



Dealer  
Equipment

An Update on GM Diagnostic Essential Tools

# MDI and Tech 2:

Where they fit in your service toolbox today... and how that's changing for the future



17779 MAIN ST. SUITE C  
IRVINE, CA, 92614

PH 949-333-3800  
FAX 949-333-3804  
[www.m2kinc.com](http://www.m2kinc.com)

## MAXIMIZE SERVICE SPEED AND REVENUES WITH A COMPLEMEN- TARY TOOL STRATEGY

To help you get the best re-  
turn for your tool investment  
and maximize your revenues  
by servicing more vehicles in  
less time, we want to make sure  
you understand how and when  
to use the new GM Multiple  
Diagnostic Interface (MDI) in  
combination with your Tech 2.

First, a brief review on the MDI.



## MDI: Increase reprogramming speed 20–70% and get ready to service new models

The new GM MDI has been approved as an essential dealer tool, as follows:

- For pass-through programming of electronic control units on all vehicles built since 1996 and future model releases. The MDI is between 20% and 70% faster than Tech 2. For example, on a new Tahoe hybrid with 7 ECUs, it would normally take 2 full hours to reprogram. But, with MDI the process is completed in just 45 minutes. That's a 64% difference and means you could service 10 vehicles rather than 4 in an 8-hour day! The potential to increase revenues is dramatic!

Also remember the MDI allows a single technician to wirelessly view multiple MDIs from a single PC. This means a technician is no longer tied to the constraints of cable access points within a service bay—further increasing productivity and profitability.

**KEY POINT: the MDI is a valuable addition to your toolbox that will improve your profitability now!**

- MDI is the only full-spectrum diagnostic and reprogramming tool capable of servicing new Delta and Epsilon vehicles (with auxiliary CAN bus that cannot be serviced by Tech 2). Below is the list of vehicles being delivered this year that will rely exclusively on an MDI for service. Also note that diagnostic software upgrades are planned for release later this year for additional new 2009 and 2010 models.

Model year	Vehicle	Region	SORP	MDI needed
2009	Chevrolet HHR	Europe	Q4–2008	Now
2009	Opel/Vauxhall Insignia	Europe	Q4–2008	Now
2009	Daewoo Lacetti	Korea	Q4–2008	Now
2009	Buick Regal	China	Q4–2008	Now
2009	Chevrolet Cruze	China	Q1–2009	November, 2008
2009	Chevrolet Camaro	NA	Q1–2009	November, 2008
2009	Buick LaCross/Allure	NA	Q1–2009	November, 2008

**KEY POINT: the MDI is the exclusive tool for servicing future vehicles—we encourage you to purchase at least one MDI as soon as possible so you are ready to service new models!**

- Also note that the MDI is priced at half the price of a Tech 2.

**KEY POINT: Not only is MDI a much faster reprogramming tool and the exclusive tool for new models, it is far more economical than earlier technology.**

Now for tips on getting a better return on your investment in the Tech 2.

## Tech 2: Essential for Years to Come

Many have assumed that the MDI will immediately replace the Tech 2, but that is not the case. The Tech 2 remains an essential tool for many vehicles through at least the 2012 model year. It will also continue to be needed to diagnose all vehicles from previous model years. As such, it remains a very valuable diagnostic tool and, with the launch of the MDI as a faster reprogramming tool, the Tech 2 can be dedicated to diagnostic applications.



**KEY POINT: Free up your Tech 2 by dedicating one or more MDIs to reprogramming tasks. You'll get a bigger return on that tool investment and increase service throughput yet another way.**



## More About the MDI



### The GM MDI is a kit of components:

- GM MDI
- Diagnostic connector
- USB cable
- Ethernet cable
- AC adapter/global power supply, wireless interface, AAA batteries
- Owner's manual



- Operating software for the MDI can be downloaded from the TiS 2WEB website. You can perform pass-through programming procedures using software running on a laptop or desktop PC (any PC meeting Hardware Specification located at [www.gmde.net/standards.cfm](http://www.gmde.net/standards.cfm) can be used).
- The MDI uses all existing GM protocols as the Tech 2, including UART, Class 2, KWP2000, and GMLAN (CAN)



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