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.

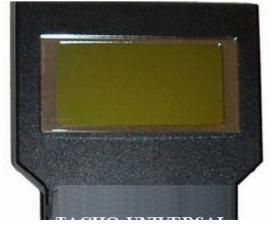
These versions you can supplement at will with other models.

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)





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

 ACHO-UNIVERSAL	 	

Manufacturer	Model	Version	Method	V1	V2
Alfa Romeo	145	old	Processor		
		new	Processor		1
	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		
		VDO Model 2002	Diagnosis-Plug		
	A3/S3	VDO Model 2002	Eeprom		
		VDO	Diagnosis-Plug		
		UKNSI	Eeprom		
		VDO since 2000	Eeprom		
		VDO shice 2000 VDO ab2000	Cluster-Plug		
		VDO since 2000	Diagnosis-Plug		
		Jaeger before	Cluster-Plug		
		6/2001	,		
		Jaeger before 6/2001	Cluster-Plug		
		Jaeger since	Cluster-Plug		
		7/2001	Diamania Diam		
		Jaeger	Diagnosis-Plug		
		VDO Model 2002	Eeprom		
	A4/S4	VDO Model 2002	Diagnosis-Plug direkt		
	A4/54	VDO old VDO old			
		VDO old MFA	Diagnosis-Plug Eeprom		
		VDO old MFA	Diagnosis-Plug		
		Version 1	Diagnosis-Flug		
		VDO old MFA Version 2	Diagnosis-Plug		
		VDO new	Eeprom		
		VDO new	Diagnosis-Plug		
		UKNSI old	Eeprom		
		UKNSI new	Eeprom		
		UKNSI 2	Eeprom		
		Eeproms VDO since 2000	Eeprom		
		VDO since 2000	Cluster-Plug		
		VDO since 2000	Diagnosis-Plug		
		Jaeger	Cluster-Plug		
		Jaeger before	Cluster-Plug		
		6/2001	,		
		Jaeger	Diagnosis-Plug		
		Bosch 2001	Eeprom		
		Bosch 2001	Diagnosis-Plug		

	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 Verson 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	

Citroen

l	low SW 16	Diagnosis-Plug		
	low since SW 17	Soldering contacts		
	without eeprom replacing			
	high + IKE	Eeprom		+
	high + IKE	Diagnosis-Plug		
	high - IKE	Cluster-Plug		
	high – IKE SW	Soldering contacts		
	13	· ·		
	high – IKE since SW 14 without	Soldering contacts		
	eeprom replacing			
7er E32	Codeplug brown	Eeprom		+
	Codeplug blue	Eeprom		
	Codeplug green	Eeprom		
7er E38	low	Eeprom		
	low	Diagnosis-Plug		
	low SW 15	Diagnosis-Plug		+
	low SW 16	Diagnosis-Plug		
	low since SW 17	Soldering contacts		
	without eeprom	Soldering contacts		
	replacing			
	high + IKE	Eeprom		
	high + IKE	Diagnosis-Plug		
	high - IKE	Cluster-Plug		
	high – IKE SW 13	Soldering contacts		
	high – IKE since	Soldering contacts		
	SW 14 without			
	eeprom replacing			
8er E31		Eeprom		
		Diagnosis-Plug		
Z3	SW 20	Cluster-Plug		
	SW 6+7	Cluster-Plug		
	SW 9+10	Eeprom		
	SW 9+10	Cluster-Plug		
Х3		Eeprom		
X5	high – IKE SW	Soldering contacts		
	13 high – IKE since	Soldering contacts		
	SW 14 without			
	eeprom replacing			
Z8		Eeprom		
TV-Unlocking	MK I + MK II (before 1999)	Manual		
	MK III (since 2000)	Diagnosis-Plug		
F650 GS		Eeprom		
C1		Eeprom		
	-		•	•
Xsara		Eeprom		
Xsantia		Eeprom		
Berlingo	2003 cluster +	Eeprom		
•	BSI	·		
C3	11 11000100	Eeprom		
C5	Model 2001 BSI	Soldering contacts		
	Model 2002	Soldering contacts	1	
C5	cluster + BSI BSI Valeo	Eeprom		

