

# COMMERCIAL VEHICLE DIAGNOSTIC TOOL

## USB-Link1 DIAGNOSIS

### Product Catalogue



# FREE Heavy-Duty Truck Diagnostic Applications



**1, VOLVO TRUCK:** FM10, NH565, FH12, FM12, VHD, FH16, FM7, VN, WC, WG, WI, FH565, NH12, FL6, FL7, FL10, FL12, NH525, WX, COMP04, FE, VHD, FH, FM, VM, FM9, F10, F12, F16, NL10, NL12,

VOLVO BUSES: B10B, B10M, B10L, B10R, M10R, B12, B58, B6, B7R, OLYMPIAN, SUPEROLY

**2, VOLVO BUS:** B12B, B12M, B12R, B6R, B7L, B7R, B9L, B9R, B9S, B9TL, PREVH, PREVX,

**3, MACK TRUCKS:** V-MAC I, V-MAC II, V-MAC III, V-MAC IV, Service Diagnostic

## **4, VOLVO CONSTRUCTION EQUIPMENT (CE):**

**Wheel loader:** L110E, L110F, L120E, L120F, L150E, L150F, L180E, L180F, L220E, L220F, L330E, L350F, L60E, L60F, L70E, L70F, L90E, L90F

**Articulated Hauler:** A25D, A25E, A30D, A30E, A35D, A35E, A40D, A40E, T450D,

**Excavator:** EC135B, EC140B, EC140C, EC160B, EC160C, EC180B, EC180C, EC210B, EC210C, EC235C, EC240B, EC240C, EC290B, EC290C, EC330B, EC330C, EC360B, EC360C, EC460B, EC460C, EC700C, EC700B, EC700C, ECR145C, ECR235C, ECR305C, EW140B, EW140C, EW145B, EW145C, EW160B, EW160C, EW180B, EW180C, EW200B, EW210C, FC2121C, FC2421C, FC2924C, FC3329C, PL4611

**Grader:** G710B, G720B, G726B, G730B, G740B, G746B, G780B, G930, G940, G946, G960, G970, G976, G990

**5, Navistar:** ALL Diamond Logic Builder (DLB) ServiceMaxx

**6, International:** ALL Intune, MD32,

**7, Freightliner:** ALL

ServiceLink: cascadia, century, columbia, Coronado, classic, FLDS, 4900FA, 4900SA, 4900EX.

**8, HINO:** ENGINE: 300SERIES, 500 SERIES, CR03\_J08E, CR03\_J05D, COMMON RAIL(J05E), J05D\_US, J08E\_US, P11C,

VCS, Hibrid, Inverter, Brake(ABS), AT\_45043LE

**9, ISUZU\_GMC:** 1996-1999 NPR Diesel and F Series

Include, NPR/W 3500, NPR HD/W 4500, This is for 6.0L V-8 Gasoline Engines only, 7.8L 6HK1 Engine

Isuzu: NPR, NPR HD, NQR, NRR, FTR, FVR, FXR with 6HK1 LG4 Engine, NPR, NPR HD, NQR, NRR with 5.2L (4HK1) or 3.0L (4JJ1) Diesel engine. 6.0L V-8 Gasoline Engine

GM: W3500, W4500, W5500, WT5500, W5500 HD, with 5.2L Diesel Engine Only, T6500, T7500, T8500

**10, KOMATSU excavator, SCANIA VEHICLE, and MAN vehicle will be update**

# ENGINES



## 1, **Detroit Diesel** Diagnostic Link™ (DDDL)

All DDEC VI equipped engines ,  
DD13,DD15,DD16,SERIES60,MBE4000,MBE900,and RS9, RSX9-A,RSX9-B, RSX9-R,  
RS10, RSX10 J1939 engine brake level for Series 2000 and 4000 Engines with USA and  
ISO firing order selection

