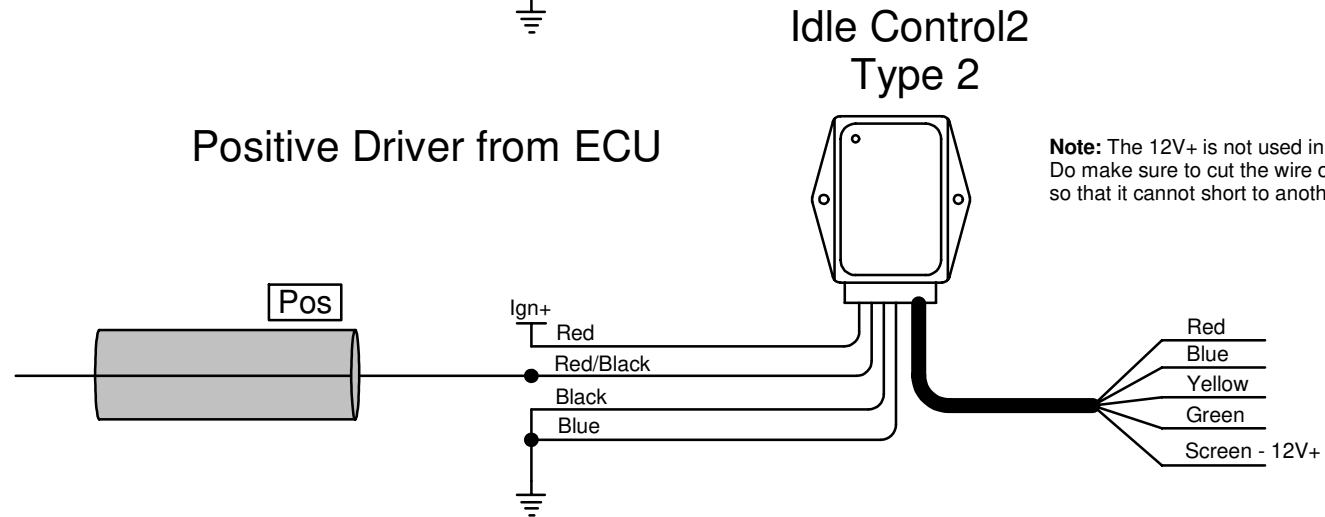
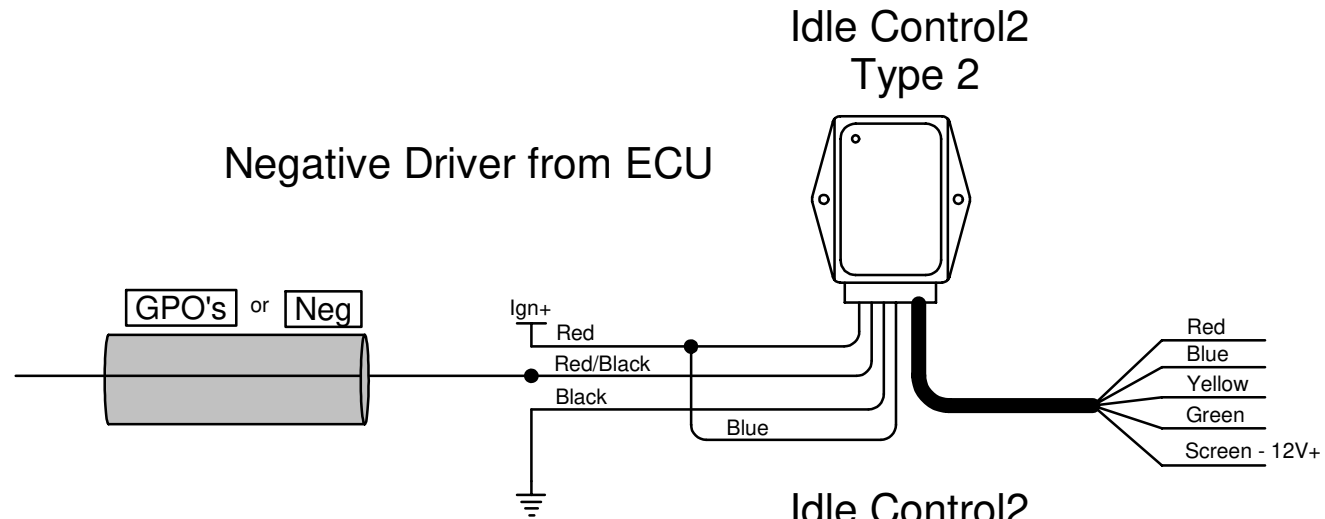


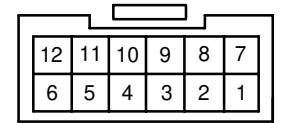
# Idle Control2 - Type 2 Stepper

Last Changed: 13/11/2018

**NB!!** Do **Not** Earth the Screen  
as it carries 12V+



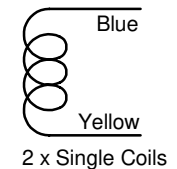
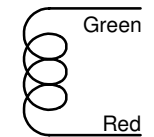
**Note:** The 12V+ is not used in this application.  
Do make sure to cut the wire off and isolate it  
so that it cannot short to another wire or earth.



Harness Rear View

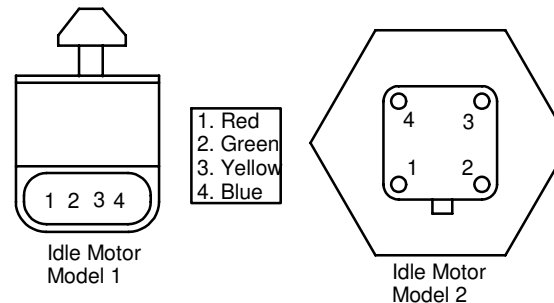
- |              |                 |
|--------------|-----------------|
| 1. Red       | - Idle Motor    |
| 2. Green     | - Idle Motor    |
| 3. Black     | - Ground        |
| 4. Blue      | - Reference     |
| 5. N/C       |                 |
| 6. N/C       |                 |
| 7. Yellow    | - Idle Motor    |
| 8. Blue      | - Idle Motor    |
| 9. Red/Black | - RPM In        |
| 10. Red      | - +12V Ignition |
| 11. N/C      |                 |
| 12. N/C      |                 |

## Connection Schematic



**Do Not use this idle control if coil  
resistance is less than 10 ohm !!!**

**Note:** The connection to the 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. Note the Blue wire on the stepper  
controller is connected differently for the 2 types  
of connections.



Software Settings

Idle Control Type

Stepper Motor