

System	Model															Function														
	ECU	129	163	168	170 16pin38pin	199	202	203	208	209	210	211	215	220	230	414	461	463	638	639	ECU model	Read DTC	Erase DTC	Live data	Reset	Coding	Actuation	Short test	Special Function	
Diesel electronic in-line fuel injection (FI/ERE)							V			V							V	V		V	V	V	E1		E1				●Repair instruction	
Diesel electronic distributor-type fuel injection (EVE/DFI)						V				V							V	V		V	V	V	E1							
Chassis																														
Active body control(ABC)												V	V	V							V	V	V	L1			L1	V	●Control unit adaptation	
Suspension(AIRmatic)													V								V	V	V	L1		V	V	V	●Vehicle level caalibrated	
Traction systems(ABS30_H)	V	V	V	V	V	V		V		V											V	V	V	L1				V		
Traction systems(ABS30_L)																		V			V	V	V	V						
Traction systems(ABS50)																V	V				V	V	V							
Automatic clutch system(ACS)				V																	V	V	V	L1		L1			●Control unit adaptation	
Traction systems (ASR30_H)	V	V	V	V	V	V		V		V											V	V	V	L1				V		
Traction systems (ASR34_H)	V	V	V	V	V	V		V		V											V	V	V	L1				V		
Brake assist system(BAS_H)	V	V	V	V	V	V		V		V											V	V	V	L1				V		
Brake assist system (BAS203)	V	V	V	V	V	V		V	V	V											V	V	V	L1				V		
Electronic stability program(ESP)												V	V		V		V				V	V	V	L1				V		
Electronic stability program (ESP203)				V		V	V	V		V											V	V	V	L1				V		
Sensotronic Brake Control(SBC)						V					V			V							V	V	V	L1		V			●Brake service	
Electronic stability program (ESP30_H)	V	V	V	V	V	V		V		V											V	V	V	L1				V		
Electronic stability program (ESP34_H)	V	V	V	V	V	V		V		V											V	V	V	L1				V		
Electronic stability program (ESP35_H)	V	V	V	V	V	V		V		V											V	V	V					V		
Electronic stability program (ESPMK25)				V		V	V		V												V	V	V	L1				V		
Electronic stability program (ESP230)					V						V			V							V	V	V	L1				V		
Traction systems(ETS30_H)	V	V	V	V	V	V		V		V											V	V	V	L1				V		
Traction systems(ETS34_H)	V	V	V	V	V	V		V		V											V	V	V	L1				V		
Gear recognition module(GRM)				V																	V	V	V	L1						
Front transmission control(FTC)				V																	V	V	V	L1						
Vacuum pump(VP)				V		V	V	V		V											V	V	V	L1				V		
Tire pressure control(TPC)						V						V	V	V							V	V	V	L1				V		
Body																														
Airbag(Armin)	V	V	V	V				V	V	V	V	V	V		V	V		V		V	V	V	L1				V			
Airbag (Arminca)							V		V						V						V	V	V	L1	V			V		
Airbag														V							V	V	V	L1						
Airbag (ZAE_H)	V	V	V	V	V	V		V		V								V			V	V	V	L1				V		
Airbag(AB2TR)		V																			V	V	V	L1						
Overhead control panel(OCP) [DBE1_H]						V		V		V											V	V	V	L1		L1	V			
Overhead control panel(OCP) [DBE203]							V		V												V	V	V	L1		L1	V		●Control unit adaptation	
Overhead control panel(OCP) [DBE220]												V	V								V	V	V	L1		L1	V			
Overhead control panel(OCP) [DBE230]						V								V							V	V	V							
Overhead control panel(OCP) [DBE463]																	V				V	V	V							
Electronic ignition switch(EIS) [EVS1_H]						V		V		V											V	V	V	L1		C1		V	●Activate EIS ●Activate ESL ●Disable key and Track	
Electronic ignition switch(EIS) [EVS203]							V		V												V	V	V	L1		C1	L1	V	●Disable key and Track	
Electronic ignition switch(EIS) [EVS220]											V	V									V	V	V	L1		C1		V	●Disable key and Track	
Electronic ignition switch(EIS) [EVS230]						V								V							V	V	V			C1	V		●Disable key and Track	
Electronic ignition switch(EIS) [EVS463]																	V				V	V	V							
Headlamp range adjustment(HRA220)												V	V								V	V	V	L1		L1	V			
Headlamp range adjustment(HRA_H)	V					V		V		V											V	V	V	L1						
Headlamp range						V				V											V	V	V	L1						
Headlamp range						V				V				V							V	V	V	L1		L1				

