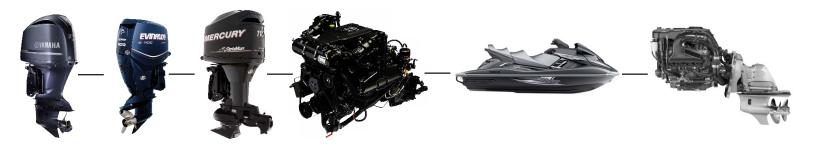




MARINE ENGINE DIAGNOSTIC SYSTEM





M.E.D.S. is an easy-to-use advanced software package specifically developed for troubleshooting marine engines. Compatible to test on Mercury, Mercruiser, Yamaha, Johnson Evinrude, Suzuki, and select Sterndrive engines, users now only need to buy and learn one system to test all the engines that come into their shop.

With M.E.D.S., you can understand engine faults and diagnose problems more efficiently and cost effectively. Benefit from M.E.D.S. in various ways, but most importantly:

- Reduce Debug Time
- Improve Accuracy
- Run & Print M.E.D.S. Check Report for your customers
- Faster Turnaround = Happier Customers
- More Boats in Less Time = Extra Time, Extra Work, & Extra Profits

Software Capabilites:

- Multi-Engine Platform
- Live 3D Digital Dashboard
- Live Digital Charts
- Engine System Data
- Auto Self Test
- Engine History Data
- Freeze Frames Engine Faults in Operation
- Special Function, Tachometer, and Output Load Tests
- M.E.D.S. Check Report Customized for Each Customer
- French & Spanish Versions Available
- And Many More...

Features:

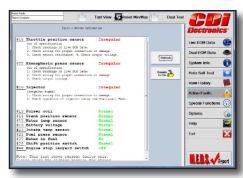
- Hands Free Information
- Engine Configuration Data
- Displays Active & Inactive Faults
- Clear Faults with a Single Click
- Displays Run History by RPM Range and # of Hours
- Can Set/Monitor Break In Period
- Display Engine Functions during a Fault (I.E. An Engine Stall)
- Drill Down to the Engine Failure (I.E. Injector)
- Individually Test Components (I.E. One Injector at a Time)
- And Many More...

*Please Note, Available Tests & Capabilities Depend Upon the Engine Type.

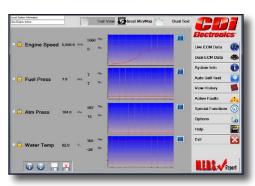
For A Demo, visit www.cdielectronics.com/MEDS



New interactive gauges and easy-tounderstand buttons help you navigate through the software in just minutes.



Complete engine tests to review data such as Active Faults, Run Time, and Freeze Frames on the History Tab.



Text View allows users to view parameters in numerical form and shows real-time graphs.

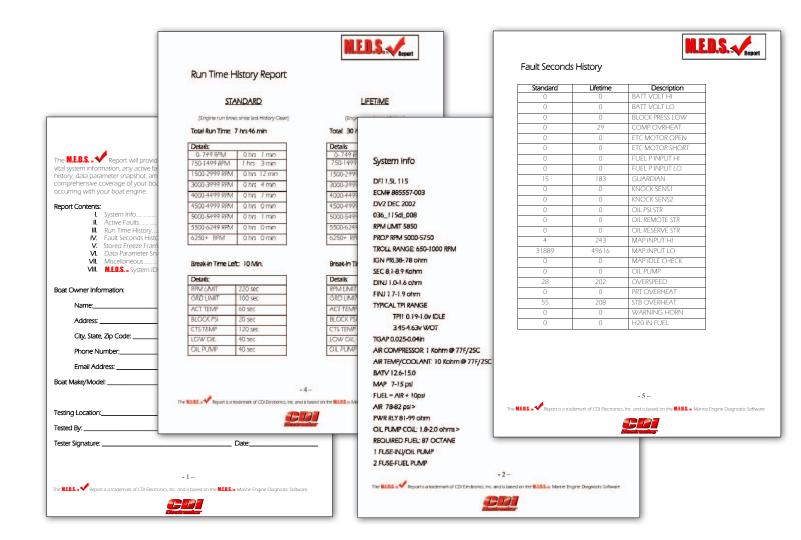


The M.E.D.S. Check Report is a customizable and comprehensive engine history report. In just seconds, run a M.E.D.S. Check Report for each engine that enters your shop.

