

# VODIA User Session

Print date: 6/19/2023 12:49:21 PM

Partner ID	User ID	Client ID	
152124	M466898	424157	
Operation	Chassis ID	Result	Start Time
Login		Closed	6/19/2023 11:38:55 AM
Name	Chassis ID	Start Time	Stop Time
<b>Client Details</b>			
<b>Information Details</b>			
Name	Value		
VodiaBuildDate	3/17/2023 2:24:46 PM		
ApciDbVersion	000.009.001.0		
ApciPlusDbVersion	0.7.1.0		
FidoVersion			
ClupVersion			
LoginInfo	Online		
OsVersion	Windows10 2009		
Os	Windows10		
DotNetVersion	4.8 or later		
ScreenSize	1024x768 Touch		
Drive	28 free of 110 total GB		
Ram	4.8 free of 7.8 total GB		

Operation	Chassis ID	Result	Start Time	
D8-D16	VP 255058, VP 255057	Passed	6/19/2023 11:44:02 AM	
Name	Chassis ID	Result	Start Time	Stop Time
Read out Installation information	VP 255058, VP 255057	Passed	6/19/2023 11:45:14 AM	6/19/2023 11:47:41 AM
<b>Identification</b>				
<b>Nodes</b>				
Detail	VP 255058	VP 255057		
Node	Engine control unit (128)	Engine control unit (128)		
Detail	VP 255058	VP 255057		
S/N	15353042	15353084		
Chassis ID	VP 255058	VP 255057		
Node	128	128		
Total Engine Time	1,456.50 h	1,456.50 h		
HW, S/N	21631327 P04, 15353042	21631327 P04, 15353084		
MSW, Name	22866173 P01, D13/Propulsion/IPS	22866173 P01, D13/Propulsion/IPS		
CSW, Name	22905172, D13P/900HP/DS/T3	22905172, D13P/900HP/DS/T3		
DST 1, Name	21247010 P01, D13PROP	21247010 P01, D13PROP		
DST 2, Name	23782820 P01, D13P-900HP DST T3	23782820 P01, D13P-900HP DST T3		
Node	Powertrain Control Unit (PCU)	Powertrain Control Unit (PCU)		
Detail	VP 255058	VP 255057		
S/N	10012623	10012650		
Chassis ID	VP 255058	VP 255057		
Node	187	187		
HW, S/N	22373011 P01, 10012623	22373011 P01, 10012650		
MSW, Name	23161490 P01, PCU-E3	23161490 P01, PCU-E3		
DST 1,	22959106 P01,	22959106 P01,		

Name	PCU-E3	PCU-E3
DST 2, Name	23769176 P01, EMS2 EVC-E3	23769176 P01, EMS2 EVC-E3

Node	Helm Control Unit (HCU)	Helm Control Unit (HCU)
Detail	VP 255058	VP 255057
S/N	12201147	12201147
Chassis ID	VP 255058	VP 255057
Node	164	164
HW, S/N	21847105 P01, 12201147	21847105 P01, 12201147
MSW, Name	23161483 P01, EVC-E3	23161483 P01, EVC-E3
CSW, Name	22390636 , MENU HCU-D1	22390636 , MENU HCU-D1
CSW, Name	22390634 , Display HCU-E	22390634 , Display HCU-E
CSW, Name	22390632 , Tacho HCU-D1	22390632 , Tacho HCU-D1
CSW, Name	23224469 , HCU Flexi EVC-E3	23224469 , HCU Flexi EVC-E3
CSW, Name	22823057 , HCU E-Key EVC-E3	22823057 , HCU E-Key EVC-E3
CSW, Name	23190132 , G4 EVC-E3	23190132 , G4 EVC-E3
DST 1, Name	21897425 P01, HCU-E	21897425 P01, HCU-E
DST 2, Name	22857340 P01, HCU-E3	22857340 P01, HCU-E3

