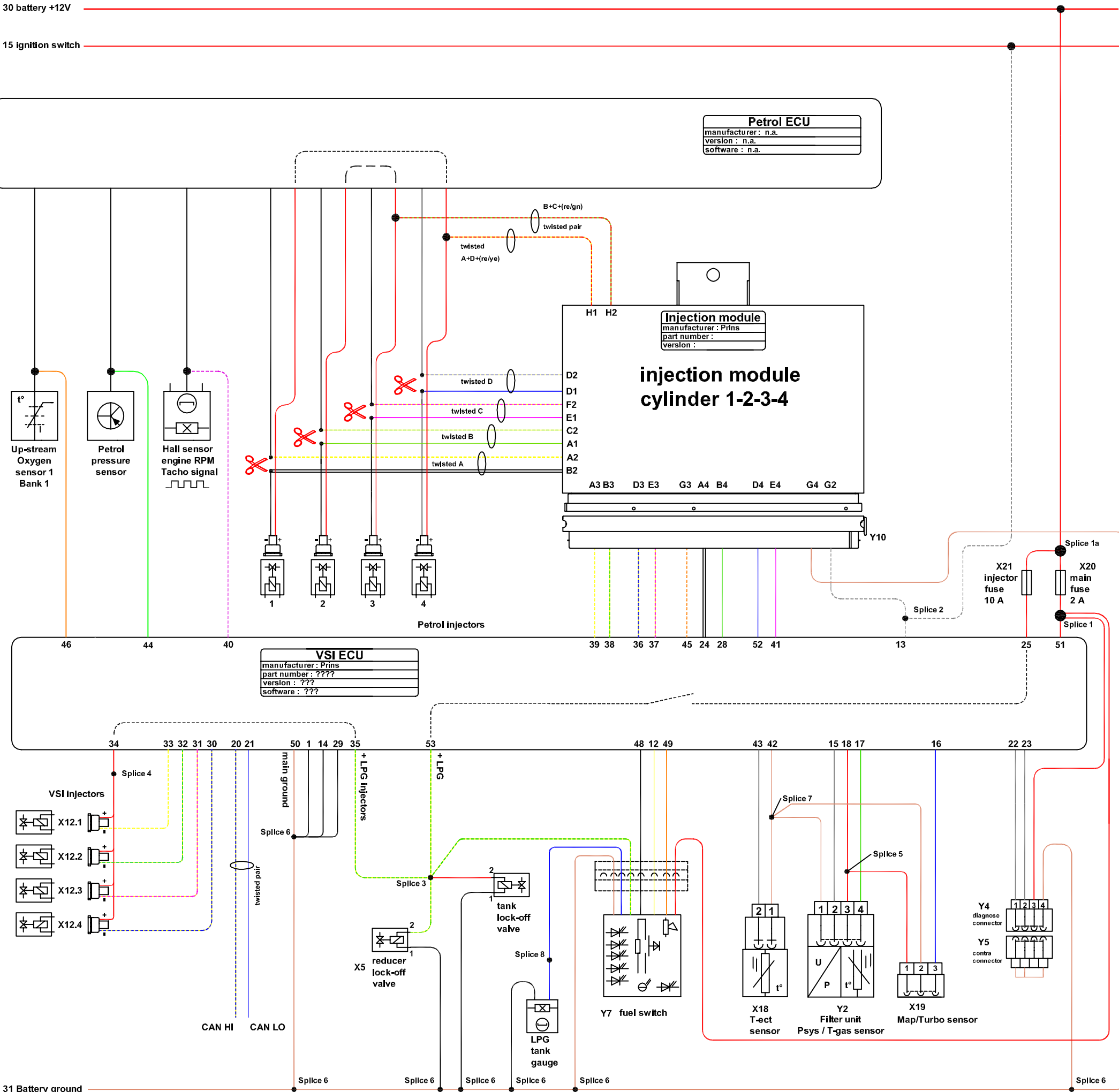


080/72140 VSI-LPG DI 4 cylinder wiring diagram



		injection module	
A1	Petrol injector	green	min inj side 2
B1	—	—	—
C1	—	—	—
D1	Petrol injector	blue	min inj side 4
E1	Petrol injector	pink	min inj side 3
F1	—	—	—
G1	—	—	—
H1	Petrol ECU	red/yellow	ECU HIGH A
A2	Petrol ECU	white/yellow	39 ECU side 1
B2	Petrol injector	white	min inj side 1
C2	Petrol ECU	green-yellow	38 ECU side 2
D2	Petrol ECU	blue/yellow	36 ECU side 4
E2	—	—	—
F2	Petrol ECU	pink/yellow	11 ECU side 3
G2	VSI ECU	grey/white	13 Ignition plus
H2	Petrol ECU	red/green	ECU HIGH B
A3	VSI ECU	white/yellow	39 ECU side 1
B3	VSI ECU	green/yellow	38 ECU side 2
C3	—	—	—
D3	VSI ECU	blue/yellow	36 ECU side 4
E3	VSI ECU	pink/yellow	37 ECU side 3
F3	—	—	—
G3	VSI ECU	orange/white	45 ECU (IM temp)
H3	—	—	—
A4	VSI ECU	white	24 ECU (im_cmd_1)
B4	VSI ECU	green	28 ECU (im_cmd_2)
C4	—	—	—
D4	VSI ECU	blue	52 ECU (im_cmd_4)
E4	VSI ECU	pink	41 ECU (im_cmd_3)
F4	—	—	—
G4	VSI ECU	brown	31 ground (splice 6)
H4	—	—	—

pin vsi wire		color	pin vsi wire		color	pin vsi wire		color	pin vsi wire		color
1	ground	black	20	CAN HI	blue-yellow	40	RPM engine speed	purple-white	52	lm_cmd_4	blue
2	sealed		21	CAN LO	blue	41	lm_cmd_3	pink	53	+ switch	green/yellow
3	sealed		22	RS232 TxD	grey	42	Sensor ground ECT	brown	53	+ tank valve	red
4	sealed		23	RS232 RxD	grey	42	Sensor ground MAP	brown	53	+ reducer valve	green-yellow
