

Introducing . . .
MDI 2 - The Next Generation
Global Diagnostic Interface Tool



BOSCH

Compact Communication Module with
Increased Processing Power & Security!

EL-52100 MDI 2



The GM MDI 2 is the next generation Global Diagnostic Interface tool for both current and future vehicles starting with Global A vehicles, and extending through future vehicle protocols and architectures. It's a compact communication module with increased processing power and security that manages the transfer of data between a vehicle's onboard ECU network with an auxiliary CAN bus.

The GM MDI 2 replaces the MDI introduced in 2007 and offers faster programming speed than the MDI. The MDI 2 can be used to perform Pass-Thru programming on all vehicles built since 1996 and into the future.

Servicing the current generation Global A vehicles will require the diagnostic software, GDS2, Global Diagnostic System 2 running on a local PC device while the MDI or MDI 2 is connected to the vehicle.

The MDI 2 connects to the vehicle via the J1962 connector using a new DLC cable. Connection between the MDI 2 and the PC can be accomplished via standalone (USB) or through a NEW Point-to-Point wireless feature, and the dealership network (CAT5, or Wireless).

To Order, call 1-800-GM-TOOLS or visit GM Global Connect <https://dealer.autopartners.net>

(select 'Service' from the 'Departments' menu then look for the Special Service Tools Website link).

Bosch Automotive
Service Solutions

28635 Mound Road
Warren, MI 48092
Phone 1-800-GM-TOOLS
Fax 586-578-7375



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Features:

Wireless Connection	Point-to-Point — does not require an Access Point, or IT support. Simple plug and play configuration.
	Upgraded wireless protocol support (includes 802.11bgn).
High Speed USB 2.0 Connection	Improved Protection from Ground Offset Failures.
	Improved USB Performance (Faster Firmware downloads).
	Reinforced USB Connector and Connector Housing (More robust design).
	Device Powered Through USB or DLC Connection— No AC Adaptor Required.
Operation During Engine Crank	Super-Caps provide improved stability during engine crank — no batteries to leak or replace.
Extended Temperature Range	Industrial components extend operating temperature range. Automatic power down if over temperature detected.
Enclosure Design	Improved enclosure design to protect from exposure to fluids and drops.
Vehicle Communication Protocol Coverage	Additional Vehicle Communications protocols — includes protocols for upcoming Global B vehicles with faster data busses. SAE J2534 and ISO-22900 compliant.
DLC cable	Longer DLC Cable (2 meters) with twisted pair wire for Global B vehicles.
State-of-the-Art Security	External hacking and device counterfeiting protection through advance security techniques and code.
New Hardware Expansion Capabilities	Two host USB expansion ports for future peripherals.
	SD Memory Card slot for future software applications.
	Programmable function buttons for future software features and applications.

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