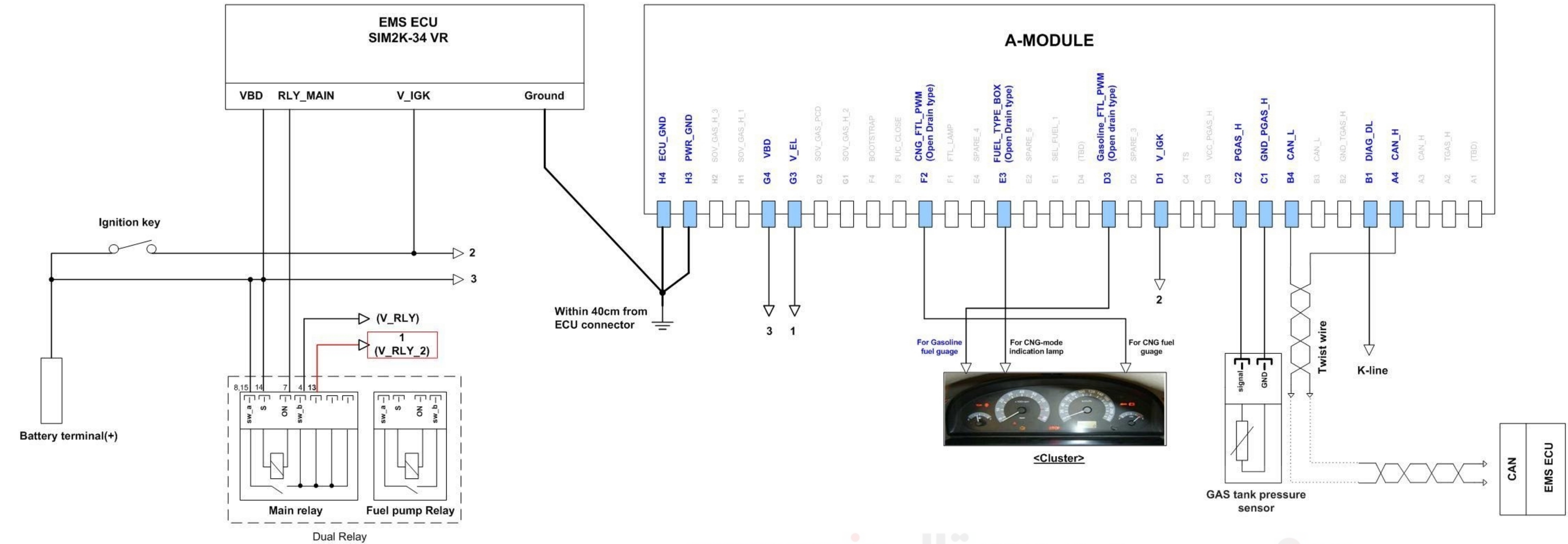
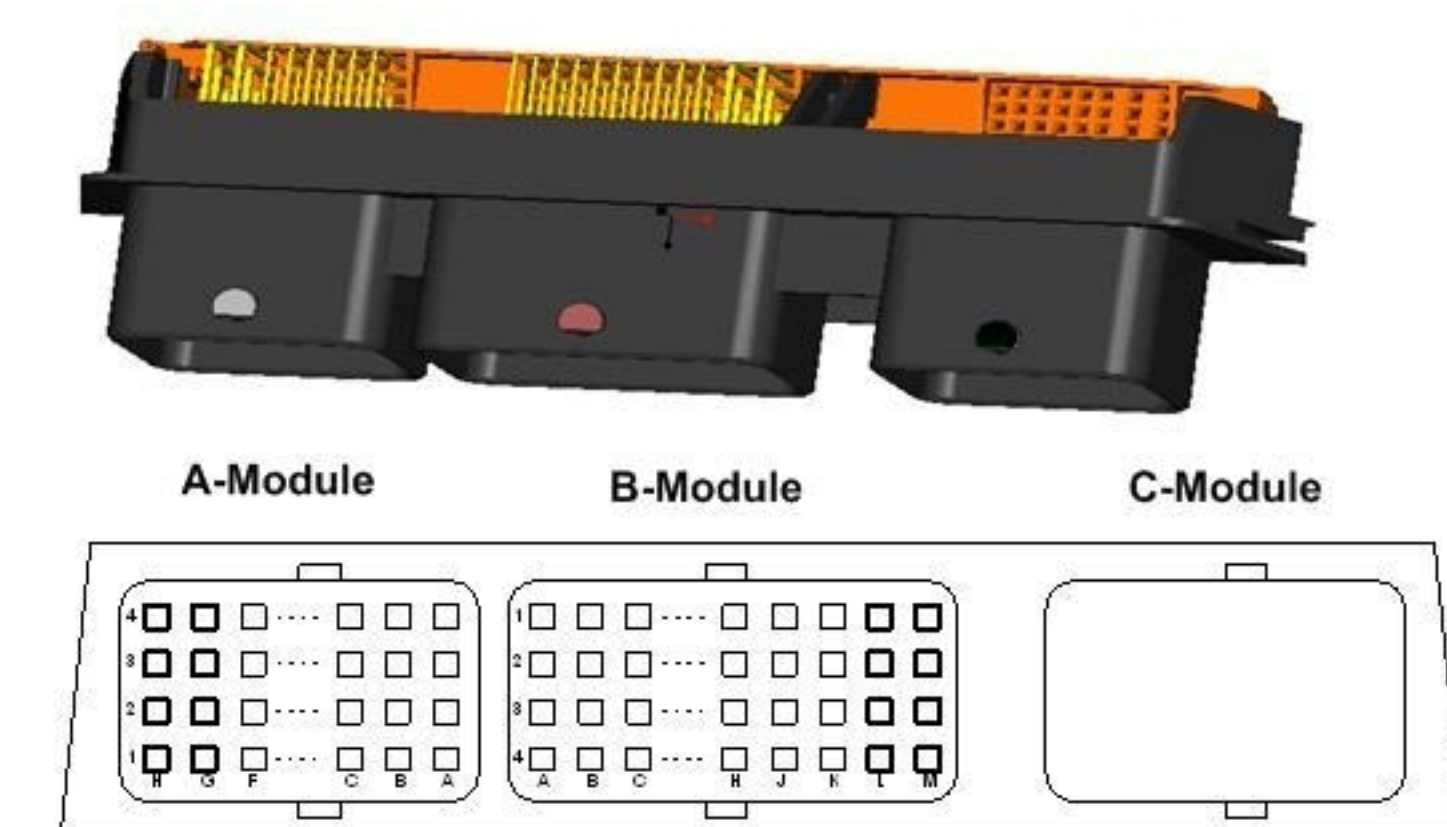


