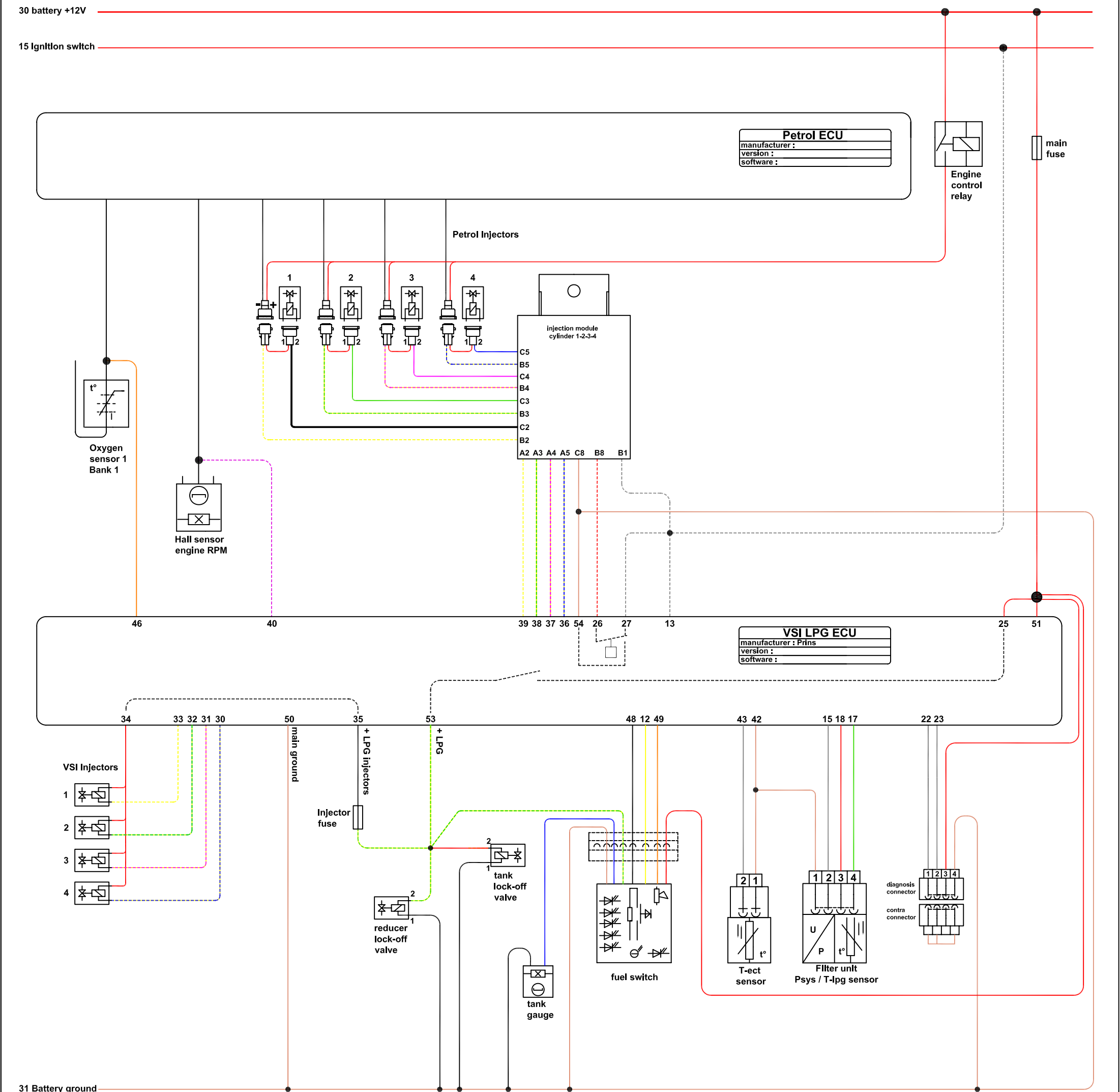


080/71045 VSI Wiring diagram 4 cylinder LPG (with connectors)



pin	vsi wire	color	pin	vsi wire	color	pin	vsi wire	color	pin	vsi wire	color
1	ground	black	20	sealed		40	RPM engine speed	purple-white	52	sealed	
2	sealed		21	sealed		41	sealed		53	power fuel indication	green-yellow
3	sealed		22	RS232 TxD	grey	42	ECT sensor ground	brown	53	power tank valve	red
4	sealed		23	RS232 RxD	grey	42	MAP sensor ground	brown	53	power reducer valve	green-yellow
5	sealed		24	sealed		42	Psys sensor ground	brown	54	INJ simulator ground	brown
6	sealed		25	+12 volt battery	red	43	ECT coolant temp.	grey	55	sealed	
7	sealed		26	inj. mod. command	red-white	44	TPS throttle position	green	56	sealed	
8	sealed		27	ignition +	grey-white	45	sealed		 Prins Alternative Fuel Systems		
9	sealed		28	sealed		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	reducer valve ground	brown	Project name : Designed : T.S. 23-04-2007 Checked by : T.S. 23-04-2007 Approved by : T.S. 23-04-2007 Version nr. / date : 1 / 29-05-2007 Description : 4 cyl. with conn. Sheet : 1/1		
14	ground	black	33	G INJ OUT 1	white-yellow	50	main ground	brown			
15	T-LPG lpg temp.	grey	34	G INJ A plus	red	50	tank valve ground	brown			
16	MAP	blue	35	+ LPG injectors	black	50	diagnose ground	brown			
17	Psys	light green	36	ecu side inj 4	blue-yellow	50	switch ground	brown			
18	+5 Volt Psys	red	37	ecu side inj 3	pink-yellow	51	+12 volt fuel switch	red			
18	+5 Volt MAP	red	38	ecu side inj 2	green-yellow	51	+12 volt diagnose	red			
19	sealed		39	ecu side inj 1	white-yellow	51	+12 volt battery	red			

injection module			
A1			
A2	vsi ecu	white-yellow	39 ecu side 1
A3	vsi ecu	green-yellow	38 ecu side 2
A4	vsi ecu	pink-yellow	37 ecu side 3
A5	vsi ecu	blue-yellow	36 ecu side 4
A6			
A7			
A8			
B1	vsi ecu	grey-white	13 ingnition plus
B2	petrol ecu	white-yellow	39 ecu side 1
B3	petrol ecu	green-yellow	38 ecu side 2
B4	petrol ecu	pink-yellow	37 ecu side 3
B5	petrol ecu	blue-yellow	36 ecu side 4
B6			
B7			
B8	vsi ecu	red-white	26 inj. mod. command
C1			
C2	petrol injector	white	min inj side 1
C3	petrol injector	green	min inj side 2
C4	petrol injector	pink	min inj side 3
C5	petrol injector	blue	min inj side 4
C6			
C7			
C8	vsi ecm	brown	54 inj. mod. ground