

TACHO-UNIVERSAL

## TACHO UNIVERSAL

Dear Sirs,

Thank you for your interest in our product.

The Tacho-Universal is the most complete available programming device for digital speedometers. The system is a high-quality tool, which offers a maximum of flexibility and working comfort despite simple operation.

Outstanding characteristics of the system are:

- The current odometer reading is decoded and indicated.
- Intuitive operability by clear menu guidance.
- Light display.
- Menu guidance in different languages (D, E, F, I, ESP, POL, ....)
- All data can be edited, stored and loaded.
- The stored data can be transferred to a PC for archiving.
- Defective speedometers can be comfortably repaired.
- You can download developed software directly through our internet server.
- New types and marks can be de-energized within seconds by telephone.
- The annoying post office dispatch of the equipment is void.

With purchase a briefing and a constant telephone support are natural for questions and problems by us.

These versions you can supplement at will with other models.

Contained in each case are the TACHO UNIVERSAL, all necessary plugs, cable, guidance's (detailed CD with guidance for all models), special tools, etc... Further we stand for our customers always for questions for order, both by E-Mail and by telephone.

If you should wish an individual software package, communicate to us please, which models you need and we create you an offer.

I hope, this offer is interesting to you. For further questions please contact us.

Yours sincerely,

The TACHO-UNIVERSAL: Each package contains the Tacho-Universal all necessary plugs, cables, guidance (cd with manuals for all models)



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References to the Tacho Universal:

**Diagnosis-plug:** programming is made in few seconds by the Diagnosis-Plug interface of the vehicle.

**Cluster-plug:** the removed cluster is connected and programmed with the Tacho-Universal

**Directly:** the Cluster must be removed and opened for programming. Partly soldering work is necessary.

Programming techniques:

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

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[www.uobd2.com](http://www.uobd2.com)

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Manufacturer	Model	Version	Method	V1	V2
Alfa Romeo	145	old	Processor		
		new	Processor		
	146	old	Processor		
		new	Processor		
	147		Eeprom		
	156	before 2002	Cluster-Plug		
		since 2002	Cluster-Plug		
	166		Processor		
		Model 2002	Eeprom		
	Spider		Processor		
GTV		Processor			

Audi	A2	VDO	Eeprom		
		VDO	Cluster-Plug		
		VDO	Diagnosis-Plug		
	VDO Model 2002	Eeprom			
		Diagnosis-Plug			
	A3/S3	VDO	Eeprom		
		VDO	Diagnosis-Plug		
		UKNSI	Eeprom		
		VDO since 2000	Eeprom		
		VDO ab2000	Cluster-Plug		
		VDO since 2000	Diagnosis-Plug		
		Jaeger before 6/2001	Cluster-Plug		
		Jaeger before 6/2001	Cluster-Plug		
		Jaeger since 7/2001	Cluster-Plug		
		Jaeger	Diagnosis-Plug		
		VDO Model 2002	Eeprom		
		VDO Model 2002	Diagnosis-Plug		
		A4/S4	VDO old	direkt	
	VDO old		Diagnosis-Plug		
	VDO old MFA		Eeprom		
	VDO old MFA Version 1		Diagnosis-Plug		
	VDO old MFA Version 2		Diagnosis-Plug		
	VDO new		Eeprom		
	VDO new		Diagnosis-Plug		
	UKNSI old		Eeprom		
	UKNSI new		Eeprom		
	UKNSI 2 Eeproms		Eeprom		
	VDO since 2000		Eeprom		
	VDO since 2000		Cluster-Plug		
	VDO since 2000		Diagnosis-Plug		
	Jaeger		Cluster-Plug		
	Jaeger before 6/2001	Cluster-Plug			
	Jaeger	Diagnosis-Plug			
Bosch 2001	Eeprom				
Bosch 2001	Diagnosis-Plug				

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	Bosch 2002	Eeprom		
A6/S6	VDO old	Eeprom		
	VDO old	Diagnosis-Plug		
	VDO new	Eeprom		
	VDO new	Diagnosis-Plug		
	VDO since 2000	Eeprom		
	VDO since 2000	Cluster-Plug		
	VDO since 2000	Diagnosis-Plug		
	Jaeger before 6/2001	Cluster-Plug		
	Jaeger before 6/2001	Cluster-Plug		
	Jaeger since 7/2001	Cluster-Plug		
	Jaeger	Diagnosis-Plug		
	VDO Model 2002	Eeprom		
	VDO Model 2002	Diagnosis-Plug		
A8/S8	VDO Version 1	Eeprom		
	VDO Version 1	Diagnosis-Plug		
	VDO Version 2	Eeprom		
	VDO Version 2	Diagnosis-Plug		
	VDO since 1999 Version 1	Eeprom		
	VDO since 1999 Version 2	Eeprom		
TT	Jaeger	Diagnosis-Plug		
	Jaeger since 2000	Cluster-Plug		
	Jaeger before 6/2001	Cluster-Plug		
	Jaeger since 7/2001	Cluster-Plug		
	Jaeger since 2000	Diagnosis-Plug		
Service-Display	all models	Diagnosis-Plug		
TV-Unlocking		Manual		

