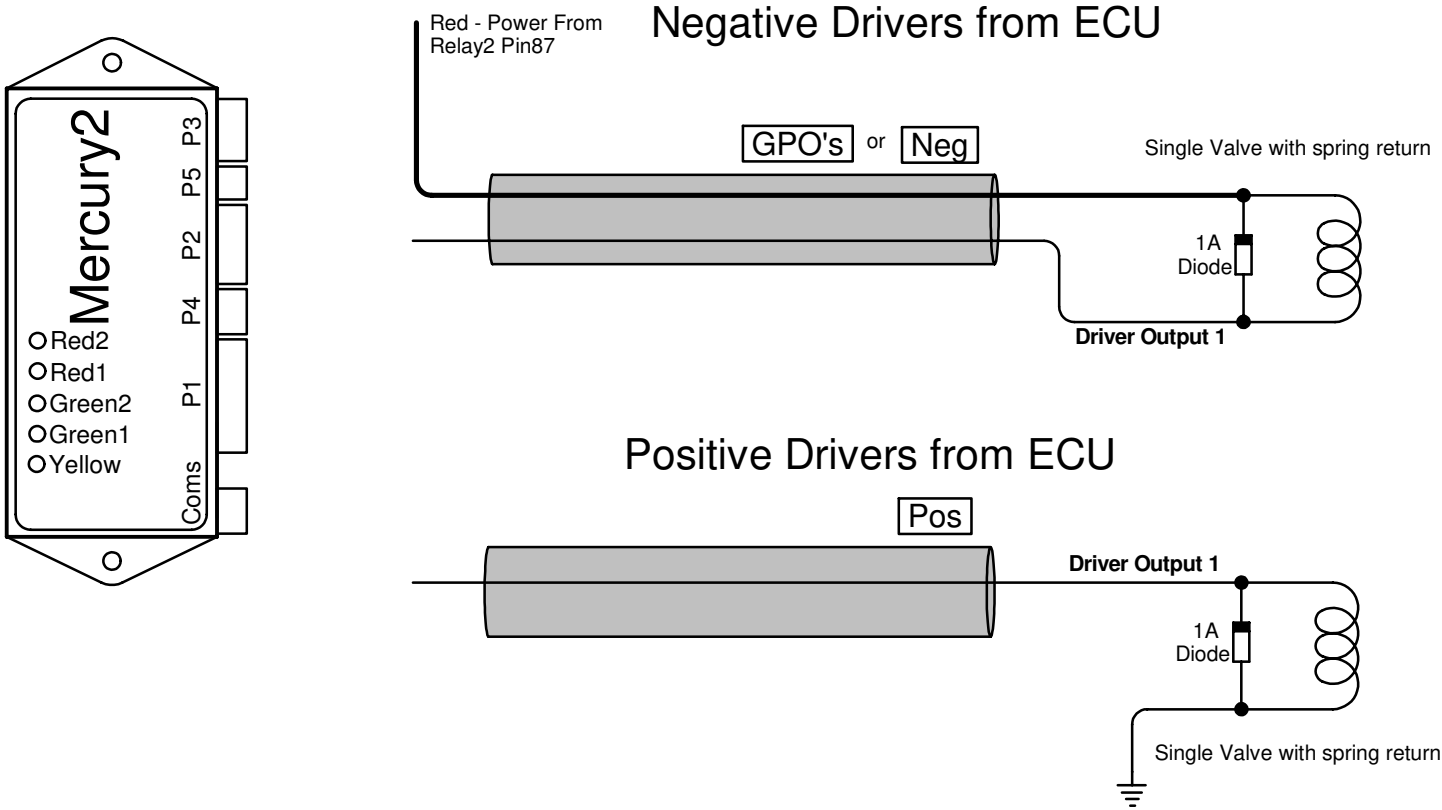# Single Idle Valve with Spring Return

NB!! The Diode must be connected. Make sure the stripe on the diode is facing the positive.

Red - Power From Relay2 Pin87

Negative Drivers from ECU

Mercury2

P3
P5
P2
P4
P1
Coms

Red2
Red1
Green2
Green1
Yellow

GPO's or Neg

Single Valve with spring return

1A Diode

Driver Output 1

Positive Drivers from ECU

Pos

Driver Output 1

1A Diode

Single Valve with spring return

Note: The connection to the Mercury ECU changes with the GP Output Priority selection, View the Priority spreadsheet for the specific firmware to see which output is selected. Then make sure on how to connect between the 2 options above. It could be connected on a negative or positive driver.

Software Settings

Idle Control Type

Idle Valve