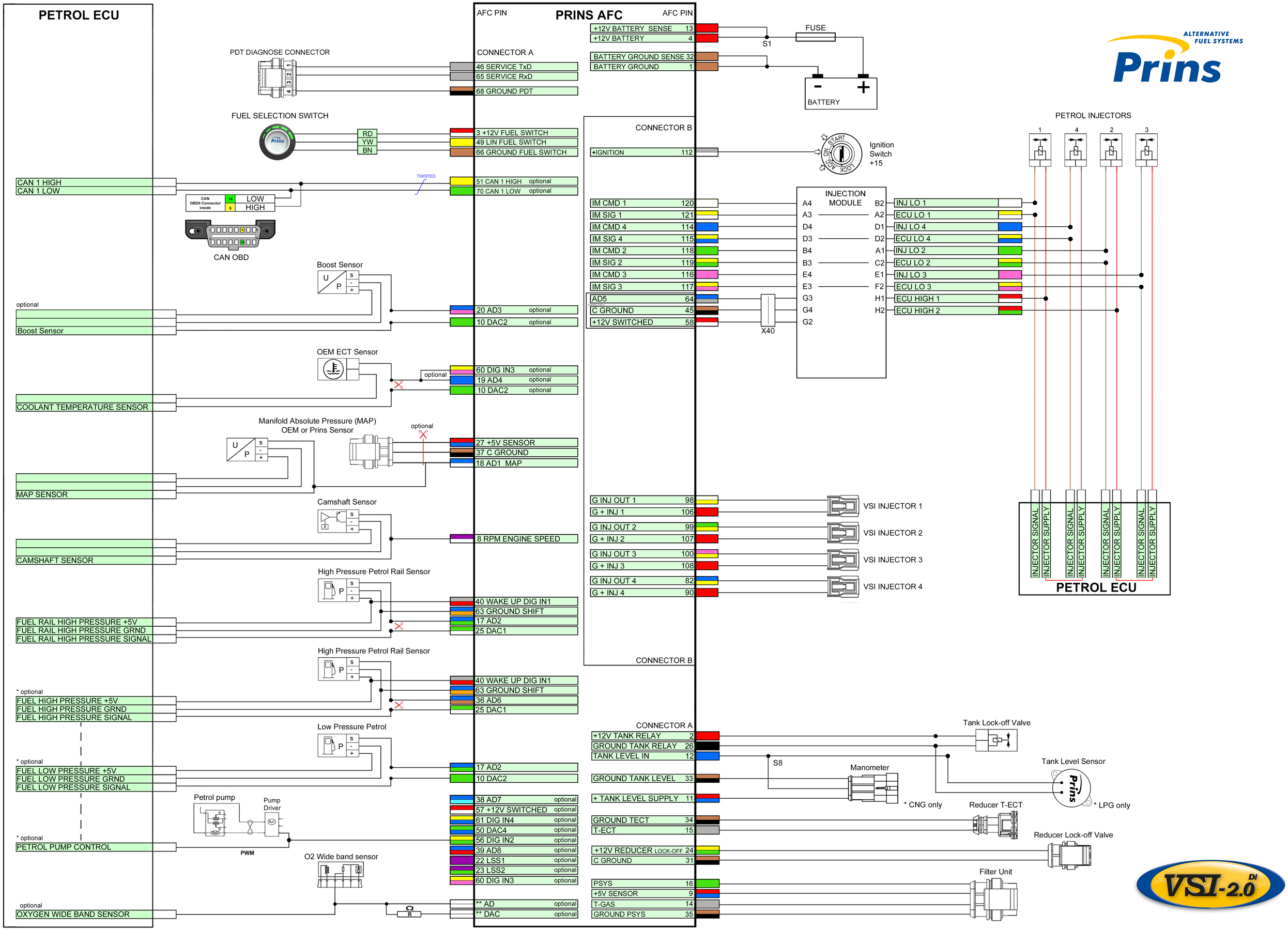
PETROL ECU
PRINS AFC
AFC PIN
AFC PIN
+12V BATTERY SENSE 13
+12V BATTERY 4
BATTERY GROUND SENSE 32
BATTERY GROUND 1
S1
FUSE
BATTERY
PDT DIAGNOSE CONNECTOR
CONNECTOR A
46 SERVICE TxD
65 SERVICE RxD
68 GROUND PDT
FUEL SELECTION SWITCH
RD
YW
BN
3 +12V FUEL SWITCH
49 LIN FUEL SWITCH
66 GROUND FUEL SWITCH
CONNECTOR B
+IGNITION 112
Ignition Switch +15
PETROL INJECTORS
CAN 1 HIGH
CAN 1 LOW
TWISTED
51 CAN 1 HIGH optional
70 CAN 1 LOW optional
CAN OBDII Connector inside
LOW
HIGH
CAN OBD
Boost Sensor
optional
Boost Sensor
20 AD3 optional
10 DAC2 optional
IM CMD 1 120
IM SIG 1 121
IM CMD 4 114
IM SIG 4 115
IM CMD 2 118
IM SIG 2 119
IM CMD 3 116
IM SIG 3 117
AD5 64
C GROUND 45
+12V SWITCHED 58
X40
INJECTION MODULE
A4
A3
D4
D3
B4
B3
E4
E3
G3
G4
G2
B2
A2
D1
D2
A1
C2
E1
F2
H1
H2
INJ LO 1
ECU LO 1
INJ LO 4
ECU LO 4
INJ LO 2
ECU LO 2
INJ LO 3
ECU LO 3
ECU HIGH 1
ECU HIGH 2
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
G INJ OUT 4 82
G + INJ 4 90
VSI INJECTOR 1
VSI INJECTOR 2
VSI INJECTOR 3
VSI INJECTOR 4
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
CONNECTOR B
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 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
+12V REDUCER LOCK-OFF 24
C GROUND 31
Reducer Lock-off Valve
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
Prins
ALTERNATIVE FUEL SYSTEMS
VSI-2.0 DI