Dispatch Processor Evasion Processor Jumper Eeprom Jumpy V1 Processor V2 Processor Picasso 2004 cluster + Eeprom Eeprom		Dispatch		contacts	
Jumpy				Processor	
Jumpy		Evasion		Processor	
V2		Jumper		Eeprom	
Picasso 2004 cluster + Eeprom		Jumpy	V1	Processor	
Saxo Cluster-Plug Processor Cagiva Raptor Eeprom Chrysler Cherokee Eeprom Model 2002 Soldering contacts Model 2003 Soldering contacts Diagnosis-Plug Grand Cherokee before 3/1999 Diagnosis-Plug since 2002 (912) Soldering contacts Neon Soldering contacts Neon Soldering contacts PT Cruiser Processor Model 2002 Soldering contacts PT Cruiser Processor Model 2002 Soldering contacts PT Cruiser Processor Model 2002 Soldering contacts (912) Stratus before 1999 Diagnosis-Plug Wrangler Eeprom Voyager before 1999 Diagnosis-Plug Since 1999 Diagnosis-Plug Model 2002 Soldering contacts Diagnosis-Plug Model 2002 Soldering contacts Soldering contacts Soldering contacts Diagnosis-Plug Model 2002 Soldering contacts Soldering contacts Diagnosis-Plug Model 2002 Soldering contacts Soldering contacts Diagnosis-Plug Diagnosis-Plug Diagnosis-Plug Model 2002 Soldering contacts Soldering contacts Diagnosis-Plug			V2	Processor	
Synergie		Picasso		Eeprom	
Cagiva		Saxo		Cluster-Plug	
Chrysler Cherokee Eeprom Model 2002 Soldering contacts Model 2003 Soldering contacts Diagnosis-Plug Grand Cherokee before 3/1999 Diagnosis-Plug 4/1999 - 2002 Cluster-Plug since 2002 (912) Soldering contacts PT Cruiser Processor Model 2002 Soldering contacts PT Cruiser Processor Model 2002 Soldering contacts (912) Stratus before 1999 Diagnosis-Plug Wrangler Eeprom Voyager before 1999 Diagnosis-Plug since 1999 Diagnosis-Plug Model 2002 Soldering contacts Stratus Stratus Soldering contacts (912) Stratus Stratus Soldering contacts (912) Stratus Soldering contacts (912) Stratus Diagnosis-Plug Model 2002 Soldering contacts Soldering contacts Diagnosis-Plug Eeprom Diagnosis-Plug Eeprom Daihatsu VRV Eeprom		Synergie		Processor	
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Model 2002 Soldering contacts Model 2003 Soldering contacts Crossfire Diagnosis-Plug Grand Cherokee before 3/1999 Diagnosis-Plug 4/1999 - 2002 Cluster-Plug since 2002 (912) Soldering contacts Neon Soldering contacts PT Cruiser Processor Model 2002 Soldering contacts (912) Stratus before 1999 Diagnosis-Plug Wrangler Eeprom Voyager before 1999 Diagnosis-Plug since 1999 Diagnosis-Plug Model 2002 Soldering contacts Diagnosis-Plug Model 2002 Soldering contacts (912) SRI-Speicher all models Diagnosis-Plug Eeprom	Observators	Observations	1		
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PT Cruiser			since 2002 (912)	Soldering contacts	
Model 2002 Soldering contacts		Neon		Soldering contacts	
Stratus		PT Cruiser		Processor	
Since 1999 Diagnosis-Plug Wrangler Eeprom Voyager before 1999 Diagnosis-Plug since 1999 Diagnosis-Plug Model 2002 Soldering contacts (912) SRI-Speicher all models Diagnosis-Plug Daihatsu YRV Eeprom				Soldering contacts	
Wrangler Eeprom Voyager before 1999 Diagnosis-Plug since 1999 Diagnosis-Plug Model 2002 Soldering contacts (912) SRI-Speicher all models Diagnosis-Plug Daihatsu YRV Eeprom		Stratus	before 1999	Diagnosis-Plug	
Voyager before 1999 Diagnosis-Plug since 1999 Diagnosis-Plug Model 2002 Soldering contacts (912) SRI-Speicher all models Diagnosis-Plug Daihatsu YRV Eeprom			since 1999	Diagnosis-Plug	
since 1999 Diagnosis-Plug Model 2002 (912) SRI-Speicher all models Diagnosis-Plug Daihatsu YRV Eeprom		Wrangler		Eeprom	
Model 2002 (912) Soldering contacts (912) SRI-Speicher all models Diagnosis-Plug Daihatsu YRV Eeprom		Voyager	before 1999	Diagnosis-Plug	
SRI-Speicher all models Diagnosis-Plug Daihatsu YRV Eeprom			since 1999	Diagnosis-Plug	
Daihatsu YRV Eeprom				Soldering contacts	
· ·		SRI-Speicher	all models	Diagnosis-Plug	
· ·					
Terios Eeprom	Daihatsu	YRV		Eeprom	
		Terios		Eeprom	
		•			•
Ferrari 360 Modena Eeprom	Ferrari	360 Modena		Eeprom	
550 Maranello Eeprom		550 Maranello		Eeprom	
		_	Lon		
Fiat Brava ST Processor	Fiat	Brava			
Custom Processor					
908 Version 1 Processor					
908 Version 2 Processor					
UKNSI Eeprom				·	
Bravo ST Processor		Bravo			
Custom Processor					
908 Version 1 Processor			908 Version 1	Processor	
908 Version 2 Processor					
UKNSI Eeprom			908 Version 2	Processor	
				Processor Eeprom	
Doblo Version 1 Processor		Doblo	908 Version 2 UKNSI Version 1	Eeprom Processor	
Deble		Doblo	908 Version 2 UKNSI Version 1 Version 2	Eeprom Processor Processor	

