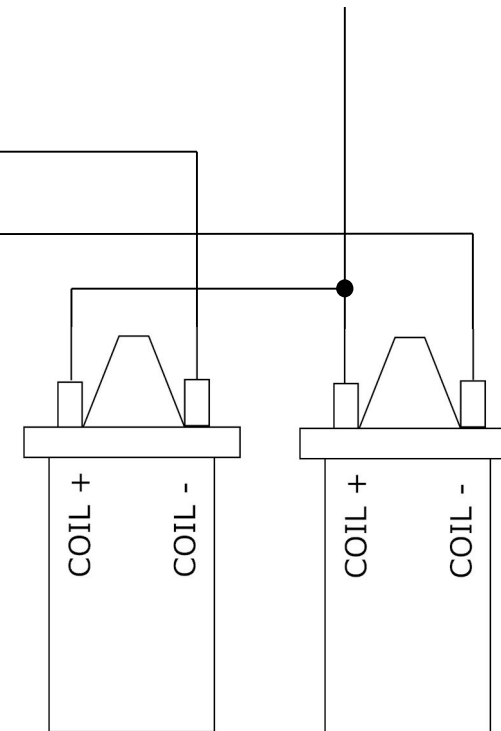



+12V POWER TO IGNITION COILS



Notes:

- 1) This ignition module is designed to be used only with inductive ignition coils designed for electronic ignition. Typically these will have a primary coil resistance of between 0.5 - 1.0 Ohms. Lower resistance coils that are designed specifically for CDI systems must not be used. Older coils designed for points can be used, but many of these have a higher primary resistance (2-5 Ohms) and will give reduced performance.
- 2) The digital signals from the ECU's ignition drives control both the ignition coil's charging time (dwell) and the timing of the spark event. Charging will begin on the rising edge of the waveform and the spark event will occur on the falling edge. Therefore, the ECU's ignition drives must be configured as a falling edge trigger.
- 3) This ignition module limits the coil's primary current to approx 7.5A. The dwell settings in the ECU should be set appropriately for the ignition coil being used so that the primary current reaches a maximum of 7.5A. Using higher dwell settings than this in conjunction with this ignition module will not result in increased spark energy, but is likely to result in failure of the ignition module.

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