BMW				
3er E36	before SW 23	Diagnosis-Plug		
	SW 24	Cluster-Plug		
3er E36 Compact	SW 20	Cluster-Plug		
	SW 6+7	Cluster-Plug		
	SW 9+10	Eeprom		
	SW 9+10	Cluster-Plug		
3er E46	before SW 16	Eeprom		
	before SW 16	Diagnosis-Plug		
	Service-Display	Eeprom		
	since SW 17 without eeprom replacing	Soldering contacts		
5er E34	Codeplug brown	Eeprom		
	Codeplug blue	Eeprom		
	Codeplug green	Eeprom		
5er E39	low	Eeprom		
	low	Diagnosis-Plug		
	low SW 15	Diagnosis-Plug		

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	low SW 16	Diagnosis-Plug		
	low since SW 17 without eeprom replacing	Soldering contacts		
	high + IKE	Eeprom		
	high + IKE	Diagnosis-Plug		
	high - IKE	Cluster-Plug		
	high - IKE SW 13	Soldering contacts		
	high - IKE since SW 14 without eeprom replacing	Soldering contacts		
<b>7er E32</b>	Codeplug brown	Eeprom		
	Codeplug blue	Eeprom		
	Codeplug green	Eeprom		
<b>7er E38</b>	low	Eeprom		
	low	Diagnosis-Plug		
	low SW 15	Diagnosis-Plug		
	low SW 16	Diagnosis-Plug		
	low since SW 17 without eeprom replacing	Soldering contacts		
	high + IKE	Eeprom		
	high + IKE	Diagnosis-Plug		
	high - IKE	Cluster-Plug		
	high - IKE SW 13	Soldering contacts		
	high - IKE since SW 14 without eeprom replacing	Soldering contacts		
<b>8er E31</b>		Eeprom		
		Diagnosis-Plug		
<b>Z3</b>	SW 20	Cluster-Plug		
	SW 6+7	Cluster-Plug		
	SW 9+10	Eeprom		
	SW 9+10	Cluster-Plug		
<b>X3</b>		Eeprom		
<b>X5</b>	high - IKE SW 13	Soldering contacts		
	high - IKE since SW 14 without eeprom replacing	Soldering contacts		
<b>Z8</b>		Eeprom		
<b>TV-Unlocking</b>	MK I + MK II (before 1999)	Manual		
	MK III (since 2000)	Diagnosis-Plug		
<b>F650 GS</b>		Eeprom		
<b>C1</b>		Eeprom		

<b>Citroen</b>	<b>Xsara</b>		Eeprom		
	<b>Xsantia</b>		Eeprom		
	<b>Berlingo</b>	2003 cluster + BSI	Eeprom		
	<b>C3</b>		Eeprom		
	<b>C5</b>	Model 2001 BSI	Soldering contacts		
	<b>C5</b>	Model 2002 cluster + BSI	Soldering contacts		
	<b>C5</b>	BSI Valeo	Eeprom		

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<b>C8</b>	3 modules	Eeprom + Soldering contacts		
<b>Dispatch</b>		Processor		
<b>Evasion</b>		Processor		
<b>Jumper</b>		Eeprom		
<b>Jumpy</b>	V1	Processor		
	V2	Processor		
<b>Picasso</b>	2004 cluster + BSI	Eeprom		
<b>Saxo</b>		Cluster-Plug		
<b>Synergie</b>		Processor		

<b>Cagiva</b>	<b>Raptor</b>		Eeprom	
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<b>Chrysler</b>	<b>Cherokee</b>		Eeprom	
		Model 2002	Soldering contacts	
		Model 2003	Soldering contacts	
	<b>Crossfire</b>		Diagnosis-Plug	
	<b>Grand Cherokee</b>	before 3/1999	Diagnosis-Plug	
		4/1999 - 2002	Cluster-Plug	
		since 2002 (912)	Soldering contacts	
	<b>Neon</b>		Soldering contacts	
	<b>PT Cruiser</b>		Processor	
		Model 2002 (912)	Soldering contacts	
	<b>Stratus</b>	before 1999	Diagnosis-Plug	
		since 1999	Diagnosis-Plug	
	<b>Wrangler</b>		Eeprom	
	<b>Voyager</b>	before 1999	Diagnosis-Plug	
		since 1999	Diagnosis-Plug	
	Model 2002 (912)	Soldering contacts		
<b>SRI-Speicher</b>	all models	Diagnosis-Plug		

