Tabo Universal Dash Programmer

Legal Disclaimer

The Universal Dash Programmer and all information in this manual are intended for repair of Odometers only. When buying this product, the buyer promises to use this product only in accordance with the laws of the state in which it is sold.

How to use the Universal Dash Programmer

Power supply

The Universal Dash Programmer handheld is powerded with 12 V by a 3,5 mm miniplug (port 1). Please use an AC adapter with at least 500 mA, better 1 A.

External power supply is necessary when programming a detached odometer. When programming through the diagnostic port, the handdeld is powered by the car through the port. The diagnostic plug is positioned in port 3.

Warning:

When programming through the diagnostic port, do not supply the handheld with power through port 1!

Start menu:

When supplying the handheld with power, you can see the start menu in the display. It offers the possibility, to change the backlight by pressing the **STOP** button.

 Now the handheld is asking for a password. This function is always activated when you get a Universal Dash Programmer, but you can switch it off (☞ options).

Menu

After the start menu, you see the main menu with the different manufacturers and the menu OPTIONS, and SYNC.

With button 8 you can move up, with button 2 down. Then the bar is on the desired menu, press OK. If you have chosen a wrong menu, you can quit by pressing STOP.

Menu Options

■ Choose language

Here you can choose a different language for the Universal Dash Programmer.

■ New PIN

First you have to enter the old PIN. Then the handdeld asks you for the new PIN that you have to repeat again. The password consists of a combination of pressing 6 button of your choice.

■ Erase all eeps

With this menu you erase all data that you have saved before. First you have to press E to verify, then you have to enter your PIN.

■ Clear 1 EEP

Here you can erase the last data you have saved.

■ Verify PIN

With this menu you can switch on or off the password function when starting the handheld. With the button STOP you can switch it off. To switch it off you have to verify it with the password.

Menu updater

This is for new software, for example new manufacturers or models can be unlocked with this function. Therefore contact us.

Generally software improvements are installed by the start menu (0 for update).in the main menu updater is only used to unlock new programs.

Menu SYNC

Used for saving data from your handheld to your computer. This is done with the program Universal Dash and a 0-modem-cable. Choose SYNC when the program asks for it.

Diagnostic programming

Programming by the diagnostic-port of the car is the easiest and most safe way. Put the diagnosis-plug to the port and the other end to the handheld (port 3).

Turn ignition on and choose the menu you need. Choose the Diagnostic function. Enter the desired mileage and press OK.

More details for the different models are in the separate manual.

Note:

The handheld does not show the old value for all models. But if it is displayed, it must be the correct mileage (small variations are ok).

Programming by cluster plug

After removing the cluster from the car, connect it with the plug and the handheld. Power the handheld by port 1.

More details for the different models are in the separate manual.

Note:

The handheld does not distinguish between the programming methods diagnosis and cluster plug, it always show you the option "Diagnosis".

EEPROM programming

Some cars have to be programmed directly by the EEPROM. Those EEPROMS can look like that:
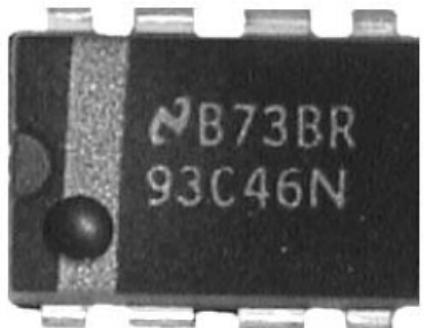
| DIL 8 pin | SMD 14pin | SMD 8pion |
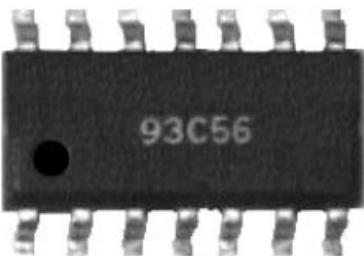
The text on the EEPROM can differ from what you see on the picture.

When you can read what is written on the EEPROM, you have pin 1 on the left side on the bottom.

Note:

Often pin 1 is also marked by a small point like on the picture.

There are 2 different EEPROM families: the 93CX6 series and the 24C0Xseries. Depending on the series, you use the fitting adapter-board:

Adapter 93CX6   Adapter 24C0X

For programming EEPROMS please follow the instruction step by step:

- Ensure the EEPROM is clean and there is no paint or wax on it.
- All oscillators(crystals) on the board must be joined together.
- Put the clip on the EEPROM, with the red mark on pin 1.
- Put the correct adapter-board in port 3 of the handheld.
- Power the handheld by port 1.
- Join the other end of the clip to the 8 pin port on the adapter-board with the red cable on the pin 1 mark.
- In the main menu choose the car model and the method clip.
- When you press OK the handheld reads the EEPROM and jumps to the EEPROM menu.
- In the right upper corner you can see the current mileage. Small variation are ok. If the displayed value is good, save all data with the menu SAVE.
- With the menu adjust KM you can write in the new value that you want. The handheld will verify the successful programming.
- Now carefully remove the clip from the EEPROM and remove the connections from the crystals.
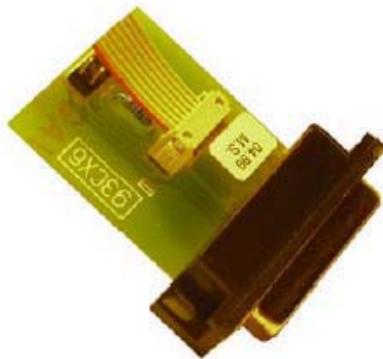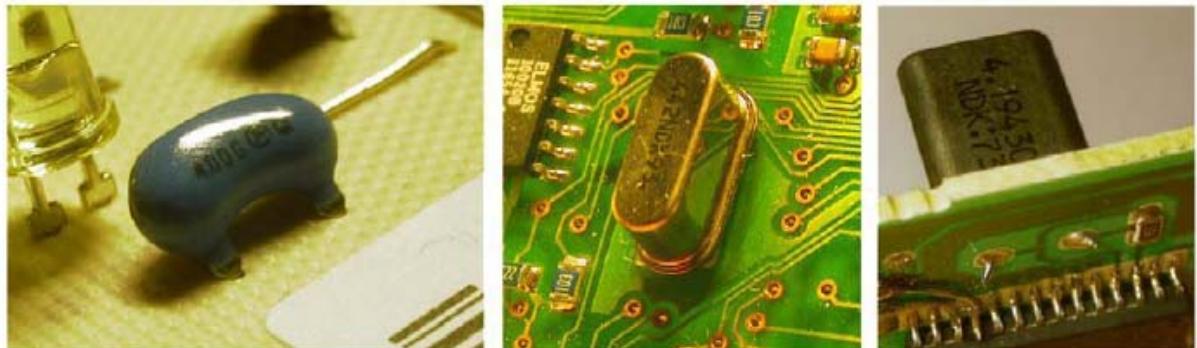
Additional EEPROM functions