Node	Helm Control Unit (HCU)	Helm Control Unit (HCU)
Detail	VP 255058	VP 255057
S/N	12206953	12206953
Chassis ID	VP 255058	VP 255057
Node	164	164
HW, S/N	21847105 P01, 12206953	21847105 P01, 12206953
MSW, Name	23161483 P01, EVC-E3	23161483 P01, EVC-E3
CSW, Name	22390636 , MENU HCU-D1	22390636 , MENU HCU-D1
CSW, Name	22390634 , Display HCU-E	22390634 , Display HCU-E
CSW, Name	22390632 , Tacho HCU-D1	22390632 , Tacho HCU-D1
CSW, Name	23224469 , HCU Flexi EVC-E3	23224469 , HCU Flexi EVC-E3
CSW, Name	22823057 , HCU E-Key EVC-E3	22823057 , HCU E-Key EVC-E3
CSW, Name	23190132 , G4 EVC-E3	23190132 , G4 EVC-E3
DST 1, Name	21897425 P01, HCU-E	21897425 P01, HCU-E
DST 2, Name	22857340 P01, HCU-E3	22857340 P01, HCU-E3

Node	Helm Control Unit (HCU)	Helm Control Unit (HCU)
Detail	VP 255058	VP 255057
S/N	32005530	32005530
Chassis ID	VP 255058	VP 255057
Node	164	164
HW, S/N	21847105 P01, 32005530	21847105 P01, 32005530
MSW, Name	23161483 P01, EVC-E3	23161483 P01, EVC-E3
CSW, Name	22390636 ,	22390636 ,

Name	MENU HCU-D1	MENU HCU-D1
CSW, Name	22390634 , Display HCU-E	22390634 , Display HCU-E
CSW, Name	22390632 , Tacho HCU-D1	22390632 , Tacho HCU-D1
CSW, Name	23224469 , HCU Flexi EVC-E3	23224469 , HCU Flexi EVC-E3
CSW, Name	22823057 , HCU E-Key EVC-E3	22823057 , HCU E-Key EVC-E3
CSW, Name	23190132 , G4 EVC-E3	23190132 , G4 EVC-E3
DST 1, Name	21897425 P01, HCU-E	21897425 P01, HCU-E
DST 2, Name	22857340 P01, HCU-E3	22857340 P01, HCU-E3

Node	Servo Unit Steering (SUS)	Servo Unit Steering (SUS)
Detail	VP 255058	VP 255057
S/N	05845888	05845883
Chassis ID	VP 255058	VP 255057
Node	250	250
HW, S/N	22547384 P02, 05845888	22547384 P02, 05845883
MSW, Name	23020252 P01, SUS2 EVC-E3	23020252 P01, SUS2 EVC-E3
DST 1, Name	21921819 P01, SUS1-E & SUS2-E	21921819 P01, SUS1-E & SUS2-E
DST 2, Name	22891672 P01, SUS1-E3 & SUS2-E3	22891672 P01, SUS1-E3 & SUS2-E3

Node	Interceptor Control Module (194)	
Detail	VP 255058	VP 255057
S/N	02001004	
Chassis ID	VP 255058	
Node	194	
HW, S/N	22224798 P01, 02001004	
MSW, Name	23600487 P01, ICM Software	
CSW, Name	21889135 , Servo Module	
CSW, Name	21889135 , Servo Module	
DST 1, Name	23600615 P01, ICM	
DST 2, Name	23600620 P01, ICM	

Node	Corrosion Protection Module (200)	
Detail	VP 255058	VP 255057
S/N	00003555	
Chassis ID	VP 255058	
Node	200	
HW, S/N	40005219 P02, 00003555	
MSW, Name	21237259 P01, CPM no BBS	
DST 1, Name	21206085 P01, CPM no BBS	
DST 2, Name	21237273 P01, CPM no BBS	

Operation	Chassis ID	Result	Start Time
Installation	VP 255057, VP 255058	Started	6/19/2023 11:47:43 AM