- Charge a "Diagnostic Fee" to Run the Test
- Keep for Your Files
- Share with the Boat Owner
- Check Before/After Status on Rentals, Trade-Ins, New Boats

M.E.D.S. Check Report includes the **engine serial data**, configuration data, current **fault readings**, and **run time history** which features the RPM levels the boat has run down to the second, and much more. See pages from a sample report below.

A helpful and thorough report, mechanics everywhere are taking advantage of the M.E.D.S. Check Report to help service their customers better.



M.E.D.S. Buying Options

First Time M.E.D.S. Buyers - Here are Your Options:

1. Purchase a **Total Bundle Platform** & Save up to 5%

Total Bundle Packages offer pre-packaged engine combinations, include a protective toolbox for storage and provide up to 5% savings by purchasing at once. *Savings Included in List Price

2. Purchase any M.E.D.S. Individual Platform

3. Create a **Custom Package**

Purchase a M.E.D.S. Individual Platform & a Single Engine Add-On to Test Engines You Need

EXTIRA SAVINGS! When You Buy a Total Bundle (Savings Included in List Price)

M.E.D.S. TOTAL BUNDLE PACKAGES

531-0118T 531-0118T 1 531-0118T 2 531-0118T 3

Includes:





See T1 Column on next page for a list of Compatible Engines for Testing.

Includes:



See T2 Column on next page for a list of Compatible Engines for Testing.



See T3 Column on next page for a list of Compatible Engines for Testing.

See T Column on next page for a list of Compatible Engines for Testing.



next page for a list of Compatible Engines for Testing. next page for a list of Compatible Engines for Testing. page for a list of Compatible Engines for Testing.

page for a list of Compatible Engines for Testing.

page for a list of Compatible Engines for Testing.

M.E.D.S. Buying Options

Current M.E.D.S. Owners - Here are Your Options:

1. Purchase a Single Engine Add-On to test additional engine types.

AND/OR

2. Purchase a Software Only Upgrade

This upgrade provides current owners with the latest version of software. Intended for customers who already test the engines needed, but would like to have the latest software for reasons such as the M.E.D.S. Check Report or 3D Live Gauges.

AND/OR

3. Purchase an Additional Language

M.E.D.S. is now available in French & Spanish Languages. See below to order an additional language.

SINGLE-ENGINE ADD-ON										
531-0119M	531-0119Y	531-0119B	531-0119S	531-01191 4						
MERCURY	YAMAHA	BRP	SUZUKI	STERNDRIVE						
Includes : Software Disc & Activation Code to Access Mercury Cable (already included)	Includes :	Includes :	Includes :	Includes :						
See Mercury Column for a list of Compatible Engines for Testing.	See Yamaha Column for a list of Compatible Engines for Testing.	See BRP Column for a list of Compatible Engines for Testing.	See Suzuki Column for a list of Compatible Engines for Testing.	See I4 Column for a list of Compatible Engines for Testing.						

^{**}Please note, a customer cannot purchase any version in this table unless they already own a Individual Platform or Total Bundle Package.

This is an "add-on" option only, not a stand-alone product. See previous page for first time buyers.

FRENCH & SPANISH VERSIONS NOW AVAILABLE

*All M.E.D.S. system's primary language is English. To access an additional language, you will need to order one of the above packages, plus one language part number below.

531-0119L 1 FRENCH LANGUAGE ADD-ON

This version of MEDS includes the Software Disc & Activation Code to allow users access to the French Language.

531-0119L 2 SPANISH LANGUAGE ADD-ON

This version of MEDS includes the Software Disc & Activation Code to allow users access to the Spanish Language.

