

MODE \$06**SIM4 (M271 KE, H/I-Stand),****Serial Communication****Mode \$06 - Request On Board Monitoring Results For Non Cont.-Monitored Systems**

Functional Description of MODE \$06, Test ID \$00 – Supported TIDs \$01 ... \$20

MODE \$06, Test ID \$00, DATA A – Supported Test IDs \$01 ... \$08

MODE \$06, Test ID \$00, DATA B – Supported Test IDs \$09 ... \$10

MODE \$06, Test ID \$00, DATA C – Supported Test IDs \$11 ... \$18

MODE \$06, Test ID \$00, DATA D – Supported Test IDs \$19 ... \$20

Test ID \$01, Component ID \$01, Catalyst Efficiency Diagnosis

-> Output scan tool: Test ID 01, Component ID: \$01_____0
min: N/A max: 64 Test: passed

Test ID \$02, Component ID \$01, O2-sensor dynamic check

-> Output scan tool: Test ID 02, Component ID: \$01_____32957
min: 5407 max: N/A Test: passed

Test ID \$03, Component ID \$01, Secondary Air System Diagnosis

-> Output scan tool: Test ID 03, Component ID: \$01_____286
min: 205 max: N/A Test: passed

Test ID \$04, Component ID \$01, EGR Monitoring

-> not available via scan tool (exhaust gas recirculation only for M271 DE)

Test ID \$05, Component ID \$01, Evaporative emission control diagnosis, small leak (1mm)

-> not available via scan tool (EVAP only for USA vehicles?)

Test ID \$05, Component ID \$02 Evaporative emission control diagnosis, large leak

-> not available via scan tool (EVAP only for USA vehicles?)

Test ID \$05, Component ID \$03 Evaporative emission control diagnosis, tank cap missing

-> not available via scan tool (EVAP only for USA vehicles?)

Test ID \$06, Component ID \$01, Downstream oxygen sensor heater monitoring

-> Output scan tool: Test ID 06, Component ID: \$01_____169
min: N/A max: 25000 Test: passed

Test ID \$06, Component ID \$02, Upstream oxygen sensor heater monitoring

-> Output scan tool: Test ID 06, Component ID: \$02_____44728
min: N/A max: 45168 Test: passed
Test ID 06, Component ID: \$02_____44728
min: 44368 max: N/A Test: passed

Test ID \$07, Component ID \$01 Variable Valve Timing diagnosis - Inlet

-> Output scan tool: Test ID 07, Component ID: \$01_____0
min: N/A max: 8138 Test: passed

Test ID \$08, Component ID \$01 Variable Valve Timing diagnosis - Outlet

-> Output scan tool: Test ID 08, Component ID: \$01_____0
min: N/A max: 8138 Test: passed

Test ID \$09, Component ID \$01 Time after start until Lambda controller operative readiness

-> Output scan tool: Test ID 09, Component ID: \$01_____490
min: N/A max: 1200 Test: passed

Test ID \$0A, Component ID \$01 Port flap functional check

-> Output scan tool: selected Test is currently not available, see readiness status
and manufacturer documentaation

Test ID \$0B, Component ID \$01 Exhaust flap functional check

-> Output scan tool: selected Test is currently not available, see readiness status
and manufacturer documentaation

Test ID \$0C, Component ID \$01 Thermostat Monitoring

-> Output scan tool: selected Test is currently not available, see readiness status
and manufacturer documentaation