



Secondary Air Injection System Monitoring Operation

Component/ System	Fault Codes	Monitoring Strategy Description	Malfunction Criteria	Threshold value	Secondary Parameter	Enable Conditions	Time Required	MIL Illumination
(Active Test)		injection pump with the control valves shut and monitor the Fuelling Correction			injection	has operated this drive cycle		
Bank 1 Bank 2	P1413 P1416				fuel system status passive secondary air diagnostic altitude factor time after engine start	Closed loop not completed		
Bank 1 Bank 2	P1414 P1417	flow check:- if the valve check is successful, continue running the pump, but with the valves open and monitor the Fuelling correction.	change in fuelling correction	< 0.08	purge status active test counter	> 0.711 > 580 sec ramped to zero & wait 3.0 sec > 0		

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.