## 2, **Caterpillar** (on high way engine for j1939)

3126, 3406, 3306B, 3512C, C4.4, C6.6 C7 C9 C11, C13

## 3, **Cummins** INSITE

4d95-cm2150c/D  
6d125/6d140/6d170  
B5.9g  
C Gas plus/B Gas plus  
C8.3g/L10G  
Gas compression GTA3.9/5.9/8.3GC,  
KTA19/38GC-CM556  
ISB-CM2150D  
ISB-CM2250  
ISB-CM850  
ISB Daimler Chrysler  
ISB4.5/6.7 CM2150  
ISB5.9G-CM2180  
ISBe-CM850  
ISBe-CM2150E  
ISC-CM2150D  
ISC-CM2250  
ISC-Transit Bus ISL8.3-CM850  
ISDe-CM2150C  
ISF2.8-CM2220E  
ISF2.8-CM2220S  
ISF3.8-CM2220  
ISF3.8-CM2220S  
ISL-CM2150D  
ISL-CM2250  
ISL G-CM2180A  
ISL8.9-CM850  
ISLe4.5-CM2150E  
ISM-CM870



ISM-CM875  
ISM-CM876  
ISM11 CM876  
ISX-CM871  
ISX11.9/15/16-CM2250  
ISX/ISZ13-CM2150  
L Gas Plus  
PIM  
QSB 6.7-CM2250  
QSB 3.3-CM2150D  
QSB4.5/5.9/6.7-CM850  
QSB5/7-CM850  
QSC8.3-CM2250  
QSC8.3/QSL9  
QSK19-CM850/CM2150  
QSK19/23/45/60/78  
QSK19G/45G/60G,QSV81/91  
QSK23-CM500  
QSK38-CM850/CM2150  
QSK50/60-CM850/CM2150  
QSL 9-CM2250  
QSL9-CM850  
QSM11-CM876  
QST30-CM552  
QST30-CM850  
QSX15  
Signature/ISX-CM870



#### 4,Perkins Engines

1000 (6 Cyl) / 6.354 Series  
RA - 6.247 Series  
RA - 6.247  
T - 6.354 Series  
SOS - 6.354 Standard Option Schemes  
TC - 6.354  
TD - H6.354  
TE - T6.354  
TF - HT6.354  
TG - 6.354.1  
TH - T6.354.1  
TJ - 6.354.2



TK - C6.354.2  
TP - T6.354.3  
TR - 6.372  
TT - TC6.354.1  
TU - T6.354.4  
TV - 6.372.4  
TW - 6.354.4  
TX - C6.354.4  
TY - H6.354.4  
TZ - HT6.354.4  
Y - Phaser / 1006 Series  
YA - 6.60  
YB - T6.60  
YC - C6.60  
YD - CC6.60  
YE - T6.60CC  
YG - 6.601  
YH - T6.601  
YJ - CCA6.601  
YK - CCW6.601  
YS - Option Packs M225TI / M215C  
1100 Series  
D - 1100 Series 3 Cylinder  
DC - 1103C-33  
DD - 1103C-33T  
DF - 1103B-33  
DG - 1103B-33T  
DJ - 1103A-33  
DK - 1103A-33T  
R - 1100 Series 4 Cylinder  
RE - 1104C-44  
RF - 1104C-E44  
RG - 1104C-44T  
RH - 1104C-E44T  
RJ - 1104C-44TA  
RK - 1104C-E44TA  
RR - 1104A-44  
RS - 1104A-44T  
RT - 1104A-44TA  
V - 1100 Series 6 Cylinder  
VK - 1106-E60TA

**VOLVO**



P - 1100D Series 6 Cylinder  
PJ - 1106D-E66TA  
PO - Option Packs 1100 Series  
N - 1100D Series 4 Cylinder ()  
NH - 1104D-E44T ()  
1300 / Peregrine Series  
W - 1300 Series  
WB - T6.466  
WC - CC6.466  
WD - T6.67  
WE - CC6.67  
WF - T6.76  
WG - CC6.76  
WH - T6.87  
WJ - CC6.87  
WK - UT6.76 HEUI  
WL - UCC6.76 HEUI  
WM - UT6.87 HEUI  
WN - UCC6.87 HEUI  
WO - 1300 Series Option Packs  
WP - UT6.761(I) HEUI  
WR - UT6.871(I) HEUI  
WS - UCC6.871(I) HEUI  
2000 / 3000 Series  
4 - 3000 Series  
S4B - 3008  
S4C - 8M700 / 800TI Condor Marine  
S4E - 3008 SI  
6 - 3000 Series  
6A - 3012  
S6A - 3012  
S6C - 3012  
S6D - 3012  
S6E - 3012 SI  
8 - 2000 Series  
8B - 2006  
8C - Eagle / 2006  
8D - Drops / 2006  
8G - 2006 SI  
S8B - 2006  
S8C - Eagle / 2006



