

VCADS Pro	Real Mode	Volvo Trucks
Exported:	2/12/2007 9:31:20 AM	
Repair order No:	B&R 2	
Chassis ID:	N 461262	
Model:	VHD	
Dealer ID:	US407090	
VCADS Pro version nr:	2.32.01	
Exported by:	M033663	
License number:		
Created:	2/8/2007 10:54:19 AM	Last changed: 2/8/2007 11:00:37 AM
Job card status	Finished	
Concern:		
Description:		

Initial vehicle configuration - 2/8/2007 10:55:01 AM

<u>Control unit</u>	<u>Software</u>	<u>CSW</u>	<u>Sub-CSW</u>	<u>Dataset 1</u>	<u>Dataset 2</u>	<u>Hardware</u>	<u>Chassis ID:</u>
Engine ECU	20826436			20826461	20826470	20814642	N 461262
Brake ECU	BB40943					EC60-pre	
Information display	20915584			20844180	20882355	20543464	N 461262
Vehicle ECU	20903364			20905498	20862804	20758794	N 461262
Climate unit	20549727					20549634	
Outer Lighting Control Unit (LCM)	20759186			20429474	20579674	20744283	N 461262
Airbag ECU	20452787			20452780	20452783	20452786	N 461262

Fault Codes - 2/8/2007 10:55:02 AM

<u>Control unit</u>	<u>Software</u>	<u>CSW</u>	<u>Sub-CSW</u>	<u>Dataset 1</u>	<u>Dataset 2</u>	<u>Hardware</u>	<u>Chassis ID:</u>
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Fault Codes - 2/8/2007 10:55:02 AM

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Airbag ECU	20452787			20452780	20452783	20452786	N 461262

Vehicle Information, Test - 2/8/2007 10:57:39 AM

<u>Control unit</u>	<u>Software</u>	<u>CSW</u>	<u>Sub-CSW</u>	<u>Dataset 1</u>	<u>Dataset 2</u>	<u>Hardware</u>	<u>Chassis ID:</u>
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Vehicle ECU	20903364			20905498	20862804	20758794	N 461262
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Outer Lighting Control Unit (LCM)	20759186			20429474	20579674	20744283	N 461262
Airbag ECU	20452787			20452780	20452783	20452786	N 461262

Fuel Consumption Data - 2/8/2007 10:58:07 AM

<u>Control unit</u>	<u>Software</u>	<u>CSW</u>	<u>Sub-CSW</u>	<u>Dataset 1</u>	<u>Dataset 2</u>	<u>Hardware</u>	<u>Chassis ID:</u>
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Vehicle ECU	20903364			20905498	20862804	20758794	N 461262
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Airbag ECU	20452787			20452780	20452783	20452786	N 461262

Engine Protection Data - 2/8/2007 10:59:04 AM

<u>Control unit</u>	<u>Software</u>	<u>CSW</u>	<u>Sub-CSW</u>	<u>Dataset 1</u>	<u>Dataset 2</u>	<u>Hardware</u>	<u>Chassis ID:</u>
Engine ECU	20826436			20826461	20826470	20814642	N 461262
Brake ECU	BB40943					EC60-pre	
Information display	20915584			20844180	20882355	20543464	N 461262
Vehicle ECU	20903364			20905498	20862804	20758794	N 461262
Climate unit	20549727					20549634	
Outer Lighting Control Unit (LCM)	20759186			20429474	20579674	20744283	N 461262

Airbag ECU 20452787 20452780 20452783 20452786 N 461262

Sensor Values History - 2/8/2007 10:59:38 AM

<u>Control unit</u>	<u>Software</u>	<u>CSW</u>	<u>Sub-CSW</u>	<u>Dataset 1</u>	<u>Dataset 2</u>	<u>Hardware</u>	<u>Chassis ID:</u>
Engine ECU	20826436			20826461	20826470	20814642	N 461262
Brake ECU	BB40943					EC60-pre	
Information display	20915584			20844180	20882355	20543464	N 461262
Vehicle ECU	20903364			20905498	20862804	20758794	N 461262
Climate unit	20549727					20549634	
Outer Lighting Control Unit (LCM)	20759186			20429474	20579674	20744283	N 461262
Airbag ECU	20452787			20452780	20452783	20452786	N 461262

