

Autologic Technical Specifications



VOLVO

1. VOLVO PRODUCT DESCRIPTION

The *Autologic* diagnostic tool for Volvo vehicles is without doubt the most comprehensive tool to be made available to independent Volvo specialists. The world-first software enables access to full dealer-level capabilities that initially covers vehicles between 1996 & 2010 including 800, 900, S/V40, S/V/C70, S/V90, S60, S80, C30, V50, XC60, XC70 & XC90 models. New software will be produced to cover future additions to the Volvo range.

Autologic for Volvo is unique in offering full fault code read and re-set, real-time reading of all dynamic data, full activation of all components, electronic control unit procedures, clearing and setting of adaptation values, coding of control modules, DIM and ICM language change procedure, adjustment of engine idle, procedure for trial substitution of control units and programming of replacement control units.

Systems accessed by the tool include:

Accessory USB unit	EMS module	Passenger door module
Additive dosing module	Engine control module	Phone module
Antenna Tuning module	Forward sensing module	Power operated tailgate module
AM/FM module	Gas control module	Power seat module
Anti-lock braking system	Gas discharge light module	Infotainment module
Anti-spin control module	Global positioning system module	Integrated audio module
Accessory electronic module	Headlamp control module	Rear electronic module
Audio module	High level display front	Remote digital audio receiver
Cab Control unit	Immobiliser	Road traffic information
Central electrics module	Keyless entry	Roll over protection module
Closing velocity module	Keyless vehicle module	Steering angle sensor
Climate control module	Left and right power seat modules	Steering wheel module
Combined instrument panel	Lock & Alarm module	Subwoofer module
Combustion pre-heat module	MD & CD player modules	Supplementary restraint system
DSA Anti-spin control module	Media player module	Suspension module
Differential electronics module	Multimedia module	Telephone module
Driver information module	Parking assist camera	Traffic channel module
Electronic power steering	Parking assist module	Transmission control module
Electronic throttle module	Parking brake module	Trailer module
		Upper electronics module

Volvo Leads & Connectors:

- Volvo diagnostic connector and 1m cable
- 3m extension cable
- USB connector cable for Internet upgrades

System packaged in a lightweight, rugged flight case.

2. DIAGNOSTIC CAPABILITIES

For all the models listed, diagnostic capabilities include:

- Read and clear fault codes
- Dynamic data
- Activating components
- Module programming
- Service resets
- Adaptation resets
- Calibrations and modules tests

800 series

All models	ECM, TCM, CDM ABS, IMM, CCM, SRS , PSM
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900 series

All models	ECM, TCM, CDM ABS, IMM, CCM, SRS , PSM
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S40/V40

All models	ECM, TCM, CEM, ABS, DIM, GDL, CCM, IMM, LA, DDM, CPM,SRS,
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New S40/V50

All models	ECM, TCM, DEM, EPS, ABS, AEM, AMFM, AUD, CEM, DIM, GPS, ICM, IAM, KVM, MPM, PAM, PHM, SWM, SUB, TMC, CCM, CPM, DDM, PDM, PSM, SRS, TRM
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XC60

All models	ECM, TCM, DEM, ABS, CEM, DIM, ICM, IAM, KVM, MMM, PAM, PHM, SUB, CCM, CPM, DDM, PDM, PSM, SRS, TRM, SAS, PBM, CVM, FSM, HCM, POT, PAC, SUM, AUU, BPM, DAB, RDAR, AUD
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XC90

All models	ECM, TCM, DEM, ABS, AEM, AMFM, AUD, CEM, DIM, GPS, ICM, IAM, MPM, PAM, PHM, SWM, SUB, CCM, CPM, DDM, PDM, PSM, SRS
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S80/V70/S60

All models	ECM, TCM, ABS, AEM, AMFM, AUD, CEM, DIM, PHM, SWM, CCM, CPM, DDM, PDM, PSM, SRS
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New Model V70/XC70 2008 onwards

All models	ECM, TCM, DEM, ABS, CEM, DIM, ICM, IAM, KVM, MMM, PAM, PHM, SUB, CCM, CPM, DDM, PDM, PSM, SRS, TRM, SAS, PBM, CVM, FSM, HCM, POT, PAC, SUM, AUU, BPM, DAB, RDAR, AUD
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C30

All models	ECM, TCM, DEM, EPS, ABS, AEM, AUD, CEM, DIM, ICM, IAM, MMM, PAM, PHM, SWM, SUB, CCM, CPM, DDM, PDM, PSM, SRS, TRM, PSR, PSL, AUU, BPM, RDAR
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C70 conv/C70 coupe

All models	ECM, TCM, ABS, COMBI, IMM, LA, RTI, CCM, PSM, SRS, ROPS(conv), CAB(conv)
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New Model C70 2006 onwards

All models	ECM, TCM, DEM, EPS, ABS, AEM, AUD, CEM, DIM, ICM, IAM, MMM, PAM, PHM, SWM, SUB, CCM, CPM, DDM, PDM, PSM, SRS, TRM, PSR, PSL, AUU, BPM, RDAR, CRM
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