

Fail-safe function table

Symptom	FAIL-SAFE FUNCTION				DIAGNOSIS CODE
	Ignition	Injection	ISC	Engine condition	
Incorrect pulser coil signal	Engine starting: Only the cylinders outputting normal signal ignite at BTDC10°, and all cylinders thereafter.	All cylinders inject simultaneously based on the cylinder that is outputting a normal signal.	Only in neutral: 900 r/min	Idle speed increases	13
Incorrect engine temperature sensor signal	Normal control	Engine temperature sensor is fixed to 40 °C to activate normal control.	Only in neutral: 900 r/min	Idle speed increases	15
Incorrect throttle position sensor signal	Ignition timing is fixed to BTDC10°.	Correction is made to the basic injection map.	Opening angle is fixed to 60%.	Idle speed increases	18
Incorrect intake air temperature sensor signal	Normal control	Intake air temperature sensor is fixed to 40 °C in order to activate normal control.	Only in neutral: 900 r/min	Idle speed increases	23
Incorrect neutral switch signal	Normal control	Normal control	Normal control	Normal control	28
Incorrect intake air pressure sensor signal	Normal control	Correction is made to the basic injection map.	Only in neutral: 900 r/min	Idle speed increases	29
Incorrect oil pressure sensor signal	Normal control	Normal control	Only in neutral: 900 r/min	Idle speed increases	39
Incorrect shift cut switch signal	Normal control	Normal control	In neutral: 900 r/min In gear: 850 r/min	Idle speed increases	45
Incorrect thermo-switch signal	Normal control	Normal control	Only in neutral: 900 r/min	Idle speed increases	46