NOTES

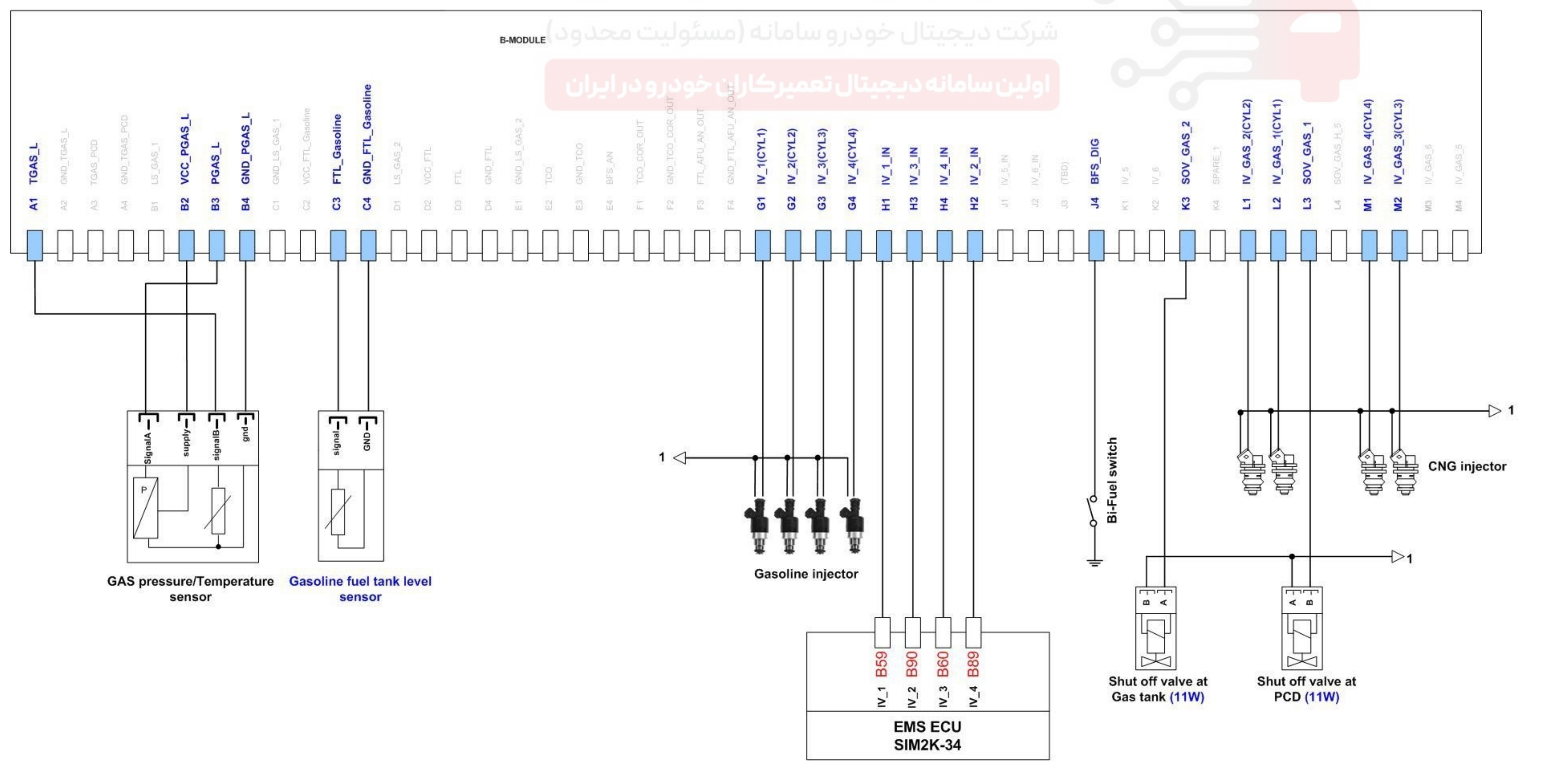
Node description
 1: Battery voltage after main relay supply, V_EL
 2: Battery voltage after ignition key supply, V_IGK
 3: Direct battery voltage supply, VBD

