

TECH 2 FLASH



The pinnacle of scan tool technology

GM SPS
Reprogramming

GM Expertec Pro

GM Expertec TIS

2003 Authentic
GM Software

Aftermarket
GM/Ford/Chrysler
Software



SPX OTC

Authentic GM software puts you in the driver's seat to fix GM vehicles right the 1st time.

As you would expect from a top-end scan tool, the Tech 2 Flash is loaded with features:

Tools

- Removable hardware modules provide insurance against scan tool obsolescence.
- The large, easy-to-read back-lit screen is the first feature you'll notice.

Graphic screen displays both test and graphics, and is capable of showing nine sensors at once.

Snapshot graphing shows you any failures or glitches at a glance.



- The Tech 2 Flash scanner is reprogrammable to keep pace with vehicle and tool evolution.
- The removable vehicle hardware module included with the Tech 2 Flash is your Vehicle Communications Interface and supports all current GM vehicles.
- RS232 communications port provides the avenue to connect future devices to your Tech 2 Flash, such as SPS reprogramming.
- Ergonomic design makes the Tech 2 Flash easy and comfortable to use. Adjustable straps on both sides permit single-handed operation.
- Raised tactile keys, clearly labeled mean no mistaken key punches.

NEW 2003 Updated Software Kits Now Available.

GM Software

- Authentic GM software in OTC's Tech 2 Flash means you have the same information as GM dealers.
- Supports on-board diagnostics for all GM systems 1991 thru 2003.
- The authentic GM software will provide full bi-directional control when performing powertrain, chassis and body diagnostics.
- Store DTC, freeze frame and failure record for later review.
- Watch the status of vehicle diagnostic tests as they run.

PC Solenoid Data		
Snapshot Replay	1:23.006	Frame: -12
PC Sol. Actual Current	4.68 amps	
PC Sol. Ref. Current	0.39 amps	
PC Pressure	.70 kPa	
PC Solenoid	Enabled	
Trans. Fluid Temp.	.4 °C	
ECT	71 °C	
PC Solenoid Duty Cycle	38 %	
Throttle Angle	5 %	
PC Sol. Actual Current		
Select Items	Plot	More

Large back-lit graphics display

See back page for application details.

GM Service Programming Systems

Powerful TECH 2 Flash Options Purchased Separately

Now! Different service programming system products are available so you can choose the solution that makes the most sense for your business.

Option 1

GM Expertec SPS Reprogramming Starter Kit – This option provides you with the ability to reprogram 1993 and newer GM powertrain controllers. Kit includes a 12-month subscription to the authentic GM aftermarket Expertec SPS software on CD-ROM disks which will keep you updated.*



No. 3625-02 – GM Expertec SPS Reprogramming Starter Kit.

Option 2

GM Expertec Pro Reprogramming Starter Kit – This software provides you with the ability to reprogram 1993 and newer GM powertrain, body and chassis controllers. Kit includes a 12-month subscription to the authentic GM aftermarket Expertec Pro software on CD-ROM disks which will keep you updated.*



No. 3625-16 – GM Expertec Pro Reprogramming Starter Kit.

Option 3

GM Expertec TIS Starter Kit – This kit provides you with the ability to reprogram 1993 and newer GM powertrain, body and chassis controllers. In addition, this option contains software that will allow you to use your PC to update the software on your Tech 2 Flash's PCMCIA card as the updates become available. The PC-based software also gives you the ability to playback and analyze snapshots taken with your Tech 2 Flash. Kit includes a 12-month subscription to the authentic GM aftermarket Expertec TIS software on CD-ROM disks which will keep you updated.*



No. 3625-17 – GM Expertec TIS Starter Kit.

* SPX registration is required to become part of the SPS program.

Kit Comparisons 1993 and newer GM control module	GM Expertec SPS Reprogramming Starter Kit	GM Expertec Pro Reprogramming Starter Kit	GM Expertec TIS Software and Reprogramming Kit
Part Number	3625-02	3625-16	3625-17
Reprogramming GM Powertrain control Module	X	X	X
Reprograms all GM control modules: Powertrain, body and chassis		X	X
Software to update Tech 2 Flash PCMCIA card			X
Contains Tech 2 Flash snapshot playback software			X

Your shop computer... must fulfill these minimum PC requirements for the GM SPS program.*

Desktop PC with a Pentium® Processor (laptops and other processors are not supported at this time).

CPU: Pentium II, 400 MHz **RAM:** 128 MB SDRAM
Pentium 4 2.0 GHZ *256 MB RAM*
Hard Drive: 20 GB ATA **Video RAM:** 16 MB DRAM
40 GB ULTRA ATA/66

Floppy Drive: 3.5", 1.4 MB **LS Cache:** 256 KB **CD-Rom Drive, 48x Max. Speed**

Operating System: Windows 98 (second edition) or later, including Windows 2000, Millennium, XP, and NT 4.0.

Microsoft® Windows® XP Professional® or Windows® 2000 Professional SP3®

To maximize performance of the SPS Reprogramming Software, GM recommends you install and use it on a PC dedicated to SPS Reprogramming.

Anti-Virus Protection: Norton, McAfee, IBM, F-Prot, etc. is recommended; must be purchased by end user.

