

STATS

SIERRA TOUCH AND TEST SYSTEM



Why the Need for Diagnostic Tools?

- Computer controlled engines started in early 90's and have become mainstream since the early 2000's.
- All engine manufacturers now employ computer controlled engines.
- Every dealer needs a diagnostic tool to move forward in today's marine engine service business. Franchised, Non-franchised and Mobile Mechanics.



Why STATS?

- Portability
- Coverage
- Support



Why STATS?

- Now a technician can plug into an engine's ECM and diagnose problems without the need of a laptop or PC
- Perform diagnostics while boat is still in the water
- Any dealer can now work on any number of engines increasing the opportunity for additional work
- Has USB for PC Interface
- Diagnoses Ignition, Electronics, and Fuel Systems
- Plug & Play



What can it do?

- System/ECU Identification & History (e.g. #of Hrs. Engine has run by RPM)
- Uniform Navigation on all Engine Brands
- Save/Read/Clear fault codes, plus possible causes of faults
- Displays/Records Live Data; Freeze Frame Data
- Performs Engine Systems and Static/Dynamic Tests
- Functional Tests such as Coil and Injector testing
- Special Functions such as resetting oil break-in cycles
- Displays Service Info and Resets
- Component Actuation
- Print and Save Service data, and use dealer logo
- Programs Keys and Remotes on Systems that have this capability




STATS – screen shots



STATS – Features

- Customizable Printouts to attach to repair orders or provide to customers.
- Printouts serve as excellent sales tool when selling the boat.
- Printouts can also help recoup costs of STATS by selling the customer a diagnostic report of their engine.



Sierra International Inc.
1 Sierra Place
Litchfield, IL 62056
Email: sierra.international@seastarsolutions.com
Tel: 217-324-9400

Repair Order No: 411852
Bill Johnson
1234 A Street
B Town, NY 08156
Email: BillJohnson@BovvSierra.com
Tel: 555-555-5555

Friday, February 07, 2014

Boat Engine: 2007 40HP Suzuki 4-Stroke
Boat Description: 21' Catalina Blue/White

SUZUKI 40PS 0815cc

ECU IDENTIFICATION

MANUFACTURER	SUZUKI
MODEL	40PS 0815cc
VIN	N/A
ENGINE TYPE	FF39-0001
ECU NUMBER	87191

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LIVE DATA

ENGINE SPEED	0.0	RPM
IGNITION TIMING	8TDC D007	
AIR INLET PRESSURE	749.42	mmHg
AIR INLET PRESSURE	101.0	kPa
AIR INLET PRESSURE	29.49	inHgS
ATMOSPHERE PRESSURE	749.42	mmHgS
ATMOSPHERE PRESSURE	101.0	kPa S
ATMOSPHERE PRESSURE	29.49	inHgS
ENGINE TEMP	22	°C S
ENGINE TEMP	71.6	°F S
INTAKE TEMP	22	°C S
INTAKE TEMP	71.6	°F S
BATTERY VOLTAGE	12.55	V S
INJECTOR DURATION	0	uS S
FUEL RATE INSTANTANEOUS	0.00	mmC S
EMERGENCY STOP SW	OFF	S
CTP SW	ON	S
NEUTRAL	ON	S
MANIFOLD PRESS SENS.	198	FAILS
CKP SENSOR	198	FAILS
ISC VALVE	198	FAILS
CMP SENSOR	198	FAILS

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Page 1

Powered by **STATS**
SEASTAR SOLUTIONS



Products – Software

Upgrades vs. **Updates** What's the Difference?

- Software Updates are free
- Available via the internet from PC
- Allows for most up to date software to be accessible more frequently
- Updates all existing software on the dealer's tester



Products – Software

Upgrades vs. Updates What's the Difference?

- Software Upgrades cost a one time fee
- Consist of new software platform, applicable hardware, and branded neoprene bag
- Available for download via the internet from PC after purchase
- Upgrades tester to communicate and perform diagnostic functions for selected software



STATS – Components

Sierra offers a comprehensive list of individual components for replacement purposes.



STATS – What's included

- A branded STATS canvas carrying case will house all your components.
- Branded neoprene cable bags keep cables organized, secure and moisture free. These bags easily identify the proper engine cable for each job.



