

Inputs

Resource	Function	Details
Digital 1	Trigger Primary Sensor Input	
Digital 2	Trigger Secondary Sensor Input	Assigned to multiple functions
Digital 2	VVT Timing Intake Intake camshaft 1 Position Sensor input	Assigned to multiple functions
Digital 3	Switches Vehicle Brake active Input	
Digital 5	Switches Vehicle Oil pressure low Input	
Digital 6	Switches Driver Stop engine Input	
Analog 1	Sensors Manifold pressure Sensor Input	
Analog 2	Sensors Fuel high pressure 1 Input	
Analog 3	Sensors Throttle 1 position Main signal Input	
Analog 4	Sensors Throttle 1 position Check signal Input	
Analog 5	Sensors Accelerator position Main signal Input	
Analog 6	Sensors Accelerator position Check signal Input	
Analog 7	Switches Vehicle Clutch disengaged Input	
Analog 8	Sensors Pre-throttle pressure Input	
Analog 9	Sensors Coolant temperature Input	
Analog 10	Sensors Intake air temperature Input	
Analog 11	Sensors Air conditioning pressure Input	

Outputs

Resource	Function	Details
Ignition 1	Ignition Coils Assignment Cylinder 1	
Ignition 2	Ignition Coils Assignment Cylinder 2	
Ignition 3	Ignition Coils Assignment Cylinder 3	
Ignition 4	Ignition Coils Assignment Cylinder 4	
Injector 1	Fuel Rail 1 Injectors Assignment Cylinder 1	
Injector 2	Fuel Rail 1 Injectors Assignment Cylinder 2	
Injector 3	Fuel Rail 1 Injectors Assignment Cylinder 3	
Injector 4	Fuel Rail 1 Injectors Assignment Cylinder 4	
Auxiliary 1	Lambda controller 1 Wideband heater output	
Auxiliary 2	Outputs Custom outputs Output B Output	<i>E-thermo</i> – Controls the heated thermostat.
Auxiliary 3	Outputs Custom outputs Output E Output	<i>CL Pump</i> – Controls the after-run turbocharger coolant pump.
Auxiliary 5	Outputs Coolant fans Coolant fan 1 Output	
Auxiliary 6	Outputs Coolant fans Coolant fan 2 Output	
Auxiliary 7	Outputs Custom outputs Output C Output	<i>Blow-off</i> – Controls the blow-off valve.
Auxiliary 8	Boost Actuator Solenoid Output	
Auxiliary 9	Outputs Fuel pump Output	
Auxiliary 10	VVT Timing Intake Intake camshaft 1 Actuator Solenoid Output	
Auxiliary 11	Outputs Custom outputs Output D Output	<i>GDI Relay</i> – Controls the power supply relay for the GDI module.
Auxiliary 12	Outputs Custom outputs Output A Output	<i>DLY T OFF</i> – Keeps the power supply relay active during the delayed turn-off procedure.
H-bridge 1A	DBW Throttle 1 Setup Output	
H-bridge 1B	DBW Throttle 1 Setup Output	
H-bridge 2B	Fuel Rail 1 High pressure pumps Setup Pump 1 Valve output	