531-0119L 3 FRENCH & SPANISH ADD-ON

This version of MEDS includes the Software Disc & Activation Code to allow users access to the French & Spanish Language.

531-0118U

SOFTWARE ONLY UPGRADE

Upgrade to MEDS 6.0 to start experiencing the New 3D Gauges, In-Screen Graphing on Text View, Dual Engine Testing MEDS Check Report, and more.

531-0119MP

MERC-PLUS ADD-ON

This version of MEDS includes the Software Disc & Activation Code to allow users to test a small selection of older Mercury DFI Engines (included in all new purchases).

M.E.D.S. Engine Capabilities

Manufacturer & Engine Type	Years	Mercury	Yamaha	BRP	Suzuki	I4	I5	Т	T1	T2	Т3	T4
MERCURY												
OptiMax V6 135, 150, 175, 200, 225, 250 HP, 2.5 L, 3.0 L		/								/	/	
OptiMax I3 1.5L, 75, 90, 115 HP	02 - 10	~						./	. /		/	
V6 EFI and Sport Jet	02 - 10	./						./	./			
OptiMax - DFI		/						/			/	/
2.5L EFI, 150, 175, 200, 225 HP								/	<u> </u>	<u>/</u>	/	/
MERCURY MERCRUISER										•	•	Ť
4.3 L MPI, 5.0 MPI, 350 MAG MPI, MX 6.2MPI, Black Scorpion	03 - 10	/							/		/	/
496 MAG, 496 HO MAG, 8.1 L, 8.1 L HO	01 - 10	/							/	/	/	_/
MERCURY MERCRUISER RACING										•	_	_
1075 SCi, 414 EFI, 600 SCi, 8.1 SHO	01 - 10	/						/	/	/	/	/
MERCURY RACING		•									•	·
225X, 250XS, 300X, 300XS	01 - 10	/						/	/	/	/	/
2.5L (280) EFI	98 - 05	/						/	/	/	/	/
MERCURY VERADO								<u> </u>	•	•	•	•
I-4 135, 150, 175, 200 HP	01 - 10	/						/	/	/	/	/
I-6 200, 225, 250, 275, 300, 350 HP	01 - 10	/						/	/	/	/	/
MERCURY 4 STROKE EFI		•						_	•		•	Ť
40, 50, 60, 75, 90, 115 HP	02 - 10							/	/	/	/	/
MERCURY MFG BY YAMAHA		•						<u> </u>		•	•	
30, 40, 50, 60, 75 HP, 90 HP EFI, 115 HP EFI	01 - 06							/	/	/	/	/
YAMAHA				l .							•	
4 Stroke EFI: F115, F150, F200, F225 HP	00 - Up		/					/	/	/	/	/
4 Stroke EFI: F50, F60, F40, F90, F250, F275, F300 HP	08 - Up		/					/	/	/	/	/
HPDI: 150, 175, 200, 225, 250, 300 HP	98 - Up		/					/	/	/	/	/
YAMAHA SNOWMOBILES		<u>I</u>										
Apex GT, Mountain, ER, RTX, GTX, MTX, LTX	06 - 09							/	/	/	/	_/
Attak GT, Base	06 - 07							/	/	_/	/	
Nytro Base, MTX, RTX, RTX SE, FX Series	08 - 09							/	/	/	/	/
Phazer Base, GT, Mountain Lite, FX, RTX, MTX	07 - 09		/					/	/	/	/	/
Venture Lite, RS Venture GT	07 - 09							/	/	/	/	
YAMAHA PERSONAL WATERCRAFT	1	l .		1				1				
FX All Models	02 - 09							/	/	/	/	/
GP 1300	04 - 08		/					/	/	/	/	/
VX All Models	05 - 07							/	/	/	/	/
VX Deluxe	04 - 09							/	/	/	/	/
VZR, GS1800, XLT1200, XA1200AC-C								/			<u>/</u>	
JOHNSON/EVINRUDE FICHT & E-TEC		l.										
Ficht Air Cooled ECU	97 - 98								./	./	. /	. /
Ficht Water Cooled EMM	99 - 07			_/					\/ \/	_/	./	
E-TEC Water Cooled EMM	04 - Up								/	_/	<u>/</u>	