STATS - Portability

- STATS is more portable and ready for the harsh marine environment than other systems
 - Hand held
 - Lightweight
 - Right or left handed operation
 - 6” Touch screen & touch pad controls
 - No internal battery



STATS - Coverage

- STATS offers multiple brand coverage on one platform
- Uniformed navigation for easy user interface
 - All engine brands use the same menu structure
- STATS has no subscription or annual maintenance fees



STATS – Coverage

- Mercury/Mercruiser up to 2010
- MEFI 1-6 (Includes Volvo Penta Gas up to 2006)
- Yamaha Outboard
- **Honda** Outboard
- Suzuki 4-Stroke
- BRP (Johnson/Evinrude)
- Volvo Diesel (D-Series Engines)
- **Yanmar** Diesel
- PWC (Kawasaki/SeaDoo/Yamaha/Benelli)
 - Sea-Doo and Kawasaki (Supports Diagnostics/Key Programming)
 - Yamaha PWC (Supports Diagnostics and Remote Programming)



STATS – New Products

- STATS Accessory Hard Carrying Case 18-ADA501HC
 - Waterproof when Sealed
 - MIL Spec Rated to Handle even the Harshest environments
 - Lockable
 - Custom Interior Foam to House all STATS components
 - Affordably Priced!



STATS – Support

- Dedicated technical support team to work with dealers and distributor sales teams
 - 800-648-3976 Ext. 3
- Internet based software updates & upgrades
 - Standard and beta software
- Sierra info Quest (iQ)
 - Marine engine information data search
- Financing program
- Profit calculator – www.sierrastats.com



STATS - iQ Intelligence Database



- Mobile App that serves as supplement to print manual
 - Displays all the current STATS software applications
 - Use to determine cables and dongles to use on the engine
 - Provides user with tips and hints about engine diagnosis
 - Input information to aid other users
 - For web-based version, go to www.sierra-iq.com
 - Distributor sales login information:
 - Username: SierraDistributor
 - Password: sierra#1
- Case sensitive!
- For mobile app, search for **Sierra iQMobile**



Manufacturer:	MERCUISER	Full Name:	350 MAG MPI MIE	Model Type:	
Region:	All Regions	Start Year:	2001	End Year:	2009
Engine Size:	350CID V8	Engine Code:	0M310000-	Fuel Type:	GASOLINE
Gearbox:	INBOARD	Key Type:	BLADE	ECU Type:	555

Engine Information

STATS Information

Classic Information

Additional Information



Seastar Solutions * 1 Sierra Place * Litchfield * IL 62056 * USA
 Phone: 217-324-9400



STATS vs. OEMs

STATS

- Covers a wide range of engines including PWC and Diesel.
- Has own console. No PC required.
- Intuitive touch screen.
- Available to all dealers.
- Competitive pricing.

OEM

- Brand specific.
- Requires PC.
- Only available to franchised shops.
- Expensive.
- ECM Re-Programming
- Subscription usually required



STATS vs. MEDS

STATS

- Has own console. No PC required.
- Intuitive touch screen.
- Minimizes cable costs by ECM voltage leveling handled at the console.
- Internet based for easy updates, upgrades, and technical support.
- Limited Lifetime Warranty



MEDS

- Requires PC
- Expensive cable replacement
- Updates via CD
- Color on PC
- 90 Day Warranty



STATS – Future Developments

- Mercury/Mercruiser G3
 - 2010 and Later
- Volvo VODIA
 - ECM Controlled Diesel prior to D-Series
 - Gasoline 2006 and Later



STATS – Future Developments

- Parts Catalog
 - Lookup parts for the engines you are connecting to without even opening a Sierra catalog.
 - Will display all parts Sierra offers.
 - Ability to be updated more frequently than paper catalogs.



STATS – Financing

- Financing program
 - No finance charges
 - Allows dealer to purchase STATS via a credit card and Sierra will bill card in 12 equal monthly payments
 - Sierra credits distributor's sell price of the system and Sierra will then collect payment from dealer's credit card



STATS – Trade-In

- Trade-In Program
 - Allows dealer to purchase STATS at a discounted rate by turning in their existing diagnostic systems
 - Program can also be used in conjunction with the credit card program
 - Trade-In's are done dealer direct.
 - Program will assist distributors in selling more Sierra parts and future STATS software upgrades.



STATS – Return On Investment



- Diagnostic Calculator:

www.sierrastats.com

- Return on your investment quickly and profitability into the future!