- Show

  a complete hex editor

- Read EEPROM

  You can read the EEPROM again, the mileage will also be displayed again

- Save

  You can save up to 200 data bases

- Adjust KM

  If you have chosen the right menu, only the relevant data for the mileage is changed

- Load file

Saved data base can be loaded to the editor

● Write all

Writes all EEPROM data

The hex editor in the menu show offers the possibility to show all EEPROM data and to edit it. There are 2 different modes: the scroll and the edit mode. If the handheld is in the scroll mode, you can move the cursor with keys 2,4,6 and 8. at the bottom of the display, you can read:

<Stop>Edit at 000

The numbers and letters show the current position of the cursor. To switch to the edit mode, press **Stop**. Now you can change the data. To leave the editor, press **OK**. To send the manual altered data to the EEEPROM, you have to change the option **Write all**.

Programming by soldering plug

For some instruments you have to solder cables to the processor or some pints in the circuit board.

Detailed instructions can be found in the separate manual.

DIGIMASTER BASIC PACKAGE LIST:

11 DU

4155 Gr. Cherokee

908

912

Alfa 145

Alfa 156

Alfa 166

AUDI A6 ALT

AUDI2000

B518044

BMW E36	BMW HW 4/5/6
CAN OBD DM1	Chrysler Diagnose
Mercedes Diagnostic	93x6-Adapter
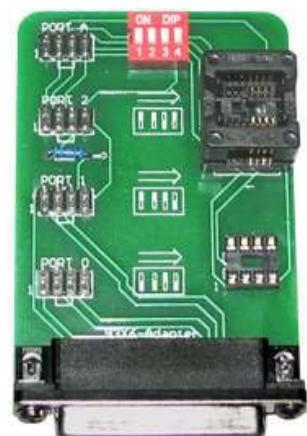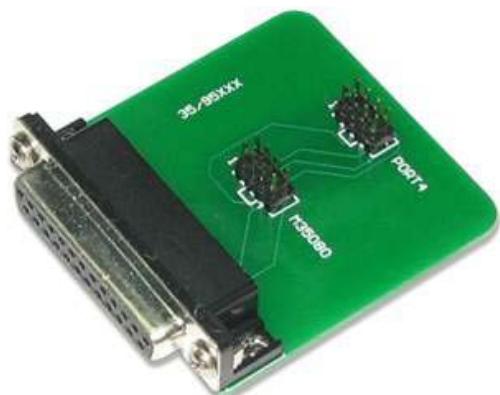
eeprom-35/95xxx
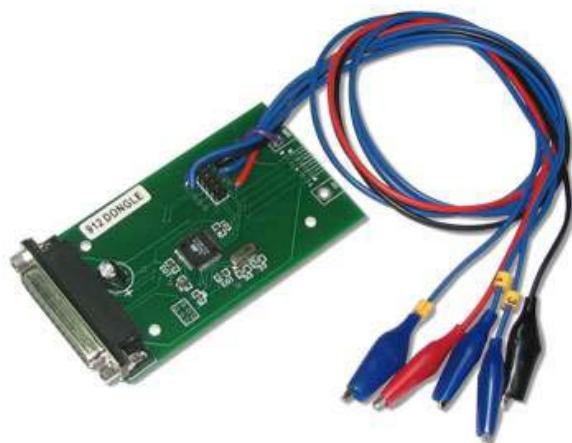
912dongle
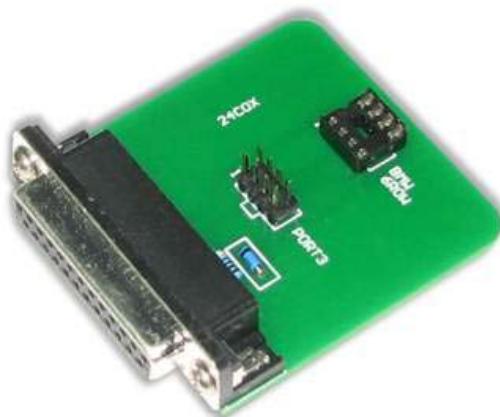
Eeprom 24xx

BMW diagnostic

K-OBD DM1

MB Service

MB-CAN

Multi CAN

Multi Scorpio

OBD II

P106

P206

P406

P607
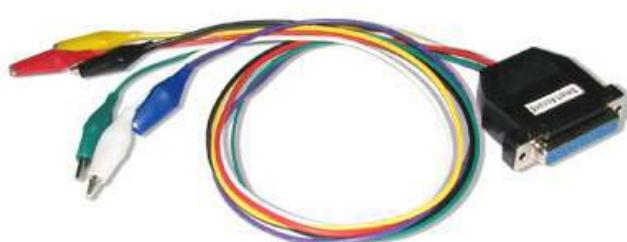
Smart Accord

Sprinter Kienzle

Sprinter

SRI & CCD

	VW/CAN

diagnosis-plug: programming without removing the cluster

cluster-plug: programming without opening the cluster

eeprom: programming the eeprom by clip

soldering contacts: programming by soldering contacts on the circuit board

processor: processor direct programming

Version 1 is the basic version.

With it the most usual vehicles can be programmed. Ideally for newbies.

Version 2 is suitable for the professional.

Here also exotic cars are contained, with which soldering work on the processor is contained.

BMW-Upgrade is suitable for the BMW professional.

The hard and software for the treatment of the BMW keys and light modules. The BMW-Upgrade is functional only in connection with a DIGA-Consult handheld.