Ford

	_	_	_	
	2004	Eeprom		
Ducato	Nec 2002	Eeprom		
Marea	MM3S	Processor		
	C(QAF/OPT)	Processor		
	P(68H)	Processor		
Multipla		Eeprom		
	Model 2002	Eeprom		
Palio	Version 1	Processor		
	Version 2	Processor		
Panda		Eeprom		
Punto	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		
Scudo	Version 1	Processor		
	Version 2	Processor		
Seicento	NEC	Processor		
Stilo	912	Soldering contacts		
Tempra	Tempra	Eeprom		
	Borg	Eeprom		
	Veglia	Eeprom		
Tipo	Borg	Eeprom		
	Veglia	Eeprom		
Ulysse		Processor		
	2004 - 3 modules	Eeprom/Soldering		
		contacts		
Cougar		Processor		
Cougar				
Connect		Soldering contacts		
Escort	Version 1	Soldering contacts		
	Version 2	Soldering contacts		
Fiesta	Version 1	Soldering contacts		
	Version 2	Soldering contacts		
	Model 2002	Eeprom		
Focus	Version 1	Cluster-Plug		
	Version 2	Cluster-Plug		
	Model 2003	Eeprom		
Focus RS		Soldering contacts		
Fusion		Eeprom		
Galaxy	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		
Maverick		Processor		

Processor

Maverick

	Mondeo	1	Soldering contacts	
	Puma		Soldering contacts	
	Ranger		Soldering contacts	
	Scorpio		Cluster-Plug	
	Transit	-2003	Eeprom	
	Transit	2003	Eeprom	
		2000	Сергопі	
GMC	Seville STS	1	Eeprom	
			1	, ,
Harley-Davidson	alle	Model 2001	Eeprom	
, , , , , , , , , , , , , , , , , , , ,	alle	Model 2002	Eeprom	
	une	100001 2002	Соргоні	
Hyunday	Santa Fe	Version 1	Eeprom	
riyunuay	Santa Fe			
	0	Version 2	Eeprom	
	Coupe		Eeprom	
	Getz		Eeprom	
	Accent		Eeprom	
	Matrix		Eeprom	
	XG 30		Eeprom	
			-	
Honda	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	
	_	•	•	•
Isuzu	Trooper		Eeprom	
	Pickup		Eeprom	
	•			•
Iveco	Daily		Eeprom	
		•		
Jaguar	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	

