

System Requirements

- Windows 98 or newer
- Serial Port
- CD-ROM Drive
- 166 MHz minimum Processor Speed
- 20 MB free space on hard drive
- Source of 12 VDC to power Performance Computer

(If downloading in your vehicle, power the Performance Computer as you always do. If downloading indoors to a desktop computer, we offer an optional power supply with an integral lighter socket for easy connection.)

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Software Installation

Insert the CD in your CD-ROM drive on your computer, then double-click on the installer icon to install the Vehicle Performance Tools (VP Tools) Program on your computer.

(When the CD is inserted into the computer, it should automatically open the installer. If the computer fails to start the CD, double click the CD file "setup.exe.")

Connection

Use the Download Cable and your Performance Computer's Power Cord as shown below to prepare for downloading data from your Performance Computer to your PC. Plug the Download Cable's phone □ plug into the Performance Computer. Download Cable Plug Download Cable's serial connector into your computer's serial port. Plug your Performance Computer's \Box power cord into the connector in the Download Cable. Plug your Performance Computer's ь power cord into your car's lighter socket or another 12 VDC source. 3

Downloading Data

- Connect the Performance Computer to your PC as shown on the previous pages.
- Make sure the Performance Computer is on.
- Start the VP Tools program

 Under the program's "File" Menu, choose "Download Data To Computer"

💦 Main Page								
File	Select Graphic Data	Additiona	al Views	Serial (
D	ownload Data To Com	outer						
0	pen							
S	ave As							
P	rint							
E	xit Program							

- A dialog box will open, asking you to name the data file, and allowing you to choose the folder to store the file in.
- Name the file, then press "Save"
- A screen will appear that shows the progress of the data being downloaded
- The main data screen will then appear (see next page of manual).

Save File					
Save in:	C Performance	Data	•	+ 🗈 💣 🎫	
My Recent Documents Desktop My Documents	Paul's Audi				
My Network Places	File name: Save as type:	Text File (*.TXT)		•	Save Cancel
		5			

Main Screen

- The main screen shows the runs in memory (up to 10 runs) in overview graph form, plus run data for each. The Scroll Bar allows you to scroll through the data for all of the runs at one time.
- The default data graphed is Speed and Distance versus time. Using the "Select Graphic Data" menu, you can turn these on and off, and you can also choose to display horsepower.

(Note: For your Performance Computer to correctly calculate horsepower, several items in the setup menu of the Performance Computer must be set to match the characteristics of your car. See the Performance Computer manual for more information.)

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Comparing 2 Runs

- To compare two runs, choose that option under the "Additional Views" Menu
- A new window will open, asking you to select the runs to compare. Choose 2 runs, then click the "Show Selected Runs" button.



 A new window will open, showing the two runs compared in a graph. Under the "Display Type" menu you can choose to graph Distance, Velocity, or Horsepower. You can print this screen from the "File" menu.



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Time-to-Speed Table

• To open a new window with a table of all the runs, under the "Additional Views" menu, choose "Show Time-To-Speed Table"

🔀 C:\PerformanceData\Paul's Audi.Txt								
File	Selec	t Graphic Data	Addit	ional Views	Serial Connection			
			Compare Two Runs					
I I				 Show Time-To-Speed Table 				
	-	Timed Run #5	SH	now Quarter	Mile Table			
		1/4 15.38 Sec						

• A new window with the table will open. You can print this table from the "File" menu.

		0 - 10 MPH	0 - 20 MPH	0 - 30 MPH	0 - 40 MPH	0 - 50 MPH	0 - 60 MPH	0 - 70 MPH	0 - 80 MPH	0 - 90 MPH	0 - 100 MF
	Run #5	0.60 Sec	1.48 Sec	2.35 Sec	3.88 Sec	5.23 Sec	6.78 Sec	9.25 Sec	11.68 Sec	14.50 Sec	
	Run #4	0.58 Sec	1.43 Sec	2.33 Sec	3.73 Sec	5.05 Sec	6.98 Sec	9.18 Sec	11.60 Sec	14.95 Sec	
le to Ihlight	Run #3	0.58 Sec	1.35 Sec	2.70 Sec	3.98 Sec	5.38 Sec	7.60 Sec	9.85 Sec	12.83 Sec		
י -	Run #2	0.83 Sec	1.83 Sec	3.68 Sec	5.10 Sec	6.58 Sec	9.48 Sec	11.85 Sec	16.20 Sec		
	Run #1	0.83 Sec	1.83 Sec	3.55 Sec	4.98 Sec	6.40 Sec	8.83 Sec	11.03 Sec	13.38 Sec		
				Ī			Slide to u	iau hinhar enaa	dune		
							- Sinde to V	iow nighter spec	d follo		

Time-to-Distance Table

• To open a new window with a table of all the runs, under the "Additional Views" menu, choose "Show Quarter Mile Table"

• A new window with the table will open. You can print this table from the "File" menu.

