# **VBOX-VOLVO Diagnostic Tool**



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## Software system support: Window XP/7/8/10 32bit or 64 bit

How to use:

Connect to hardware, insert the box into OBD interface, connect the box with internet reticle and computer reticle interface, red light sparkling. You can find the OBD interface on the left side down of the seat.

#### Hardware lights instruction

LED status	Status instruction
Red light sparkling	hardware working ok
Green light sparkling	data communication status

- Decompression zip package to local computer folder, run the UDVolvo.exe install application. According to the next step to the installation is complete.
- Running UDVOLVO desktop shortcut, The first run you need authorization code, Returns the application display of seeds to distributors, You will get the activation code.

V	AuthorizeWidget	-		×	
ActiveSeed: ActiveKey:	CB4EDAE1A9D9	] ]	Submi	t	]

> Press searchvehicle button find your vehicle IP.

Ø				UDVolvo		- 🗆 🗙
KL30:	TestIP:		TestPort:	DoIPMaster:	TesterFresent:	
KL15:	CarIP:		CarPort:	VIN:		
VehSys 🔀						
Address	ControlModule	Part No. Current	Dtc HistoryDtc	VIN	ControlUint	Vahicle SearchVehicle Disgnostic VIN IDENT DTC Erase DTC WWM-OBD Erase

### Select vehicle IP, click okey button

V				VehicleSelection		?	X
	Vehi cles					Scan	
	IP	VIN	Address	EID	GID		
	192.168.68.55	YV1LCA2DXG1444844	0x1001	:00:10:02:20:2C:E5	00 00 00 00 00 01 00	208	<u>n</u>
						Action	
						Oke	y
						Cane	el
L							

Press"Vehicle identification number, read ECU information, read fault number"

Ψ			UDVolvo			- 🗆 🗙
KL30:	TestIP: 192.168.68.	55 TestPort	t: 5551 Dolf	PMaster:	TesterPresent: 2	
KL15:	CarIP: 192.168.68.	55 CarPort	t: 13400 VIN	: YV1LCA2DXG1444844		
VehSys 🙁						
Address C	ontrolModule Part No.	CurrentDtc Hist	oryDte VIN		ControlUint	Vehicle SearchVehicle Diagnostic VIN IDENT DTC Erase DTC WWH-OBD Erase

Press"current fault code number or history fault code number", press the right button on mouse go check for detail information.

KL30:	TestIP:	192. 168. 68. 55	Tes	tPort: 5576	DoIPMaster: 114	TesterFresent: 24	
	_						
KL15:	CarIP:	192. 168. 68. 55	Ca	rPort: 13400	VIN: YVILCA2DXG	1444844	
ahSys 🖂							
Address	ControlModule	Part No.	CurrentDtc	HistoryDtc	VIN	ControlUint	Vehicle
13 1843			0	0	YV1LCA2DXG1444844		
14 1841			0	0	YV1LCA2DXG1444844		SearchVehicle
15 1801	DIM	31433992	51	0	YV1LCA2DXG1444844	Driver Information Module	Disgnostic
16 1638	DEM	31380867 AA	2	1	YV1LCA2DXG1444844	DIFFERENTIAL ELECTRONIC MO	
17 1632	TCM	31380617 AI	104	5	YV1LCA2DXG1444844	TRANSMISSION CONTROL MOD	VIN
18 1631	BCM	31451222 AA	81	0	YV1LCA2DXG1444844	Break Control Module	
19 1630	ECM	31452233	235	0	YV1LCA2DXG1444844	ENGINE CONTROL MODULE	
20 1616	SAS	31376615 AC	9	0	YV1LCA2DXG1444844	STEERING ANGLE SENSOR	TDENT
21 1615	SCL	31451001 AA	18	0	YV1LCA2DXG1444844	Steering lock	
22 1612	PSCM	31429848 AA	5	0	YV1LCA2DXG1444844	Power steering control module	DTC
23 1601	VDDM	31451210 AA	0	0	YV1LCA2DXG1444844	Vehicle Dynamics Domain Master	
24 1431	WAM	31362795 AG	43	0	YV1LCA2DXG1444844	Wide angle vision module	Erase DTC
25 1417	RMR	31387321 AF	7	1	YV1LCA2DXG1444844	Right restrict module	
26 1416	RML	31387 <mark>1</mark> 68 AF	7	1	YV1LCA2DXG1444844	Left restrict module	WWH-OBD Frome
27 1401	ASDM	31381055 AD	65	0	VV1LCA2DXG1444844	Active safety module controller	
28 1301			0	0	YV1LCA2DXG1444844		

Check the DTC detail information.

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Langu	age						
KL 30	:	TestIP: 192.168.	68.56 Te	stPort: 3848	DoIPMester: 114	TesterFresent: 199	
KL15		CarIP: 192.168.	68.55 C	arPort: 13400	VIN: YV1 L C A2 D	) X G 1 444844	
VehSy	IDENT-	-Details 🖸 Dī	CDetail 🖬				
							SaveAs
	Address	ControlMode	I Type	Dtc	DtcCode	Description	-
13	1001	VCM	с	U112B00	D1280050		1.23
14	1001	VCM	с	U122000	D2200050		
15	1001	VCM	с	U210156	E1015650		
16	1001	VCM	с	U300362	F0036250		
17	1011	TEM	с	B116D97	916D9750		
18	1011	TEM	с	U003788	C0378850		
19	1011	TEM	с	B116E11	916E1150		
20	1011	TEM	c	B116E15	916E1550		
21	1011	TEM	c	U106600	D0660050		
22	1011	TEM	с	U106F00	D06F0050		
23	1011	TEM	c	U107341	D0734150		
24	1011	TEM	с	U107457	D0745750		
25	1011	TEM	с	U107557	D0755750		
26	1011	TEM	с	U210151	E1015150		
27	1011	TEM	с	U210156	E1015650		
28	1011	TEM	с	U230054	E300542C		
29	1011	TEM	с	U230057	E3005750		
30	1011	TEM	с	B116C09	916C0950		
31	1011	TEM	с	U102168	D0216850		
31	1011	TEM	c	U102168	D0216850		