ZX 6		_		Eeprom	1	
ZX 9		ZX 6		Eeprom		
ZX 9		ZX 6R		Eeprom		
ZX 9R			2003	Eeprom	<u> </u>	
Carens		ZX 9		Eeprom	1	
Carens		ZX 9R		Eeprom	<u> </u>	
Carnival Eeprom Rio Eeprom Ee		ZX 12R		Eeprom	 	
Carnival Eeprom Rio Eeprom Ee				-	ļ	J
Carnival Eeprom Rio Eeprom Ee	Kia	Carens		Feprom	1	
Rio	1 4 4			<u> </u>	 	
Sportage Eeprom Eeprom			+	·		
Sorento Eeprom			+	·		
Lancia Kappa Soldering contacts					_	
Lybra		Sorento		Lepioni	<u> </u>	
Lybra						
Version 2 Soldering contacts	Lancia					
Version 3 Soldering contacts		Lybra		-		
Y Version 1 Soldering contacts						
Version 2 Soldering contacts						
Version 3 Soldering contacts		Υ	Version 1	_		
Version 4 Processor			Version 2	Soldering contacts		
Version 5 SC51 Processor			Version 3	Soldering contacts		
Processor			Version 4	Processor		
Lexus GS 300 Eeprom				Processor		
Harrier Jeep Eeprom IS 200 Eeprom LS 200 Eeprom LS 300 Eeprom LS 400 Eeprom			Processor		_	
Harrier Jeep Eeprom IS 200 Eeprom LS 200 Eeprom LS 300 Eeprom LS 400 Eeprom					<u> </u>	<u> </u>
Harrier Jeep Eeprom IS 200 Eeprom LS 200 Eeprom LS 300 Eeprom LS 400 Eeprom		_			_	
IS 200	Lexus	GS 300		Eeprom		
LS 200		Harrier Jeep		Eeprom		
LS 300 Eeprom Eeprom		IS 200		Eeprom		
LS 400 Eeprom		LS 200		Eeprom		
		LS 300		Eeprom		
LX 470 Feorom		LS 400		Eeprom		
		LX 470		Eeprom		
Model 2002 Eeprom			Model 2002	Eeprom		
RX 300 Eeprom		RX 300		Eeprom		
SC 400 Eeprom		SC 400		Eeprom		
		•	-			
Landrover Defender Eeprom	Landrover	Defender		Eeprom		
Discovery before 6/2001 Processor		Discovery	before 6/2001	Processor		
since 6/2001 Processor			since 6/2001	Processor		
Freelander UKNSI+C567 Eeprom		Freelander	UKNSI+C567	Eeprom		
VDO 2002 Eeprom			VDO 2002	Eeprom		
		Range Rover	Model 2002	Eeprom	<u> </u>	
Range Rover Model 2002 Eeprom		TD 5	before 6/2001	Processor		
			since 6/2001	Processor	<u> </u>	
TD 5 before 6/2001 Processor				-	-	
TD 5 before 6/2001 Processor	Lincoln	Towncar	1	Processor	Auf Anfrage	
TD 5 before 6/2001 Processor since 6/2001 Processor			1995		- IIII ago	\vdash
TD 5 before 6/2001 Processor since 6/2001 Processor Lincoln Towncar Processor Auf Anfrage		1			_	\vdash
TD 5 before 6/2001 Processor			hefore 1999	Processor		
TD 5 before 6/2001 Processor since 6/2001 Processor Lincoln Towncar Processor Auf Anfrage						

