



Save date & time	At 09:42 On September 14 2020
Customer name	Pursuit Repower Starboard
Dealer name	26100-297460
Application version	2.43
Database version	2.43
Number of engines	1
Protocol	K-Line

Model name			
Engine serial number (PID number)			
ECM number	6P28591A24		

1. Engine operating hours according to engine speed

Engine speed			
- 1000 r/min	150.6		
1000 - 2000 r/min	13.7		
2000 - 3000 r/min	5.5		
3000 - 4000 r/min	40.6		
4000 - 5000 r/min	85.9		
5000 - 6000 r/min	46.9		
6000 - 7000 r/min	0.4		
Total operating hours	343		

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
Thermo switch	Normal		46
VCT (S)	Normal		68
VCT (P)	Normal		69
Cam position sensor (S IN)	Normal		71
Cam position sensor (P IN)	Normal		72
OCV (S)	Normal		73
OCV (P)	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

Comment

--	--	--	--

2. Record of engine oil exchange

Time			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

4. Engine monitor

Monitor item (data)	Unit		
Engine speed	r/min	644	
Intake air pressure	kPa	52.67	
Intake air pressure	inHg	15.63	
TPS1	V	0.703	
Throttle valve opening angle	deg	4.3	
TPS2	V	2.661	
APS1	V	0.586	
APS2	V	0.703	
Atmospheric pressure	hPa	1001.5	
Atmospheric pressure	inHg	29.6	
Battery voltage	V	14.08	
Fuel injection duration	ms	5.29	
Ignition timing	deg	ATDC 10	
Engine temperature	°C	55.0	
Engine temperature	°F	131.0	
Intake air temperature	°C	18.4	
Intake air temperature	°F	64.7	
Oil pressure	kPa	570.4	
Oil pressure	psi	82.7	
Intake cam timing (S)	deg	+2.5	
Intake cam timing (P)	deg	+0.4	
Engine shut-off switch		OFF	
Shift position switch		ON	
Multi-engine system		OFF	
Shift cut-off switch		OFF	
Thermo switch		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	0.00	
A/D(CH4)	V	0.00	