Pin-header, 80-pin 3module (Connector of CNG interface Box side)
 > Molex part number: 98228-1011



Pin definition

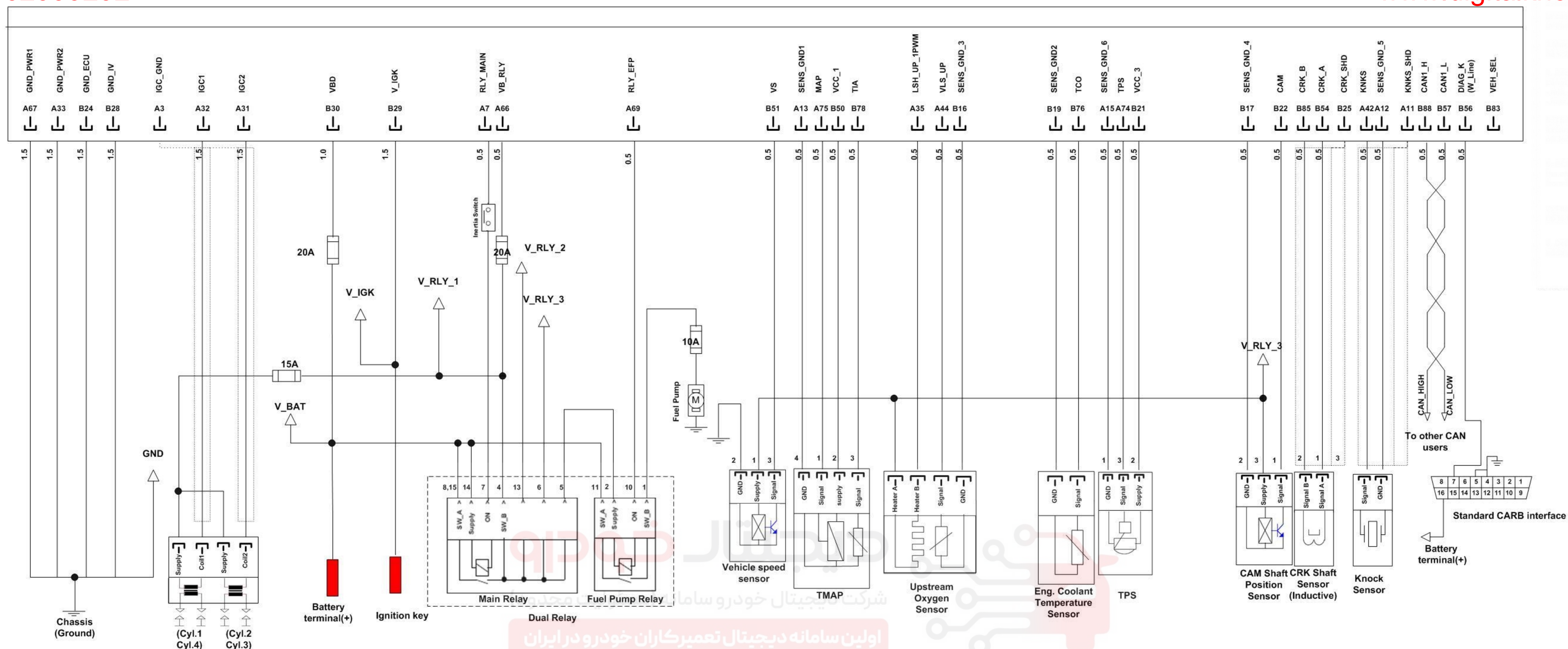
H4	ECU_GND	ECU ground
H3	PWR_GND	Power stage ground
H2	SOV_GAS_H_3	GAS shut off valve high 3
H1	SOV_GAS_H_1	GAS shut off valve high 1
G4	VBD	Direct battery voltage supply
G3	V_EL	Battery voltage after main relay
G2	SOV_GAS_PCD	GAS shut off valve PCD
G1	SOV_GAS_H_2	GAS shut off valve high 2
F4	BOOTSTRAP	Bootstrap heater activation
F3	FUC_CLOSE	Fuel cut close
F2	CNG_FTL_PWM	CNG fuel tank level output PWM
F1	FTL_LAMP	Fuel tank empty lamp
E4	SPARE_4	Reserved
E3	FUEL_TYPE_BOX	Fuel selected LED 2
E2	LED3	Fuel selected LED 3
E1	SEL_FUEL_1	Fuel selected LED 1
D4	(TBD)	State of pump relay (PPR)
D3	Gasoline_FTL_PWM	Gasoline fuel tank level output PWM
D1	V_IGK	Battery voltage after ignition key
C4	TS	Tachometer signal input
C3	VCC_PGAS_H	GAS pressure H VCC supply
C2	PGAS_H	PGAS pressure of high side
C1	GND_PGAS_H	PGAS_H Ground
B4	CAN_L	Controller Area Network(CAN) low
B3	CAN_L	Controller Area Network(CAN) low
B2	PGAS_H	PGAS Ground
B1	DIAG_DL	K-line
A4	CAN_H	Controller Area Network(CAN) high
A3	CAN_H	Controller Area Network(CAN) high
A2	TGAS_H	GAS temperature high side input
A1	(TBD)	Software type logic input (CND IDENT)



