



MERCEDES BENZ TOOL CATALOG



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European, Asian & Domestic Automotive Diagnostic Scanner

**TWICE THE MODEL COVERAGE OF ANY OTHER SCANNER
ON THE MARKET - THE BEST SINCE 1999**

NEW



- **New** CAN Diagnostics (Slow & Fast)
- **New** Short Test
- **New** Programmable Modules
- **New** Internet Updates
- **New** Free Software Service Packs
- **New** PC Link Software

Systems covered include:

- Drivetrain (Engine/Transmission...)
- Chassis (Traction, Braking, Suspension...)
- Body (Doors, Windows, Seats, Wipers...)
- Information & Communications
- Climate Controls (Heating, AC...)
- ... and More

**Dealer Level Information
OBD and OBD-II Systems
Controller Coding
Serial Printer Output**

iSCAN

**Mercedes * BMW * Volkswagen/Audi * Porsche * Volvo
Toyota/Lexus * Nissan/Infiniti * Honda/Acura * Mitsubishi
Mazda * Ford * Opel/GM + OBD-II**

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PS-Module

Programmable via the Internet for Faster Updates or Upgrades.

The **PS-Module** is a new innovation for the **iSCAN** and CS2000 family of scanners. It allows the user to get updates (Service Packs) or upgrades (New Software versions) to the software through Internet email allowing for quick fixes as new vehicles and vehicle systems are released, new features to the software are introduced, fault code explanations improved or model year coverage is increased.

All **Service Pack Updates** for that version of the software are **free!**

All PS-Modules come with Basic OBD-II functionality (including readiness status for smog) built in. This means you always have a generic OBD-II scanner on hand in the shop.

OBD-II Functions:

- Data Stream
- Fault Codes (Read and Clear)
- Freeze Frame Information
- Oxygen Sensor Monitoring
- Graphing of Component Live Values
- Readiness Status

The Truth About CAN

What is CAN?

CAN is a communications method that allows high speed communications between vehicle controllers eliminating the need for multiple sensors and wiring. CAN communications also allows the vehicle to talk to scanners at much higher speeds than has been available to date. Because of this many older scanners will not have the capability to communicate at these higher speeds.

Why do I need a CAN compatible scanner?

The new generation of Mercedes, Volvo, Porsche and Audi vehicles are now coming on line with CAN communication for OEM proprietary diagnostics and OBD-II CAN. Without CAN compatibility, diagnostic communication with these vehicles is impossible.

The **iSCAN** diagnostic scanner is the first aftermarket scanner to offer both OEM proprietary and SAE/ISO OBD-II CAN communications software for these vehicles. With this compatibility the **iSCAN** can communicate with all CAN bus types, whether they are Drivetrain, Chassis, Body, Information and Communication or other system.