Hersteller	Modell	Version	Methode	V1	V2
Aprilia	Falco	100 Pin	Prozessor		
	RSV Mille	100 Pin	Prozessor		
	Racing 125		Eeprom		
	SR Factory		Eeprom		
	Scarabeo		Eeprom		
	Scarabeo 500	Modell 2004	Eeprom		
Alfa Romeo	145	Alt	Prozessor		
		Neu	Prozessor		

	146	Alt	Prozessor
		Neu	Prozessor
	147		Eeprom
	147		NEC-Processor
	156	bis 2002	Tachodiagnose
		ab 2002	Tachodiagnose
	159		Eeprom
	166		Prozessor
		Modell 2002	Eeprom
	Spider		Prozessor
	GT		Eeprom
	GTV		Prozessor
	Motor-Steuergeräte	Euro 2 & Euro 3	Eeprom
	Motor-Steuergeräte	Euro2 & Euro3 Neue Version	Eeprom
Aston Martin	DB7		Prozessor
	DB9		Prozessor
Audi	A2	VDO	Eeprom
		VDO	Tachodiagnose
		VDO	Diagnose
		VDO Modell 2002	Eeprom
		VDO Modell 2002	Diagnose
	A3/S3	VDO	Eeprom
		VDO	Diagnose
		UKNSI	Eeprom
		VDO ab 2000	Eeprom
		VDO ab2000	Tachodiagnose
		VDO ab 2000	Diagnose
		Jaeger bis 6/2001	Tachodiagnose
		Jaeger bis 6/2001	Tachodiagnose
		Jaeger ab 7/2001	Tachodiagnose
		Jaeger	Diagnose
		VDO Modell 2002	Eeprom

	VDO Modell 2002	Diagnose
	VDO Modell 2005	Diagnose
A4/S4	VDO alt	direkt
	VDO alt	Diagnose
	VDO alt MFA	Eeprom
	VDO alt MFA Version 1	Diagnose
	VDO alt MFA Version 2	Diagnose
	VDO neu	Eeprom
	VDO neu	Diagnose
	UKNSI alt	Eeprom
	UKNSI neu	Eeprom
	UKNSI 2 Eeproms	Eeprom
	VDO ab 2000	Eeprom
	VDO ab 2000	Tachodiagnose
	VDO ab 2000	Diagnose
	Jaeger	Tachodiagnose
	Jaeger bis 6/2001	Tachodiagnose
	Jaeger	Diagnose
	Bosch 2001	Eeprom
	Bosch 2001	Diagnose
	Bosch 2002	Eeprom
	Bosch 1/01-9/01	Diagnose (Schnell-Suche)
A6/S6	VDO alt	Eeprom
	VDO alt	Diagnose
	VDO neu	Eeprom
	VDO neu	Diagnose
	VDO ab 2000	Eeprom
	VDO ab 2000	Tachodiagnose
	VDO ab 2000	Diagnose
	Jaeger bis 6/2001	Tachodiagnose
	Jaeger bis 6/2001	Tachodiagnose
	Jaeger ab 7/2001	Tachodiagnose
	Jaeger	Diagnose

		VDO Modell 2002	Eeprom
		VDO Modell 2002	Diagnose
		Magnetti-Marelli Modell 2005	
	A8/S8	VDO Version 1	Eeprom
		VDO Version 1	Diagnose
		VDO Version 2	Eeprom
		VDO Version 2	Diagnose
		VDO ab 1999 Version 1	Eeprom
		VDO ab 1999 Verson 2	Eeprom
		VDO Modell 2005	
	TT	Jaeger	Diagnose
		Jaeger ab 2000	Tachodiagnose
		Jaeger bis 6/2001	Tachodiagnose
		Jaeger ab 7/2001	Tachodiagnose
		Jaeger ab 2000	Diagnose
	Service-Anzeige	alle Modelle	Diagnose
	TV-Freischaltung		Anleitung

Bentley	GT		Eeprom

Benelli	Benelli Tornado		Eeprom
	TNT		Eeprom

BMW	3er E36	bis SW 23	Diagnose
		SW 24	Tachodiagnose
	3er E36 Compact	SW 20	Tachodiagnose
		SW 6+7	Tachodiagnose
		SW 9+10	Eeprom
		SW 9+10	Tachodiagnose
	3er E46	bis SW 16	Eeprom
		bis SW 16	Diagnose

	Service-Anzeige	Eeprom	
	ab SW 17 ohne Eepromwechsel	Lötpunkte	
1er E87	Cluster	Eeprom	
1er E87	CAS	Cluster-Plug	
3er E90	Cluster	Eeprom	
3er E90	CAS	Cluster-Plug	
5er E34	Codierstecker braun	Eeprom	
	Codierstecker blau	Eeprom	
	Codierstecker grün	Eeprom	
5er E39	low	Eeprom	
	low	Diagnose	
	low SW 15	Diagnose	
	low SW 16	Diagnose	
	low ab SW 17 ohne Eepromwechsel	Lötpunkte	
	high + IKE	Eeprom	
	high + IKE	Diagnose	
	high -IKE	Tachodiagnose	
	high – IKE SW 13	Lötpunkte	
	high – IKE ab SW 14 ohne Eepromwechsel	Lötpunkte	
5er E60	Cluster	Eeprom	
5er E60	CAS	Cluster-Plug	
5er E61	Cluster	Eeprom	
5er E61	CAS	Cluster-Plug	
6er E63 (Coupe)	Cluster	Eeprom	
6er E63 (Coupe)	CAS	Cluster-Plug	
6er E64 (Cabrio)	Cluster	Eeprom	
6er E64 (Cabrio)	CAS	Cluster-Plug	
7er E32	Codierstecker braun	Eeprom	

		Codierstecker blau	Eeprom
		Codierstecker grün	Eeprom
7er E38		low	Eeprom
		low	Diagnose
		low SW 15	Diagnose
		low SW 16	Diagnose
		low ab SW 17 ohne Eepromwechsel	Lötpunkte
		high + IKE	Eeprom
		high + IKE	Diagnose
		high -IKE	Tachodiagnose
		high – IKE SW 13	Lötpunkte
		high – IKE ab SW 14 ohne Eepromwechsel	Lötpunkte
7er E65			CAS Diagnose
7er E65			Fehlerspeicher
7er E65 (Facelift)		Cluster	Eeprom
7er E65 (Facelift)		CAS	Cluster-Plug
7er E66 (Long Version)		Cluster	Eeprom
7er E66 (Long Version)		CAS	Cluster-Plug
8er E31			Eeprom
			Diagnose
Z3		SW 20	Tachodiagnose
		SW 6+7	Tachodiagnose
		SW 9+10	Eeprom
		SW 9+10	Tachodiagnose
X3			Eeprom
X5		high – IKE SW 13	Lötpunkte
		high – IKE ab SW 14 ohne Eepromwechsel	Lötpunkte

	Z8		Eeprom
	ServiceReset	Ab Bj.2001 Über OBD II	Diagnose
	TV-Freischaltung	MK I + MK II (bis 1999)	Anleitung
		MK III (ab 2000)	Diagnose
	F650 GS		Eeprom
	C1		Eeprom
Citroen	Xsara		Eeprom
	Xsara	Ab 2000	NEC-Hardware
	Xsara	Modell 2003	Eeprom
	Xsantia		Eeprom
	Berlingo	Bis Modell 2003 BSI	NEC-Hardware
		Ab Modell 2003 Tacho + BSI	Eeprom
	C2	Bis 2004 Tacho+BSI	Eeprom
	C2	Ab 2004 Tacho+BSI	Eeprom
	C3		Eeprom
	C4		Eeprom
	C5	Modell 2001 BSI	Lötpunkte
	C5	Modell 2002 Tacho + BSI	Lötpunkte
	C5	BSI Valeo	Eeprom
	C5	BSI Valeo V2 BSI neu	Eeprom
	C5	Version 2	Lötpunkte
	C5	Version 3	Lötpunkte
	C5	Version 4	Lötpunkte
	C5	Version 5	Lötpunkte
	C8	3 Module	Eeprom + Lötpunkte
	Dispatch		Prozessor
	Evasion		Prozessor
	Jumper		Eeprom
	Jumpy	V1	Prozessor