Operation number 2846-08-03-05 **Title** Sensor Values History **User** M033663 **Date** 2/8/2007 **Time** 10:59:38 AM

Sensor value history - 2/8/2007 10:59:46 AM

Parameters	Unit	F1	F2	C1	C2	1	2	3	4	5
Fan speed	%	0	0	-	-	0	-	-	-	-
Vehicle speed	mph	58	59	-	-	44	-	-	-	-
Accelerator pedal position	%	100	82	-	-	81	-	-	-	-
Engine load	%	100	100	-	-	100	-	-	-	-
Fuel feed pressure	psi	65	68	-	-	66	-	-	-	-
Engine oil pressure	psi	65	57	-	-	62	-	-	-	-
Boost pressure	psi	32	34	-	-	34	-	-	-	-
Charge air temperature	°F	132	150	-	-	100	-	-	-	-
Atmospheric pressure	psi	15	15	-	-	15	-	-	-	-
Coolant temperature	°F	179	193	-	-	174	-	-	-	-
Crankcase pressure	psi	14.5	14.4	-	-	14.8	-	-	-	-
Intake Manifold Temperature	°F	107	98	-	-	48	-	-	-	-
Engine oil temperature	°F	204	216	-	-	200	-	-	-	-
Fuel quantity	gph (US)	20.8	20.9	-	-	20.7	-	-	-	-
Engine speed	r/min	1402	1413	-	-	1407	-	-	-	-
Total mileage	miles	209.1	2955.5	-	-	25282.1	-	-	-	-
Total engine hours	h	7	101	-	-	843	-	-	-	-
EGR temperature	°F	274.0	356.5	-	-	329.8	-	-	-	-
EGR valve 1, position	%	58.4	59.6	-	-	82.8	-	-	-	-
EGR valve 2, position	%	58.4	59.6	-	-	83.2	-	-	-	-

Parameters	Unit	6	7	8	9	10	11	12	13	14	15
Fan speed	%	-	-	-	-	-	-	-	-	-	-
Vehicle speed	mph	-	-	-	-	-	-	-	-	-	-
Accelerator pedal position	%	-	-	-	-	-	-	-	-	-	-
Engine load	%	-	-	-	-	-	-	-	-	-	-
Fuel feed pressure	psi	-	-	-	-	-	-	-	-	-	-
Engine oil pressure	psi	-	-	-	-	-	-	-	-	-	-
Boost pressure	psi	-	-	-	-	-	-	-	-	-	-
Charge air temperature	°F	-	-	-	-	-	-	-	-	-	-
Atmospheric pressure	psi	-	-	-	-	-	-	-	-	-	-

Coolant temperature	°F	-	-	-	-	-	-	-	-	-	-	-	-	-
Crankcase pressure	psi	-	-	-	-	-	-	-	-	-	-	-	-	-
Intake Manifold Temperature	°F	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine oil temperature	°F	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel quantity	gph (US)	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine speed	r/min	-	-	-	-	-	-	-	-	-	-	-	-	-
Total mileage	miles	-	-	-	-	-	-	-	-	-	-	-	-	-
Total engine hours	h	-	-	-	-	-	-	-	-	-	-	-	-	-
EGR temperature	°F	-	-	-	-	-	-	-	-	-	-	-	-	-
EGR valve 1, position	%	-	-	-	-	-	-	-	-	-	-	-	-	-
EGR valve 2, position	%	-	-	-	-	-	-	-	-	-	-	-	-	-

Operation number

2000-08-03-07

Title

Engine Protection Data

User

M033663

Date

2/8/2007

Time

10:59:04 AM

Engine protection data - 2/8/2007 10:59:17 AM**Engine protection data**

	Value (max/min)	Number of times	Total time engine protection (hrs) h	Duration last occasion (sec) s	Lifetime min./max. value
1. Coolant temperature	- 459.7	0.0	0.0	0.0	205.1
2. Coolant level	-	11.0	0.0	0.0	-
3. Oil temperature	- 459.7	0.0	0.0	0.0	228.3
4. Oil pressure	0.0	0.0	0.0	0.0	0.0
5. Crankcase pressure	0.0	0.0	0.0	0.0	1.2
6. EGR temperature	- 459.7	0.0	0.0	0.0	417.8
7. DPF Soot Ratio	X	X	X	X	X

