

YAMAHA DIAGNOSTIC SYSTEM

STARBOARD
Hours 2432

3-28-15
TAKEN ON



Save date & Time	At 17:10 On March 27 2015
Customer Name	F250TXRD 6P2 X 1002155
Dealer Name	
Application Version	2.12
Database Version	2.12
Number of Engines	1
Protocol	K-LINE

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

Comment

Service Check/ Changed W/P

1. Data Logger [Engine operating hours according to engine speed]

Engine speed			
- 1000 r/min	540.2		
1000 - 2000 r/min	191.6		
2000 - 3000 r/min	47.0		
3000 - 4000 r/min	67.5		
4000 - 5000 r/min	109.6		
5000 - 6000 r/min	71.1		
6000 - 7000 r/min	3.4		
Total hours of operation	1030		

2 Record of Engine Oil Exchange

Number			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

3. Diagnosis

Item			Code
Shift position switch	Irregular		28
Oil pressure sensor	Irregular		39
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
Air pressure sensor	Normal		29
Intake air passage	Normal		37
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
APS	Normal		131
APS	Normal		132
APS	Normal		133
APS	Normal		134
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	632	
Intake air pressure	kPa	47.61	
Intake air pressure	inHg	14.09	
TPS1	V	0.635	
Throttle valve opening angle	deg	2.8	
TPS2	V	2.612	
APS1	V	0.576	
APS2	V	0.684	
Atmospheric pressure	hPa	1006.8	
Atmospheric pressure	inHg	29.8	
Battery voltage	V	13.95	
Fuel injection duration	ms	4.53	
Ignition timing	deg	ATDC 7	
Engine temperature	°C	51.0	
Engine temperature	°F	125.0	
Intake air temperature	°C	22.0	
Intake air temperature	°F	71.3	
Oil pressure	kPa	876.6	
Oil pressure	psi	127.1	
Intake cam timing (S bank)	deg	-3.4	
Intake cam timing (P bank)	deg	-3.1	
Engine shut-off switch		OFF	
Shift position switch		OFF	
Multi-engine system		OFF	
Shift cut-off switch		OFF	
Thermoswitch		ON	
Main switch		ON	
ETV relay		ON	
Fuel pump relay		ON	
A/D(CH1)	V	0.00	
A/D(CH2)	V	0.00	
A/D(CH3)	V	0.00	
A/D(CH4)	V	0.00	