	Picasso	Bis Modell 2003 BSI	NEC-Hardware
		V2	Prozessor
	Picasso	2004 Tacho + BSI	Eeprom
	Saxo		Tachodiagnose
	Synergie		Prozessor
	Relay		Eeprom
Cagiva	Raptor		Eeprom
Chrysler	Cherokee		Diagnose
		Modell 2002	Diagnose
		Modell 2003	Diagnose
	Crossfire		Diagnose
	Grand Cherokee	bis 3/1999	Diagnose
		4/1999 -2002	Tachodiagnose
		ab 2002 (912)	Diagnose
	Grand Cherokee	Modell 2005	Eeprom
	Liberty		Diagnose
	Neon		Diagnose
	PT Cruiser		Diagnose
		Modell 2002 (912)	Diagnose
	Stratus	bis 1999	Diagnose
		ab 1999	Diagnose
	Wrangler		Diagnose
	Voyager	bis 1999	Diagnose
		ab 1999	Diagnose
		Modell 2002 (912)	Diagnose
	300C		Prozessor
	SRI-Speicher	alle Modelle	Diagnose
Daihatsu	YRV		Eeprom
	Terios		Eeprom
Daewoo	Lancetti		Eeprom
	Nubira		Eeprom

Ducati	749		Eeprom
	Monster		Eeprom
Ferrari	360 Modena		Eeprom
	550 Maranello		Eeprom
	F 430		Eeprom
Fiat	Brava	ST	Prozessor
		Custom	Prozessor
		908 Version 1	Prozessor
		908 Version 2	Prozessor
		UKNSI	Eeprom
	Bravo	ST	Prozessor
		Custom	Prozessor
		908 Version 1	Prozessor
		908 Version 2	Prozessor
		UKNSI	Eeprom
	Doblo	Version 1	Prozessor
		Version 2	Prozessor
		NEC	Eeprom
			Eeprom
	Ducato	Nec 2002	Eeprom
	Idea		Eeprom
	Idea Multijet		Eeprom
	Marea	MM3S	Prozessor
		C(QAF/OPT)	Prozessor
		P(68H)	Prozessor
	Multipla		Eeprom
		Modell 2002	Eeprom
	Palio	Version 1	Prozessor
		Version 2	Prozessor
	Panda		Eeprom
	Panda Multijet		Eeprom
	Punto	2000 Version 1	Lötpunkte
		2000 Version 2	Lötpunkte
		2000 Version 3	Lötpunkte
		2001 Version 1	Lötpunkte

		2001 Version 2	Lötpunkte
		2001 Version 3	Lötpunkte
		2002 Nec	Eeprom
		2003 Nec	Eeprom
		CAN	Tachodiagnose
	Punto Multijet		Eeprom
	Scudo	Version 1	Prozessor
		Version 2	Prozessor
	Seicento	NEC	Prozessor
	Stilo	912	Lötpunkte
	Strada		Eeprom
	Tempra	Tempra	Eeprom
		Borg	Eeprom
		Veglia	Eeprom
	Tipo	Borg	Eeprom
		Veglia	Eeprom
	Ulysse		Prozessor
	Ulysse	2004 3 Module	Eeprom/Lötpunkte
	Motor-Steuergeräte	Euro 2 & Euro 3	Eeprom
	Motor-Steuergeräte	Euro2 & Euro3 Neue Version	Eeprom
Ford	C-Max		Prozessor
	C-Max	Modell 2005	Prozessor
	Cougar		Prozessor
	Connect		Lötpunkte
	Escort	Version 1	Lötpunkte
		Version 2	Lötpunkte
	Fiesta	Version 1	Lötpunkte
		Version 2	Lötpunkte
		Modell 2002	Eeprom
	Focus	Version 1	Tachodiagnose
		Version 2	Tachodiagnose
		Modell 2003	Eeprom
	Fiesta	Modell 2006	Prozessor (9S12)
	Focus	Modell 2005	Prozessor
	Focus RS		Lötpunkte

	Fusion		Eeprom
	Galaxy	bis Modell 2001	Diagnose
		ab Modell 2001 Version 1	Eeprom
		ab Modell 2001 Version 2	Eeprom
		ab Modell 2001 Version 1+2	Diagnose
		ab Modell 2002	Diagnose
	Maverick		Prozessor
	Mondeo		Lötpunkte
	Puma		Lötpunkte
	Ranger		Lötpunkte
	Ranger	Modell 2005	Prozessor (9S12)
	Scorpio		Tachodiagnose
	Transit	-2003	Eeprom
		2003	Eeprom
	Ka		NEC-Hardware
GMC	Seville STS		Eeprom
Harley-Davidson & Buell	alle	Modell 2001	Eeprom
	alle	Modell 2002	Eeprom
	Fatboy		Eeprom
	Buell Firebolt		Eeprom
Hyundai	Santa Fe	Version 1	Eeprom
		Version 2	Eeprom
			NEC-Hardware
	Coupe		Eeprom
	Getz		Eeprom
	Accent		Eeprom
	Matrix		Eeprom
	XG 30		Eeprom
	Elantra		NEC-Hardware
	Elantra		Eeprom
	Terracan		NEC-Hardware

	Tuscan		Eeprom
Honda	Accord		Eeprom
		705 Prozessor	Prozessor
		2003	Lötpunkte
	Element		Eeprom
	Civic		Eeprom
	Civic	Ab Modell 2004	Eeprom
	CRV		Eeprom
	CRV	Modell 2002 bis Modell 2004	Prozessor
	CRV	Ab Modell 2005	Eeprom
	CBR 600	Ab Modell 2004	Eeprom
	CBR Fireblade		Eeprom
	CBR Fireblade	Modell 2005	Eeprom
	CBR 900 Fireblade	Modell 2006	Eeprom
	FRV		Eeprom
	Goldwing	Modell 2004	Eeprom
	HRV		Eeprom
	Jazz		Eeprom
	Jazz	Modell 2004	Eeprom
	Legend		Eeprom
	Logo		Eeprom
	Shuttle		Eeprom
	Stream		Eeprom
	S2000		Eeprom
	SV650	Modell 2005	Eeprom
	Varadero		Eeprom
	VFR 800		Eeprom
		Modell 2004	Eeprom
	VFR 1000		Eeprom
	VT 1100		Eeprom
	Hornet		Eeprom
Isuzu	Trooper		Eeprom
	Pickup		Eeprom
	Rodeo		Eeprom