<b>Daihatsu</b>	<b>YRV</b>		Eeprom	
	<b>Terios</b>		Eeprom	

<b>Ferrari</b>	<b>360 Modena</b>		Eeprom	
	<b>550 Maranello</b>		Eeprom	

<b>Fiat</b>	<b>Brava</b>	ST	Processor	
		Custom	Processor	
		908 Version 1	Processor	
		908 Version 2	Processor	
		UKNSI	Eeprom	
	<b>Bravo</b>	ST	Processor	
		Custom	Processor	
		908 Version 1	Processor	
		908 Version 2	Processor	
		UKNSI	Eeprom	
	<b>Doblo</b>	Version 1	Processor	
		Version 2	Processor	
		NEC	Eeprom	

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	2004	Eeprom		
<b>Ducato</b>	Nec 2002	Eeprom		
<b>Marea</b>	MM3S	Processor		
	C(QAF/OPT)	Processor		
	P(68H)	Processor		
<b>Multipla</b>		Eeprom		
	Model 2002	Eeprom		
<b>Palio</b>	Version 1	Processor		
	Version 2	Processor		
<b>Panda</b>		Eeprom		
<b>Punto</b>	2000 Version 1	Soldering contacts		
	2000 Version 2	Soldering contacts		
	2000 Version 3	Soldering contacts		
	2001 Version 1	Soldering contacts		
	2001 Version 2	Soldering contacts		
	2001 Version 3	Soldering contacts		
	2002 Nec	Eeprom		
	2003 Nec	Eeprom		
	CAN	Cluster-Plug		
<b>Scudo</b>	Version 1	Processor		
	Version 2	Processor		
<b>Seicento</b>	NEC	Processor		
<b>Stilo</b>	912	Soldering contacts		
<b>Tempra</b>	Tempra	Eeprom		
	Borg	Eeprom		
	Veglia	Eeprom		
<b>Tipo</b>	Borg	Eeprom		
	Veglia	Eeprom		
<b>Ulysse</b>		Processor		
	2004 - 3 modules	Eeprom/Soldering contacts		

<b>Ford</b>	<b>Cougar</b>		Processor		
	<b>Connect</b>		Soldering contacts		
	<b>Escort</b>	Version 1	Soldering contacts		
		Version 2	Soldering contacts		
	<b>Fiesta</b>	Version 1	Soldering contacts		
		Version 2	Soldering contacts		
		Model 2002	Eeprom		
	<b>Focus</b>	Version 1	Cluster-Plug		
		Version 2	Cluster-Plug		
		Model 2003	Eeprom		
	<b>Focus RS</b>		Soldering contacts		
	<b>Fusion</b>		Eeprom		
	<b>Galaxy</b>	before Model 2001	Diagnosis-Plug		
		since Model 2001 Version 1	Eeprom		
		since Model 2001 Version 2	Eeprom		
		since Model 2001 Version 1+2	Diagnosis-Plug		
		since Model 2002	Diagnosis-Plug		
	<b>Maverick</b>		Processor		



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	Mondeo		Soldering contacts		
	Puma		Soldering contacts		
	Ranger		Soldering contacts		
	Scorpio		Cluster-Plug		
	Transit	-2003	Eeprom		
		2003	Eeprom		
<b>GMC</b>	Seville STS		Eeprom		
<b>Harley-Davidson</b>	alle	Model 2001	Eeprom		
	alle	Model 2002	Eeprom		
<b>Hyunday</b>	Santa Fe	Version 1	Eeprom		
		Version 2	Eeprom		
	Coupe		Eeprom		
	Getz		Eeprom		
	Accent		Eeprom		
	Matrix		Eeprom		
	XG 30		Eeprom		
<b>Honda</b>	Accord		Eeprom		
		705 Processor	Processor		
		2003	Soldering contacts		
	Civic		Eeprom		
	CRV		Eeprom		
	Fireblade		Eeprom		
	HRV		Eeprom		
	Jazz		Eeprom		
	Legend		Eeprom		
	Logo		Eeprom		
	Shuttle		Eeprom		
	Stream		Eeprom		
	S2000		Eeprom		
	VFR 800		Eeprom		
	VFR 1000		Eeprom		
	VT 1100		Eeprom		
<b>Isuzu</b>	Trooper		Eeprom		
	Pickup		Eeprom		
<b>Iveco</b>	Daily		Eeprom		
<b>Jaguar</b>	Daimler/XJ	11DU Version 1	Cluster-Plug		
		11DU Version 2	Cluster-Plug		
		11DU Version 3	Cluster-Plug		
	XK8	before 2000	Soldering contacts		
		since 2000	Soldering contacts		
		since 2003	Processor		
	X-Type	Version 1	Soldering contacts		
		Version 2	Soldering contacts		
	S-Type				
		Model 2003	Processor		

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<b>Kawasaki</b>	GPZ 600		Eeprom		
	ZX 6		Eeprom		
	ZX 6R		Eeprom		
		2003	Eeprom		
	ZX 9		Eeprom		
	ZX 9R		Eeprom		
	ZX 12R		Eeprom		