MAN Truck	without tachograph	Eeprom	
Mazda 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	10	Eeprom	
Pickup B250	,,,	Eeprom	
Premacy Tribute		Eeprom Processor	
Xedos 9			
Xedos 9		Eeprom	
Mercedes A-Klasse	before Model 2000	Diagnosis-Plug	
	since Model 2000	Cluster-Plug	
	since Model 2000	Diagnosis-Plug	
C-Klasse (W		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 (W	(203) 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	

	6/1996 –4/1998	Diagnosis-Plug	
	Version 1+2		
	since 4/1998	Eeprom	
	since 4/1998	Diagnosis-Plug	
CL (W215)	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	
CLK	before 4/1998 Version 1	Eeprom	
	before 4/1998 Version 2	Eeprom Discossis Dhan	
	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	
E-Klasse	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	
G-Klasse		Eeprom	
		Diagnosis-Plug	
M-Klasse		Eeprom	
		Diagnosis-Plug	
S-Klasse (W140)	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	
S-Klasse (W220)	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	
SL (R129)	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	
SL (R230)	cluster	Eeprom	
	Ignition lock	Processor	
	Ignition lock Model 2002	Processor	
SLK	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	
Sprinter	VDO before 1999 Version 1	Eeprom	
	VDO before 1999 Version 2	Eeprom	
	VDO before 1999 Version 1+2	Cluster-Plug	
Working hours	VDO before 1999	Eeprom	
	VDO since 2000	Eeprom	
	Kienzle before 1999	Eeprom	
	1000	Diagnosis-Plug	
	Kienzle since	Eeprom	
	2000 Magneti Marelli Version 1	Processor	
	Magneti Marelli Version 2	Processor	
	Magneti Marelli	Diagnosis-Plug	
Vito	VDO before 1999 Version 1	Eeprom Version 1	
	VDO before 1999 Version 2	Eeprom Version 2	
	VDO before 1999 Version 1+2	Cluster-Plug	
Betriebsstunden	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	
Service-Display	all models before 4/1998	Diagnosis-Plug	
	all models since 4/1998	Diagnosis-Plug	
	•		

Mitsubishi	Spacegear		Eeprom		
		Yazaki	Eeprom	1	
	Spacewagon		Eeprom		
	Spacestar		Eeprom		
	Spacerunner		Eeprom		
	Charisma		Eeprom		
	Colt		Eeprom		
	Lancer		Eeprom		
	Outlander		Eeprom		
	Pajero	Version 1	Eeprom		
		Version 2	Eeprom		
	Pinin		Eeprom		
	Shogun	Version 1	Eeprom		
		Version 2	Eeprom		
Nisssan	Almera	before Model	Eeprom		
Hissail	Ailliciu	1999	Lepioni		
•		Model 2000 Version 1	Eeprom		
			F		
		Model 2000 Version 2	Eeprom		
		Model 2001	Eeprom		
	Cabstar		Soldering contacts		
	Infinity		Eeprom		
	Maxima	before Model	Eeprom		
		1999	·		
		since Model 2000	Eeprom		
	Micra	before 2002	Eeprom		
		since 2003	Eeprom		
	Primera	before Model	Eeprom		
		1999 Model 1999	Eeprom		
		Model 2000	Eeprom		
		Model 2001	Eeprom		
	Patrol		Eeprom		
	Pickup		Eeprom		
		Model 2002	Eeprom		
		Model 2003	Eeprom		
	Nawaro		Eeprom		
	Pathfinder	before Model	Eeprom		
		2000	,		
		since Model 2000	Eeprom		
	Skyline	2000	Eeprom		
	Xtrail		Eeprom		
	Terrano		Eeprom		
		Model 2002	Eeprom		
	350 ZX		Eeprom		
	L	l		-	
Opel	Astra	VDO	Eeprom		
		VDO	Diagnosis-Plug	1	
		VDO Model 2002	Diagnosis-Plug		
		TRW	Eeprom		
	-	Model 2004	Eeprom		
	Corsa		Diagnosis-Plug		
	20100		5.agiiooo-i lug		