5	sealed		24	lm_cmd_1	white	42	Sensor ground P/Tsys	brown	54	sealed	
6	sealed		25	+12 volt battery	red	43	ECT coolant temp.	grey	55	sealed	
7	sealed		26	sealed		44	Petrol (HP)	green	56	sealed	
8	sealed		27	sealed		45	lm_temp	orange-white			
9	sealed		28	lm_cmd_2	green	46	lambda bank 1	orange			
10	sealed		29	G INJ A ground	black	47	sealed				
11	sealed		30	G INJ OUT 4	blue-yellow	48	beeper low switching	black			
12	pulse fuel switch	yellow	31	G INJ OUT 3	pink-yellow	49	diagnose LED	orange			
13	+ ignition	grey-white	32	G INJ OUT 2	green-yellow	50	main ground	brown			
14	ground	black	33	G INJ OUT 1	white-yellow	50	reducer valve ground	brown			
15	T-Gas	grey	34	+ G INJ A OUT	red	50	tank valve ground	brown			
16	MAP	blue	35	+ G INJ A IN	yellow-green	50	diagnose ground	brown			
17	Psys	green	36	lm_sig_4	blue-yellow	50	switch ground	brown			
18	+5V supply P/T sensor	red	37	lm_sig_3	pink-yellow	51	+12 volt fuel switch	red			
18	+5V supply MAP	red	38	lm_sig_2	green-yellow	51	+12 volt diagnose	red			
19	sealed		39	lm_sig_1	white-yellow	51	+12 volt battery	red			



Prins ALTERNATIVE FUEL SYSTEMS

Prins Alternative Fuel Systems	
Project name :	VSI-DI 4 cylinder
Part nr :	080/72140
Description :	LPG 4 cyl. DI
Designed by / date	JT 26-11-08
Checked by / date	TS 20-01-2011
Approved by / date	RK 20-01-2011
Revision by / date	C/JT 30-06-10
Sheet :	1/1