

MACK V14.05 Function List

Note:

✓

Functions marked with ✓ is fully supported.

| MENU | System | ECU Info | Read Fault Code | Clear Fault Code | Live Data | Active Test | Special Func | Param Programming |
|--------------|---|----------|-----------------|------------------|-----------|---|-----------------------------------|---------------------|
| MACK (J1708) | MID_128 - Engine ECU | ✓ | ✓ | ✓ | ✓ | 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027, 028, 029, 030, 031 | 075, 076 | Some models support |
| | MID_130 - Transmission ECU | ✓ | ✓ | ✓ | ✓ | 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044 | 077, 078, 079, 080, 081, 082, 083 | Some models support |
| | MID_136 - Brake ECU | ✓ | ✓ | ✓ | ✓ | 045, 046, 047, 048, 049, 050 | 084, 085, 086, 087, 088 | Some models support |
| | MID_140 - Information display | ✓ | ✓ | ✓ | ✓ | 051, 052 | 089, 090, 091, 092 | Some models support |
| | MID_142 - Road Connect | ✓ | ✓ | ✓ | ✓ | 093 | | Some models support |
| | MID_144 - Vehicle ECU | ✓ | ✓ | ✓ | ✓ | 053, 054, 055, 056, 057, 058, 059, 060 | 094, 095 | Some models support |
| | MID_150 - Air Suspension.vehicle | ✓ | ✓ | ✓ | ✓ | 061, 062, 063 | 096, 097 | Some models support |
| | MID_184 - Rear axle steering | ✓ | ✓ | ✓ | ✓ | 064 | 098 | Some models support |
| | MID_216 - Outer Lighting Control Unit (LCM) | ✓ | ✓ | ✓ | ✓ | 065 | | Some models support |
| | MID_222 - Retarder ECU | ✓ | ✓ | ✓ | ✓ | 066, 067 | | Some models support |
| | MID_223 - Gear Selector ECU | ✓ | ✓ | ✓ | ✓ | 068 | | Some models support |
| | MID_233 - Aftertreatment Control Module | ✓ | ✓ | ✓ | ✓ | 069, 070, 071, 072, 073, 074 | 099, 100 | Some models support |
| | Other MID System | ✓ | ✓ | ✓ | ✓ | | | Some models support |

Function Name Table

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| 001 | Injector Cut Out, Manual |
| 002 | Injector Cut Out, Manual (Volvo Buses B7FB) |
| 003 | Injector Cut Out, Manual (Volvo VM Trucks) |
| 004 | Cylinder Compression, Test |
| 005 | Cylinder Compression, Test (Volvo Buses B7FB) |
| 006 | Cylinder Compression, Test (Volvo VM Trucks) |
| 007 | Learned Data Reset |
| 008 | Oil Pressure Test (During Cranking) |
| 009 | Cylinder Balancing, Test |
| 010 | Engine Run-up, Test (Volvo Buses B7FB) |
| 011 | Draining Water in the Fuel, Test |
| 012 | Engine Brake Function, Test |
| 013 | Diesel Particulate Filter Service Regeneration |
| 014 | Warm-Hold Function Test |
| 015 | Exhaust Aftertreatment Diagnostics |
| 016 | Variable Geometry Turbo Function Test |
| 017 | Function Monitoring Parameters, Reset |
| 018 | SCR, Diesel Exhaust Fluid, Crystal Sublimation |
| 019 | Actuator By-Pass Valve, Test |
| 020 | Exhaust Aftertreatment System Logged Data |
| 021 | Electrically Controlled Engine Cooling Fan (FC), Test |
| 022 | Exhaust Gas Recirculation, Function Test |
| 023 | Fuel Supply Pressure, Check |
| 024 | Fuel Consumption, Check |
| 025 | Power Consuming Equipment, Fuel Volume, Check |
| 026 | Test Drive, Response |
| 027 | Preheat, Test |
| 028 | Sensor Values History |
| 029 | Boost Pressure, Test Drive |
| 030 | Intake and Exhaust Systems, Checks |
| 031 | Sensor Values, Monitoring |
| 032 | Transmission Speed Sensor, Test |
| 033 | Oil Sensor Signals, Test |
| 034 | Vehicle Inclination Sensor, Test |
| 035 | Clutch Wear Check Test |
| 036 | Clutch Drag, Test |
| 037 | Range Cylinder, Test |
| 038 | Split Cylinder, Test |
| 039 | Gear Selector Cylinder 2/3, Test |
| 040 | Gear Selector Cylinder 1/Reverse, Test |
| 041 | PWM valves clutch test |
| 042 | Solenoid valves test |

