Dealer's business logo on every report

M.E.D.S. Report

The M.E.D.S. report provides you a detailed boat engine report including among other features vital system information, any current active faults, engine run history, data parameter snapshot. This report will be the most comprehensive coverage of your boat engine's history, helping you understand what is occurring with your boat engine.

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Personalized report for the boat owner

Boat Information:

Owner: Mark Mumford

Address: 252 New Bushy Branch Road

Manchester, TN 37349

Telephone: 555-555-2342

Email Address: info@eaglelakemarine.com

Make & Model: 2005 115HP Suzuki

Test Center:

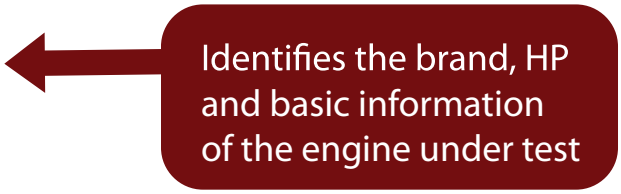
Location: Eagle Lake Marine

Technician: Jim James

Signature:

System Information

Suzuki or BRP 4-Stroke System



ECM ID # : **33920-90JB1**

Rated Power : **115PS**

Model Spec. : **---**

Engine Type : **1950 cc 4-Stroke**

Run Hours : **172.6**

ECM Hardware : **00-02**

Active Fault Status

No faults active

Note: This list shows current faults only

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Display faults for efficient troubleshooting (Both active and inactive)

Quickly start your troubleshooting of the engine based on this information

Run time history

Educate the boat owner on how he is using his boat!

RPM band	Hours in band
0-1000	50.6 hr
1000-2000	43.6 hr
2000-3000	14.3 hr
3000-4000	25.7 hr
4000-5000	31.4 hr
5000-6000	7.0 hr
6000+	0.0 hr
Total Run Time	172.6 hr

Shows actual run hours of the engine.
No more guessing!

Monitored Subsystem	fault counts
Map sensor failure	0
CKP sensor failure	0
IAC valve failure	0
CMP sensor failure	0
CTP switch	0
Cyl. temp. sensor failure	0
IAT sensor failure	0
Exhaust temp. sensor failure	0
Fuel injector failure	0
Over-revolution	0
Low battery voltage	0
Low oil pressure	0
Overheat(gradient)	38
Overheat(temp.)	0

How many seconds has the engine detected a persistant fault? This data helps the service technician determine the condition of a fault.

Freeze Frame Records

Stored information for reviewing the condition of the motor when a fault occurs

Frame #1 - Overheat(gradient)

Engine speed	: 3906 RPM
MAP Press	: 534.4 mmHg (21.05 inHg)
Cylinder Head Temperature	: 92°C (198°F)
Intake temperature	: 48°C (119°F)
Exhaust manifold temperature	: 77°C (170°F)
Failure recorded at	: 160 Run Hours
Time since last failure	: 0 hr 0 min

Frame #2 - Overheat(gradient)

Engine speed	: 3969 RPM
MAP Press	: 560.4 mmHg (22.08 inHg)
Cylinder Head Temperature	: 88°C (190°F)
Intake temperature	: 46°C (115°F)
Exhaust manifold temperature	: 84°C (183°F)
Failure recorded at	: 161 Run Hours
Time since last failure	: 0 hr 0 min

Frame #3 - Overheat(gradient)

Engine speed	: 1094 RPM
MAP Press	: 263.5 mmHg (10.38 inHg)
Cylinder Head Temperature	: 94°C (201°F)
Intake temperature	: 34°C (92°F)
Exhaust manifold temperature	: 98°C (208°F)
Failure recorded at	: 74 Run Hours
Time since last failure	: 0 hr 8 min

Total engine run time: **172.6 hr**

Data Parameter Snapshot

Critical sensor information is noted in this database

Reading	Value	Description
Engine Speed	0.00 RPM	Engine speed
Ign Angle	5° °BTDC	Ignition timing
MAP Press.	102 kPa	Manifold absolute pressure
Atm Press	102 kPa	Barometric pressure
Cyl Temp	21.6 °C	Cylinder head temperature
Intake Temp	22.1 °C	Intake air temperature
VBattery	11.9 V	Battery voltage
Fuel Inj Time	0.00 ms	Fuel inector pulse width
Fuel Inj Qty	0.00 mcc	Injected fuel amount
Fuel pump %	0.00 %	Fuel pump duty cycle
IAC %	0.00 %	IAC valve duty cycle
Stop Switch	Off	Emergency stop switch
CTP Switch	On	Closed throttle position switch
Neutral Sw	On	Neutral switch

Maintenance records

A reminder of how the boat engine has been serviced before the technician begins his troubleshooting

Notes service records and maintenance data of the engine

Oil Change Run Time Records:: 3
Time since last reset: 48 hr

Time of last O2 feedback: 0 hr
Stored O2 Compensation factors::
1.00 (Zone 1)
1.00 (Zone 2)
1.00 (Zone 3)

MEDS system ID

Software Version : MEDS 6.0 Reference Assembly (May 30 2012, 16:15:13)

Manufacturer : CDI Electronics

Product : USB-ECM Int. 534-0110C

Serial Number : 14011504

Hardware adapter ID : 434449533430 (CDIS40)

Authorized M.E.D.S. identification from the service shop performing the repair

MEDSCheck version 04/24/2014 11:27:33