Iveco	Daily		Eeprom
Jaguar	Daimler/XJ	11DU Version 1	Tachodiagnose
		11DU Version 2	Tachodiagnose
		11DU Version 3	Tachodiagnose
	XK8	bis 2000	Lötpunkte
		ab 2000	Lötpunkte
		ab 2003	Prozessor
	X-Type	Version 1	Lötpunkte
		Version 2	Lötpunkte
	S-Type		
		Modell 2003	Prozessor
	S-Type	Modell 2004	Eeprom
Kawasaki	GPZ 600		Eeprom
	KVF 650		Eeprom
	ZX 6		Eeprom
	ZX 6R		Eeprom
		2003	Eeprom
	ZX 6R 636		Eeprom
	ZX 9		Eeprom
	ZX 9R		Eeprom
	ZX 12R		Eeprom
Kia	Carens		Eeprom
	Carnival		Eeprom
	Cerato		Eeprom
	Picanto		Eeprom
	Rio		Eeprom
	Rio		Eeprom
	Sportage		Eeprom
		Modell 2005	Eeprom
	Sorento		Eeprom
Lamborghini	Gallardo		Eeprom
	Diablo	Modell 1999 Bis Modell 2001	Eeprom
	Murcielago		Eeprom

Lancia	Kappa		Lötpunkte
	Lybra	Version 1	Lötpunkte
		Version 2	Lötpunkte
		Version 3	Lötpunkte
	Musa		Eeprom
	Thesis		Eeprom
	Y	Version 1	Lötpunkte
		Version 2	Lötpunkte
		Version 3	Lötpunkte
		Version 4	Prozessor
		Version 5 SC51 Prozessor	Prozessor
	Motor-Steuergeräte	Euro 2 & Euro 3	Eeprom
	Motor-Steuergeräte	Euro2 & Euro3 Neue Version	Eeprom

Lexus	GS 300		Eeprom
	Harrier Jeep		Eeprom
	IS 200		Eeprom
	LS 200		Eeprom
	LS 300		Eeprom
	LS 400		Eeprom
	LX 470		Eeprom
		Modell 2002	Eeprom
	RX 300		Eeprom
	SC 400		Eeprom

Landrover	Defender		Eeprom
	Discovery	bis 6/2001	Prozessor
		ab 6/2001	Prozessor
	Discovery TD6	Modell 2005	Eeprom
	Freelander	UKNSI+C567	Eeprom
		VDO 2002	Eeprom
	Range Rover	Modell 2002	Eeprom
	Range Rover Sport	Modell 2005	Eeprom
	TD 5	bis 6/2001	Prozessor

		ab 6/2001	Prozessor
Lincoln	Towncar		Prozessor
		1995	Prozessor
		bis 1999	Prozessor
		ab 1999	Prozessor
Lotus	Elise		Eeprom
	Esprit		Eeprom
MAN	LKW	ohne Fahrtenschreiber	Eeprom
Mazda	121		Eeprom
	323	Version 1	Eeprom
		Version 2	Eeprom
		Version 3	Eeprom
	2		Eeprom
	3		Eeprom
	626	Version 1	Eeprom
		Version 2	Eeprom
		Version 3	Eeprom
	6		Eeprom
	Demio		Eeprom
	E2200		Eeprom
	MPV		Eeprom
	MX 5		Eeprom
	Pickup B2500		Eeprom
	Premacy		Eeprom
	RX-8		Eeprom
	Tribute		Prozessor
	Tribute		Processor (9S12)
	Xedos 9		Eeprom
Maserati	Quattroporte		Eeprom
Mercedes	A-Klasse	bis Modell 2000	Diagnose

		ab Modell 2000	Tachodiagnose
		ab Modell 2000	Diagnose
	C-Klasse (W202)	VDO – 9/1995	Eeprom
		VDO -9/1995	Tachodiagnose
		MotoMeter – 9/1995	Eeprom
		MotoMeter – 9/1995	Tachodiagnose
		9/1995 -4/1998 Version 1	Eeprom
		9/1995 -4/1998 Version 2	Eeprom
		9/1995 -4/1998 Version 1+2	Diagnose
		ab 4/1998	Eeprom
		ab 4/1998	Diagnose
	C-Klasse (W203)	Tacho	Eeprom
		Tacho	Tachodiagnose
		Zündschloss Version 1	Prozessor
		Zündschloss Version2	Prozessor
		Zündschloss ab 5/2001	Prozessor
		Tacho flashen	Tachodiagnose
	CL (W140)	bis 6/1996	Eeprom
		bis 6/1996	Tachodiagnose
		6/1996 –4/1998 Version 1	Eeprom
		6/1996 –4/1998 Version 2	Eeprom
		6/1996 –4/1998 Version 1+2	Diagnose
		ab 4/1998	Eeprom
		ab 4/1998	Diagnose
	CL (W215)	bis 2000	Eeprom
		bis 5/2001	Eeprom

	Zündschloss ab 5/2001 Version 1	Prozessor
	Zündschloss ab 5/2001 Version 2	Prozessor
	Zündschloss Modell 2002	Prozessor
	Service-Anzeige	Eeprom
CLK	bis 4/1998 Version 1	Eeprom
	bis 4/1998 Version 2	Eeprom
	bis 4/1998 Version 1+2	Diagnose
	4/1998 –7/1999	Eeprom
	4/1998 –7/1999	Diagnose
	ab 7/1999	Eeprom
	ab 7/1999	Diagnose
E-Klasse	bis 4/1998 Version 1	Eeprom
	bis 4/1998 Version 2	Eeprom
	bis 4/1998 Version 1+2	Diagnose
	4/1998 –7/1999	Eeprom
	4/1998 –7/1999	Diagnose
	ab 7/1999	Eeprom
	ab 7/1999	Diagnose
	W211	Tachodiagnose
G-Klasse		Eeprom
		Diagnose
M-Klasse		Eeprom
		Diagnose
S-Klasse (W140)	bis 6/1996	Eeprom
	bis 6/1996	Tachodiagnose
	6/1996 –4/1998 Version 1	Eeprom
	6/1996 –4/1998 Version 2	Eeprom