S (:\Pe	rformanceDa	ta∖Pa	ul's Audi.	Txt
File	Selec	t Graphic Data	Addit	ional Views	Serial Connnection
1			⊂a Sh	ompare Two 10w Time-To	Runs -Speed Table
▲ Timed Run #5 0.60.6 78 Sec		Sh	iow Quarter	Mile Table	
		1/4 15.38 Sec			

🖨 Distan	ce Time Resu	lts						
File								
Distan	ce Time Re	sults						
		60 feet:	330 feet:	1/8 mile:	1000 feet:	1/4 mile:	0 - 60 mph:	0 - 100 mph:
	Run #5	2.43 Sec 30.79 MPH	6.55 Sec 58.76 MPH	10.00 Sec 71.88 MPH	12.93 Sec 84.65 MPH	15.38 Sec 91.41 MPH	6.78 Sec	
Slide to Highlight Bun	Run #4	2.43 Sec 31.04 MPH	6.50 Sec 57.72 MPH	9.93 Sec 71.94 MPH	12.85 Sec 84.55 MPH	15.35 Sec 90.13 MPH	6.98 Sec	
-	Run #3	2.38 Sec 29.42 MPH	6.63 Sec 55.66 MPH	10.15 Sec 70.02 MPH	13.18 Sec 80.87 MPH	15.75 Sec 87.47 MPH	7.60 Sec	
	Run #2	2.70 Sec 27.30 MPH	7.38 Sec 52.89 MPH	11.18 Sec 65.81 MPH	14.43 Sec 74.95 MPH	17.23 Sec 79.85 MPH	9.48 Sec	
	Run #1	2.70 Sec 27.58 MPH	7.28 Sec 55.60 MPH	10.93 Sec 68.13 MPH	13.98 Sec 82.37 MPH	16.50 Sec 89.37 MPH	8.83 Sec	
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 Serial Connection Use the "Serial Connection" menu if needed to choose a different serial port, or to confirm proper connections. 	• This is the screen as it is initially displayed.	• This is the screen after you press the "Test for Attached GTimer" button.
Main Page File Select Graphic Data Additional Views Serial Communications Activity Select Com Port Select Com Port Select Com Port Select Com Port	 Serial Connection to GMeter Hide Hide Serial Com Port Selection Com 1 Com 2 Com 3 Com 4 Com 5 Com 6 Errors Framing Errors: 0 Overun Errors: 0 No Response: 0 	 Serial Connection to GMeter Com Pot I open Hide Serial Com Pot Selection Com 1 Com 2 Com 3 Com 4 Com 5 Com 6 From Errors Framing Errors: 0 Overum Errors: 0 No Response: 0
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The Fine Print

Software License Agreement and Disclaimer

This is a legal agreement between you and Escort Inc. covering your use of Vehicle Performance Tools (the "Software"). Be sure to read the following agreement before using the Software.

BY USING THE SOFTWARE YOU ARE AGREEING TO BE BOUND BY THE TERMS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, DO NOT USE THE SOFTWARE AND DESTROY ALL COPIES IN YOUR POSSESSION.

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This Agreement shall be governed by the laws of the State of Ohio. If for any reason a court of competent jurisdiction finds any provision of the Agreement, or portion thereof, to be unenforceable, that provision of the Agreement shall be enforced to the maximum extent permissible so as to effect the intent of the parties, and the remainder of this Agreement shall continue in full force and effect.

The Software and documentation is provided with RE-STRICTED RIGHTS. Manufacturer is Escort Inc., 5440 West Chester Road, West Chester, Ohio, 45069. Tollfree 1-800-543-1608. <u>www.escortinc.com</u>

Service

Service Procedure

If your Performance Computer ever needs service, please follow these simple steps:

- 1 Review the appropriate section of this manual. It may have a solution to your problem.
- 2 If possible, check out our website for answers to common questions, or email us at:

support@escortinc.com

3 To arrange service, call us toll-free at: 1-800-543-1608

We may be able to solve your problem over the phone. If the problem requires that you send your Performance Computer to the factory for repair, we will provide you with a Service Order Number, which must be included on the outside of your shipping box.

Enclose the following information with your unit:

- Your Service Order Number
- Your name and return address
- Your daytime telephone number
- A description of the problem.

Out Of Warranty Repairs

For out of warranty repairs, include prepayment in the amount you were quoted by the Customer Service Representative. If the unit has been damaged, abused or modified, the repair cost will be calculated on a parts and labor basis. If it exceeds the basic repair charge, you will be contacted with a quotation. If the additional payment is not received within 30 days (or if you notify us that you choose not to have your unit repaired at the price quoted), your unit will be returned, without repair. Payment can be made by check, money order, or credit card. Mail the unit and Power Cord To:

ESCORT

Customer Service Department Service Order Number ______ 5440 West Chester Road West Chester, Ohio 45069

For your own protection, we recommend that you ship your Performance Timer postpaid and insured. Insist on a proof of delivery, and keep the receipt until the return of your unit.

www.gtimer.com

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