<b>Kia</b>	Carens		Eeprom		
	Carnival		Eeprom		
	Rio		Eeprom		
	Sportage		Eeprom		
	Sorento		Eeprom		

<b>Lancia</b>	Kappa		Soldering contacts		
	Lybra	Version 1	Soldering contacts		
		Version 2	Soldering contacts		
		Version 3	Soldering contacts		
	Y	Version 1	Soldering contacts		
		Version 2	Soldering contacts		
		Version 3	Soldering contacts		
		Version 4	Processor		
		Version 5 SC51 Processor	Processor		

<b>Lexus</b>	GS 300		Eeprom		
	Harrier Jeep		Eeprom		
	IS 200		Eeprom		
	LS 200		Eeprom		
	LS 300		Eeprom		
	LS 400		Eeprom		
	LX 470		Eeprom		
		Model 2002	Eeprom		
	RX 300		Eeprom		
	SC 400		Eeprom		

<b>Landrover</b>	Defender		Eeprom		
	Discovery	before 6/2001	Processor		
		since 6/2001	Processor		
	Freelander	UKNSI+C567	Eeprom		
		VDO 2002	Eeprom		
	Range Rover	Model 2002	Eeprom		
	TD 5	before 6/2001	Processor		
since 6/2001		Processor			

<b>Lincoln</b>	Towncar		Processor	Auf Anfrage	
		1995	Processor		
		before 1999	Processor		
		since 1999	Processor		

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<b>MAN</b>	Truck	without tachograph	Eeprom		
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<b>Mazda</b>	121		Eeprom		
	323	Version 1	Eeprom		
		Version 2	Eeprom		
		Version 3	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		
	Tribute		Processor		
Xedos 9		Eeprom			

<b>Mercedes</b>	A-Klasse	before Model 2000	Diagnosis-Plug		
		since Model 2000	Cluster-Plug		
		since Model 2000	Diagnosis-Plug		
	C-Klasse (W202)	VDO – 9/1995	Eeprom		
		VDO -9/1995	Cluster-Plug		
		MotoMeter – 9/1995	Eeprom		
		MotoMeter – 9/1995	Cluster-Plug		
		9/1995 -4/1998 Version 1	Eeprom		
		9/1995 -4/1998 Version 2	Eeprom		
		9/1995 -4/1998 Version 1+2	Diagnosis-Plug		
		since 4/1998	Eeprom		
		since 4/1998	Diagnosis-Plug		
		C-Klasse (W203)	Cluster	Eeprom	
	Cluster		Cluster-Plug		
	Ignition lock Version 1		Processor		
	Ignition lock Version2		Processor		
	Ignition lock since 5/2001		Processor		
	Flash cluster		Cluster-Plug		
	CL (W140)		before 6/1996	Eeprom	
		before 6/1996	Cluster-Plug		
		6/1996 –4/1998 Version 1	Eeprom		
		6/1996 –4/1998 Version 2	Eeprom		

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	6/1996 –4/1998 Version 1+2	Diagnosis-Plug		
	since 4/1998	Eeprom		
	since 4/1998	Diagnosis-Plug		
<b>CL (W215)</b>	before 2000	Eeprom		
	before 5/2001	Eeprom		
	Ignition lock since 5/2001 Version 1	Processor		
	Ignition lock since 5/2001 Version 2	Processor		
	Ignition lock Model 2002	Processor		
	Service-Display	Eeprom		
<b>CLK</b>	before 4/1998 Version 1	Eeprom		
	before 4/1998 Version 2	Eeprom		
	before 4/1998 Version 1+2	Diagnosis-Plug		
	4/1998 –7/1999	Eeprom		
	4/1998 –7/1999	Diagnosis-Plug		
	since 7/1999	Eeprom		
	since 7/1999	Diagnosis-Plug		
<b>E-Klasse</b>	before 4/1998 Version 1	Eeprom		
	before 4/1998 Version 2	Eeprom		
	before 4/1998 Version 1+2	Diagnosis-Plug		
	4/1998 –7/1999	Eeprom		
	4/1998 –7/1999	Diagnosis-Plug		
	since 7/1999	Eeprom		
	since 7/1999	Diagnosis-Plug		
	W211	Cluster-Plug		
<b>G-Klasse</b>		Eeprom		
		Diagnosis-Plug		
<b>M-Klasse</b>		Eeprom		
		Diagnosis-Plug		
<b>S-Klasse (W140)</b>	before 6/1996	Eeprom		
	before 6/1996	Cluster-Plug		
	6/1996 –4/1998 Version 1	Eeprom		
	6/1996 –4/1998 Version 2	Eeprom		
	6/1996 –4/1998 Version 1+2	Diagnosis-Plug		
	since 4/1998	Eeprom		
	since 4/1998	Diagnosis-Plug		
<b>S-Klasse (W220)</b>	before 2000	Eeprom		
	before 5/2001	Eeprom		
	Ignition lock since 5/2001 Version 1	Processor		
	Ignition lock since 5/2001 Version 2	Processor		
	Ignition lock Model 2002	Processor		

