Idle Air Control Valve								
Component/ System	Fault Codes	Monitoring Strategy Description	Malfunction Criteria	Threshold value	Secondary Parameter	Enable Conditions	Time Required	MIL Illumination
Idle Air Control Valve opening	P1510	circuit continuity - Open circuit	voltage - drive off	1/3 * Battery positive < voltage <2/3 * Battery positive	engine speed battery voltage	> 80 rpm 7.5V < Battery positive < 17V	immediately/ continuous	two driving Cycles
	P1513	circuit continuity - short to ground	voltage - drive off	voltage < 1/3 * Battery positive				
	P1514	circuit continuity - Short to battery positive	voltage - drive on	voltage > 1/2 * Battery positive				
closing	P1551	circuit continuity - open circuit	voltage - drive off	1/3 * Battery positive < voltage <2/3 * Battery positive				
	P1552	circuit continuity - short to ground	voltage - drive off	voltage < 1/3 * Battery positive				
	P1553	circuit continuity - short to battery positive	voltage - drive on	voltage > 1/2 * Battery positive				
	P0505	functional check	actual - desired RPM	> +180 rpm < -100 rpm	vehicle speed ECT IAT altitude adaptation transfer gears engine load	= 0 mph > 80.25° C > -9.75° C > 0.712 high range < 2.5 m sec	2.0 to 3.0 sec/once per driving cycle	

If the above table does not include details of the following enabling conditions: - IAT, ECT, vehicle speed range, and time after engine start-up then the state of these parameters has no influence upon the execution of the monitor.