Name	Chassis ID
Switch to Starboard	VP 255057
Switch to Port	VP 255058
Switch to Starboard	VP 255057

Name	Chassis ID	Result	Start Time	Stop Time
Refresh driveline information	VP 255057	Passed	6/19/2023 12:07:49 PM	6/19/2023 12:08:37 PM

**Identification**

**Nodes**

Detail	VP 255057	VP 255058
Node	Engine control unit (128)	
Detail	VP 255057	VP 255058
S/N	15353084	
Chassis ID	VP 255057	
Node	128	
Total Engine Time	1,456.85 h	
HW, S/N	21631327 P04, 15353084	
MSW, Name	22866173 P01, D13/Propulsion/IPS	
CSW, Name	22905172, D13P/900HP/DS/T3	
DST 1, Name	21247010 P01, D13PROP	
DST 2, Name	23782820 P01, D13P-900HP DST T3	

**Node** Powertrain Control Unit (PCU)

Detail	VP 255057	VP 255058
S/N	10012650	
Chassis ID	VP 255057	
Node	187	
HW, S/N	22373011 P01, 10012650	
MSW, Name	23161490 P01, PCU-E3	
DST 1, Name	22959106 P01, PCU-E3	
DST 2, Name	23769176 P01, EMS2 EVC-E3	

**Node** Helm Control Unit (HCU)

Detail	VP 255057	VP 255058
S/N	12201147	
Chassis ID	VP 255057	
Node	164	

HW, S/N	21847105 P01, 12201147	
MSW, Name	23161483 P01, EVC-E3	
CSW, Name	22390636 , MENU HCU-D1	
CSW, Name	22390634 , Display HCU-E	
CSW, Name	22390632 , Tacho HCU-D1	
CSW, Name	23224469 , HCU Flexi EVC-E3	
CSW, Name	22823057 , HCU E-Key EVC-E3	
CSW, Name	23190132 , G4 EVC-E3	
DST 1, Name	21897425 P01, HCU-E	
DST 2, Name	22857340 P01, HCU-E3	

Node	Helm Control Unit (HCU)	
Detail	VP 255057	VP 255058
S/N	12206953	
Chassis ID	VP 255057	
Node	164	
HW, S/N	21847105 P01, 12206953	
MSW, Name	23161483 P01, EVC-E3	
CSW, Name	22390636 , MENU HCU-D1	
CSW, Name	22390634 , Display HCU-E	
CSW, Name	22390632 , Tacho HCU-D1	
CSW, Name	23224469 , HCU Flexi EVC-E3	
CSW, Name	22823057 , HCU E-Key EVC-E3	
CSW, Name	23190132 , G4 EVC-E3	
DST 1, Name	21897425 P01, HCU-E	
DST 2, Name	22857340 P01, HCU-E3	

Node	Helm Control Unit (HCU)	
Detail	VP 255057	VP 255058
S/N	32005530	
Chassis ID	VP 255057	
Node	164	
HW, S/N	21847105 P01, 32005530	
MSW, Name	23161483 P01, EVC-E3	
CSW, Name	22390636 , MENU HCU-D1	
CSW, Name	22390634 , Display HCU-E	
CSW, Name	22390632 , Tacho HCU-D1	

CSW, Name	23224469 , HCU Flexi EVC-E3	
CSW, Name	22823057 , HCU E-Key EVC-E3	
CSW, Name	23190132 , G4 EVC-E3	
DST 1, Name	21897425 P01, HCU-E	
DST 2, Name	22857340 P01, HCU-E3	

<b>Node</b>	<b>Servo Unit Steering (SUS)</b>	
<b>Detail</b>	<b>VP 255057</b>	<b>VP 255058</b>
<b>S/N</b>	05845883	
<b>Chassis ID</b>	VP 255057	
<b>Node</b>	250	
<b>HW, S/N</b>	22547384 P02, 05845883	
<b>MSW, Name</b>	23020252 P01, SUS2 EVC-E3	
<b>DST 1, Name</b>	21921819 P01, SUS1-E & SUS2-E	
<b>DST 2, Name</b>	22891672 P01, SUS1-E3 & SUS2-E3	