S8D - Drops / 2006  
S8E - 2006 SI  
S - 2000 / 3000 Series  
SAA - E300TX Euro1 Eagle  
SAC - E335TX Euro1 Eagle  
SAF - E375TX Euro1 Eagle  
SAG - E400TX Euro1 Eagle  
SAJ - E340TX Euro2  
SAK - E380TX Euro2  
SAL - E410TX Euro2  
SGA - TAG1A Elektropak / Gen Sets  
SGB - TAG2 Elektropak / Gen Sets  
SGC - TAG2A Elektropak / Gen Sets  
SGD - TAG3A Elektropak / Gen Sets  
SGE - TAG4 Elektropak / Gen Sets  
SGF - TG Elektropak / Gen Sets  
SGG - TG1A Elektropak / Gen Sets  
SGH - TG2A Elektropak / Gen Sets  
SGJ - TTAG Elektropak / Gen Sets  
SGK - TWG2 Elektropak / Gen Sets  
SGM - TAG5 Elektropak / Gen Sets  
SGN - TAG2B Elektropak / Gen Sets  
SGP - TAG1B Elektropak / Gen Sets  
SHA - 2006 TWH  
SIA - SI Combined Heat / Power  
SIB - SI Combined Heat / Power  
SIC - TSI Combined Heat / Power  
SID - TSI Combined Heat / Power  
SMA - M600TI Condor Marine  
SMB - M700TI Condor Marine  
SMC - M800TI Condor Marine  
SMO - M600/700/800 Duffield Opt Kit  
SPA - Industrial 17T  
SPB - Industrial 12T1  
SPC - Industrial 12T2  
SPD - Industrial 12TA  
SPM - Industrial 12TW  
SPN - Industrial 26TW1  
SXA - Prototype  
SXD - Prototype  
SXG - Prototype

**ISUZU**



SXI - Prototype  
SXM - Prototype  
SXP - Prototype  
2300 / 2800 Series  
2300 - 6 Cylinder  
FGA - 14L TAG1 Generating Sets  
FGB - 14L TAG2 Generating Sets  
FGD - 14L TAG3 Generating Sets  
2800 - 6 Cylinder  
HGA - 16L TAG1 Generating Sets  
HGB - 16L TAG2 Generating Sets  
JGA - 18L TAG1 Generating Sets  
JGB - 18L TAG2 Generating Sets  
JGD  
4000 Series  
D - 4000 Series  
DGA - TAG1 Generating Sets  
DGB - TAG2 Generating Sets  
DGD - TAG3 Generating Sets  
DGE - TAG4 Generating Sets  
DGF - TG Generating Sets  
DGK - TWG2 Generating Sets  
DGL - TAG Generating Sets  
DGM - TWG Generating Sets  
DGN - TWG3 Generating Sets  
DGP - TEG Generating Sets  
DGR - TEG2 Generating Sets  
DGS - TEG3 Generating Sets  
DGV - TWG2C Generating Sets  
DIE - TESI Combined Heat / Power  
DIF - TESI Gas Unit  
DIG - 4016E61TRS  
DME - Seaking – Marine

## Transmissions



## Brakes



**1,Meritor WABCO toolbox**

D and E Versions ,HABS, hpb, ESC, RSC, ECAS



## **2,Bendix® ACom™ Diagnostics**

EC-17T, Generation 4 and 5, EC-30T, EC-60T (standard, premium and advanced),  
A-18T,MC-30T and the trailer antilock braking TABS-6 unit

## **3, Meritor ZF**

### **4,Eaton Service Ranger**

Vorad VS-400 Collision Warning System

Generation 2 Auto shift and Ultra shift Transmissions

Generation 3 Auto shift and Ultra shift Transmissions

Ultra Shift PLUS Transmissions

Lightning Transmissions

Hybrid Drivetrain Systems

## **5,Allison DOC**

Allison1000,2000,3000,4000,

Cec2-5610,6610,8610,9610

CEC-MTB600,CLBT-V,HT700,B700

CEC-5,CEC-6,CEC-8,CEC9000

Support more software update !!!