#### > Check the VIN detail information.

Language				Contract of the second s		
KL30:	TestIP: 192.	168. 68. 56	TestPort: 3848	DoIPMaster: 114	TesterPresent: 230	
KL15:	CarIP: 192.	168. 68. 55	CarPort: 13400	VIN: YV1 L C A2 D X C 1 444844		
VehSys 🗔 🛛 ID	ENT-Details 🖸	DTCDetail	VIN1417 🖸			
VIN: VV1LCA2DXG	1444844					
1.000	Code				Destription	
WMI	YV1	Volov Car				
Steering	L	LHD				
Transmission	с	TG-81SC AWD				
Engine	A2	B4204T27				
SaleMarket	D	China				
Model	x	XC90 (16)				
Year	G	2016				
FactoryCode	1	21 volvo Torsl	anda (VTM)			
ChassisNumber	444844					
						1
	the second second					1

> Check ECU detail information.

UDVolvo				A DECEMBER OF A		
Language						
KL30:	TestIP: 192.168	. 68. 56	TestPort: 3848	DoIPMaster: 114	TesterPresent: 161	(T)
KL15:	CarIP: 192.168	. 68. 55	CarPort: 13400	VIN: YV1 L C A2 D X G 1 444844		$\mathbf{V}$
VehSys 🖸 IDEN	TDetails 🗖					
						SaveAs
Address	ControlModel	PartNO.	H/W SerialNO.		S/W SerialNO.	*
6 1301						
7 1401	ASDM	31381055 AD	50780379	31471560 AA 31445436 AB 31471561	AA 31471592 AA 31471644 AA 31471650 AA 31445442 AA 3144	5444 AB 31445190 AA
8 1416	RML	31387168 AF	00016365	31451119 AA 31451121 AA 31451123	AA	
9 1417	RMR	31387321 AF	00020375	31451120 AA 31451122 AA 31451124	AA	
10 1431	WAM	31362795 AG	23104821	31471572 AA 31471206 AA 31445287	AA 31445914 AC	
11 1601	VDDM	31451210 AA	00000661	31471378 AC 31471099 AE 31362669	A 00000001 AA	
12 1612	PSCM	31429848 AA	15154190	31451743 AA 31451744 AA 31476028	AA 31451746 AB	
13 1615	SCL	31451001 AA	00005401	31476248 AA 31406886 AA 31451103	AA	
14 1616	SAS	31376615 AC	51400225	31443500 AA 31376624 AA		
15 1630	ECM	31452233	00002414	31459848 AA 31459293 AB		
16 1631	BCM	31451222 AA	00000661	31471099 AE		
17 1632	тсм	31380617 AI	45100511	31474567 AA 31474565 AA 31380213	AD 31474571 AA	
18 1638	DEM	31380867 AA	06044240	31441599 AA 31441732 AB 31441733	AA	
19 1801	DIM	31433992	00007406	31473852 AA 31473082 AD 31453146	AA 31453480 AA 31473850 AA 31473477 AA 31473087 AB 3147	3084 AC 31453482 AA 31473085 AC
20 1841						
21 1843						
22 1A01	CEM	31433380 AA	43431667	31473890 AA 31473891 AA 31473892	AB 31453882 AC	
23 1A02	PAM	31433381 AA	43431667	31453858 AA 31453856 AA 31453857	AB	
24 1A11	ссм	31449176 AA	21379595	31455433 AA 31455229 AC 31455230	AC	

Double press "current fault code number", enter single ECU.Read fault history fault code number, clean up code number, read vehicle identification number and ECU detail information, press current "current fault code number and history fault code number" to clean up the fault code numbers.

DVolvo		A CONTRACTOR OF	
guage			
30:	TestIP: 192.16	R.68.56 TestPort: 3848 DoIPMaster: 114 TesterPresent: 266	(1
.15:	CarIP: 192.16	8.68.55 CarPort: 13400 VIN: YV1 L C A2 D X G 1 444844	
-			
ISys 🖾   IDEN1	Details 🖾 📗	DTCDetail VIN1417 ECU1630	
Dtc	Code	Description	*
U002888	C0288850	o eachpron	
P010109	01010940		
P010100	01010040		
P010602	01060250		Action
P004800	00480050		
U006488	C0648850		Ourrent Die
P023D00	023D0050		Charlent Dre
P023400	02340050		
P029900	02990050		History Dtc
0 P06DE00	06DE0050		Ψ.
		Ident	Erase
VIN: VVILCA2DX	1444844	Address : 1630	
	Code	Destription PartNuede1: But PartNuede1: But Nylow Car	ReadVin
VVIVII Steering	111	S/WSerialNO : 31459848 AA	
Transmission		31459293 AB	PeadIdent
Fngine	A2	84204T27 ==	Read Gent
SaleMarket	D	China	
Model	X	XC90 (16)	
Year	G	2016	
FactoryCode	1	21 volvo Torslanda (VTM)	
ChassisNumber	444844	• •	