		6/1996 –4/1998 Version 1+2	Diagnose
		ab 4/1998	Eeprom
		ab 4/1998	Diagnose
	S-Klasse (W220)	bis 2000	Eeprom
		bis 5/2001	Eeprom
		Zündschloss ab 5/2001 Version 1	Prozessor
		Zündschloss ab 5/2001 Version 2	Prozessor
		Zündschloss Modell 2002	Prozessor
		Service-Anzeige	Eeprom
	SL (R129)	bis 6/1996	Eeprom
		bis 6/1996	Tachodiagnose
		6/1996 –4/1998 Version 1	Eeprom
		6/1996 –4/1998 Version 2	Eeprom
		6/1996 –4/1998 Version 1+2	Diagnose
		ab 4/1998	Eeprom
		ab 4/1998	Diagnose
	SL (R230)	Tacho	Eeprom
		Zündschloss	Prozessor
		Zündschloss Modell 2002	Prozessor
	SLK	bis 4/1998 Version 1	Eeprom
		bis 4/1998 Version 2	Eeprom
		bis 4/1998 Version 1+2	Diagnose
		ab 4/1998	Eeprom
		ab 4/1998	Diagnose
	Sprinter	VDO bis 1999	Eeprom

	Version 1	
	VDO bis 1999 Version 2	Eeprom
	VDO bis 1999 Version 1+2	Tachodiagnose
Betriebsstunden	VDO bis 1999	Eeprom
	VDO ab 2000	Eeprom
	Kienzle bis 1999	Eeprom
		Diagnose
	Kienzle ab 2000	Eeprom
	Magneti Marelli Version 1	Prozessor
	Magneti Marelli Version 2	Prozessor
	Magneti Marelli	Diagnose
Vito	VDO bis 1999 Version 1	Eeprom Version 1
	VDO bis 1999 Version 2	Eeprom Version 2
	VDO bis 1999 Version 1+2	Tachodiagnose
Betriebsstunden	VDO bis 1999	Eeprom
	VDO ab 2000	Eeprom
	Magneti Marelli Version 1	Prozessor
	Magneti Marelli Version 2	Prozessor
	Magneti Marelli	Diagnose
	2004 Tacho + Zündschloss	Eeprom + Lötpunkte
Service-Anzeige	alle Modelle bis 4/1998	Diagnose
	alle Modelle ab 4/1998	Diagnose
Service-Anzeige Diagnose-Strecke seit letztem Service	W 203 W 209 W 211	Diagnose

Mitsubishi	Spacegear		Eeprom
		Yazaki	Eeprom
	Spacewagon		Eeprom
	Spacestar		Eeprom
	Spacerunner		Eeprom
	Charisma		Eeprom
	Colt		Eeprom
		Modell 2004	Eeprom
	Lancer		Eeprom
		Modell 2004	Eeprom
	Outlander		Eeprom
	Pajero	Version 1	Eeprom
		Version 2	Eeprom
	Pinin		Eeprom
	Shogun	Version 1	Eeprom
		Version 2	Eeprom
MV Agusta	Agusta		Eeprom
Nissan	Almera	bis Modell 1999	Eeprom
		Modell 2000 Version 1	Eeprom
		Modell 2000 Version 2	Eeprom
		Modell 2001	Eeprom
	Cabstar		Lötpunkte
	Cubic		Eeprom
	Cubistar		Eeprom
	Infinity		Eeprom
	Primastar		Eeprom
	Maxima	bis Modell 1999	Eeprom
		ab Modell 2000	Eeprom
	Micra	bis 2002	Eeprom
		ab 2003	Eeprom
	Primera	bis Modell 1999	Eeprom
		Modell 1999	Eeprom
		Modell 2000	Eeprom

		Modell 2001	Eeprom
	Patrol		Eeprom
	Patrol	Modell 2003	Eeprom
	Pickup		Eeprom
		Modell 2002	Eeprom
		Modell 2003	Eeprom
	Presage		Eeprom
	Nawaro		Eeprom
	Navara	Ab Modell 2004	Prozessor
	Nevada	Ab Modell 2004	Prozessor
	Pathfinder	bis Modell 2000	Eeprom
		ab Modell 2000	Eeprom
	Pathfinder	Ab Modell 2004	Prozessor
	Skyline		Eeprom
	Tino		Eeprom
	Tino	Modell 2004	Eeprom
	XTrail		Eeprom
	XTrail	Modell 2004	Eeprom
	Terrano		Eeprom
		Modell 2002	Eeprom
	350 ZX		Eeprom
Opel	Astra	VDO	Eeprom
		VDO	Diagnose
		VDO Modell 2002	Diagnose
		TRW	Eeprom
		Modell 2004	Eeprom
	Corsa		Diagnose
	Combo		Diagnose
	Frontera	VDO	Eeprom
		VDO	Diagnose
		TRW	Eeprom
		Delco	Eeprom
	Vectra	VDO bis 3/1999	Eeprom
		VDO bis 3/1999	Diagnose
		VDO ab 3/1999	Eeprom
		VDO ab 3/1999	Diagnose
		Modell 2002	Eeprom

Meriva			Diagnose
Monterey			Eeprom
Movano			Eeprom
Omega			Eeprom
Signum			Eeprom
Vivaro			Eeprom
Vivaro	Version 2		Eeprom
Zafira	VDO		Eeprom
	VDO		Diagnose
	VDO Modell 2002		Diagnose
	TRW		Eeprom
Zafira	Modell 2005		Eeprom
Peugeot	106		Tachodiagnose
	206	bis 2001	Prozessor
		bis 2001	Tachodiagnose
		Service -2001	Tachodiagnose
		Nec 2002 Tacho + BCU	Eeprom
		Nec 2003 Tacho + BCU	Eeprom
		BCU Autodetect	
	306	Version 1	Eeprom
		Version 2	Eeprom
	306		Tachodiagnose
	307	V1	Lötpunkte
		V2	Lötpunkte
		V3	Lötpunkte
		2003	Eeprom
		Ab Modell 2003 Tacho	NEC-Hardware
	307	Modell 2006	Eeprom
	406	Sagem	Eeprom
		Jaeger	Prozessor
		VDO Version 1 Tacho + BCU	Eeprom
		VDO Version 2	Eeprom