Mercedes Tool











General Engine 01

| Tool Number | Application | Models | |
|-------------|--|---|--|
| 117-0223 | CASE DRILLING FIXTURE - V8 Use to install Timesert inserts when the cylinder bolt holes strip in the light alloy type engine case. Use with Timesert kit #TS1015 and inserts #TS10155. | M116, 117 |  |
| TS1015 | TIMESERT KIT-10X1.5mm Timesert kit for rethreading case when cylinder head bolts strip out. Use with alignment jig #117-0223 and inserts #TS10155. | M116, 117 |  |
| TS10155 | TIMESERT INSERTS 10X1.5X24.5mm Bulk Timesert inserts for case repair on Mercedes Benz V8 and VW air cooled engines. | M116, 117 |  |
| 602-0033 | IMPACT EXTRACTOR FOR PRE CHAMBERS - DIESEL Slide hammer with #902-0033B threaded adapter for removing the pre combustion chambers on diesel models. | OM601, 602, 603, 604, 605, 606, 615, 616, 617 | DIESEL  |
| 902-0033B | PRE CHAMBER PULLER SLIDE HAMMER ADAPTER - DIESEL Special slide hammer adapter for removing pre combustion chamber from early and late model Turbo Mercedes diesel models. Use with #602-0033B. Has both coarse and fine threads. | OM604, 605, 606, 615, 616, 617 | DIESEL  |
| 615-0007 | PRE-CHAMBER RETAINER RING PIN WRENCH - DIESEL Use to remove and install the threaded retainer ring of the pre-chamber. | OM615, 616, 617 | DIESEL  |
| ST3000 | PRE CHAMBER RETAINAER RING SOCKET - DIESEL Multi spline socket for removing pre combustion chamber retainer ring on late model indirect injection diesel models. MB #604 589 0109 | OM602, 603, 604, 605, 606 | DIESEL  |
| B606-0053 | GLOW PLUG BORE REAMER - 'PENCIL' TYPE EXTRA LONG Special 12x1.25mm extra long threaded reamer for removing heavy carbon deposit from glow plug hole which is a major cause of glow plug failure. For models from 1996 to end of production. | OM604, 605, 606, 648 | DIESEL  |
| 901-0053 | GLOW PLUG BORE REAMER - 'PENCIL' TYPE - DIESEL Special 12x1.25mm reamer for removing heavy carbon deposit from glow plug hole which is a major cause of glow plug failure. For models from 1983 to end of 603 production. | OM601, 602, 603, 617 Turbo | DIESEL  |
| 917-0053 | GLOW PLUG REAMER - LARGE TYPE - DIESEL Special 18x1.25mm threaded reamer for removing heavy carbon deposit from glow plug hole which is a major cause of glow plug failure. For models from 1967 to 1985. Non Turbo. Universal not included. | OM615, 616, 617.91/93 | DIESEL  |

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| Tool Number | Application | Models | |
|--------------|---|--|---|
| 916-0013 | HEX HEAD SOCKET - 8mm 'C' 1/2" DRIVE Use to access head bolts under rocker shaft for R&R and torquing. (See #ST3054-G8 and #ST3149-8) | M116, 117 |  |
| ST3054/8G | HEX HEAD SOCKET - 8mm DOGLEG 1/2" DRIVE Special bend for access to head bolts next to exhaust manifold on V8. (See #ST3149-8 and #916-0013 below) | M116, 117 |  |
| ST3149-8 | UNIVERSAL HEX HEAD SOCKET - 8mm 3/8" DRIVE. Use to remove cylinder head bolts at rear of case. Use with sockets #ST3054-8G and #916-0013. | M116, 117 |  |
| ST1054TX-T55 | HEADBOLT SOCKET - TORX T55 Special 130mm long T55 TORX headbolt socket for 112 engine. Use with #H992LG-T55 to remove all bolts. Mercedes #000-589-0310 | M112, 113, 155, 275, 612 |  |
| H992LG-T55 | HEADBOLT SOCKET - T55 TORX 90mm 1/2"DR. Special round shaft 96mm long socket for the T55 TORX socket head bolt on cylinder head of late model 6 and 8 cylinder engines. | M112, 113, 155, 275 |  |
| ST3004 | CYLINDER HEAD SOCKET 12mm XZN X 55mm 1/2"DR. XZN Hex Head Socket-12mm x 55mm 1/2" drive with special short format for cylinder head bolts. See #ST3004. | 104, 112, 113, 119, 120 |  |
| ST3054X-M12 | CYLINDER HEADBOLT SOCKET - 12mm Use to remove and install cylinder head bolts. Tri-square socket head screws (XZN). 12mm 12 point 1/2 square socket, 140 mm long for screws on cylinder head. | M102, 103, 104, 110, 116, 117, 119, 120, 615, 616, 617 |  |
| ST3054X-M10 | XZN HEX HEAD SOCKET - 10mm X 140mm 1/2" DRIVE Special round shank for head bolts and driveshaft bolts. | M112, 113, 137, 127, OM602, 603, 604, 605, 606, 612, 613, 628, 629, 647, 648 |  |
| ST3054X-M8 | XZN HEX HEAD SOCKET - 8mm X 140mm 1/2" DRIVE Use to remove and install a variety of head and accessory bolts, particularly on V8 models. | M115, 116, 117 |  |
| ST1054/5 | HEX HEAD SOCKET - 5mm x 180mm 1/2" DRIVE 5mm x 180mm long body for various engine bolts. | All |  |

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