

# 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(STI)(diag)-59, OPERATION, Clear Memory Mode.>.

#### 1. ENGINE

##### 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 1 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 secondary air combination valve relay 1 ON/OFF	Secondary Air Combi Valve 1	ON ↔ OFF	
	Activating the secondary air combination valve relay 2 ON/OFF	Secondary Air Combi Valve 2	ON ↔ OFF	
	Activating the secondary air pump relay ON/OFF	Secondary Air Pump Relay	ON ↔ OFF	
	Activating the purge control solenoid valve 2 ON/OFF	CPC Solenoid 2	ON ↔ OFF	
	Activating the ELCM switching valve	ELCM switching valve	ON ↔ OFF	
	Activating the ELCM vacuum pump	ELCM pump	ON ↔ OFF	
Fuel Pump Control	Fuel pump OFF operation	OFF drive	OFF	At idling
	Activating the fuel pump ON/OFF	ON/OFF Dr.	ON ↔ OFF	Ignition switch is ON (engine OFF)
Fixed Idle Ignition Timing		Fixed Idle Ignition Timing	16.0°	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	0 — 20%	At idling