		Tacho + BCU	
		VDO Version 3 Tacho + BCU	Eeprom
		BCU 95040	Eeprom
	607	Tacho + BCU	Eeprom
	806		Tachodiagnose Prozessor
	807	3 Module	Tachodiagnose Eeprom + Lötpunkte
	807	Version 2	Prozessor
	807	Version 3	Prozessor
	807	Version 4	Prozessor
	807	Version 5	Prozessor
	1007		Eeprom
	Partner		NEC-Hardware
	Boxer		Eeprom
	Expert		Prozessor
Porsche	928		Eeprom
	996	bis Modell 2000	Eeprom
		bis Modell 2000	Diagnose
		ab Modell 2000	Eeprom
		BCU ab 2000	Eeprom
	997	Modell 2005	Eeprom
	Boxster	bis Modell 2000	Eeprom
		bis Modell 2000	Diagnose
		ab Modell 2000	Eeprom
	Boxster	Modell 2005	Eeprom
	Cayenne		Eeprom
	Turbo		Eeprom
Renault	Avantime	Tacho+BSI	Prozessor
	Clio	Sagem bis Modell 1999	Eeprom
		Sagem	NEC-Hardware

	Sagem 2002 (NEC)	Eeprom
	Jaeger	Eeprom
	Jaeger 908	Prozessor
	Jaeger 908	Tachodiagnose
	Modell 2004	Eeprom
Clio	Modell 2005	Eeprom
	Modell 2006	Eeprom
Dacia		Eeprom
Modus		Eeprom
Espace	ab Modell 2000 Tacho + BCU Version 1	Prozessor
	ab Modell 2000 Tacho + BCU Version 2	Prozessor
	2003 V1	Eeprom
	2003 V2	Eeprom
	2006	Eeprom
Kangoo		Eeprom
	908	Prozessor
	908	Tachodiagnose
	ab Modell 2003	Eeprom
Laguna	Sagem	Eeprom
Laguna 2001	908	Prozessor
	912	Lötpunkte
Laguna	Modell 2004	Prozessor
Logan		Eeprom
Master		Eeprom
Megane	Sagem bis Modell 1999 Version 1	Eeprom
	Sagem bis Modell 1999 Version 2	Eeprom
	Sagem	NEC-Hardware
	Sagem 2002 (NEC)	Eeprom

	Scenic	Jaeger	Prozessor
		Jaeger 908	Prozessor
		Jaeger 908	Tachodiagnose
		Visteon V1	Eeprom
		Visteon V2	Eeprom
		Sagem 2004	Eeprom
		Sagem bis Modell 1999 Version 1	Eeprom
		Sagem bis Modell 1999 Version 2	Eeprom
		Sagem	Nec-Hardware
		Sagem 2002 (NEC)	Eeprom
	Safrane	Jaeger	Prozessor
		Jaeger 908	Prozessor
		Jaeger 908	Tachodiagnose
		Visteon	Eeprom
		Version 1	Eeprom
		Version 2	Eeprom
		Version 3	Eeprom
		Version 4	Eeprom
	Twingo	VDO bis Modell 2000	Prozessor
		VDO ab Modell 2001	Prozessor
		Borg bis Modell 2000	Prozessor
		Borg ab Modell 2001	Prozessor
	Traffic		Eeprom
	Vel Satis		Lötpunkte
	Vel Satis	Modell 2005	Processor (9S12)
	Megane Sagem Tacho		NEC-Hardware
Rover	25		Eeprom
	45		Eeprom

	75	Nur für BMW LKM-Besitzer	Diagnose (Ohne BMW: EEprom)
	Minicooper	Tacho + LKM	Lötpunkte
	MGF		Eeprom
Saab	93	Version 1	Eeprom
		Version 2	Eeprom
		Modell 2003	Eeprom
	93	Ab Modell 2004	Eeprom
	95	Version 1	Eeprom
		Version 2	Eeprom
Ssang Yong	Rexton		Prozessor
	Rodius		Eeprom
Seat	Alle Modelle	sind identisch	mit Volkswagen!
	Toledo	Modell 2002	Eeprom
	Leon 2002		Eeprom
	Ibiza	TRW 2003	Eeprom
		Modell 2002 VDO	Diagnose
		Modell 2002 VDO	Eeprom
	Altea		Can-Diagnose
Skoda	Alle Modelle	sind identisch	mit Volkswagen!
	Octavia	Bis Modell 2005	Diagnose
	Octavia	Ab Modell 2005	Can-Diagnose
	Octavia	Ab Modell 2006	Can-Diagnose
	Suberb		Can-Diagnose
Smart	Smart		Eeprom + Prozessor
	Roadster		Eeprom + Lötpunkte
Subaru	Forester		Eeprom
		Modell 2002	Eeprom
		2003	Eeprom
	Impreza	bis 2002	Eeprom

		ab 2002	Eeprom
	Legacy		Eeprom
		Modell 2004	Eeprom
	Outback		
		2003	Eeprom
			2X EEPROM
Suzuki	Alto		Eeprom
	GSX-R 750		Eeprom
	GSX-R1000		Eeprom
	Carry		Eeprom
	Bandit		Eeprom
	Burgmann		Eeprom
	Hayabusa		Eeprom
	Ignis		Eeprom
	Jimny	Maneti Marelli 908	Prozessor
	Jimny	Denso	Eeprom
	Liana		Eeprom
	Swift		Eeprom
	Vitara		Eeprom
	Grand Vitara		Eeprom
	XF 650		Eeprom
	TL 1000		Eeprom
	Vitara		Eeprom
	XF 650		Eeprom
Toyota	Avensis		Eeprom
		2003	Eeprom
	Picnic		Eeprom
	Camry		Eeprom
	Celica		Eeprom
	Hiace		Eeprom
	HJ100		Eeprom
	RAV 4		Eeprom
		Modell 2006	Eeprom
	Yaris		Eeprom
		Modell 2003	Eeprom

	Corolla		Eeprom
		Modell 2002	Eeprom
	Corolla Verso		Eeprom
	Granvia		Eeprom
	Landcruiser	Version 1	Eeprom
		Version 2	Eeprom
		Modell 2001	Eeprom
		Modell 2002	Eeprom
	Previa		Eeprom
	Previs		Eeprom
	Prius		Eeprom
	Prado		Eeprom
	MR 2		Eeprom
Volvo	V40/S40		Eeprom
	V40/S40	Modell 2004	Prozessor
	V60/S60	912 80 Pin	Prozessor
		912 112 Pin	Prozessor
	V60/S60	Modell 2004	Prozessor
	XC60	Modell 2004	Processor
	V70/S70	Bis Modell 1999	Eeprom
		ab Modell 1999 (908)	Prozessor
		ab Modell 2001 (912) 80 Pin	Prozessor
		ab Modell 2001 (912) 112 Pin	Prozessor
	XC70	Ab Modell 2004	Prozessor
	S80	908	Prozessor
		912 80 Pin	Prozessor
		912 112 Pin	Prozessor
	850	Version 1	Eeprom
		Version 2	Eeprom
		Version 3	Eeprom
		Version 4	Eeprom
	960		Eeprom

