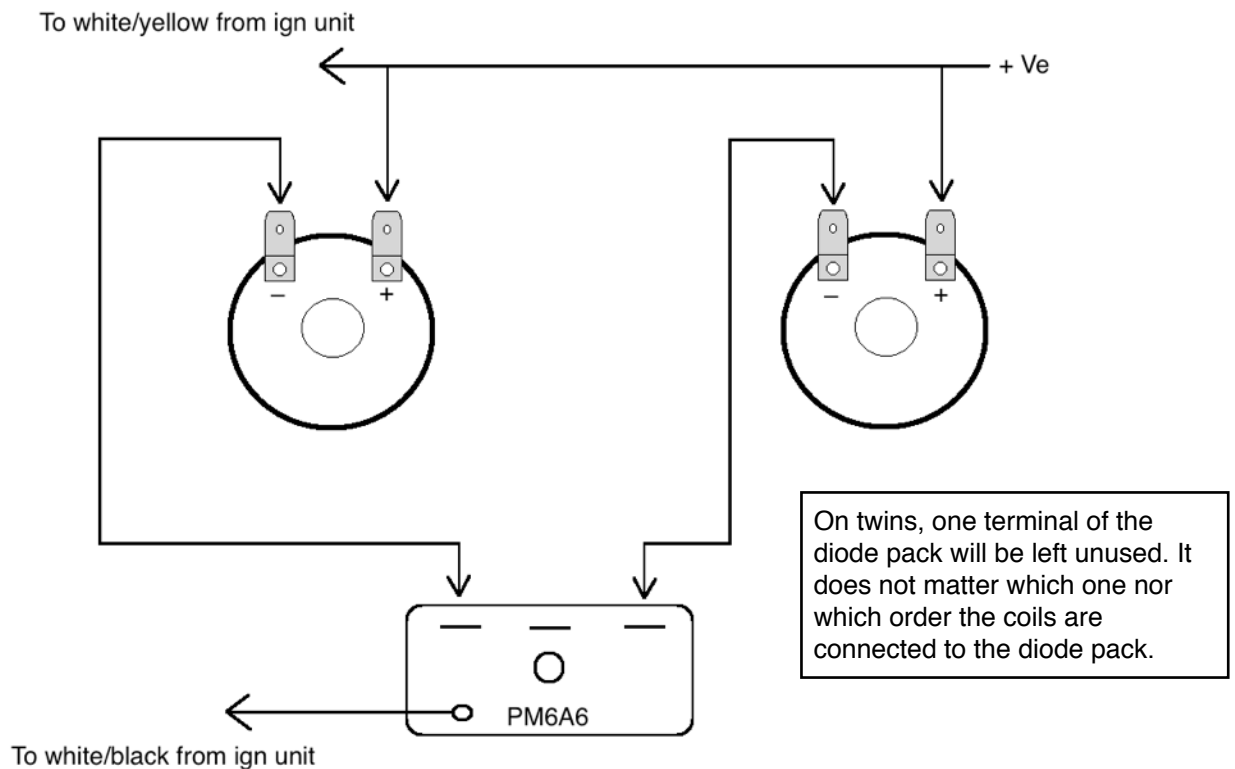


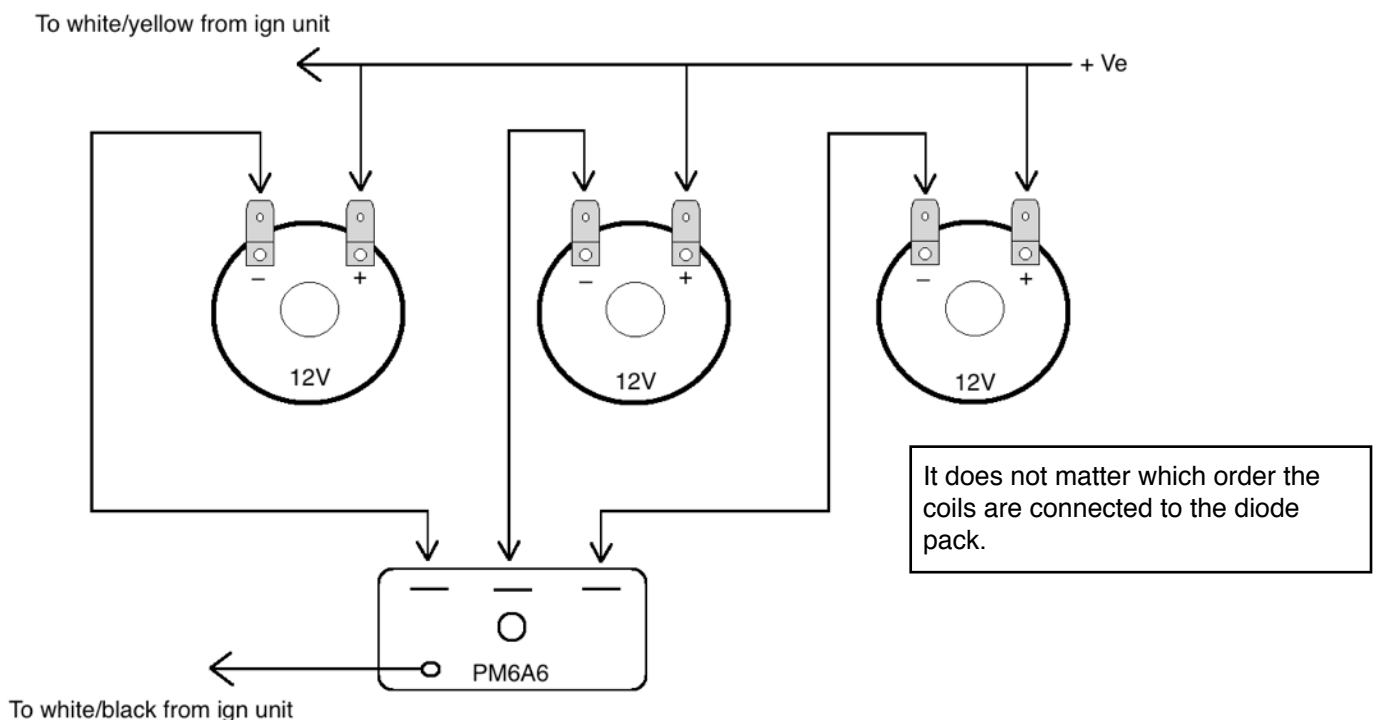
Coil Configurations With Rex's PM6A6 Diode Pack

