

System Operation Check Mode

ENGINE (DIAGNOSTICS)

14. System Operation Check Mode

A: OPERATION

CAUTION:

After executing the system operation check mode, execute the Clear Memory Mode. <Ref. to EN(w/o STI)(diag)-61, OPERATION, Clear Memory Mode.>

NOTE:

For detailed operation procedures, refer to “PC application help for Subaru Select Monitor”.

Item		SSM display		Execution condition
Actuator ON/OFF Operation	Activating the fuel pump ON/OFF	Fuel Pump	ON ↔ OFF	Ignition switch is ON (engine OFF)
	Activating the purge control solenoid valve ON/OFF	CPC Solenoid Valve	ON ↔ OFF	
	Activating the radiator fan relay ON/OFF	Radiator Fan Relay	ON ↔ OFF	
	Activating the A/C relay ON/OFF	A/C Relay	ON ↔ OFF	
	Activating the wastegate control solenoid valve ON/OFF	Turbocharger Wastegate Solenoid	0.0% ↔ 99.6%	
	Activating the purge control solenoid valve 2 ON/OFF	CPC Solenoid 2	ON ↔ OFF	
	Activating the ELCM switching valve ON/OFF	ELCM switching valve	ON ↔ OFF	
	Activating the ELCM vacuum pump ON/OFF	ELCM pump	ON ↔ OFF	
Fuel Pump Control	Fuel pump OFF operation	OFF drive	OFF	At idling
Fixed Idle Ignition Timing		Fixed Idle Ignition Timing	10.0°	At idling
Idle Speed Control		Idle Speed Control	500 — 2000 rpm	At idling
Injector Control	Stopping fuel injection (Cylinder selection)	Injection Stop Mode	Injector 1 Injector 2 Injector 3 Injector 4	At idling
	Fuel injection amount control (All cylinders)	Injection Quantity Control	−12.5 — 20%	At idling
EGR control valve control		EGR Valve Control	0 — 255 STEP	At idling
High Pressure Pipe Inspection		High Pressure Fuel Inspection		At idling
Alternator control		Alternator control	Low mode Middle mode High mode ExHigh mode	At idling
Compression monitor		Compression monitor	—	<ul style="list-style-type: none"> Ignition switch is ON (engine OFF) Accelerator pedal is fully depressed