



## **Mod Motor Additional Installation Instructions**

- 1) Coil brackets are available from Power Grid Inc. [www.powergridinc.com](http://www.powergridinc.com). The number is 586-484-7185.
- 2) Use MSD plug wires PN 32823 with the Power Grid brackets
- 3) You must use your existing crank and cam connectors/pigtails. The mating 3 way connector/terminals are provided. You must connect the crank pigtail (blue with black stripe wire) to the red wire (pin A) on the main wire harness marked Mod Crank. The other wire goes to pin B on the main wire harness marked Mod Crank and the shield goes to pin C.
- 4) You must connect the cam pigtail (blue with orange stripe wire (Mustang)) or (Dark Green (Lightning)) to the red wire (pin A) on the main wire harness marked Mod Cam. The other wire (grey with red (Mustang)) or (light blue (Lightning)) goes to pin B on the main wire harness marked Mod Cam. If you decide to install a shield, connect it to pin C on the main wire harness marked Mod Cam.
- 5) This kit uses the GM IAC motor for idle speed control. The IAC adapter can be purchased from Power Grid (586) 484-7185, Precision Turbo & Engine (219) 996-7832 or Injection Connection (215) 675-8515.
- 6) The Override Cam Sync Test box must be checked in the Operating Configuration tab.
- 7) The coil harnesses are marked for each coil. A quick reminder is that the red wire must go to cylinders 1 & 8 on their respective banks.
- 8) UEGOR is used to detect the 36-1 missing tooth on the crank trigger wheel. The value needs to be 28. If it is something other than this number, then there is a synchronization problem between the cam and crank.