

Produc 6/02

MANUFACTURER:MERCEDES
MODEL :163.154(M-SERIES)
MODEL YEAR :2002
ENGINE :112.942 3.2L SFI L-V6

CONTROL MODULE :ME2.8
MB NUMBER :1121533379
SUPPLIER :Bosch
DIAGNOSTIC VERSION:1/06
HARDWARE VERSION :04/02
SOFTWARE VERSION :11/02

CARTRIDGE VERSION :4.3
MAINBOARD VERSION :2.2
GCI VERSION :00.40
SYS VERSION :0.0
VARIANT :00000006
SW DATE (m/d/y):10/13/2003
SW TIME :18:03

COMPLETE ENGINE DATA

02 SENSOR, UPSTREAM CAT, RIGHT(V) 0.71
02 SENSOR, UPSTREAM CAT, LEFT(V) 0.69
02 SENSOR, DOWNSTREAM CAT, RIGHT(V) 0.71
02 SENSOR, DOWNSTREAM CAT, LEFT(V) 0.72
02 CONTROL, UPSTREAM CAT, RIGHT ON
02 CONTROL, UPSTREAM CAT, LEFT ON
02 CONTROL, DOWNSTREAM CAT, RIGHT OFF
02 CONTROL, DOWNSTREAM CAT, LEFT OFF
02S DOWNSTREAM CAT, RIGHT READY
02S DOWNSTREAM CAT, LEFT READY
LAMBDA, UPSTREAM CAT, RIGHT 0.99
LAMBDA, UPSTREAM CAT, LEFT 0.99
MIXTURE ADAPTATION NOT INHIBITED
SELF-ADAPTATION DISABLED
IDLE FUEL TRIM ADAPTAT. RIGHT(ms) -0.03
IDLE FUEL TRIM ADAPTATION LEFT(ms) -0.07
PART LOAD FUEL TRIM ADAPTAT. LEFT 1.04
PART LOAD FUEL TRIM ADAPTAT. RIGHT 0.99
HOT FILM MASS AIR FLOW SENSOR(ka/h) 12
HOT FILM MASS AIR FLOW SENSOR(V) 1.37
INJECTION TIME, RIGHT BANK(ms) 3.45
INJECTION TIME, LEFT BANK(ms) 3.53
MANIFOLD AIR PRESSURE(hPa) 35kPa = 350
MANIFOLD AIR PRESSURE(V) 1.40
ENGINE COOLANT TEMPERATURE(°F) 188
ENGINE COOLANT TEMPERATURE(V) 0.73
OIL TEMPERATURE(°F) 181
INTAKE AIR TEMPERATURE(°F) 125
INTAKE AIR TEMPERATURE(V) 1.33
EXHAUST TEMPERATURE (TWC MODEL)(°F) 759
ENGINE START TEMPERATURE(°F) 145
AFTER-START ENRICHMENT OFF
ENGINE LOAD(%) 17.5
LOAD CORRECTION FACTOR 1.02
INDICATED ENGINE TORQUE(Nm) 896
PURGE CONTROL ON
PURGE VALVE DUTY CYCLE(%) 8
FUEL CANISTER PRESSURE DIFF.(hPa) -1
FUEL CANISTER PRESSURE DIFF.(V) 2.94

ENGINE SPEED(1/MIN) 708
BATTERY VOLTAGE(V) 13.8
IDLE SPEED DETECTION ON
FULL LOAD DETECTION OFF
THROTTLE VALVE POSITION(°) 1
THROTTLE VALVE STOP LEARNED YES
PEDAL VALUE SENSOR SIGNAL 1(V) 0.29
PEDAL VALUE SENSOR SIGNAL 2(V) 0.15
THROTTLE VALVE ACTUATOR SIGN. 1(V) 0.59
THROTTLE VALVE ACTUATOR SIGN. 2(V) 4.37
AIR CONDITIONING OFF
ELECTRIC AIR PUMP OFF
AIR PUMP SWITCHOVER VALVE CLOSED
CAMSHAFT HALL-EFFECT SENSOR RUNNING
IGNITION ADVANCE ANGLE(°) 42
STOP LAMP SWITCH OFF
SELECTOR LEVER POSITION P,N
KNOCK CONTROL DISABLED
KNOCK SENSOR RIGHT(V) 0.00
KNOCK SENSOR LEFT(V) 0.00
KNOCK IGNITION ANGLE CYL. 1(°) 0
KNOCK IGNITION ANGLE CYL. 2(°) 0
KNOCK IGNITION ANGLE CYL. 3(°) 0
KNOCK IGNITION ANGLE CYL. 4(°) 0
KNOCK IGNITION ANGLE CYL. 5(°) 0
KNOCK IGNITION ANGLE CYL. 6(°) 0
MISFIRE FAULT COUNTER CYLINDER 1 0
MISFIRE FAULT COUNTER CYLINDER 2 0
MISFIRE FAULT COUNTER CYLINDER 3 0
MISFIRE FAULT COUNTER CYLINDER 4 0
MISFIRE FAULT COUNTER CYLINDER 5 0
MISFIRE FAULT COUNTER CYLINDER 6 0
CAMSHAFT ADJUSTMENT VALVE, RIGHT OFF
CAMSHAFT ADJUSTMENT VALVE, LEFT OFF
SMOOTH RUNNING OF CYL. 1(1/s²) 0.0
SMOOTH RUNNING OF CYL. 2(1/s²) 18.00
SMOOTH RUNNING OF CYL. 3(1/s²) 0.6
SMOOTH RUNNING OF CYL. 4(1/s²) 161.0
SMOOTH RUNNING OF CYL. 5(1/s²) 0.0
SMOOTH RUNNING OF CYL. 6(1/s²) 0.6
CYLINDER SHUTOFF VALVE, RIGHT OFF
CYLINDER SHUTOFF VALVE, LEFT OFF
FAN CAPACITY REQUEST BY A/C(%) 0
FAN CAPACITY REQUEST BY ENGINE(%) 0
FAN CAPACITY, EFFECTIVE(%) 0
EXHAUST FLAP CLOSED
FRONT AXLE SPEED(MPH) 0
REAR AXLE SPEED(MPH) 0
OIL LEVEL(mm) 60
OIL QUALITY 2.2
DRIVE AUTHORIZ.,IMMOBILIZER NOT ACTIVE
IRREG.RUNNING SHUTOFF VALUE(1/s²) 0.0
TRANSMISSION PROTECTION OFF
INERTIA FUEL SHUTOFF OFF
CATALYTIC CONVERTER HEATER OFF

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