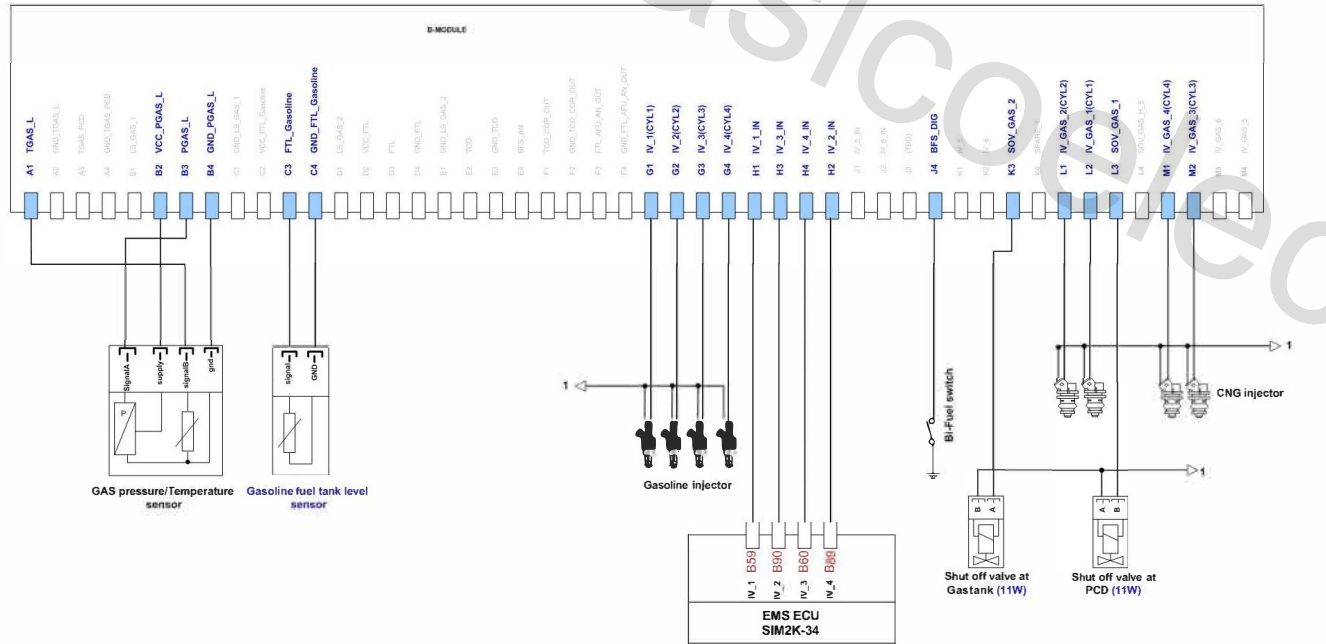
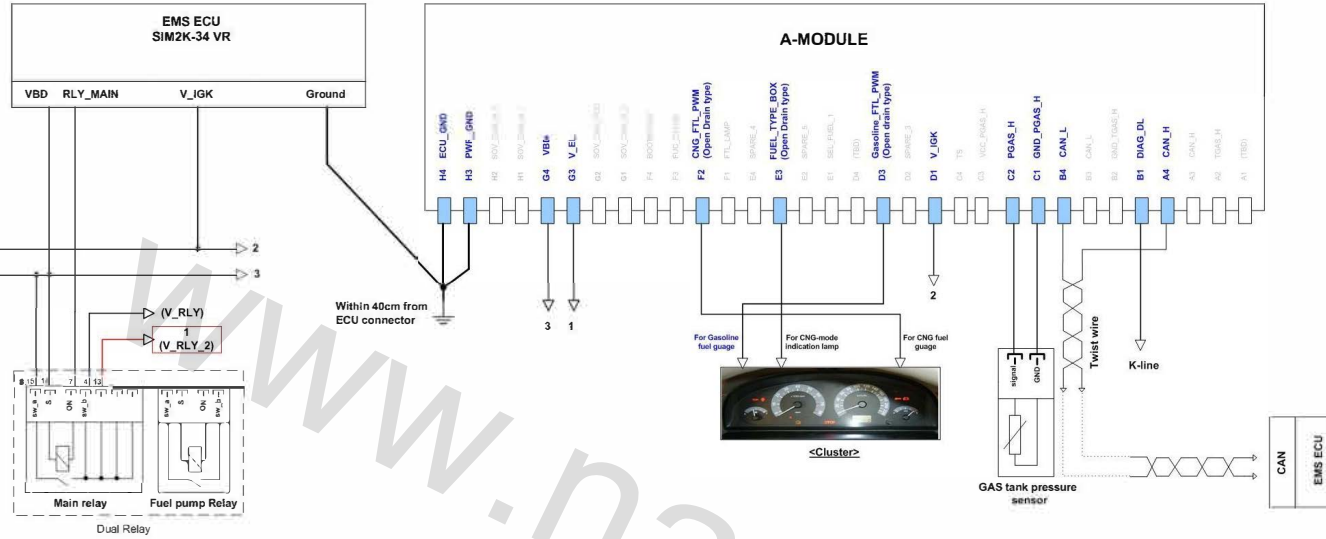
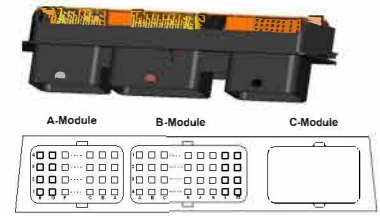


**NOTES**

Note description

- 1: Battery voltage after main relay supply, V\_EL
- 2: Battery voltage after Ignition key supply, V\_IGK
- 3: Direct battery voltage supply, VED

Pin-header, 40-pin 3module (Connector of CNG interface box side)  
 > Molex part number: 98228-1011



**Pin definition**

Pin	Signal Name	Description
H4	ECU_GND	ECU ground
H3	PWR_GND	Power supply ground
B4	EL	Direct battery voltage supply
G3	EL	Battery voltage after main relay
F2	CNG_FTL_PWM	CNG fuel tank level output PWM
F1	FTL_PWM	Fuel tank level output PWM
E3	FUEL_TYPE_BOX	Fuel selector, L/M/J
G0	Gasoline_FTL_PWM	Gasoline fuel tank level output PWM
B1	V_IGK	Battery voltage after ignition key
C2	PGAS_H	GAS pressure of high side
C1	PGAS_L	GAS pressure of low side
B4	CAN_L	Controller Area Network(CAN) low
B1	CAN_H	CAN
A1	CAN_H	Controller Area Network(CAN) high

Pin	Signal Name	Description
A1	TOAS_L	SAFETY sensor low side input
A2	GND_TOAS_L	
B1	PGAS_1	PGAS low VDC output
B2	PGAS_2	GAS pressure low side
B4	PGAS_3	PGAS low output
C0	FTL_Gasoline	Gasoline fuel level
A4	FTL_Gasoline	FTL output
G1	IV_1	Injector 1 input
G2	IV_2	Injector 2 input
G3	IV_3	Injector 3 input
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
J4	BFS_DIG	Bi-fuel switch signal input
K3	SOV_GAS_3	GAS shut off valve 3
L1	IV_GAS_2	Injector 2 input
L2	IV_GAS_1	Injector 1 input
L3	SOV_GAS_1	GAS shut off valve 1
M1	IV_GAS_1	Injector 1 input
M2	IV_GAS_3	Injector 3 input
M4	IV_GAS_3	Injector 3 input