M.E.D.S. Engine Capabilities

Manufacturer & Engine Type	Years	Mercury	Yamaha	BRP	Suzuki	I4	I5	Т	Т1	T2	ТЗ	T4
JOHNSON/EVINRUDE, SUZUKI BUILT 4	-STROKE											
40, 50, 60, 70, 90, 115, 140, 200, 225 HP	99 - 06				/					/	/	/
SUZUKI 4-STROKE		l		l	•							
DF40, DF50	97 - Up									/	_/	/
DF60, DF70	98 - Up				/					/	/	/
DF70A, 80A, 90A, 100	09 - Up				/					/	/	/
DF90	01 - Up				/					/	/	/
DF140	02 - Up				/					/	/	/
DF150, DF175	06 - Up				/					/	/	/
DF200, DF225, DF250	04 - Up				/					/	/	/
DF300	07 - Up				/					/	/	/
CRUSADER		<u>I</u>										
EFI Engines, GM MEFI Equipped	92 - 06					/					_/	/
FLAGSHIP MARINE			l	l			l	ļ.			•	
GM EFI Engines, GM MEFI-1 thru MEFI-4 Equipped	92 - Up					/					_/	/
GM EFI Engines, GM MEFI-4B, 5, 6 Equipped	92 - Up						/				•	/
GM RAMJET CRATE ENGINES		I.		I								
RamJet 350, GM MEFI Equipped	00 - Up					/					/	/
INDMAR	l l	l										
GM MEFI-1 thru MEFI-4 Equipped	92 - 07					/					/	/
GM MEFI 5 Equipped	07 - 08						/					/
KODIAK MARINE		L	1		I							
GM MEFI-1 thru MEFI-4 Equipped	92 - 08					/					/	/
GM MEFI -5 Equipped	08 - Up						/					/
MARINE POWER	 	L										
GM MEFI-1 thru MEFI-4	92-08					/					/	/
GM MEFI-5, 6 Equipped	08 - Up						/					/
MERCURY MERCRUISER			ı	ı								
GM MEFI-1 thru MEFI-4	92 - 00					/					/	/
MERCURY MERCRUISER RACING		I.		I			1		1			
HP500 GM MEFI Equipped	98 - 10					/					/	/
PANTHER AIR BOATS		l .	1	1	ı							
GM MEFI-1 thru MEFI-4	00 - Up					/					/	/
GM MEFI-5	00 - Up						/				•	/
PLEASURECRAFT MARINE												
Gasoline EFI Engine, GM MEFI Equipped	92 - 06					/					/	/
VOLVO PENTA												
Gasoline EFI Engine, GM MEFI-1 thru MEFI-4	92 - 05					/					/	/

CDI Electronics^a

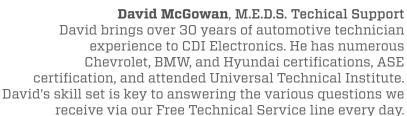
Meet the Design & Tech Team - Here to Help You Out

We're Proud to Design, Create & Support the Marine Engine Diagnostic System from our facilities in Madison, Alabama.



Joe Dennis, Lead Developer for M.E.D.S.

Joe comes to CDI with 15 years of programming experience, ranging from object oriented C# to embedded and windows programming. Joe has his Bachelor of Science Degree in Electrical Engineering from Florida State University and has worked for companies ranging from General Motors to Raytheon.







Clark Beard, CDI Technical Support

Clark is a 20+ year veteran of the marine industry, serving as a part of the technical team at CDI Electronics for over twenty years, and also as a marine mechanic for numerous years. Clark is a certified BRP, Tohatsu and Yamaha technician and provides his skillset to mechanics in need every day.



Dale has 20+ years in the aviation industry, with a high concentration on inspection and identification of defects and root cause of mechanical, electrical, pneudraulic systems and the repairs necessary to return the systems to operational status. Dale's defect testing experience assists the team in review and research of any warranty returned products.



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