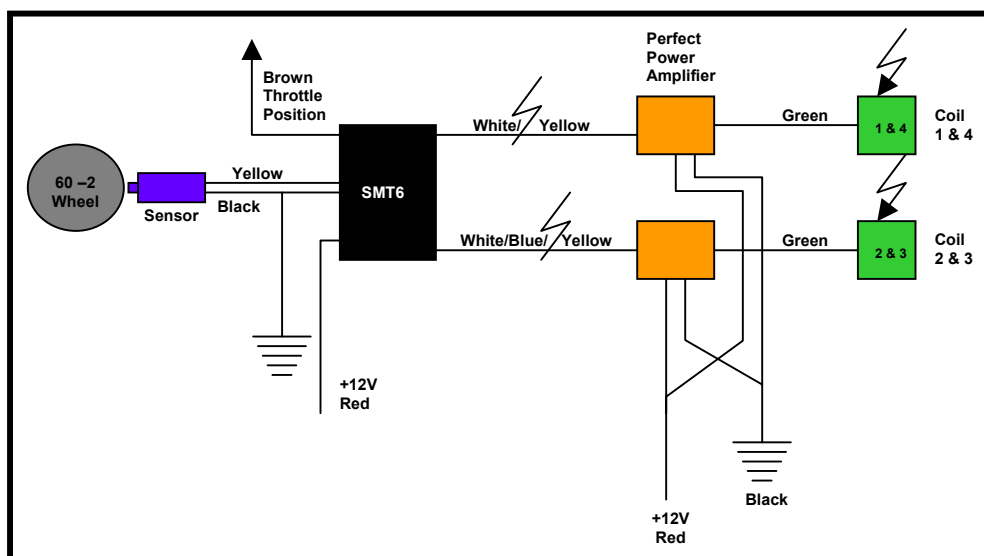
Applications

The SMT6 can be set up in two different applications.

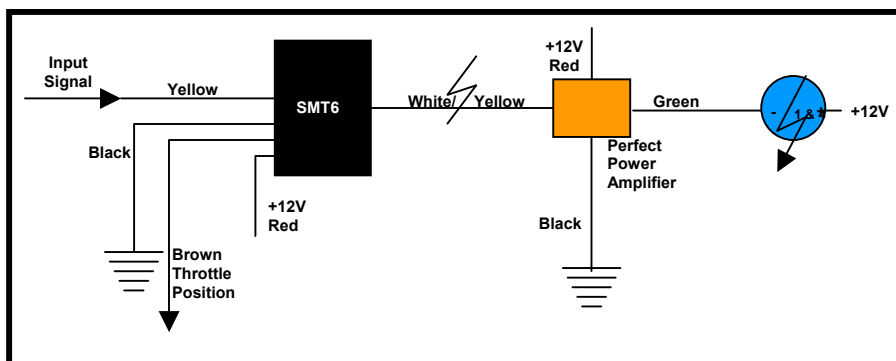
1. A four cylinder, wasted spark system. If you wanted to run a four cylinder wasted spark engine you would need to run a 60 – 2 wheel, and
2. A single coil and distributor application, you would need a single pulse input and output.

On both applications, you can set a dwell time and a rev limiter.

Wasted Spark Application Diagram:



Single Coil Application Diagram:



If using the Wasted Spark Application, you will need to switch "ON" the "Multi Coils" option in the "System Config" screen in the SMT6 Windows Tuning Software:



Conclusion

Although we do not strongly advise that the SMT6 is used in a Stand-alone application, this is still possible. Please remember that the SMT6 unit has been designed to be a "piggy back" unit and not a full stand-alone system. The SMT6's capabilities are limited in a stand-alone system.