2Cyl Smart Coils

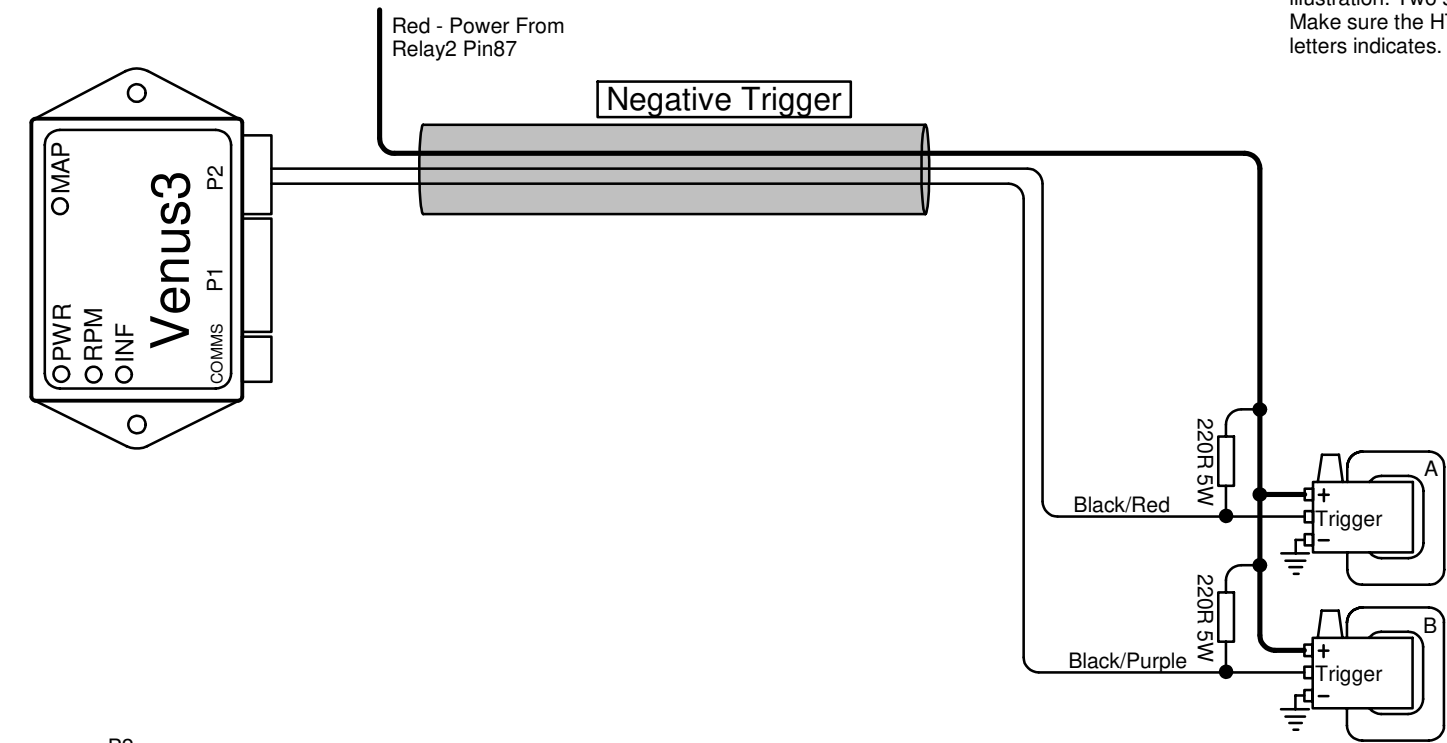Last Changed: 29/04/2024
Preferred Harness: E40
Other Harnesses: E31,E41

A   B

Write your firing order from left to right in the blocks above marked with an alphabetical letter. Then write the corresponding number on the corresponding coil with the same alphabetical letter in the drawing below. Now connect your coil number to the corresponding colour wire.
Note: The order of the coils will differ on their placing on the engine, as long as it is connected to the same colour wire as this illustration. Two spark plugs in two pairs are driven by one coil. Make sure the HT leads are paired correctly as the alphabetical letters indicates.

Red - Power From Relay2 Pin87

Negative Trigger

Venus3

MAP
PWR
RPM
INF

P2
P1
COMMS

220R 5W

Black/Red

Trigger

+
−

A

220R 5W

Black/Purple

Trigger

+
−

B

P2

6	7	8	9	10
1	2	3	4	5

Harness Pin View

1. Black/Purple   - Coil B
2. Black/Orange   -
3. Black/White   -
4. Blue   -
5. Blue/Orange   -
6. Black/Red   - Coil A
7. Black/Brown   -
8. Black/Yellow   -
9. Green   -
10. Blue/White   -

Connector Pinouts

Software Settings

Coil Driver Trigger Combination ⚠

Smart Coil – Use Positive Drivers

Coil Driver Outputs

Coil Driver Output 1   **Coil Negative 1**

Coil Driver Output 2   **Coil Negative 2**