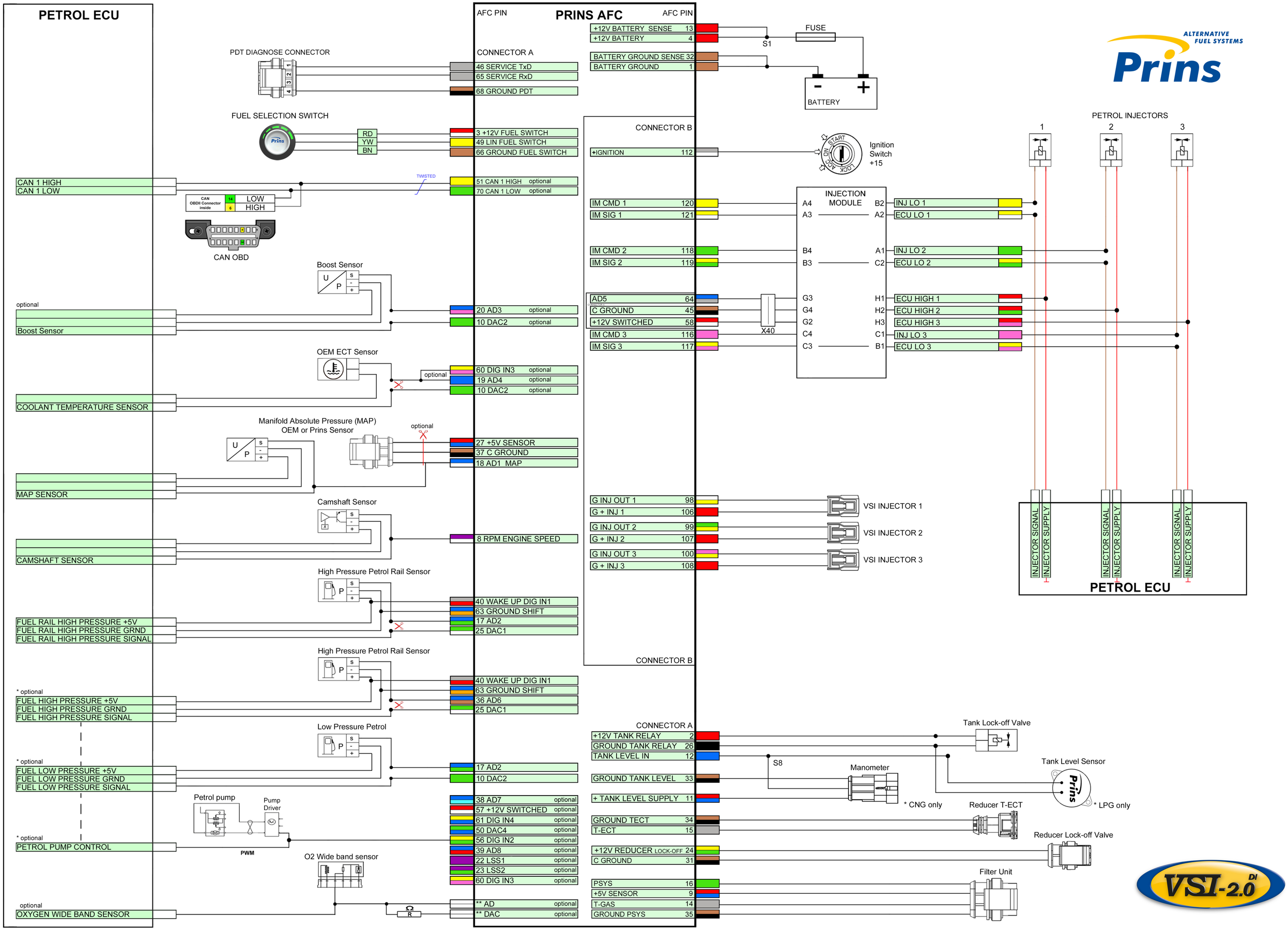
PETROL ECU
PRINS AFC
AFC PIN
AFC PIN
+12V BATTERY SENSE 13
+12V BATTERY 4
BATTERY GROUND SENSE 32
BATTERY GROUND 1
S1
FUSE
BATTERY
PDT DIAGNOSE CONNECTOR
CONNECTOR A
46 SERVICE TxD
65 SERVICE RxD
68 GROUND PDT
FUEL SELECTION SWITCH
RD
YW
BN
3 +12V FUEL SWITCH
49 LIN FUEL SWITCH
66 GROUND FUEL SWITCH
CONNECTOR B
+IGNITION 112
Ignition Switch +15
PETROL INJECTORS
1
2
3
CAN 1 HIGH
CAN 1 LOW
TWISTED
51 CAN 1 HIGH optional
70 CAN 1 LOW optional
CAN OBDII Connector inside
14 LOW
6 HIGH
CAN OBD
INJECTION MODULE
IM CMD 1 120
IM SIG 1 121
A4
A3
B2
A2
INJ LO 1
ECU LO 1
IM CMD 2 118
IM SIG 2 119
B4
B3
A1
C2
INJ LO 2
ECU LO 2
Boost Sensor
optional
Boost Sensor
20 AD3 optional
10 DAC2 optional
AD5 64
C GROUND 45
+12V SWITCHED 58
IM CMD 3 116
IM SIG 3 117
X40
G3
G4
G2
C4
C3
H1
H2
H3
C1
B1
ECU HIGH 1
ECU HIGH 2
ECU HIGH 3
INJ LO 3
ECU LO 3
OEM ECT Sensor
optional
60 DIG IN3 optional
19 AD4 optional
10 DAC2 optional
COOLANT TEMPERATURE SENSOR
Manifold Absolute Pressure (MAP) OEM or Prins Sensor
optional
27 +5V SENSOR
37 C GROUND
18 AD1 MAP
MAP SENSOR
Camshaft Sensor
8 RPM ENGINE SPEED
CAMSHAFT SENSOR
G INJ OUT 1 98
G + INJ 1 106
G INJ OUT 2 99
G + INJ 2 107
G INJ OUT 3 100
G + INJ 3 108
VSI INJECTOR 1
VSI INJECTOR 2
VSI INJECTOR 3
