

YAMAHA DIAGNOSTIC SYSTEM

PORT Hours 2412 TAKEN ON 3-28-15



Save date & Time	At 17:01 On March 27 2015
Customer Name	LF250TXR 63P X 1001506
Dealer Name	
Application Version	2.12
Database Version	2.12
Number of Engines	1
Protocol	K-LINE

Comment

Service Check/ Changed W/P

Model Name	
Engine Serial No. (P.I.D.#.)	
ECM No.	6P28591A24

1. Data Logger (Engine operating hours according to engine speed)

Engine speed			
- 1000 r/min	820.9		
1000 - 2000 r/min	241.1		
2000 - 3000 r/min	55.5		
3000 - 4000 r/min	89.1		
4000 - 5000 r/min	143.7		
5000 - 6000 r/min	125.0		
6000 - 7000 r/min	6.4		
Total hours of operation	1481		

2. Record of Engine Oil Exchange

Number			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

3. Diagnosis

Item		Code
Pulser coil	Normal	13
Engine temperature sensor	Normal	15
Knock sensor	Normal	17
Battery voltage	Normal	19
Air temperature sensor	Normal	23
Cam position sensor (EX)	Normal	24
Shift position switch	Normal	28
Air pressure sensor	Normal	29
Intake air passage	Normal	37
Oil pressure sensor	Normal	39
Engine shut-off switch	OFF	44
Shift cut-off switch	Normal	45
Thermoswitch	Normal	46
VCT (S bank)	Normal	68
VCT (P bank)	Normal	69
Cam position sensor(S bank IN)	Normal	71
Cam position sensor(P bank IN)	Normal	72
OCV (S bank)	Normal	73
OCV (P bank)	Normal	74
TPS	Normal	124
TPS	Normal	125
TPS	Normal	126
TPS	Normal	127
TPS	Normal	128
TPS	Normal	131
APS	Normal	132
APS	Normal	133
APS	Normal	134
APS	Normal	135
APS	Normal	135
ETV	Normal	112
ETV	Normal	113
ETV	Normal	114
ETV	Normal	115
ETV	Normal	116
ETV	Normal	117
ETV	Normal	118
ETV	Normal	119
ETV	Normal	121
ETV	Normal	122
ETV	Normal	123
ETV	Normal	129
ETV	Normal	136
ETV	Normal	137
ETV	Normal	138
ETV	Normal	139
ETV	Normal	141
ETV	Normal	142
ETV	Normal	143
ETV	Normal	144
ETV	Normal	145

4. Engine Monitor

Monitor Item (DATA)	Unit	
Engine speed	r/min	683
Intake air pressure	kPa	47.35
Intake air pressure	inHg	13.94
TPS1	V	0.679
Throttle valve opening angle	deg	3.8
TPS2	V	2.651
APS1	V	0.620
APS2	V	0.684
Atmospheric pressure	hPa	1010.8
Atmospheric pressure	inHg	29.9
Battery voltage	V	11.88
Fuel injection duration	ms	5.00
Ignition timing	deg	ATDC 11
Engine temperature	°C	49.3
Engine temperature	°F	120.7
Intake air temperature	°C	21.2
Intake air temperature	°F	69.9
Oil pressure	kPa	566.6
Oil pressure	psi	82.7
Intake cam timing (S bank)	deg	+0.6
Intake cam timing (P bank)	deg	-2.5
Engine shut-off switch		OFF
Shift position switch		ON
Multi-engine system		OFF
Shift cut-off switch		OFF
Thermoswitch		OFF
Main switch		ON
Main relay		ON
ETV relay		ON
Fuel pump relay		ON
A/D(CH1)	V	0.00
A/D(CH2)	V	0.00
A/D(CH3)	V	0.01
A/D(CH4)	V	0.00