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| 043 | Gears, Test |
| 044 | 40010-3-Clutch Cylinder test |
| 045 | Activate ABS valve test |
| 046 | Brake pads test |
| 047 | ESP Function Switching On and Off Test |
| 048 | TCS Function Shut off Test |
| 049 | Solenoid control valves ABS test |
| 050 | Foot brake valve test |
| 051 | Gauge Checks, Instrument Cluster |
| 052 | Instrument Cluster, Test |
| 053 | Accelerator Pedal, Test |
| 054 | Control Auxiliary Brake Test |
| 055 | Air Dryer Solenoid Valves Test |
| 056 | Ignition Switch Test |
| 057 | Cruise control test |
| 058 | Idle Shutdown Function Check |
| 059 | Pneumatic System Status |
| 060 | 17073-3-Service Alert System,Configuration and Reports |
| 061 | Pressure Sensor,Test |
| 062 | Level Sensor Test |
| 063 | Solenoid Valves, Test |
| 064 | Rear axle steering control valve test |
| 065 | Intermittent Wiper Test |
| 066 | Pressure Setting Retarder Test |
| 067 | PWM Valve Retarder,Test |
| 068 | Gear selector test |
| 069 | SCR System, Test |
| 070 | SCR System, Test (Volvo VM Truck) |
| 071 | SCR System Drain, Test |
| 072 | SCR System Drain, Test (Volvo VM Truck) |
| 073 | Diesel Particulate Filter Service Regeneration (Volvo Construction Equipment L70G) |
| 074 | Reset soot and ash load (Volvo Construction Equipment L70G) |
| 075 | Variable Geometry Turbo, Calibration |
| 076 | Variable Geometry Turbo, Calibration (Mack Truck) |
| 077 | Clutch Wear Check Test |
| 078 | 40010-3-Clutch Cylinder test |
| 079 | 40070-3-Transmission and Clutch,Pulling Position,Calibration (VOLVO FL Truck) |
| 080 | 40070-3-Transmission and Clutch,Pulling Position,Calibration |
| 081 | 40084-3-Clutch Stroke Length and Wear,Calibration |
| 082 | 40104-3-Transmission,Calibration |
| 083 | 40053-3-Clutch Engagement Point,Calibration |
| 084 | 50007-3-Brake pad wear sensor front axle,calibration |
| 085 | 50018-3-Brake pad wear sensor rear axle,calibration |
| 086 | 59358-3-Steering angle sensor,calibration |

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| 087 | 59361-3-Steering yaw rate,calibration |
| 088 | 59377-3-Reinitiate learned parameters,calibration |
| 089 | 38252-3-Fuel level gauge, calibration |
| 090 | 38253-3-Oil pressure gauge, calibration |
| 091 | 38254-3-Coolant temperature gauge, calibration |
| 092 | 38255-3-Intake manifold pressure gauge, calibration |
| 093 | Telematics control unit,reset(Volvo Construction Equipment) |
| 094 | 17073-3-Service Alert System,Configuration and Reports |
| 095 | 56185-3-Air Dryer Setting Resetting,Calibration |
| 096 | 72911-3-Level sensor,calibration(one axle) |
| 097 | 72881-3-Level sensor,calibration |
| 098 | 64235-3-Steering Angle Seneor,Steering Gear/Hydraulic Cylinder,Calibrating |
| 099 | 2589-07-03-02-SCR SCRT Freeze Monitor,Calibration |
| 100 | 25833-03-SCR, SCRT Freeze Monitor,Calibration(Volvo VM Truck) |