A diode pack is usually used with 'V' twins and parallel twins equipped with two individual HT coils. The use of 6 volt coils on 12 volt systems caused confusion for owners, so a diode pack was adopted to allow the coil's voltage to be the same as that of the machine's charging system.



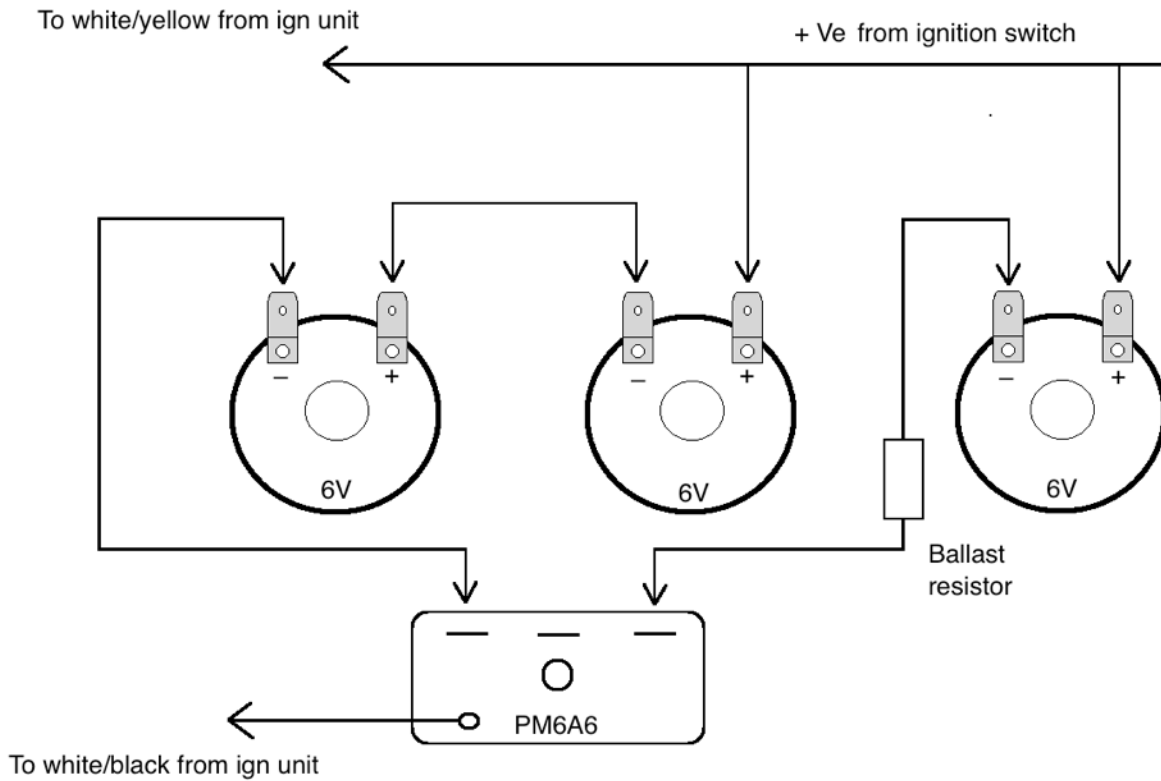
3 Cylinder Machines

The use of 4 volt coils connected in series causes excessive back voltage inside the ignition unit and is not recommended. Our LRR circuit is designed to shutdown to protect itself from excessive back voltage from the HT coils. Original units did not have this feature, so would continue to run even though the back voltage was dangerously high (350-450v). Lucas dropped the use of 4 volt coils in favour of a diode pack which reduces back voltage and avoids stress on the ignition unit.



3 Cylinder Machines with Six Volt HT Coils

One common HT coil configuration on the triples was to use a pair of 6 volt coils linked together plus an additional one on its own connected to the 12 volt electrics via a ballast resistor. You can still use this format with the Revival unit. Connection is as shown.



Note: On ALL Rita Revival units the case earth MUST be removed. There must be no connection to the vehicle's electrical system via the metal case.