Name	Chassis ID	Start Time	Stop Time
Additional driveline information	VP 255057	6/19/2023 12:08:37 PM	6/19/2023 12:08:37 PM
<b>Information Details</b>			
<b>Name</b>	<b>Value</b>		
DTC count	4		

Name	Chassis ID	Result	Start Time	Stop Time
Refresh driveline information	VP 255057	Passed	6/19/2023 12:09:33 PM	6/19/2023 12:10:18 PM
<b>Identification</b>				
<b>Nodes</b>				
<b>Detail</b>	<b>VP 255057</b>	<b>VP 255058</b>		
<b>Node</b>	<b>Engine control unit (128)</b>			
<b>Detail</b>	<b>VP 255057</b>	<b>VP 255058</b>		
<b>S/N</b>	15353084			
<b>Chassis ID</b>	VP 255057			
<b>Node</b>	128			
<b>Total Engine Time</b>	1,456.90 h			
<b>HW, S/N</b>	21631327 P04, 15353084			
<b>MSW, Name</b>	22866173 P01, D13/Propulsion/IPS			
<b>CSW, Name</b>	22905172 , D13P/900HP/DS/T3			
<b>DST 1, Name</b>	21247010 P01, D13PROP			
<b>DST 2, Name</b>	23782820 P01, D13P-900HP DST T3			

<b>Node</b>	<b>Powertrain Control Unit (PCU)</b>	
<b>Detail</b>	<b>VP 255057</b>	<b>VP 255058</b>
<b>S/N</b>	10012650	
<b>Chassis ID</b>	VP 255057	
<b>Node</b>	187	
<b>HW, S/N</b>	22373011 P01, 10012650	
<b>MSW, Name</b>	23161490 P01, PCU-E3	
<b>DST 1, Name</b>	22959106 P01, PCU-E3	
<b>DST 2, Name</b>	23769176 P01, EMS2 EVC-E3	

<b>Node</b>	<b>Helm Control Unit (HCU)</b>	
<b>Detail</b>	<b>VP 255057</b>	<b>VP 255058</b>
<b>S/N</b>	12201147	
<b>Chassis ID</b>	VP 255057	
<b>Node</b>	164	
<b>HW, S/N</b>	21847105 P01, 12201147	
<b>MSW, Name</b>	23161483 P01, EVC-E3	
<b>CSW, Name</b>	22390636 , MENU HCU-D1	
<b>CSW, Name</b>	22390634 , Display HCU-E	
<b>CSW, Name</b>	22390632 , Tacho HCU-D1	
<b>CSW, Name</b>	23224469 , HCU Flexi EVC-E3	
<b>CSW, Name</b>	22823057 , HCU E-Key EVC-E3	
<b>CSW, Name</b>	23190132 , G4 EVC-E3	
<b>DST 1, Name</b>	21897425 P01, HCU-E	
<b>DST 2, Name</b>	22857340 P01, HCU-E3	

<b>Node</b>	<b>Helm Control Unit (HCU)</b>	
<b>Detail</b>	<b>VP 255057</b>	<b>VP 255058</b>
<b>S/N</b>	12206953	
<b>Chassis ID</b>	VP 255057	
<b>Node</b>	164	
<b>HW, S/N</b>	21847105 P01, 12206953	
<b>MSW, Name</b>	23161483 P01, EVC-E3	
<b>CSW, Name</b>	22390636 , MENU HCU-D1	
<b>CSW, Name</b>	22390634 , Display HCU-E	
<b>CSW, Name</b>	22390632 , Tacho HCU-D1	
<b>CSW, Name</b>	23224469 , HCU Flexi EVC-E3	