* See your local PC dealer for required hardware and software.

Copy in red type is Recommended PC Specification for someone who plans on heavily using the GM Expertec TIS software.

TECH 2 FLASH SPECIFICATIONS:

Dimensions: 12" x 6" x 2"

Microprocessor: 32 bit, 16 MHz

Memory: 32 MB flash type II PCMCIA.

Type III slot available for future expansion.

Communications: Integral RS232 communications port.

Screen: 3.8" x 2.8" back-lit monochrome with full graphics capability; 320 x 240 pixels. Displays up to nine vehicle parameters at once.

Ordering Information

No. 3628 – Tech 2 Flash Basic Kit. Includes the OTC Tech 2 Flash, vehicle power cables, necessary vehicle adapters, and 32 MB '91-'01 GM PC diagnostic card. Packed in a heavy-duty storage case. Wt., 17 lbs., 4 oz.

No. 3628 – Tech 2 Flash Basic Kit.



No. 3625-02 – GM Expertec SPS Reprogramming Starter Kit.* This kit provides you with the ability to reprogram 1993 and newer GM powertrain controllers. Kit includes a 12-month subscription to the authentic GM aftermarket Expertec SPS software on CD-ROM disks, a hardware lock, RS232 cable, and users manual. Wt., 2 lbs., 13 oz.

No. 3625-02 – GM Expertec SPS Reprogramming Starter Kit.



No. 3625-14 – Authentic GM Software Update Kit. This kit includes a 32 MB PCMCIA memory card loaded with authentic GM software covering '91-'03. This will bring your Tech 2 Flash up to the dealer level. Wt., 1 lb., 12 oz.



No. 3625-14 – GM Software Update Kit.

No. 3629 – Tech 2 Flash Deluxe Kit. This is exactly the same as the No. 3628, except you also get the aftermarket 3-in-1 PC card with data stream diagnostics for older '81-'91 GM, '83-'97 Ford, and '84-'97 Chrysler vehicles; as well as one Ford, and three Chrysler adapter cables. Set also includes a special adapter from the Tech 2 Flash to OTC adapter cables. Wt., 19 lbs., 10 oz.



No. 3629 – Tech 2 Flash Deluxe Kit.

No. 3625-16 – GM Expertec Pro Reprogramming Starter Kit.* This software provides you with the ability to reprogram 1993 and newer GM powertrain, body and chassis controllers. Kit includes a 12-month subscription to the authentic GM aftermarket Expertec Pro software on CD-ROM disks, a hardware lock, RS232 cable, and user's manual. Wt., 2 lbs., 13 oz.



No. 3625-16 – GM Expertec Pro Reprogramming Starter Kit.

No. 3625-17 – GM Expertec TIS Starter Kit.* This kit provides you with the ability to reprogram 1993 and newer GM powertrain, body and chassis controllers. Kit includes a 12-month subscription to the authentic GM aftermarket Expertec TIS software on CD-ROM disks, software that will allow you to update the software on your Tech 2 Flash's PCMCIA card, a hardware lock, RS232 cable, and user's manual. Wt., 2 lbs., 13 oz.



No. 3625-17 – GM Expertec TIS Starter Kit.

*You must provide the minimum PC described on page 3 of this literature.

- 3-in-1 Software covers '81-'91 GM, '83-'95 Ford, and '84-'95 Chrysler, plus OBD II systems for '96-'97 vehicles. This new software includes older GM vehicles not covered by your current authentic GM Tech 2 software.

Broad System Coverage:

GM Coverage: 1981-1991

Read Codes	Yes
Clear Codes	Yes
View and Record Data	Yes
Field Service Mode	Yes
Live and Stored Graphing Mode	Yes

Ford EEC-IV Coverage 1983-1995

Read KOEO/KOER	Yes
Continuous Monitor Mode	Yes
Cylinder Balance Test	Yes
ABS Brakes	Yes

Ford MCU Coverage: 1981-1991

Read KOEO/KOER	Yes
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Ford MECS Coverage: 1984-1995

Read KOEO/KOER	Yes
Switch Monitor Test	Yes

Chrysler Coverage: 1984-1995

Read Code	Yes
Clear Codes	Yes
View and Record Data	Yes
Feedback Carburetor	Yes
Actuator Tests	Yes

Sensor Input Test	Yes
Switch State	Yes
AIS Actuator Test	Yes
Live and Stored Graphing Mode	Yes

OBD II: 1996-1997

Read Codes	Yes
Clear Codes	Yes
View and Record Data	Yes
Live/Stored Graphing Mode	Yes

Ordering Information

No. 3625-01 – Tech 2 Flash Aftermarket 3-in-1 Starter Kit. If you already own a GM Tech 2 or the new Tech 2 Flash, this kit will provide access to '81-'91 GM, '83-'97 Ford, and '84-'97 Chrysler vehicles. Includes one Ford and three Chrysler vehicle cables and the OTC PC card with data stream diagnostic software. Also included is a user's manual and special adapter from Tech 2 Flash to OTC adapter cables. Wt., 3 lbs., 5 oz.



No. 3625-01 – Tech 2 Flash Aftermarket 3-in-1 Starter Kit.

Distributed by:



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