

The diagram illustrates the electrical wiring for a vehicle's engine and auxiliary systems. It shows the following components and their connections:

- Engine Cooling Fan Relay:** Connected to the engine cooling fan and the electric oil pump relay.
- Electric Oil Pump Relay:** Controls the electric oil pump and the electric oil pump solenoid valve.
- Electric Oil Pump:** Provides oil pressure to the engine.
- Electric Oil Pump Solenoid Valve:** Controls the flow of oil to the high-pressure oil pump solenoid valve.
- High-Pressure Oil Pump Solenoid Valve:** Controls the flow of oil to the pressure regulation solenoid valve.
- Pressure Regulation Solenoid Valve:** Controls the pressure of the fuel system.
- Electromagnetic Injectors:** Deliver fuel to the engine cylinders.
- Camshaft Position Sensor:** Provides position information to the engine control unit.
- Fuel Pressure Regulation Sensor:** Monitors the fuel pressure.
- Intake Pressure/Temperature Sensor:** Monitors the intake air pressure and temperature.
- Fuel Temperature Sensor:** Monitors the fuel temperature.
- Water Temperature Sensor:** Monitors the engine water temperature.
- VGT Variable Nozzle Turbocharger:** Controls the boost pressure.
- Engine Control Unit (ECU):** The central control unit for the engine.
- Main Relay:** Controls the power to the engine and other systems.

The diagram is divided into two main sections: B座 (left) and A座 (right). The terminal block is labeled with numbers 1 through 42, and the components are labeled with their respective functions and part numbers.

Diagram illustrating the connection of the engine side wiring harness (A seat) and the body additional wiring harness (B seat). The diagram shows two sets of terminals labeled 12, 8, 7, 1, 24, 20, 19, 13, 31, 25, 43, 39, 38, and 32, connected by lines representing the wiring harness.

接口	功能	
	A 座	B 座
1	发动机水温传感器正极	巡航控制正极 (选装)
2	进气压力传感器温度信号	加速踏板传感器信号
3	进气压力传感器压力信号	空闲
4	凸轮轴相位传感器正极	车速里程表 B7
5	空闲	空闲
6	燃油压力调节器传感器负极	空调压缩机正极
7	电动燃油泵继电器线圈正极	IVECO 诊断接口
8	电动燃油泵继电器线圈负极	电子加密起动装置电控单元信号负
9	压力调节电磁阀正极	电控中心 MS6.3 正极
10	电磁喷油器电磁阀负极 (喷油器 2-气缸 3)	电控中心 MS6.3 正极
11	空闲	预热电磁阀继电器线圈负极
12	电磁喷油器电磁阀负极 (喷油器 1-气缸 1)	蓄电池负极
13	燃油压力调节传感器正极	怠速开关正极
14	空闲	车速里程表 B7 输出地线 (选用)
15	燃油温度传感器正极	空闲
16	空闲	到自动离合器 ECU 的发动机转速信号
17	空闲	空闲
18	空闲	空闲
19	进气压力温度传感器负极	IVECO 诊断接口
20	压力调节电磁阀和高压油泵电磁阀负极	启动开关控制电源输入电控中心 MS6.3
21	高压油泵电磁阀正极	发动机预热信号灯负极
22	空闲	电控中心 MS6.3 正极
23	电磁喷油器电磁阀负极 (喷油器 3-气缸 4)	EDC 信号灯负极
24	电磁喷油器电磁阀负极 (喷油器 4-气缸 2)	蓄电池负极
25	EGR 选用	巡航控制正极 (选装)
26	空闲	制动灯继电器触点开关
27	空闲	加速踏板传感器负极
28	空闲	IVECO 诊断接口
29	电控中心 MS6.3 输出发动机转速表信号负	怠速开关负极
30	水温传感器和燃油温度传感器负极	空闲
31	凸轮轴相位传感器负极	制动踏板开关正极
32	柴油滤清器加热继电器线圈正极 (选装)	巡航控制正极 (选装)
33	燃油压力调节传感器信号	巡航控制正极 (选装)

34	进气压力温度传感器正极	空闲
35	空调压缩机继电器线圈正极	加速踏板传感器正极
36	VGT 可变喷嘴式增压器	空闲
37	电控中心 MS6.3 输出发动机转速表信号正	空闲
38	空闲	离合器开关连接制动灯继电器触点开关
39	发动机冷却风扇继电器线圈正极	电子加热启动装置控制单元信号正
40	电磁喷油器电磁阀正极 (喷油器 1-气缸 1)	主电源继电器线圈负极
41	电磁喷油器电磁阀正极 (喷油器 4-气缸 2)	电控中心 MS6.3 正极
42	电磁喷油器电磁阀正极 (喷油器 3-气缸 4)	预热塞继电器线圈负极
43	电磁喷油器电磁阀正极 (喷油器 2-气缸 3)	蓄电池负极