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	Service-Display	Eeprom		
<b>SL (R129)</b>	before 6/1996	Eeprom		
	before 6/1996	Cluster-Plug		
	6/1996 –4/1998 Version 1	Eeprom		
	6/1996 –4/1998 Version 2	Eeprom		
	6/1996 –4/1998 Version 1+2	Diagnosis-Plug		
	since 4/1998	Eeprom		
	since 4/1998	Diagnosis-Plug		
<b>SL (R230)</b>	cluster	Eeprom		
	Ignition lock	Processor		
	Ignition lock Model 2002	Processor		
<b>SLK</b>	before 4/1998 Version 1	Eeprom		
	before 4/1998 Version 2	Eeprom		
	before 4/1998 Version 1+2	Diagnosis-Plug		
	since 4/1998	Eeprom		
	since 4/1998	Diagnosis-Plug		
<b>Sprinter</b>	VDO before 1999 Version 1	Eeprom		
	VDO before 1999 Version 2	Eeprom		
	VDO before 1999 Version 1+2	Cluster-Plug		
<b>Working hours</b>	VDO before 1999	Eeprom		
	VDO since 2000	Eeprom		
	Kienzle before 1999	Eeprom		
		Diagnosis-Plug		
	Kienzle since 2000	Eeprom		
	Magneti Marelli Version 1	Processor		
	Magneti Marelli Version 2	Processor		
	Magneti Marelli	Diagnosis-Plug		
<b>Vito</b>	VDO before 1999 Version 1	Eeprom Version 1		
	VDO before 1999 Version 2	Eeprom Version 2		
	VDO before 1999 Version 1+2	Cluster-Plug		
<b>Betriebsstunden</b>	VDO before 1999	Eeprom		
	VDO since 2000	Eeprom		
	Magneti Marelli Version 1	Processor		
	Magneti Marelli Version 2	Processor		
	Magneti Marelli	Diagnosis-Plug		
	2004 cluster + Ignition lock	Eeprom + Soldering contacts		
<b>Service-Display</b>	all models before 4/1998	Diagnosis-Plug		
	all models since 4/1998	Diagnosis-Plug		

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<b>Mitsubishi</b>	<b>Spacegear</b>		Eeprom		
		Yazaki	Eeprom		
	<b>Spacewagon</b>		Eeprom		
	<b>Spacestar</b>		Eeprom		
	<b>Spacerunner</b>		Eeprom		
	<b>Charisma</b>		Eeprom		
	<b>Colt</b>		Eeprom		
	<b>Lancer</b>		Eeprom		
	<b>Outlander</b>		Eeprom		
	<b>Pajero</b>	Version 1	Eeprom		
		Version 2	Eeprom		
	<b>Pinin</b>		Eeprom		
	<b>Shogun</b>	Version 1	Eeprom		
		Version 2	Eeprom		

<b>Nissan</b>	<b>Almera</b>	before Model 1999	Eeprom		
		Model 2000 Version 1	Eeprom		
		Model 2000 Version 2	Eeprom		
		Model 2001	Eeprom		
	<b>Cabstar</b>		Soldering contacts		
	<b>Infinity</b>		Eeprom		
	<b>Maxima</b>	before Model 1999	Eeprom		
		since Model 2000	Eeprom		
	<b>Micra</b>	before 2002	Eeprom		
		since 2003	Eeprom		
	<b>Primera</b>	before Model 1999	Eeprom		
		Model 1999	Eeprom		
		Model 2000	Eeprom		
		Model 2001	Eeprom		
	<b>Patrol</b>		Eeprom		
	<b>Pickup</b>		Eeprom		
		Model 2002	Eeprom		
		Model 2003	Eeprom		
	<b>Nawaro</b>		Eeprom		
	<b>Pathfinder</b>	before Model 2000	Eeprom		
		since Model 2000	Eeprom		
	<b>Skyline</b>		Eeprom		
	<b>Xtrail</b>		Eeprom		
	<b>Terrano</b>		Eeprom		
		Model 2002	Eeprom		
	<b>350 ZX</b>		Eeprom		

<b>Opel</b>	<b>Astra</b>	VDO	Eeprom		
		VDO	Diagnosis-Plug		
		VDO Model 2002	Diagnosis-Plug		
		TRW	Eeprom		
		Model 2004	Eeprom		
	<b>Corsa</b>		Diagnosis-Plug		

