



Battery + 12V Expectation
6.5v - 16v
Battery + 24v Expectation
14.4v - 32v
Ignition Switch
Input to ECM

Injection Pump -
Power To pump Via VLPM
12V Expectation
6.5v - 16v
24v Expectation
14.4v - 32v
Lift Pump Relay
- Trigger From ECM
* See VLPM *
Wiring

Fuel Injection Pump
Ground To pump Via VLPM
Battery -
Battery -
Switch Input 8

+5VOLT
Signal Input
0 Volt Common
Switch Return
Switch Input 1

Signal Input
Switch Input 2
PWM Signal Input
+ 8 Volt

Switch To Gnd Input 3 /
Set Speed Control On / Off
Switch To Gnd Input 4 /
Set Speed Control Disengage
Switch To Gnd Input 5
Set Speed Control Speed #1
Switch To Gnd Input 6 /
Set Speed Control speed #2

Set Speed Control
Lower RPM
Set Speed Control
Raise RPM / Resume
Set Speed Control
Disengage - NC

Mode Switch 1- Input 9
Mode Switch 2
Mode Switch 3
Frequency Output -Tachometer
PWM Output (Water Temp)
PWM Output (Oil Press)
SAE J1939 Can +
SAE J1939 Can -

NOTES
1. Value Dependent upon Starter relay current and auxiliary loads. (Typical 15-20A)
2. Fuse Value (1104) - 50A antisurge
(1106) - 15A

