

Components Engine Outputs Monitor Introduction

Co010-01

Components Engine Outputs Monitor Summary

The "Components Engine Outputs" represents the components, such as the igniter, that function in response to the signals from the ECM (refer to the Components Engine Outputs Chart). The ECM monitors the Components Engine Outputs for a malfunction to prevent the emission system from deteriorating. If the ECM detects a malfunction in the Components Engine Outputs, it will illuminate the MIL and set a DTC.

The ECM detects a malfunction as follows:

- If the outputs from the ECM are out of the specified range, the ECM will interpret this as an open or short circuit in the component that should receive the outputs or in its circuit.
- If the ECM outputs a command to a component however the component does not function as the command, the ECM will interpret this as a malfunction in the component.

Components Engine Outputs Chart

Section	Document	Contents	Extended Code	Previous Code	See Page	
Components Engine Outputs	Idle Speed Control System	Idle Speed Control System Monitor Description	P0505	P0505	Co-2	
			P0511			
	Igniter	Igniter Monitor Description	P0351	P1300	Co-4	
			P0352	P1305		
			P0353	P1310		
			P0354	P1315		
			P0355	P1320		
			P0356	P1325		
			P0357	P1330		
	VVT System	Valve Timing Monitor Description	P0358	P1340	Co-6	
			P0011	P1349		Co-8
			P0012			
			P0021	P1354		
		P0022				
		VVT System Monitor Description	P0016	P1346	Co-15	
			P0018	P1351		
		OCV for VVT Monitor Description	P0010	P1656	Co-17	
	P0020		P1663			
	VVTL System	OCV for VVTL Monitor Description	P1010	P1690	Co-15	
		VVTL System Monitor Description	P1011	P1692	Co-17	
			P1012	P1693		