YDIS

Save date & time	At 10:50 On March 15 2023
Customer name	Jeff Sell
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	6P28591A25		

Comment

1. Engine operating hours according to engine speed

Engine speed			
- 1000 r/min	80.9		
1000 - 2000 r/min	93.0		
2000 - 3000 r/min	8.1		
3000 - 4000 r/min	17.2		
4000 - 5000 r/min	28.1		
5000 - 6000 r/min	0.7		
6000 - 7000 r/min	0.0		
Total operating hours	228		

2. Record of engine oil exchange

Time			
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
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

4. Engine monitor

Monitor item (data)	Unit			
Engine speed	r/min	726		
Intake air pressure	kPa	51.74		
Intake air pressure	inHg	15.24		
TPS1	V	0.698		
Throttle valve opening angle	deg	4.3		
TPS2	V	2.700		
APS1	V	0.688		
APS2	V	0.728		
Atmospheric pressure	hPa	986.9		
Atmospheric pressure	inHg	29.2		
Battery voltage	V	14.41		
Fuel injection duration	ms	5.23		
Ignition timing	deg	ATDC 8		
Engine temperature	°C	37.0		
Engine temperature	°F	99.0		
Intake air temperature	°C	12.4		
Intake air temperature	°F	54.7		
Oil pressure	kPa	566.6		
Oil pressure	psi	83.3		
Intake cam timing (S)	deg	-5.5		
Intake cam timing (P)	deg	-3.3		
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		

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Comment

5. Diagnosis record

Item	Position	Occurred	Code

6. Engine record

Data item						
Reverse rotation count	-	-				

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Comment

7. Data comparison graph

Engine position

Time	Unit	Engine speed [r/min]	Battery voltage [V]	TPS [V]	Engine temperature [°C]	Engine temperature [°F]	Intake air pressure [kPa]	Intake air pressure [inHg]	Oil pressure [kPa]	Oil pressure [psi]		
-13	Min	750	14.2	0.74	26	78.8	55.4	16.4	593	86		
-12	Min	650	14.3	0.72	35	95	58.4	17.2	570	82.7		
-11	Min	600	14.2	0.7	43	109.4	55.9	16.5	574	83.3		
-10	Min	650	14.1	0.68	49	120.2	51.9	15.3	574	83.3		
-9	Min	650	14.1	0.66	52	125.6	48.5	14.3	563	81.6		
-8	Min	650	14.1	0.66	54	129.2	48	14.2	547	79.4		
-7	Min	650	14.3	0.66	56	132.8	48.5	14.3	567	82.2		
-6	Min	650	14.3	0.66	57	134.6	48	14.2	555	80.5		
-5	Min	650	14.1	0.66	58	136.4	47.5	14	551	79.9		
-4	Min	600	14.1	0.66	59	138.2	47.5	14	547	79.4		
-3	Min	850	14.3	0.76	16	60.8	56.9	16.8	601	87.1		
-2	Min	700	14.3	0.72	27	80.6	52.9	15.6	574	83.3		
-1	Min	700	14.1	0.7	36	96.8	51.9	15.3	578	83.8		

Engine position

Time	Unit											

Engine position

Time	Unit											