Operation number

2000-08-03-05

Title

Fuel Consumption Data

User

M033663

Date

2/8/2007

Time

10:58:07 AM

Fuel consumption data - 2/8/2007 10:58:20 AM**Total, table**

	Fuel gal (US)	Time h	Distance miles	Consumption mpg(US)	Percentage of total time %
1. Driving	4 557.7	792.4	26 046.7	5.7	91.5
2. Cruise control	16.4	2.0	125.5	7.7	0.2
3. Idle	48.4	74.1	-	-	8.6
4. Power take-off	0.0	0.0	-	-	0.0
5. Highest gear	2 167.3	272.2	-	-	31.4
6. Total	4 609.9	866.0	25 883.9	5.6	-

Trip, table

	Fuel gal (US)	Time h	Distance miles	Consumption mpg(US)	Percentage of total time %
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1. Driving	4 557.7	792.4	-	-	91.5
2. Cruise control	16.4	2.1	125.5	7.7	0.2
3. Idle	48.4	74.1	-	-	8.6
4. Power take-off	0.0	0.0	-	-	0.0
5. Highest gear	2 166.6	272.0	15 179.0	7.0	31.4
6. Total	4 609.9	866.0	25 883.9	5.6	-

Customer target - 2/8/2007 10:58:46 AM

Time	r/min - Maximum engine speed, set target	h - Time exceeding set target	mph - Maximum vehicle speed, set target	h - Time exceeding set target
0.3	2 000	0	62	41
3.9	2 000	0	62	41

Trip vehicle speed and engine speed - 2/8/2007 10:58:50 AM

Time	mph - Maximum vehicle speed	mph - Average speed	r/min - Maximum engine speed
0.3	128	30	2 334

Operation number

1700-08-03-03

Title

Vehicle Information, Test

User

M033663

Date

2/8/2007

Time

10:57:39 AM

Vehicle information, test - 2/8/2007 10:57:40 AM

MID 128 - Engine ECU

Chassis ID: N 461262
Hardware: 20814642Serial number: 05493781
Manufacture date: 12/17/2005Software: 20826436 Main Software
Dataset 1: 20826461 D12D465 EM USA04
Dataset 2: 20826470 Type VN/VHD 465Sub dataset: 20545177 VEB (EBR-VEB)
Sub dataset: 20545180 No start aid
Sub dataset: 20549611 Extended (ENGPROT)
Sub dataset: 20742277 Fan On/Off
Sub dataset: 20752541 Transmission MECHTRAN
Sub dataset: 20752546 Fuel Filter: Sensor and ValveEngine hours: 866:00
Road speed limit 1: 87 mph
Dealer ID for most recent change: 0505050505
Date for most recent change: 12:00:00 AM
Road speed limit 2: 87 mph

MID 136 - Brake ECU

Vehicle Identification Number (VIN): Not available
Component Model: EC60-pre

Serial number: Not available

Software: BB40943

MID 140 - Information display

Chassis ID: N 461262
Hardware: 20543464Serial number: 06084068
Manufacture date: 2/23/2006Software: 20915584 CINSTR MSW VOLVO
Dataset 1: 20844180 Center module, Volvo
Dataset 2: 20882355 CINSTR VOLVO
Languages installedCINSTR US ENGLISH VOLVO: 20867965
CINSTR SPANISH VOLVO: 20867966
CINSTR FRENCH VOLVO: 20867967

MID 144 - Vehicle ECU

Chassis ID: N 461262
 Hardware: 20758794

Serial number: 05451285
 Manufacture date: 11/8/2005

Software: 20903364 Vehicle control unit 3
 Dataset 1: 20905498 Vehicle control unit 3, 12V
 Dataset 2: 20862804 Vehicle control unit 3
 Calibration number: 31094.1 imp/mile
 Dealer ID for most recent change: US5367
 Date for most recent change: 8/17/2006

MID 146 - Climate unit

Chassis ID: Not available
 Hardware: 20549634

Serial number: 00078783
 Manufacture date: 12/10/2005

Software: 20549727 Climate unit
 Dataset 1: Not available
 Dataset 2: Not available

MID 216 - Outer Lighting Control Unit (LCM)

