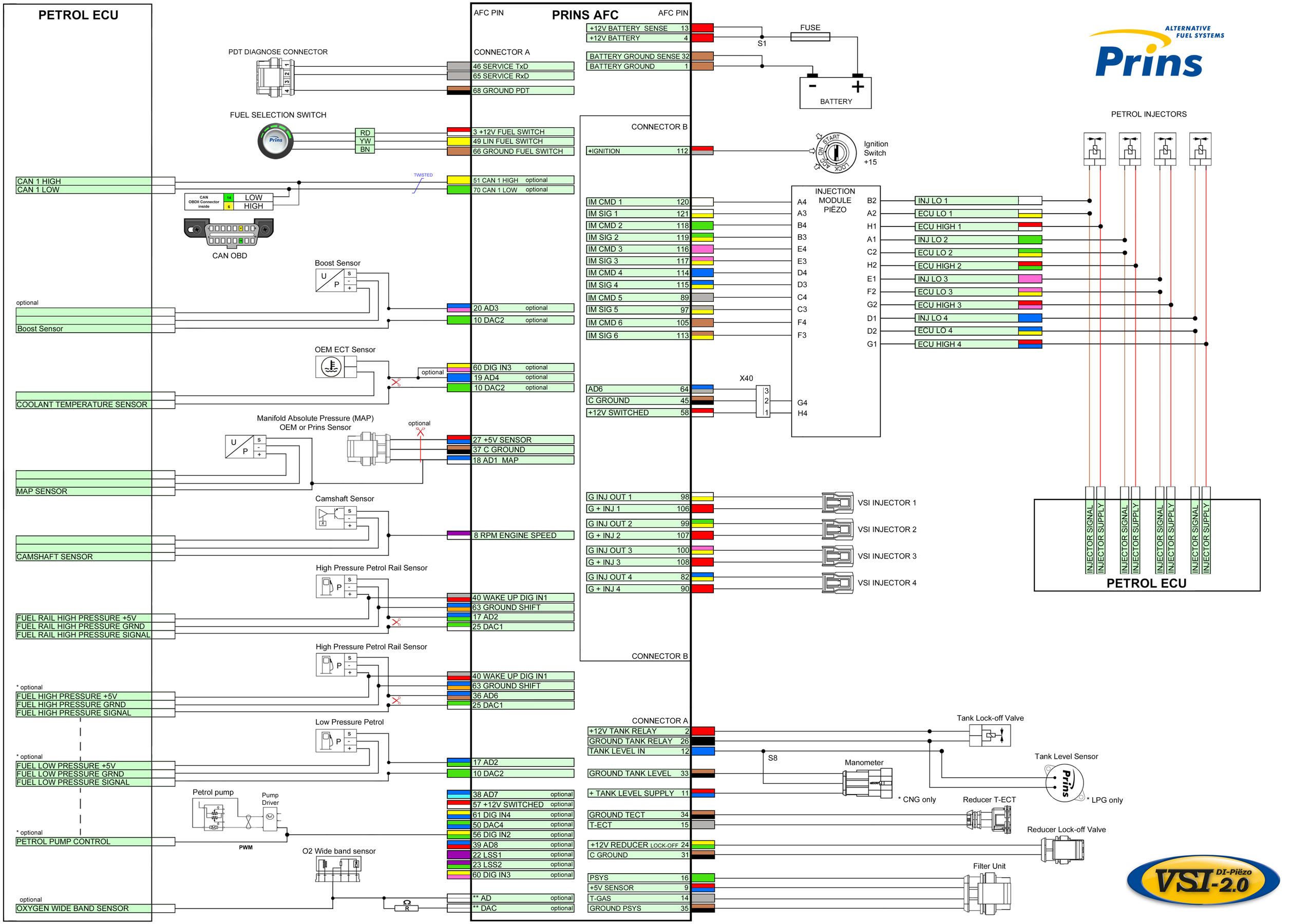
PETROL ECU
PRINS AFC
AFC PIN
AFC PIN
+12V BATTERY SENSE 13
+12V BATTERY 4
BATTERY GROUND SENSE 32
BATTERY GROUND 1
FUSE
S1
BATTERY
ALTERNATIVE FUEL SYSTEMS
Prins
PDT DIAGNOSE CONNECTOR
CONNECTOR A
46 SERVICE TxD
65 SERVICE RxD
68 GROUND PDT
FUEL SELECTION SWITCH
RD
YW
BN
3 +12V FUEL SWITCH
49 LIN FUEL 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
14 LOW
6 HIGH
CAN OBD
Boost Sensor
optional
Boost Sensor
20 AD3 optional
10 DAC2 optional
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
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
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
O2 Wide band sensor
optional
OXYGEN WIDE BAND SENSOR
** AD optional
** DAC optional
IM CMD 1 120
IM SIG 1 121
IM CMD 2 118
IM SIG 2 119
IM CMD 3 116
IM SIG 3 117
IM CMD 4 114
IM SIG 4 115
IM CMD 5 89
IM SIG 5 97
IM CMD 6 105
IM SIG 6 113
INJECTION MODULE PIËZO
A4 A3 B4 B3 E4 E3 D4 D3 C4 C3 F4 F3 G4 H4
B2 A2 H1 A1 C2 H2 E1 F2 G2 D1 D2 G1
INJ LO 1
ECU LO 1
ECU HIGH 1
INJ LO 2
ECU LO 2
ECU HIGH 2
INJ LO 3
ECU LO 3
ECU HIGH 3
INJ LO 4
ECU LO 4
ECU HIGH 4
X40
AD6 64
C GROUND 45
+12V SWITCHED 58
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
CONNECTOR B
CONNECTOR A
+12V TANK RELAY 2
GROUND TANK RELAY 26
TANK LEVEL IN 12
GROUND TANK LEVEL 33
+ TANK LEVEL SUPPLY 11
GROUND TECT 34
T-ECT 15
+12V REDUCER LOCK-OFF 24
C GROUND 31
PSYS 16
+5V SENSOR 9
T-GAS 14
GROUND PSYS 35
Tank Lock-off Valve
S8
Manometer
Tank Level Sensor
* CNG only
* LPG only
Reducer T-ECT
Reducer Lock-off Valve
Filter Unit
VSI DI-Piëzo 2.0