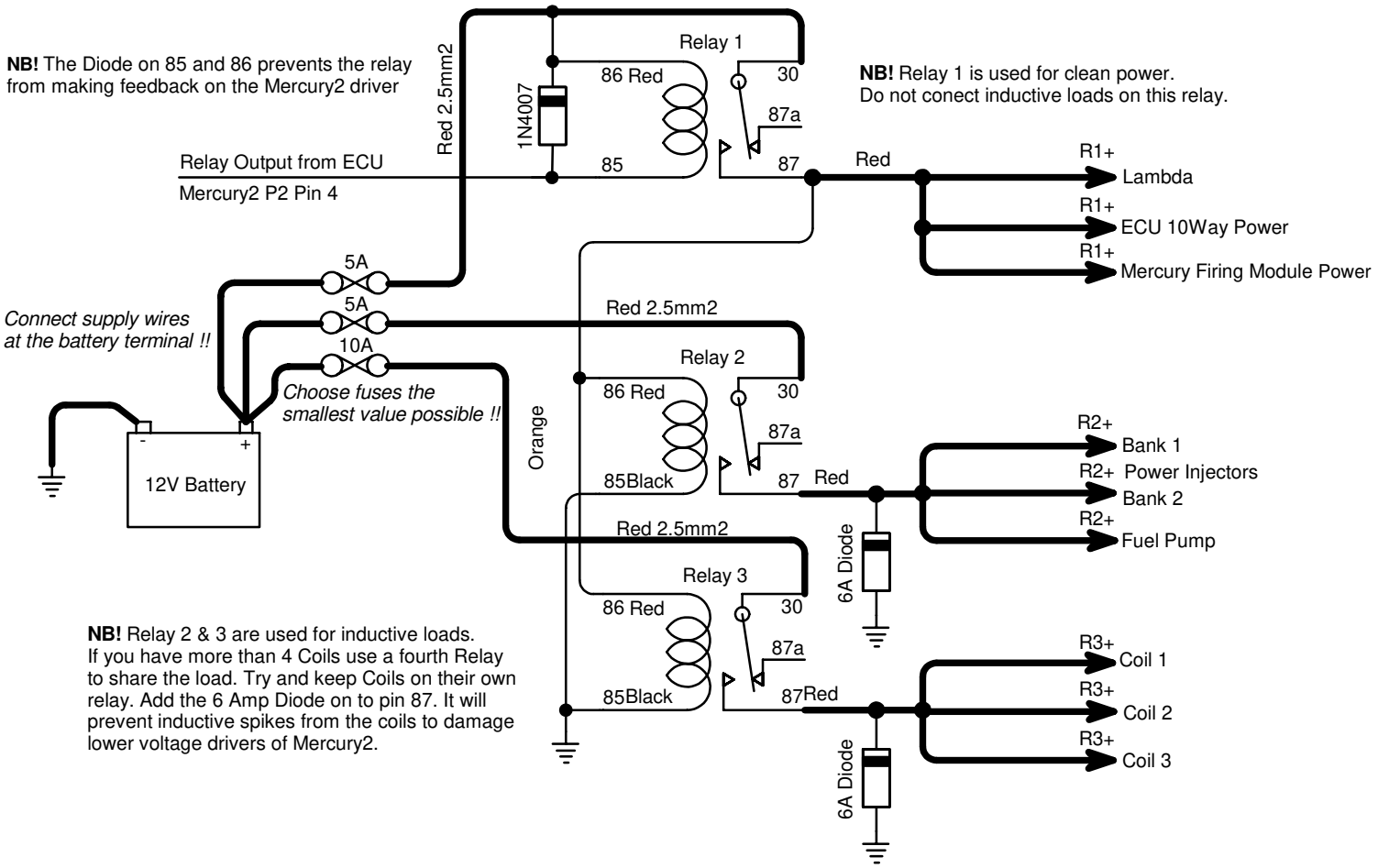
Power Distribution MEX01

Last Changed: 31/01/2019



Notes!

Some older model Mercury2 ECU's had a freewheel diode inside which prevent the Mercury2 from switching off when the key is switched off. In this case Relay 1 pin 86 must go to ignition positive and not battery possitive.
Notice that Relay 1 is used to switch Relay 2 and Relay 3 on.
In the case of smaler system with 2 or less coils you may conect the coils to Relay 2 and then omit Relay 3.
Relay 1 is the clean power relay that prevent inductive spikes from entering the ECU.
The Diode on Relay 1 will prevent the relays from buzzing when the key is turned off. If you use relays with buit in diodes then you can omit the diode on Relay 1.
Make sure that all the Pin 30 power conections join at the battery positive terminal so that current spikes is not shared.
Choose the smalles value fuse to carry the load from that relay. If the load for relays is too much then you may add a 4th relay to split the load.
Always use 86 for the positive so that diode relays may be inserted without problems.