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<b>Combo</b>		Diagnosis-Plug		
<b>Frontera</b>	VDO	Eeprom		
	VDO	Diagnosis-Plug		
	TRW	Eeprom		
	Delco	Eeprom		
<b>Vectra</b>	VDO before 3/1999	Eeprom		
	VDO before 3/1999	Diagnosis-Plug		
	VDO since 3/1999	Eeprom		
	VDO since 3/1999	Diagnosis-Plug		
	Model 2002	Eeprom		
<b>Meriva</b>		Diagnosis-Plug		
<b>Monterey</b>		Eeprom		
<b>Movano</b>		Eeprom		
<b>Omega</b>		Eeprom		
<b>Signum</b>		Eeprom		
<b>Vivaro</b>		Eeprom		
<b>Zafira</b>	VDO	Eeprom		
	VDO	Diagnosis-Plug		
	VDO Model 2002	Diagnosis-Plug		
	TRW	Eeprom		

<b>Peugeot</b>				
<b>106</b>		Cluster-Plug		
<b>206</b>	before 2001	Processor		
	before 2001	Cluster-Plug		
	Service -2001	Cluster-Plug		
	Nec 2002 cluster + BCU	Eeprom		
	Nec 2003 cluster + BCU	Eeprom		
	BCU Autodetect			
<b>306</b>	Version 1	Eeprom		
	Version 2	Eeprom		
<b>306</b>		Cluster-Plug		
<b>307</b>	V1	Soldering contacts		
	V2	Soldering contacts		
	V3	Soldering contacts		
	2003	Eeprom		
<b>406</b>	Sagem	Eeprom		
	Jaeger	Processor		
	VDO Version 1 cluster + BCU	Eeprom		
	VDO Version 2 cluster + BCU	Eeprom		
	VDO Version 3 cluster + BCU	Eeprom		
	BCU 95040	Eeprom		
<b>607</b>	Tacho + BCU	Eeprom		
		Cluster-Plug		
<b>806</b>		Processor		
		Cluster-Plug		
<b>807</b>	3 modules	Eeprom + Soldering contacts		
<b>Boxer</b>		Eeprom		

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	Expert		Processor		
<b>Porsche</b>	928		Eeprom		
	996	before Model 2000	Eeprom		
		before Model 2000	Diagnosis-Plug		
		since Model 2000	Eeprom		
		BCU since 2000	Eeprom		
	<b>Boxster</b>	before Model 2000	Eeprom		
		before Model 2000	Diagnosis-Plug		
		since Model 2000	Eeprom		
	<b>Cayenne</b>		Eeprom		
	<b>Turbo</b>		Eeprom		
<b>Renault</b>	<b>Clio</b>	Sagem before Model 1999	Eeprom		
		Sagem since Model 1999	Additional information		
		Sagem 2002 (NEC)	Eeprom		
		Jaeger	Eeprom		
		Jaeger 908	Processor		
		Jaeger 908	Cluster-Plug		
	<b>Espace</b>	since Model 2000 cluster + BCU Version 1	Processor		
		since Model 2000 cluster + BCU Version 2	Processor		
		2003 V1	Eeprom		
		2003 V2	Eeprom		
	<b>Kangoo</b>		Eeprom		
		908	Processor		
		908	Cluster-Plug		
		since Model 2003	Eeprom		
	<b>Laguna</b>	Sagem	Eeprom		
	<b>Laguna 2001</b>	908	Processor		
		912	Soldering contacts		
	<b>Master</b>		Eeprom		
	<b>Megane</b>	Sagem before Model 1999 Version 1	Eeprom		
		Sagem before Model 1999 Version 2	Eeprom		
		Sagem since Model 1999	Additional information		
		Sagem 2002 (NEC)	Eeprom		
		Jaeger	Processor		
		Jaeger 908	Processor		
		Jaeger 908	Cluster-Plug		
		Visteon V1	Eeprom		
		Visteon V2	Eeprom		
		Sagem 2004	Eeprom		



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	<b>Scenic</b>	Sagem before Model 1999 Version 1	Eeprom		
		Sagem before Model 1999 Version 2	Eeprom		
		Sagem since Model 1999	Additional information		
		Sagem 2002 (NEC)	Eeprom		
		Jaeger	Processor		
		Jaeger 908	Processor		
		Jaeger 908	Cluster-Plug		
		Visteon	Eeprom		
	<b>Safrane</b>	Version 1	Eeprom		
		Version 2	Eeprom		
		Version 3	Eeprom		
		Version 4	Eeprom		
	<b>Twingo</b>	VDO before Model 2000	Processor		
		VDO since Model 2001	Processor		
		Borg before Model 2000	Processor		
		Borg since Model 2001	Processor		
	<b>Traffic</b>		Eeprom		
	<b>Vel Satis</b>		Soldering contacts		
<b>Rover</b>	<b>25</b>		Eeprom		
	<b>45</b>		Eeprom		
	<b>75</b>		Eeprom		
	<b>Minicooper</b>	Cluster + LKM	Soldering contacts		
	<b>MGF</b>		Eeprom		
<b>Saab</b>	<b>93</b>	Version 1	Eeprom		
		Version 2	Eeprom		
		Model 2003	Eeprom		
	<b>95</b>	Version 1	Eeprom		
		Version 2	Eeprom		
<b>Seat</b>	<b>All models</b>	are identically	with Volkswagen!		
	<b>Toledo</b>	Model 2002	Eeprom		
	<b>Leon 2002</b>		Eeprom		
	<b>Ibiza</b>	TRW 2003	Eeprom		
		Model 2002 VDO	Diagnosis-Plug		
		Model 2002 VDO	Eeprom		
<b>Skoda</b>	<b>All models</b>	are identically	with Volkswagen!		
<b>Smart</b>	<b>Smart</b>		Eeprom + Processor		
	<b>Roadster</b>		Eeprom + Soldering contacts		
<b>Subaru</b>	<b>Forester</b>		Eeprom		
		Model 2002	Eeprom		