CSW, Name	22823057 , HCU E-Key EVC-E3	
CSW, Name	23190132 , G4 EVC-E3	
DST 1, Name	21897425 P01, HCU-E	
DST 2, Name	22857340 P01, HCU-E3	

<b>Node</b>	<b>Helm Control Unit (HCU)</b>	
<b>Detail</b>	<b>VP 255057</b>	<b>VP 255058</b>
S/N	32005530	
Chassis ID	VP 255057	
Node	164	
HW, S/N	21847105 P01, 32005530	
MSW, Name	23161483 P01, EVC-E3	
CSW, Name	22390636 , MENU HCU-D1	
CSW, Name	22390634 , Display HCU-E	
CSW, Name	22390632 , Tacho HCU-D1	
CSW, Name	23224469 , HCU Flexi EVC-E3	
CSW, Name	22823057 , HCU E-Key EVC-E3	
CSW, Name	23190132 , G4 EVC-E3	
DST 1, Name	21897425 P01, HCU-E	
DST 2, Name	22857340 P01, HCU-E3	

<b>Node</b>	<b>Servo Unit Steering (SUS)</b>	
<b>Detail</b>	<b>VP 255057</b>	<b>VP 255058</b>
S/N	05845883	
Chassis ID	VP 255057	
Node	250	
HW, S/N	22547384 P02, 05845883	
MSW, Name	23020252 P01, SUS2 EVC-E3	
DST 1, Name	21921819 P01, SUS1-E & SUS2-E	
DST 2, Name	22891672 P01, SUS1-E3 & SUS2-E3	

Name	Chassis ID	Start Time	Stop Time
Additional driveline information	VP 255057	6/19/2023 12:10:18 PM	6/19/2023 12:10:18 PM
<b>Information Details</b>			
Name		Value	
DTC count		0	



<b>Name</b>	<b>Chassis ID</b>
Switch to Port	VP 255058
Switch to Starboard	VP 255057

Operation	Chassis ID	Result	Start Time
DTC	VP 255057	Closed	6/19/2023 12:00:58 PM

Name	Chassis ID	Start Time	Stop Time
Read out engine hours	VP 255057	6/19/2023 12:01:11 PM	6/19/2023 12:01:11 PM

**Information Details**

Name	Value
Total Engine Time	1,456.75 h

Operation			
Name	Chassis ID	Start Time	Stop Time
Read DTCs	VP 255057	6/19/2023 12:00:59 PM	6/19/2023 12:01:12 PM

**DTCs**

Control Unit	DTC	Type	Status	First Occurrence	Last Occurrence	Occurrence Count
VP 255057 Engine control unit (128) (128) S/N: 15353084	PID 111 Coolant level	FMI1 Data valid but below operational range	Inactive	1,454.50 h	1,454.70 h	3
VP 255057 Powertrain Control Unit (PCU) (187) S/N: 10012650	PSID 32 EVC Bus Communication with Active Helm Failure	FMI9 Abnormal update rate	Inactive	1,445.70 h	1,449.05 h	4
VP 255057 Helm Control Unit (HCU) (164) S/N: 32005530	PSID 209 Data link, MID164	FMI8 Abnormal frequency, pulse width, or period	Inactive	1,445.70 h	1,449.05 h	2
VP 255057 Servo Unit Steering (SUS) (250) S/N: 05845883	SID 231 SAE J1939 data link	FMI2 Data erratic, intermittent, or incorrect	Inactive	1,445.70 h	1,445.70 h	2

Operation	Chassis ID	Result	Start Time
DTC	VP 255058	Closed	6/19/2023 12:02:03 PM

Name	Chassis ID	Start Time	Stop Time
Read out engine hours	VP 255058	6/19/2023 12:02:20 PM	6/19/2023 12:02:20 PM

