

FAIL-SAFE CHART

If any of the following codes is recorded, the ECM enters fail-safe mode.

DTC No.	Fail-Safe Operation	Fail-Safe Deactivation Conditions
P0100	- Ignition timing fixed at 5° BTDC - Injection method fixed at simultaneous injection	Returned to normal condition
P0110	Intake air temp. is fixed at 68°F (20°C)	Returned to normal condition
P0115	Engine coolant temp. is fixed at 176°F (80°C)	Returned to normal condition
P0120	VTA is fixed at 0°	The following condition must be repeated at least 2 times consecutively When closed throttle position switch is ON: $0.1\text{ V} \leq \text{VTA} \leq 0.95\text{ V}$
P0135 P0141	The heater circuit in which an abnormality is detected is turned off	Ignition switch OFF
P0325 P0330	Max timing retardation	Ignition switch OFF
P1300	Fuel cut	IGF signal is detected for 6 consecutive ignitions
P1605	Max. timing retardation	Returned to normal condition

Back-UP Function

If there is trouble with the program in the ECM and ignition signals (IGT) are not output from the microcomputer, the ECM controls fuel injection and ignition timing at predetermined levels as a back-up function to make it possible to continue to operate the vehicle.

Furthermore, the injection duration is calculated from the starting signal (STA) and the closed throttle position switch signal (IDL). Also, the ignition timing is fixed at 5° BTDC, without relation to the engine speed.

HINT: If the engine is controlled by the back-up function, the malfunction indicator lamp lights up to warn the driver of the malfunction but the diagnostic trouble code is not output.