INJECTOR SIGNAL
INJECTOR SUPPLY
INJECTOR SIGNAL
INJECTOR SUPPLY
INJECTOR SIGNAL
INJECTOR SUPPLY
PETROL ECU
High Pressure Petrol Rail Sensor
40 WAKE UP DIG IN1
63 GROUND SHIFT
17 AD2
25 DAC1
FUEL RAIL HIGH PRESSURE +5V
FUEL RAIL HIGH PRESSURE GRND
FUEL RAIL HIGH PRESSURE SIGNAL
High Pressure Petrol Rail Sensor
40 WAKE UP DIG IN1
63 GROUND SHIFT
36 AD6
25 DAC1
* optional
FUEL HIGH PRESSURE +5V
FUEL HIGH PRESSURE GRND
FUEL HIGH PRESSURE SIGNAL
CONNECTOR B
CONNECTOR A
+12V TANK RELAY 2
GROUND TANK RELAY 26
TANK LEVEL IN 12
Tank Lock-off Valve
S8
Manometer
Tank Level Sensor
GROUND TANK LEVEL 33
+ TANK LEVEL SUPPLY 11
* CNG only
* LPG only
Low Pressure Petrol
17 AD2
10 DAC2
* optional
FUEL LOW PRESSURE +5V
FUEL LOW PRESSURE GRND
FUEL LOW PRESSURE SIGNAL
Petrol pump
Pump Driver
PWM
38 AD7 optional
57 +12V SWITCHED optional
61 DIG IN4 optional
50 DAC4 optional
56 DIG IN2 optional
39 AD8 optional
22 LSS1 optional
23 LSS2 optional
60 DIG IN3 optional
* optional
PETROL PUMP CONTROL
GROUND TECT 34
T-ECT 15
Reducer T-ECT
Reducer Lock-off Valve
+12V REDUCER LOCK-OFF 24
C GROUND 31
O2 Wide band sensor
Filter Unit
PSYS 16
+5V SENSOR 9
T-GAS 14
GROUND PSYS 35
optional
OXYGEN WIDE BAND SENSOR
** AD optional
** DAC optional
Ω
R
ALTERNATIVE FUEL SYSTEMS
Prins
VSI-2.0 DI