# PC-to-Vehicle Interfaces

## **API Support:**

- RP1210A/B
- J2534-2
- supports Windows xp and windows 7 32-bit and 64-bit and windows CE compliant

Not all applications are included. If compatibility confirmation is required, more information is needed, or there are questions about an unlisted application, please contact your dealer,he will send E-mail to us,. A specialist will help you make the right choice.

## **Protocol Coverage:**

CAN - J1939/CAN125/CAN250/CAN500/CAN1000

2nd CAN - J1939/CAN125/CAN250/CAN500/CAN1000

J1587/J1708    J1850    J2534

ISO 15765 (Diagnostic CAN)

ISO 14230 (KWP2000 over ISO9141)    ALDL ATEC 160 (160 baud)

## Cables and Accessories (Kit)



### Kit Includes (9 Adapters)

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SKU:	405048	"Y" deutsch adapter		
	448015	9pin caterpillar		
	441033	3pin deutsch adapter		
	441013	OBD Cable		
	441009	J1962 for GMC truck with CAT ENGINE		
	442020	8pin VOLVO		
	442022	14pin VOLVO		
	442021	12pin Komatsu		
	USB CABLE		ALL 9 piece	900Rmb

### Additional Adapters (Optional):

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**OPTIONAL CABLE: 6- to 9-pin Deutsch adapter      price: 200 Rmb**

**Language of software list:**

<b>Vehicle/engine/brake/translation application Software</b>	<b>Language</b>
Cummins Volvo/MACK Perkins Allison Caterpillar Detroit International Hino Isuzu KOBELCO Meritor/ZF Wabco Eaton Navistar Vansco Bendix Freightliner	English
Cummins Volvo/MACK Caterpillar Perkins Allison	Deutsch
Cummins Volvo/MACK Perkins Allison Caterpillar	Español
Cummins Volvo/MACK Perkins Allison Caterpillar	Français
Cummins Volvo/MACK Perkins Caterpillar	Italiano
Cummins Volvo/MACK Allison	Русский
Cummins Volvo/MACK Perkins Allison Caterpillar	Português
Cummins Volvo/MACK	Nederlands
Cummins Volvo/MACK Perkins Caterpillar Caterpillar	Danskere
Cummins Volvo/MACK	العربية
Cummins Volvo/MACK Perkins Allison Caterpillar Kobelco	中文
Cummins Volvo/MACK Perkins Allison Caterpillar	日本語
Cummins Volvo/MACK Allison	한국어

## J2534 OEM Software (Does Not Include Software)



### J2534 OEM Diagnostic Software Compatibility

The adapter you have purchased is provided with an SAE J2534-compliant interface (an SAE standard for electronic module reprogramming). The USB-LINK should be able to reprogram all CAN/ISO15765 vehicles, GM vehicles using the J1850 Variable Pulse Width (VPW) protocol, or other vehicles using the USB-LINK J2534-supported protocols (i.e. ISO9141/KWP2000).

### The USB-LINK has been validated against the following OEM and component applications:

General Motors TIS2Web

Ford Module Programming (FMP)

Chrysler J2534 Application

Toyota TIS (Technical Information System)

Honda Service Express

Mazda Module Programming (MMP)

Kia J2534 KMA

Hyundai 2534 HMA

Volkswagen Erwin

Audi Erwin

Nissan J2534 ECU Reprogramming Software (NERS)

All J2534 reprogramming and diagnostic software packages that are J2534-1 and J2534-2 compliant and use a protocol supported by the USB-LINK should work as long as the operating system is supported by the application. Note that not all OEMs have released J2534-2 compliant software.

## Repair and Service Procedures

### One-year warranty

The RMA number must appear clearly on the outside of the shipping box when being shipped to Dealer. We appreciate your cooperation in our continued effort to provide efficient and timely product service and support