



SDS DIAGNOSTICS

EXAMPLE ENGINE DATA

10/04/2014

Engine No. 12345-
Boat Type cabin
Description 140HP

Power 140PS
ECM ID 33920-92J20
Spec. ---
Engine Type 4 stroke 2045cc

Item	Data	Unit
ENGINE SPEED	0	rpm
IGNITION TIMING	BTDC 2	°
MANIFOLD ABSOLUTE PRESSURE	757	mmHg
MANIFOLD ABSOLUTE PRESSURE	100.9	kPa
MANIFOLD ABSOLUTE PRESSURE	29.83	inHg
BAROMETRIC PRESSURE	757	mmHg
BAROMETRIC PRESSURE	100.9	kPa
BAROMETRIC PRESSURE	29.83	inHg
CYLINDER TEMPERATURE	24	°C
CYLINDER TEMPERATURE	76	°F
INTAKE AIR TEMPERATURE	45	°C
INTAKE AIR TEMPERATURE	114	°F
BATTERY VOLTAGE	11.5	V
FUEL INJ. PULSE WIDTH	0	µs
INJECTED FUEL AMOUNT	0	mcc
FUEL PUMP DUTY	0	%
IAC VALVE DUTY	0	%
NO. OF MAP SENSOR FAILURE	0	times
NO. OF CKP SENSOR FAILURE	1	times
NO. OF IAC VALVE FAILURE	0	times
NO. OF CMP SENSOR FAILURE	0	times
NO. OF CTP SWITCH FAILURE	1	times

NO. OF CYL. TEMP. SNSR FAILURE	0	times
NO. OF IAT SENSOR FAILURE	3	times
NO. OF EX. TEMP. SNSR FAILURE	0	times
NO. OF FUEL INJECTOR FAILURE	0	times
NO. OF OVER-REVOLUTION	0	times
NO. OF LOW BATTERY VOLTAGE	0	times
NO. OF LOW OIL PRESSURE	96	times
NO. OF OVERHEAT(GRADIENT)	12	times
NO. OF OVERHEAT(TEMP.)	0	times
CAUTION SYSTEM NAME (1)	Overheat grad.	
ENGINE SPEED (1)	5781	rpm
MANIFOLD ABSOLUTE PRESSURE (1)	649	mmHg
MANIFOLD ABSOLUTE PRESSURE (1)	86.6	kPa
MANIFOLD ABSOLUTE PRESSURE (1)	25.59	inHg
CYLINDER TEMPERATURE (1)	88	°C
CYLINDER TEMPERATURE (1)	191	°F
INTAKE AIR TEMPERATURE (1)	23	°C
INTAKE AIR TEMPERATURE (1)	73	°F
EX-MANI TEMPERATURE (1)	51	°C
EX-MANI TEMPERATURE (1)	124	°F
FAILURE TIME (1)	1618	h
ELAPSE OF TIME (1)	0	min
CAUTION SYSTEM NAME (2)	Overheat grad.	
ENGINE SPEED (2)	4281	rpm
MANIFOLD ABSOLUTE PRESSURE (2)	523	mmHg
MANIFOLD ABSOLUTE PRESSURE (2)	69.7	kPa
MANIFOLD ABSOLUTE PRESSURE (2)	20.62	inHg
CYLINDER TEMPERATURE (2)	88	°C
CYLINDER TEMPERATURE (2)	191	°F
INTAKE AIR TEMPERATURE (2)	31	°C
INTAKE AIR TEMPERATURE (2)	88	°F
EX-MANI TEMPERATURE (2)	66	°C
EX-MANI TEMPERATURE (2)	151	°F
FAILURE TIME (2)	1658	h
ELAPSE OF TIME (2)	0	min
CAUTION SYSTEM NAME (3)	Low oil press	
ENGINE SPEED (3)	219	rpm
MANIFOLD ABSOLUTE PRESSURE (3)	512	mmHg
MANIFOLD ABSOLUTE PRESSURE (3)	68.3	kPa
MANIFOLD ABSOLUTE PRESSURE (3)	20.18	inHg
CYLINDER TEMPERATURE (3)	45	°C
CYLINDER TEMPERATURE (3)	112	°F
INTAKE AIR TEMPERATURE (3)	37	°C
INTAKE AIR TEMPERATURE (3)	98	°F

EX-MANI TEMPERATURE (3)	32	°C
EX-MANI TEMPERATURE (3)	90	°F
FAILURE TIME (3)	1735	h
ELAPSE OF TIME (3)	0	min
TOTAL OPERATION TIME (HRS.)	1929	h
TOTAL OPERATION TIME (MIN.)	4	min
0-1000 RPM	18384	min
1000-2000 RPM	18128	min
2000-3000 RPM	4532	min
3000-4000 RPM	12370	min
4000-5000 RPM	60558	min
5000-6000 RPM	1764	min
ABOVE 6000 RPM	8	min
ELAPSE TIME FROM REMINDER CANCEL	83	h
NO. OF OIL CHANGE REMINDER	25	times
COMPENSATION FACTOR (ZONE 1)	1	
COMPENSATION FACTOR (ZONE 2)	1	
COMPENSATION FACTOR (ZONE 3)	1	
TIME OF LAST O2 FEEDBACK	0	h
EMERGENCY STOP SWITCH	OFF	
CTP SWITCH	OFF	
NEUTRAL SWITCH	OFF	

SUZUKI SDS DIAGNOSTICS

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