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Lower control panel(LCP) [UBF1_H]						V		V		V											V	V	V	L1			L1	V	
Lower control panel(LCP) [UBF2_H]			V																		V	V	V	L1					
Lower control panel(LCP) [UBF203]								V		V											V	V	V	L1			L1	V	
Upper control panel(UCP) [OBF203]								V		V								V			V	V	V	L1			L1	V	
Immobilizer (with transponder) [WSP]																			V		V	V	V	L1					
Central locking(ZV) [CL]																			V		V	V	V	L1					
Upper control panel(UCP) [OBF220]													V	V							V	V	V	L1			L1	V	
Pneumatic system equipment(PSE) [PSE1_H]							V		V		V										V	V	V	L1			L1	V	
Pneumatic system equipment(PSE)													V	V							V	V	V	L1			L1	V	●Control unit adaptations
Pneumatic system equipment(PSE)				V	V																V	V	V	L1					
Pneumatic system equipment(PSE230)															V						V	V	V	L1					
Signal acquisition and actuation module(SAM1_H)							V		V		V										V	V	V	L1			L1	V	
Front-left signal acquisition and actuation module (SAM-FL220)													V	V							V	V	V	L1			L1	V	
Front-right signal acquisition and actuation module(SAM-FR220)													V	V							V	V	V	L1			L1	V	
Rear signal acquisition and actuation module (REAR-SAM220)													V	V							V	V	V	L1		C1	L1	V	
Front signal acquisition and actuation module(SAM-F203)								V		V											V	V	V	L1			L1	V	●adapTiVe
Rear signal acquisition and actuation module (REAR-SAM203)								V		V											V	V	V	L1		C1	L1	V	
Front-left signal acquisition and actuation module (SAM-FL230)						V									V						V	V	V	L1					
Front-right signal acquisition and actuation module(SAM-FR230)						V									V						V	V	V	L1					
Rear signal acquisition and actuation module (REAR-SAM230)						V									V						V	V	V	L1					
Front signal acquisition and actuation module(SAMV463)																		V			V	V	V	L1					
Rear signal acquisition and actuation module (SAMH463)																		V			V	V	V	L1					
Vehicle power supply control module(BNS230)						V									V						V	V	V	L1					
Roller bar/Vario roof control															V						V	V	V	L1					
Trailer recognition(AHE) [AAG203]							V	V		V									V		V	V	V	L1			L1	V	
Trailer recognition(AHE) [AAG220]								V					V	V							V	V	V	L1				V	
Trailer recognition(AHE) [AAG463]																		V			V	V	V	L1			L1	V	
KEYLESS GO													V	V	V						V	V	V	L1	L1		L1	V	
Special Vehicle multifunction control module(SVMCM) [MSS_H]							V			V											V	V	V	L1				V	
Special Vehicle multifunction control module(SVMCM) [MSS_203]								V		V									V		V	V	V	L1				V	
Special Vehicle multifunction control module (SVMCM) [MSS_220]													V	V							V	V	V	L1				V	
Radio frequency locking(RFL)				V	V																V	V	V	L1				V	
Radio frequency locking(RFL) [DAS2a]	V		V	V	V													V			V	V	V	E1		E1			●IR transmitter key/Tansponder
Radio frequency locking(RFL) [DAS2b]	V		V																		V	V	V	L1					●IR transmitter key/Tansponder
Radio frequency locking(RFL) [DAS2x]															V	V	V				V	V	V	L1					
Multifunction control module(CCM)				V	V																V	V	V	L1					
All actiVity module(AAM)			V																		V	V	V	L1		C1	L1		●Transmitter key speaial function
Extended actiVity module(EAM)			V																		V	V	V	L1					
Roadster soft top (RV)	V																				V	V	V	L1					
Vario roof(VD_H)				V	V																V	V	V	L1		C1 (A0603)			
Anti-theft alarm(ATA)	V		V															V			V	V	V	L1					
Anti-theft alarm(ATA) (EDZ_H)				V																	V	V	V	L1		C1			