Volkswagen	Golf 3	VDO Version 1	Eeprom
		VDO Version 1	Tachodiagnose
		VDO Version 2	Eeprom
		MM SW 4.0 –6.4	Eeprom
		MM SW 4.0 –6.4	Tachodiagnose
		MM SW 3.0 –3.1	Eeprom
		TRW	Eeprom
	Golf 4	VDO bis 2001 Version 1	Eeprom
		VDO bis 2001 Version 2	Eeprom
		VDO bis 2001	Diagnose
		MotoMeter bis 2001 Version 1	Eeprom
		MotoMeter bis 2001 Version 2	Eeprom
		MotoMeter bis 2001	Diagnose
		VDO ab 2001	Eeprom
		VDO ab 2001	Diagnose
		MotoMeter ab 2001	Eeprom
		MotoMeter ab 2001	Diagnose
		VDO ab 2002	Eeprom
		VDO ab 2002	Diagnose
		MotoMeter ab 2002	Eeprom
		MotoMeter ab 2002	Diagnose
	Golf 4	RB4 / RB8	Diagnose (Schneller Suchlauf)
	Golf 5	VDO V1	Diagnose
	Golf 5	VDO V2 Modell 2004	Diagnose
	Golf 5	Visteon	Diagnose
	Gol	Südamerika	Eeprom

Bora	VDO bis 2001 Version 1	Eeprom
	VDO bis 2001 Version 2	Eeprom
	VDO bis 2001	Diagnose
	MotoMeter bis 2001 Version 1	Eeprom
	MotoMeter bis 2001 Versoin 2	Eeprom
	MotoMeter bis 2001	Diagnose
	VDO ab 2001	Eeprom
	VDO ab 2001	Diagnose
	MotoMeter ab 2001	Eeprom
	MotoMeter ab 2001	Diagnose
	VDO ab 2002	Eeprom
	VDO ab 2002	Diagnose
	MotoMeter ab 2002	Eeprom
	MotoMeter ab 2002	Diagnose
Corrado	VDO	Eeprom
	VD202	Eeprom
	MotoMeter	Eeprom
	MotoMeter SW 1.3-1.8	Eeprom
	MotoMeter SW 1.3-1.8	Tachodiagnose
Passat B3	VDO	Eeprom
	VD202	Eeprom
	MotoMeter	Eeprom
	MotoMeter	Tachodiagnose
	MotoMeter SW 1.3-1.8	Eeprom
	MotoMeter SW 1.3-1.8	Tachodiagnose

Passat B5	Magneti Marelli	Diagnose
	VDO Version 1	Eeprom
	VDO Version 1	Diagnose
	VDO Version 2	Eeprom
	VDO Version 2	Diagnose
	MotoMeter	Eeprom
	MotoMeter	Diagnose
Passat B6	VDO Version 1	Eeprom
	VDO Version 2	Eeprom
	MotoMeter 2003	Eeprom
	VDO alle	Diagnose
	MotoMeter 2003	Diagnose
Passat B7	VDO	Can-Diagnose
T4	bis 10/1998	Eeprom
	bis 10/1998	Tachodiagnose
	ab 10/1998	Eeprom
	ab 10/1998	Diagnose
	Modell 2002	Diagnose
Sharan	bis Modell 2001	Diagnose
	ab Modell 2001 Version 1	Eeprom
	ab Modell 2001 Version 2	Eeprom
	ab Modell 2001	Diagnose
	ab Modell 2002	Diagnose
New Beetle	bis Modell 2001	Diagnose
	ab Modell 2001 Version 1	Tachodiagnose
	ab Modell 2001 Version 2	Tachodiagnose
	ab Modell 2001 Version 3	Tachodiagnose
Lupo	Version 1	Eeprom
	Version 2	Eeprom
		Diagnose
Polo	VDO Version 1	Eeprom

	VDO Version 1	Tachodiagnose
	VDO Version 2	Eeprom
	MM SW 4.0 –6.4	Eeprom
	MM SW 4.0 –6.4	Tachodiagnose
	MM SW 3.0 –3.1	Eeprom
	ab Modell 1998	Eeprom
	ab Modell 1998	Diagnose
	TRW	Eeprom
	TRW 2000	Eeprom
	VDO 2002	Eeprom
	VDO 2002	Diagnose
	TRW 24C08	Eeprom
Caddy	VDO Version 1	Eeprom
	VDO Version 1	Tachodiagnose
	VDO Version 2	Eeprom
	MM SW 4.0 –6.4	Eeprom
	MM SW 4.0 –6.4	Tachodiagnose
	MM SW 3.0 –3.1	Eeprom
	TRW	Eeprom
Vento	VDO Version 1	Eeprom
	VDO Version 1	Tachodiagnose
	VDO Version 2	Eeprom
	MM SW 4.0 –6.4	Eeprom
	MM SW 4.0 –6.4	Tachodiagnose
	MM SW 3.0 –3.1	Eeprom
	TRW	
LT	VDO bis 1999 Version 1	Eeprom
	VDO bis 1999 Version 2	Eeprom
		Tachodiagnose
	VDO ab 2000	Eeprom
	Kienzle bis 1999	Eeprom
		Diagnose
	Magneti Marelli Version 1	Prozessor
	Magneti Marelli	Prozessor

	Version 2	
Phaeton	V1	Eeprom
	V2	
Phaeton		Diagnose
Touareg		Diagnose
Touran		Can-Diagnose
Touran	Ab Modell 2004	Can-Diagnose
Service	alle Modelle	Diagnose
Service	CAN Modelle	Diagnose
1551	Fehler löschen CAN	Diagnose

Yamaha		
	Drag Star	Eeprom
	BT Bulldog	Eeprom
	Wild Star	Eeprom
	Phaser	Eeprom
	T-Max	Eeprom
	Majestic	Eeprom
	Versity	Eeprom
	YZF-R1	Eeprom
	YZF-R1	Modell 2003	Eeprom
	YZF-R6	Eeprom
	YZF-R6	Modell 2003	Eeprom

Das BMW-Kit für den Profi

Zusatzmodul für BMW Programmierung E46, E38, E39, X5	
Lichtmodul	Programmierung über Prozessor für 912er
Lichtmodul	Programmierung über Diagnose bis 912 Prozessoren
EWS Modul	löschen über Stecker

EWS Modul	exakte Programmierung über Stecker
Schlüssel	Auslesen mit Keyreader
Schlüssel	Programmierung
KM-Check	Lesen von Tacho, Lichtmodul + EWS über Diagnose
TV-Freischaltung	Aktivieren der TV Funktion für MK III System während der Fahrt über Diagnose