**Information Details**

Name	Value
Total Engine Time	1,449.90 h

Operation			
Name	Chassis ID	Start Time	Stop Time
Read DTCs	VP 255058	6/19/2023 12:02:05 PM	6/19/2023 12:02:20 PM

**DTCs**

Control Unit	DTC	Type	Status	First Occurrence	Last Occurrence	Occurrence Count
VP 255058 Powertrain Control Unit (PCU) (187) S/N: 10012623	PSID 32 EVC Bus Communication with Active Helm Failure	FMI9 Abnormal update rate	Inactive	1,440.15 h	1,442.50 h	4
VP 255058 Servo Unit Steering (SUS) (250) S/N: 05845888	SID 231 SAE J1939 data link	FMI2 Data erratic, intermittent, or incorrect	Inactive	1,440.15 h	1,442.50 h	4
VP 255058 Corrosion Protection Module (200) (200) S/N: 00003555	PPID 444 Polarization potential #1	FMI3 Voltage above normal or shorted high	Inactive	Not available	Not available	26
	PPID 444 Polarization potential #1	FMI0 Data valid but above normal	Inactive	Not available	Not available	23

		operational range				
	PPID 447 Polarization current #1	FMI1 Data valid but below operational range	Inactive	Not available	Not available	255
	PPID 447 Polarization current #1	FMI5 Current below normal or open circuit	Inactive	Not available	Not available	2
	PPID 444 Polarization potential #1	FMI2 Data erratic, intermittent, or incorrect	Inactive	Not available	Not available	5
	PPID 444 Polarization potential #1	FMI13 Calibration value out of range	Inactive	Not available	Not available	86

<b>Name</b>	<b>Chassis ID</b>
Clear all DTCs	VP 255058

Operation						
Name	Chassis ID	Start Time	Stop Time			
Read DTCs	VP 255058	6/19/2023 12:06:48 PM	6/19/2023 12:06:59 PM			
DTCs						
Control Unit	DTC	Type	Status	First Occurrence	Last Occurrence	Occurrence Count

Operation	Chassis ID	Result	Start Time
DTC	VP 255057	Closed	6/19/2023 12:08:42 PM
Name	Chassis ID	Start Time	Stop Time
Read out engine hours	VP 255057	6/19/2023 12:08:56 PM	6/19/2023 12:08:56 PM
Information Details			
Name	Value		
Total Engine Time	1,456.85 h		

Operation						
Name	Chassis ID	Start Time	Stop Time			
Read DTCs	VP 255057	6/19/2023 12:08:44 PM	6/19/2023 12:08:56 PM			
DTCs						
Control Unit	DTC	Type	Status	First Occurrence	Last Occurrence	Occurrence Count
VP 255057 Engine control unit (128) (128) S/N: 15353084	PID 111 Coolant level	FMI1 Data valid but below operational range	Inactive	1,454.50 h	1,454.70 h	3
VP 255057 Powertrain Control Unit (PCU) (187) S/N: 10012650	PSID 32 EVC Bus Communication with Active Helm Failure	FMI9 Abnormal update rate	Inactive	1,445.70 h	1,449.05 h	4
VP 255057 Helm Control Unit (HCU) (164) S/N: 32005530	PSID 209 Data link, MID164	FMI8 Abnormal frequency, pulse width, or period	Inactive	1,445.70 h	1,449.05 h	2
VP 255057 Servo Unit Steering (SUS) (250) S/N: 05845883	SID 231 SAE J1939 data link	FMI2 Data erratic, intermittent, or incorrect	Inactive	1,445.70 h	1,445.70 h	2

<b>Name</b>	<b>Chassis ID</b>
Clear all DTCs	VP 255057

Operation						
Name	Chassis ID	Start Time	Stop Time			
Read DTCs	VP 255057	6/19/2023 12:09:11 PM	6/19/2023 12:09:21 PM			
DTCs						
Control Unit	DTC	Type	Status	First Occurrence	Last Occurrence	Occurrence Count

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