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	2003	Eeprom		
Impreza	before 2002	Eeprom		
	since 2002	Eeprom		
Legacy		Eeprom		
	Model 2004	Eeprom		
Outback				
	2003	Eeprom		
	2004	2X Eeprom		

<b>Suzuki</b>	GSX-R 750		Eeprom	
	GSX-R1000		Eeprom	
	Bandit		Eeprom	
	Burgmann		Eeprom	
	Hayabusa		Eeprom	
	Ignis		Eeprom	
	Jimny	Maneti Marelli 908	Processor	
	Jimny	Denso	Eeprom	
	Liana		Eeprom	
	TL 1000		Eeprom	
	Vitara		Eeprom	
	XF 650		Eeprom	

<b>Toyota</b>	Avenis		Eeprom	
		2003	Eeprom	
	Picnic		Eeprom	
	Camry		Eeprom	
	Celica		Eeprom	
	Hiace		Eeprom	
	HJ100		Eeprom	
	RAV 4		Eeprom	
	Yaris		Eeprom	
		Model 2003	Eeprom	
	Corolla		Eeprom	
		Model 2002	Eeprom	
	Corolla Verso		Eeprom	
	Landcruiser	Version 1	Eeprom	
		Version 2	Eeprom	
		Model 2001	Eeprom	
		Model 2002	Eeprom	
	Previa		Eeprom	
	Prius		Eeprom	
	Prado		Eeprom	
MR 2		Eeprom		

<b>Volvo</b>	V40/S40		Eeprom	
	S60	912 80 Pin	Processor	
		912 112 Pin	Processor	
	V70/S70	Before Model 1999	Eeprom	
		since Model 1999 (908)	Processor	
		since Model 2001 (912) 80	Processor	

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	Pin			
	since Model 2001 (912) 112 Pin	Processor		
<b>S80</b>	908	Processor		
	912 80 Pin	Processor		
	912 112 Pin	Processor		
<b>850</b>	Version 1	Eeprom		
	Version 2	Eeprom		
	Version 3	Eeprom		
	Version 4	Eeprom		
<b>960</b>		Eeprom		

Volkswagen					
<b>Golf 3</b>	VDO Version 1	Eeprom			
	VDO Version 1	Cluster-Plug			
	VDO Version 2	Eeprom			
	MM SW 4.0 –6.4	Eeprom			
	MM SW 4.0 –6.4	Cluster-Plug			
	MM SW 3.0 –3.1	Eeprom			
	TRW	Eeprom			
	<b>Golf 4</b>	VDO before 2001 Version 1	Eeprom		
		VDO before 2001 Version 2	Eeprom		
		VDO before 2001	Diagnosis-Plug		
		MotoMeter before 2001 Version 1	Eeprom		
		MotoMeter before 2001 Version 2	Eeprom		
		MotoMeter before 2001	Diagnosis-Plug		
		VDO since 2001	Eeprom		
		VDO since 2001	Diagnosis-Plug		
		MotoMeter since 2001	Eeprom		
		MotoMeter since 2001	Diagnosis-Plug		
		VDO since 2002	Eeprom		
		VDO since 2002	Diagnosis-Plug		
	MotoMeter since 2002	Eeprom			
	MotoMeter since 2002	Diagnosis-Plug			
	<b>Golf 5</b>		Eeprom		
	<b>Gol</b>	South-America	Eeprom		
	<b>Bora</b>	VDO before 2001 Version 1	Eeprom		
		VDO before 2001 Version 2	Eeprom		
		VDO before 2001	Diagnosis-Plug		
		MotoMeter before 2001 Version 1	Eeprom		
MotoMeter before 2001 Versoin 2		Eeprom			
MotoMeter before 2001		Diagnosis-Plug			
VDO since 2001		Eeprom			