	Diagnosis-Plug		
VDO	Eeprom		
VDO	Diagnosis-Plug		
TRW	Eeprom		
Delco	Eeprom		
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		
	Diagnosis-Plug		
	Eeprom		
VDO	Eeprom		
VDO	Diagnosis-Plug		
VDO Model 2002	Diagnosis-Plug		
TRW	Eeprom		
	VDO TRW Delco VDO before 3/1999 VDO before 3/1999 VDO since 3/1999 Model 2002 VDO VDO VDO VDO VDO VDO VDO Model 2002	VDO Eeprom VDO Diagnosis-Plug TRW Eeprom Delco Eeprom VDO before 3/1999 VDO before Diagnosis-Plug 3/1999 VDO since 3/1999 VDO since Diagnosis-Plug 3/1999 Model 2002 Eeprom Eeprom Eeprom Eeprom Eeprom Eeprom Eeprom Eeprom VDO Eeprom VDO Eeprom VDO Diagnosis-Plug VDO Diagnosis-Plug Diagnosis-Plug Diagnosis-Plug Diagnosis-Plug Diagnosis-Plug Diagnosis-Plug Diagnosis-Plug Diagnosis-Plug Diagnosis-Plug	VDO Eeprom VDO Diagnosis-Plug TRW Eeprom Delco Eeprom VDO before 3/1999 Diagnosis-Plug 3/1999 VDO since 3/1999 Diagnosis-Plug 3/1999 VDO since 3/1999 Diagnosis-Plug 3/1999 Model 2002 Eeprom Eeprom Eeprom Eeprom Eeprom Eeprom Eeprom VDO Eeprom VDO Eeprom VDO Diagnosis-Plug VDO Model 2002 Diagnosis-Plug

jeot	106		Cluster-Plug	
	206	before 2001	Processor	
		before 2001	Cluster-Plug	
		Service -2001	Cluster-Plug	
		Nec 2002 cluster + BCU	Eeprom	
		Nec 2003 cluster + BCU	Eeprom	
		BCU Autodetect		
	306	Version 1	Eeprom	
		Version 2	Eeprom	
	306		Cluster-Plug	
	307	V1	Soldering contacts	
		V2	Soldering contacts	
		V3	Soldering contacts	
		2003	Eeprom	
	406	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	
	607	Tacho + BCU	Eeprom	
			Cluster-Plug	
	806		Processor	
			Cluster-Plug	
	807	3 modules	Eeprom + Soldering contacts	
	Boxer	- 	Eeprom	

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

	Scenic	Sagem before Model 1999 Version 1 Sagem before Model 1999 Version 2 Sagem since Model 1999 Sagem 2002 (NEC) Jaeger Jaeger 908 Visteon Version 1 Version 2	Eeprom Additional information Eeprom Processor Processor Cluster-Plug Eeprom Eeprom Eeprom Eeprom	
		Version 3	Eeprom	
		Version 4	Eeprom	
	Twingo	VDO before Model 2000	Processor	
		VDO since Model 2001	Processor	
		Borg before Model 2000	Processor	
	T #6: -	Borg since Model 2001	Processor	
	Traffic Vel Satis		Eeprom	
	vei Satis		Soldering contacts	
Rover	25		Eeprom	
Rovei	45			
	75		Eeprom Eeprom	
	Minicooper	Cluster + LKM	Soldering contacts	
	MGF	Clustel + LNW	Eeprom	
	WOI		Сергопі	
Saab	93	Version 1	Eoprom	
Saab	93		Eeprom	
		Version 2 Model 2003	Eeprom	
	95	Version 1	Eeprom	
	95	Version 2	Eeprom Eeprom	
		VOISION Z	Lopioni	
Seat	All models	are identically	with Volkswagen!	
	Toledo	Model 2002	Eeprom	
	Leon 2002	Middel 2002	Eeprom	
	Ibiza	TRW 2003	Eeprom	
		Model 2002 VDO	Diagnosis-Plug	
		Model 2002 VDO	Eeprom	
	L			
Skoda	All models	are identically	with Volkswagen!	
Smart	Smart		Fenrom ±	
Smart	Smart		Eeprom + Processor	
Smart	Smart Roadster			
Smart			Processor Eeprom + Soldering	
Smart			Processor Eeprom + Soldering	