Pin definition

A1	TGAS_L	GAS temperature low side input
A3	TGAS_PCD	GAS temperature PCD
A4	GND_TGAS_PCD	TGAS_PCD ground
B2	VCC_PGAS_L	PGAS low VCC supply
B3	PGAS_L	PGAS pressure low side
B4	GND_PGAS_L	PGAS low Ground
C1	GND_LS_GAS_1	Lambda sensor 1 ground
C2	LS_GAS_1	Lambda sensor 1
C3	FTL_Gasoline	Gasoline fuel level
C4	GND_Gasoline_FTL	GFL Ground
D1	LS_GAS_2	Lambda sensor 2
D2	VCC_FTL	FTL VCC supply
D3	FTL	Fuel tank level
D4	GND_FTL	FTL ground
E1	GND_LS_GAS_2	Lambda sensor 2 ground
E2	TCO	Coolant temperature
E3	GND_TCO	TCO ground
E4	BFS_AN	Bi-fuel switch analog input
F1	TCO_COR_OUT	Temperature output
F2	GND_TCO_COR_OUT	ground
F3	FTL_AFU_AN_OUT	Fuel tank level analog output
F4	GND_FTL_AFU_AN_OUT	Fuel tank level analog output ground
G1	IV_1	Gasoline injector 1
G2	IV_2	Gasoline injector 2
G3	IV_3	Gasoline injector 3
G4	IV_4	Gasoline injector 4
H1	IV_1_IN	Injector 1 input
H2	IV_2_IN	Injector 2 input
H3	IV_3_IN	Injector 3 input
H4	IV_4_IN	Injector 4 input
I1	IV_5_IN	Injector 5 input
I2	IV_6_IN	Injector 6 input
I3	(TBD)	Info fuel selected from ECU (CNG FUEL)
J4	BFS_DIG	Bi-fuel switch digital input
K1	IV_5	Gasoline injector 5
K2	SPARE_1	Reserved
L1	IV_GAS_2	LPG/CNG injector 2
L2	IV_GAS_1	LPG/CNG injector 1
L3	SOV_GAS_1	GAS shut off valve 1
L4	SOV_GAS_H_5	GAS shut off valve high 5
M1	IV_GAS_4	LPG/CNG injector 4
M2	IV_GAS_3	LPG/CNG injector 3
M3	IV_GAS_6	LPG/CNG injector 6
M4	IV_GAS_8	LPG/CNG injector 8

دیجیتال خودرو
 شرکت دیجیتال خودرو سامانه (مسئولیت محدود)
 اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



اولین سامانه دیجیتال تعمیر کاران خودرو در ایران

