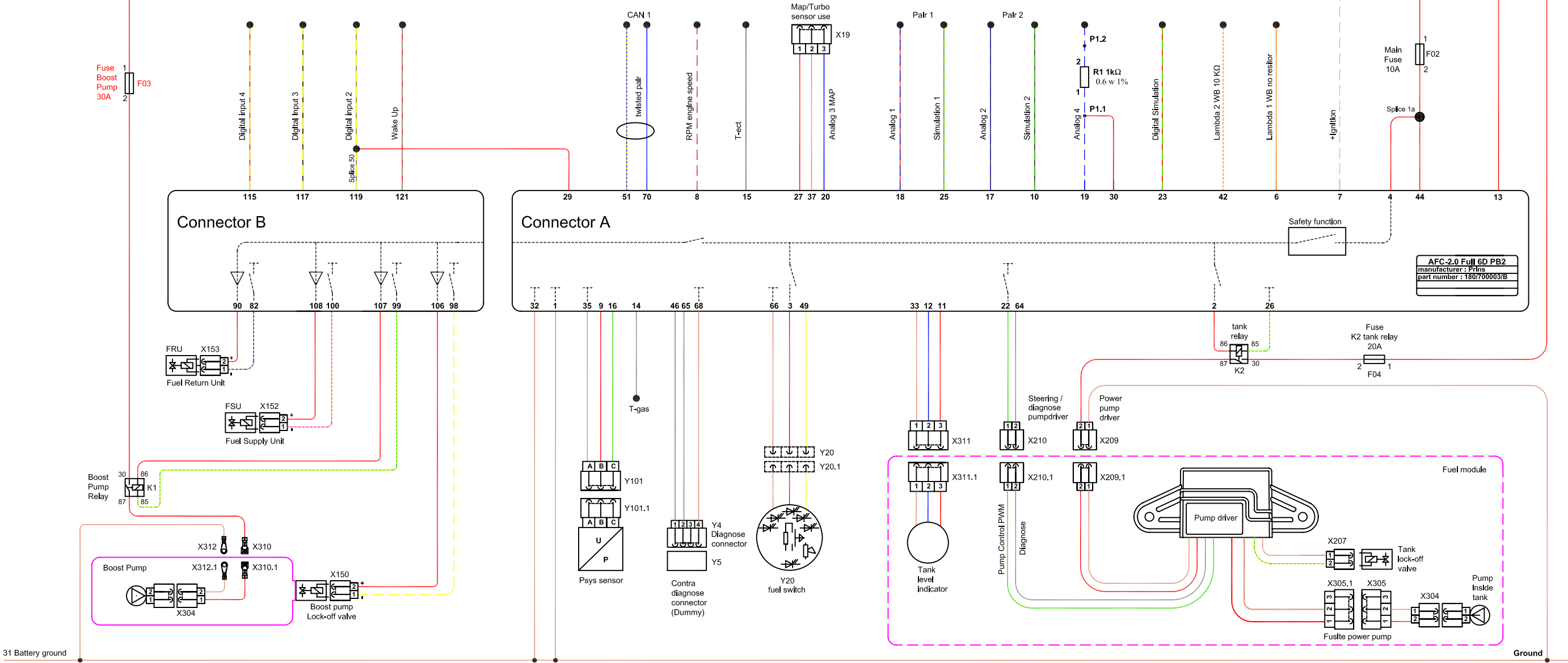


191/080007/B Direct LiquiMax wiring diagram

30 battery +12V

15 Ignition switch

Petrol ECU
manufacturer : n.a.
version : n.a.
software : n.a.



Connector B Description: Wiring loom Direct LiquiMax LPG Part number: 191/080003/X

pin	vsi wire	color	pin	vsi wire	color
82	GND Lock off Fuel Return Unit	blue/yellow	103	n.c.	
83	n.c.		104	n.c.	
84	n.c.		105	n.c.	
85	n.c.		106	+ Lock-off Boost Pump	red
86	n.c.		107	+ 12V Boost pump relay	red
87	n.c.		108	+ Lock-off Fuel Supply Unit	red
88	n.c.		109	n.c.	
89	n.c.		110	n.c.	
90	+ Lock off Fuel Return Unit	red	111	n.c.	
91	n.c.		112	n.c.	
92	n.c.		113	n.c.	
93	n.c.		114	n.c.	
94	n.c.		115	Digital input 4	yellow-red
95	n.c.		116	n.c.	
96	n.c.		117	Digital input 3	yellow-black
97	n.c.		118	n.c.	
98	GND Lock-off Boost Pump	white-yellow	119	Digital input 2	yellow-grey
99	GND Boost pump relay	green-yellow	120	n.c.	
100	GND Lock-off Fuel Supply Unit	pink-yellow	121	Wake up	grey-red
101	n.c.				
102	n.c.				

Connector A Description: Wiring loom Direct LiquiMax LPG Part number: 191/080003/X

pin	vsi wire	color	pin	vsi wire	color
1	Ground Battery	brown	22	Pump control pwm	green
2	+ 12V Tank relay	red	23	Digital Simulation	green-red
3	+ 12 V Fuel switch	red	24	n.c.	
4	+12 V batt. (Fuse)	red	25	Simulation 1	green-grey
5	n.c.		26	GND Tank relay	green-yellow
6	Lambda 1 WB	orange	27	+5 volt sensor	red
7	+ Ignition	grey-white	28	n.c.	
8	RPM engine speed	purple-white	29	+5V sensor Pull up1	red
9	+5 Volt sensor	red	30	+5V sensor Pull up2	red
10	Simulation 2	green-black	31	n.c.	
11	+ Tank level gauge	red	32	Ground battery sense	brown
12	Tank level IN	blue	33	Ground tank gauge	brown
13	+12 V Battery sense	red	34	n.c._c gnd	
14	T-Gas	grey	35	C Ground	brown
15	T-ECT	grey	36	n.c.	
16	Psys	green	37	C Ground	brown
17	Analog 2	blue-black	38	n.c._c gnd	
18	Analog 1	blue-red	39	n.c._c gnd	
19	Analog 4	blue-white	40	n.c._c gnd	
20	Analog 3	blue	41	Forbidden	
21	n.c.		42	lambda 2 WB 10kQ	orange-white

pin	vsi wire	color	pin	vsi wire	color
43	n.c.		64	Diagnose Pumpdriver	grey
44	+12V ECU (Fuse)	red	65	Service RxD	grey
45	n.c.		66	Ground fuel switch	brown
46	Service TxD	grey	67	n.c.	
47	n.c.		68	Ground PDT	brown
48	n.c.		69	n.c.	
49	LIN fuel switch	yellow	70	CAN1_L	blue
50	n.c.		71	n.c._c gnd	
51	CAN1_H	blue/yellow	72	n.c.	
52	n.c.		73	n.c._c gnd	
53	n.c.		74	n.c.	
54	n.c.		75	n.c.	
55	n.c.		76	n.c.	
56	n.c.		77	n.c.	
57	n.c.		78	n.c.	
58	n.c.		79	n.c._c gnd	
59	n.c.		80	n.c._c gnd	
60	n.c._c gnd		81	n.c._c gnd	
61	n.c._c gnd				
62	n.c._c gnd				
63	n.c.				

Prins

Prins Alternative Fuel Systems	
System :	Direct LiquiMax LPG
Drawing nr :	191/080007/B
Description :	Diagram Direct LiquiMax
Designed by / date	JT / 16-10-2012
Checked by / date	
Approved by / date	
Revision by / date	- /JT 16-10-2012
Sheet :	1/1

Draft