	1	Lacas	Le	1	
		2003	Eeprom		
	Impreza	before 2002	Eeprom		
		since 2002	Eeprom		
	Legacy		Eeprom		
		Model 2004	Eeprom		
	Outback				
		2003	Eeprom		
		2004	2X Eeprom		
		•	•	-	-
Suzuki	GSX-R 750		Eeprom		
	GSX-R1000		Eeprom	1	
	Bandit	+	Eeprom	+	
	Burgmann	+	Eeprom	+	
	Hayabusa	+	Eeprom	-	
	Ignis	+	Eeprom	+	
	Jimny	Maneti Marelli	Processor		
	·	908			
	Jimny	Denso	Eeprom		
	Liana		Eeprom		
	TL 1000		Eeprom		
	Vitara		Eeprom		
	XF 650		Eeprom		
	-	•	•		•
Toyota	Avensis		Eeprom		
		2003	Eeprom		
	Picnic	12000	Eeprom		
	Camry		Eeprom		
	Celica		Eeprom		
	Hiace		Eeprom		
	HJ100	+	Eeprom		_
	RAV 4	+	Eeprom		
	Yaris	+	Eeprom		_
	14110	Model 2003	Eeprom		
	Corolla	Middel 2000	Eeprom		
	Corona	Model 2002	Eeprom		
	Corolla Verso	Wiodel 2002	Eeprom		
	Corona verso		Lepioni		
	Landcruiser	Version 1	Eeprom		
		Version 2	Eeprom		
		Model 2001	Eeprom		
		Model 2002	Eeprom		
	Previa	+	Eeprom		
	Prius	+	Eeprom		_
	Prado		Eeprom		
	MR 2	+	Eeprom		
		1			
Volvo	V40/S40		Eeprom		
V01V0		040.00 5:			
	S60	912 80 Pin	Processor		
	1,500	912 112 Pin	Processor		
	V70/S70	Before Model 1999	Eeprom		
		since Model	Processor		
		1999 (908)	December		
		since Model 2001 (912) 80	Processor		
		1.2.2. (3.2, 23			

	•			
		Pin		
		since Model 2001 (912) 112 Pin	Processor	
	S80	908	Processor	
		912 80 Pin	Processor	
		912 112 Pin	Processor	
	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	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	
	Golf 4	VDO before 2001 Version 1	Eeprom	
		VDO before 2001 Version 2	,	
		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 MotoMeter since	Eeprom	
		MotoMeter since 2002	Diagnosis-Plug	
	Golf 5		Eeprom	
	Gol	South-America	Eeprom	
	Bora	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	

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

	since Model 2001 Version 3	Cluster-Plug		
Lupo	Version 1	Eeprom		
	Version 2	Eeprom		
		Diagnosis-Plug		
Polo	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	Eeprom		
	1998	·		
	since Model 1998	Diagnosis-Plug		
	TRW	Eeprom		
	TRW 2000	Eeprom		
	VDO 2002	Eeprom		
	VDO 2002	Diagnosis-Plug	1	
	TRW 24C08	Eeprom	+	
Caddy	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		
Vento	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	<u>'</u>		
LT	VDO before 1999	Eeprom		
	Version 1	·		
	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		
Phaeton	V1	Eeprom		
	V2			
Touareg		Eeprom		
Touran		Eeprom		
Service	all models	Diagnosis-Plug		
Service	CAN Models	Diagnosis-Plug		
1551	erasing the error memory CAN	Diagnosis-Plug		

Yamaha	Drag Star	Eeprom	
	Wild Star	Eeprom	
	Phaser	Eeprom	
	T-Max	Eeprom	
	YZF- R1	Eeprom	
	YZF- R6	Eeprom	

The BMW-Kit for the BMW professional

Additional mod E46, E38, E39,	dule for BMW Programming X5
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