Chassis ID: N 461262
 Hardware: 20744283

Serial number: 00000065
 Manufacture date: 2/6/2006

Software: 20759186 Outer Lighting Control Unit (LCM)
 Dataset 1: 20429474 Outer Lighting Control Unit (LCM)
 Dataset 2: 20579674 Outer Lighting Control Unit (LCM)

MID 232 - Airbag ECU

Chassis ID: N 461262
 Hardware: 20452786

Serial number: 00001529
 Manufacture date: 12/5/2005

Software: 20452787 Mainssoftware
 Dataset 1: 20452780 Air bag, VN
 Dataset 2: 20452783 SRS

Operation number

1700-21-03-02

Title

Fault Codes

User

M033663

Date

2/8/2007

Time

10:55:02 AM

Fault codes - 2/8/2007 10:55:23 AM

MID	PID/PPID/SID/PSID	FMI	Status	Number	First	Last	Freeze Frames
MID 128 Engine ECU	PID 98 Engine oil level	FMI 5 Current below normal or open circuit	Active	6	12:00:00 AM	12:00:00 AM	-
MID 128 Engine ECU	PID 111 Coolant level	FMI 1 Data valid but below operational range	Active	11	11/16/2001 03:36 PM	12/17/2001 10:48 AM	Yes
MID 216 Outer Lighting Control Unit (LCM)	SID 254 Controller 1	FMI 12 Faulty device or component	Inactive	1	12:00:00 AM	12:00:00 AM	-
MID 216 Outer Lighting Control Unit (LCM)	PSID 13 Turn signal lamp left front	FMI 5 Current below normal or open circuit	Active	1	11/16/2001 03:44 PM	12:00:00 AM	-

MID 216 Outer Lighting Control Unit (LCM)	PSID 14 Turn signal lamp right front	FMI 5 Current below normal or open circuit	Active		4	10/27/2001 01:00 PM	12:00:00 AM	-
MID 216 Outer Lighting Control Unit (LCM)	PSID 45 Side repeater right	FMI 5 Current below normal or open circuit	Active		1	12:00:00 AM	12:00:00 AM	-
MID 216 Outer Lighting Control Unit (LCM)	PSID 50 Park lights tractor front	FMI 5 Current below normal or open circuit	Active		1	12:00:00 AM	12:00:00 AM	-
MID 216 Outer Lighting Control Unit (LCM)	PSID 51 Park lights trailer left and right	FMI 3 Voltage above normal or shorted to higher voltage	Inactive		1	12:00:00 AM	12:00:00 AM	-

Time

10/27/2001 01:00 PM

Freeze Frames

MID	PID	FMI	Lamp status	Engine Hours	Total engine hours
128	111	1	Red lamp	865:57	866:00

Freeze Frames values	-59s	-29s	Fault Code	1s	31s
Fan speed (%)	0.0	0.0	0.0	0.0	0.0
Vehicle speed (mph)	0.0	0.0	0.0	0.0	0.0
Accelerator pedal position (%)	0.0	0.0	0.0	0.0	0.0
Engine load (%)	0.0	0.0	0.0	0.0	0.0
Fuel supply pressure (psi)	0	0	0	0	0
Engine oil pressure (psi)	0	0	0	0	0
Boost pressure (psi)	0.0	0.0	0.0	0.0	0.0
Charge air temperature (°F)	118	121	124	125	128
Atmospheric pressure (psi)	14.7	14.7	14.7	14.7	14.7
Coolant temperature (°F)	176	176	177	177	177
Crankcase pressure (psi)	14.7	14.7	14.7	14.7	14.7
Inlet temperature (°F)	65.3	65.0	65.0	65.0	64.8
Engine oil temperature (°F)	193.5	193.8	193.8	193.8	193.8
Fuel volume (gph (US))	0	0	0	0	0
Engine speed (r/min)	0	0	0	0	0
Total distance (miles)	25883.8	25883.8	25883.8	25883.8	25883.8
Exhaust gas recirculation (EGR) valve 1 (%)	0.0	0.0	0.0	0.0	0.0
Exhaust gas recirculation (EGR) valve 2 (%)	0.0	0.0	0.0	0.0	0.0
EGR temperature (°F)	193.0	190.8	188.3	188.0	185.8

MID filter settings

Available MIDs	128	136	140	144	146	216	232
Filtered	Yes	Yes	Yes	Yes	Yes	Yes	Yes
