Variable Intake Solenoid Control

Last Changed: 13/11/2018

Negative Drivers from ECU

Red - Power From Relay2 Pin87

GPO's or Neg

Driver Output

3A Diode

+

-

Intake Flap Solenoid

Positive Drivers from ECU

Pos

Driver Output

Optional 1A Diode

+

-

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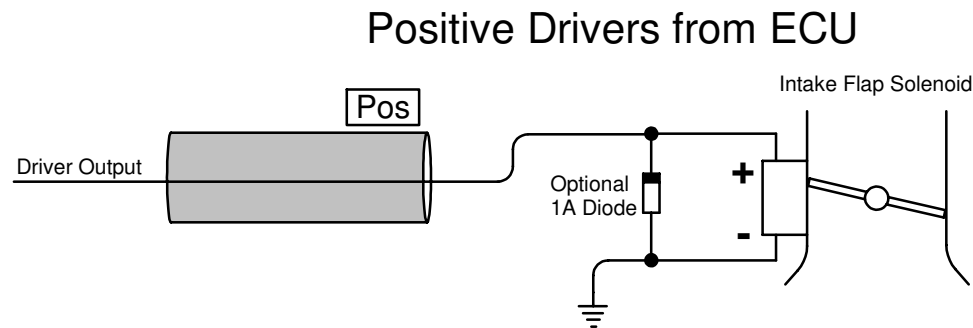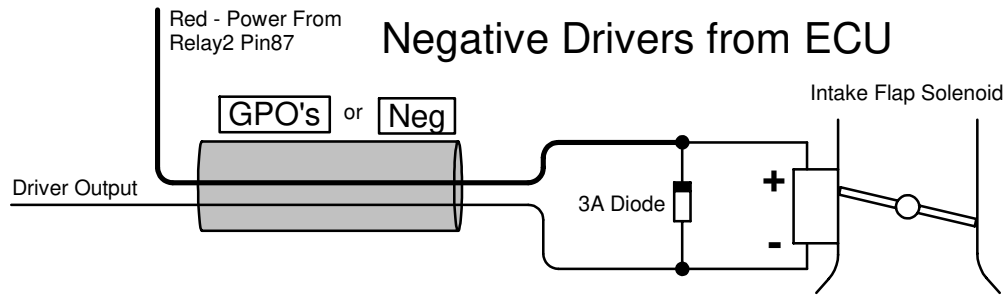
NB!! The Diode must be connected. Make sure the stripe on the diode is facing the positive.

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.

NB!! If the solenoid resistance is tess than 4 Ohm you must use an electronic relay as an amplifier. Some ECU drivers may have the strength but its best to consult the specifications of your product.

Software Settings

Intake		
RPM - high	4900	
RPM - low	2400	
TPS	60	(%)
Driver Output	**GP Output 2**	