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	VDO since 2001	Diagnosis-Plug		
	MotoMeter since 2001	Eeprom		
	MotoMeter since 2001	Diagnosis-Plug		
	VDO since 2002	Eeprom		
	VDO since 2002	Diagnosis-Plug		
	MotoMeter since 2002	Eeprom		
	MotoMeter since 2002	Diagnosis-Plug		
<b>Corrado</b>	VDO	Eeprom		
	VD202	Eeprom		
	MotoMeter	Eeprom		
	MotoMeter SW 1.3-1.8	Eeprom		
	MotoMeter SW 1.3-1.8	Cluster-Plug		
<b>Passat B3</b>	VDO	Eeprom		
	VD202	Eeprom		
	MotoMeter	Eeprom		
	MotoMeter	Cluster-Plug		
	MotoMeter SW 1.3-1.8	Eeprom		
	MotoMeter SW 1.3-1.8	Cluster-Plug		
<b>Passat B5</b>	Magneti Marelli	Diagnosis-Plug		
	VDO Version 1	Eeprom		
	VDO Version 1	Diagnosis-Plug		
	VDO Version 2	Eeprom		
	VDO Version 2	Diagnosis-Plug		
	MotoMeter	Eeprom		
	MotoMeter	Diagnosis-Plug		
<b>Passat B6</b>	VDO Version 1	Eeprom		
	VDO Version 2	Eeprom		
	MotoMeter 2003	Eeprom		
	VDO alle	Diagnosis-Plug		
	MotoMeter 2003	Diagnosis-Plug		
<b>T4</b>	before 10/1998	Eeprom		
	before 10/1998	Cluster-Plug		
	since 10/1998	Eeprom		
	since 10/1998	Diagnosis-Plug		
	Model 2002	Diagnosis-Plug		
<b>Sharan</b>	before Model 2001	Diagnosis-Plug		
	since Model 2001 Version 1	Eeprom		
	since Model 2001 Version 2	Eeprom		
	since Model 2001	Diagnosis-Plug		
	since Model 2002	Diagnosis-Plug		
<b>New Beetle</b>	before Model 2001	Diagnosis-Plug		
	since Model 2001 Version 1	Cluster-Plug		
	since Model 2001 Version 2	Cluster-Plug		

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	since Model 2001 Version 3	Cluster-Plug		
<b>Lupo</b>	Version 1	Eeprom		
	Version 2	Eeprom		
		Diagnosis-Plug		
<b>Polo</b>	VDO Version 1	Eeprom		
	VDO Version 1	Cluster-Plug		
	VDO Version 2	Eeprom		
	MM SW 4.0 –6.4	Eeprom		
	MM SW 4.0 –6.4	Cluster-Plug		
	MM SW 3.0 –3.1	Eeprom		
	since Model 1998	Eeprom		
	since Model 1998	Diagnosis-Plug		
	TRW	Eeprom		
	TRW 2000	Eeprom		
	VDO 2002	Eeprom		
VDO 2002	Diagnosis-Plug			
TRW 24C08	Eeprom			
<b>Caddy</b>	VDO Version 1	Eeprom		
	VDO Version 1	Cluster-Plug		
	VDO Version 2	Eeprom		
	MM SW 4.0 –6.4	Eeprom		
	MM SW 4.0 –6.4	Cluster-Plug		
	MM SW 3.0 –3.1	Eeprom		
TRW	Eeprom			
<b>Vento</b>	VDO Version 1	Eeprom		
	VDO Version 1	Cluster-Plug		
	VDO Version 2	Eeprom		
	MM SW 4.0 –6.4	Eeprom		
	MM SW 4.0 –6.4	Cluster-Plug		
	MM SW 3.0 –3.1	Eeprom		
TRW				
<b>LT</b>	VDO before 1999 Version 1	Eeprom		
	VDO before 1999 Version 2	Eeprom		
		Cluster-Plug		
	VDO since 2000	Eeprom		
	Kienzle before 1999	Eeprom		
		Diagnosis-Plug		
	Magneti Marelli Version 1	Processor		
	Magneti Marelli Version 2	Processor		
<b>Phaeton</b>	V1	Eeprom		
	V2			
<b>Touareg</b>		Eeprom		
<b>Touran</b>		Eeprom		
<b>Service</b>	all models	Diagnosis-Plug		
<b>Service</b>	CAN Models	Diagnosis-Plug		
<b>1551</b>	erasing the error memory CAN	Diagnosis-Plug		

## TACHO-UNIVERSAL

<b>Yamaha</b>	Drag Star		Eeprom		
	Wild Star		Eeprom		
	Phaser		Eeprom		
	T-Max		Eeprom		
	YZF- R1		Eeprom		
	YZF- R6		Eeprom		

**The BMW-Kit for the BMW professional**

<b>Additional module for BMW Programming E46, E38, E39, X5</b>	
Light-Module	Programming about Processor for 912er processors
Light-Module	Programming with Diagnosis-Plug before 912 processors
EWS Module	Erasing about plug
EWS Module	exakte Programmierung über Stecker
Keys	Read out with Keyreader
Keys	Programming
KM-Check	Reading of the values from the cluster, Light-module + EWS with Diagnosis-Plug
TV-Unlocking	Activation of the TV Function (watch TV while you drive) for MK III Systems with Diagnosis-Plug - unlocking BMW TV also works on new Range Rover and Rover 75