Information & communication

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Instrument cluster module(ICM) [KI203]							V											V			V	V	V	L1	L1	C1	L1	V		
Instrument cluster module(ICM) [KI220]												V	V								V	V	V	L1	L1	C1		V		
Instrument cluster module(ICM) [KI230]						V															V	V	V							
Instrument cluster module(ICM K2)												V	V								V	V	V	L1	L1	C1	L1	V		
Instrument cluster module(ICM) [KI414]															V						V	V	V							
Instrument cluster module(ICM) [KIW_H]	V	V	V	V	V		V		V	V								V			V	V	V	L1	L1	C1				
Instrument cluster module(KI)	V		V					V		V								V			V	V	V	L1	V	V				
Instrument cluster module(KI230)								V							V						V	V	V							
Steering column module(SCM203)								V													V	V	V	L1					V	
Steering column module(SCM220)												V	V								V	V	V	L1			L1	V		
Steering column module(SCM230)						V															V	V	V				L1			
Parktronic(PTS_H)			V			V		V		V											V	V	V	L1					V	
Parktronic(PTS203)								V		V											V	V	V	L1			L1	V		
Parktronic(PTS220)								V				V	V								V	V	V	L1			L1	V		
Parktronic(PTS230)															V						V	V	V							
Parktronic(PTS414)															V						V	V	V							
COMAND(D2B)	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V		V			V	V	V	L1	L1	C1		V		
CD changer(CDC)	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V		V			V	V	V						V	
Cellular telephone(CTEL)	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V		V			V	V	V						V	
TV tuner(TV)										V											V	V	V				V	V	V	
Seats & doors																														
Central Locking (CL)															V						V	V	V							
Front-left electric seat adjustment(ESA-FL) (ESV1L_H)							V		V		V										V	V	V	L1		C1		V		
Front-right electric seat adjustment(ESA-FR) (ESV1R_H)							V		V		V										V	V	V	L1		C1		V		
Front-left electric seat adjustment(ESA-FL203)								V											V			V	V	V	L1		C1	L1	V	
Front-right electric seat adjustment(ESA-FR203)								V											V			V	V	V	L1		C1	L1	V	
Rear electric seat adjustment(ESA-FL220)														V							V	V	V			C1	L1	V		
Front-left electric seat adjustment (ESA-FL220)														V							V	V	V	L1		C1	L1	V		
Front-right electric seat adjustment(ESA-FR220)														V							V	V	V	L1		C1	L1	V		
Front-left electric seat adjustment (ESA-FL215)													V								V	V	V	L1						
Front-right electric seat adjustment(ESA-FR215)													V								V	V	V							
Front-left electric seat adjustment (ESA-FL230)															V						V	V	V							
Front-right electric seat adjustment(ESA-FR230)															V						V	V	V							
Front-left multicontour backrest(OSB-FL220)														V							V	V	V						V	
Front-right multicontour backrest(OSB-FR220)														V							V	V	V				L1	V		
Rear multicontour backrest(OSB-R220)														V							V	V	V						V	
Front-left multicontour backrest(OSB-FL215)													V		V						V	V	V							
Front-right multicontour backrest(OSB-FR215)													V		V						V	V	V							
Rear control module(RCM)													V								V	V	V	L1						
Rear control module(RCM)										V											V	V	V	L1						
Front-left door control module(DCM-FL) [TSG2VL]			V																		V	V	V	L1						

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Front-right door control module(DCM-FR) [TSG2VR]				V																		V	V	V	L1						
Rear-left door control module(DCM-RL) [TSG2HL]				V																		V	V	V	L1						
Rear-right door control module(DCM-RR) [TSG2HR]				V																		V	V	V	L1						
Front-left door control module(DCM-FL) [TSGVL_H]							V		V		V											V	V	V	L1		C1	L1	V	●Control module adaptation	
Front-right door control module(DCM-FR) [TSGVR_H]							V		V		V											V	V	V	L1		C1	L1	V	●Control module adaptation	
Rear-left door control module(DCM-RL) [TSGHL_H]							V				V											V	V	V	L1			L1	V	●Control module adaptation	
Rear-right door control module(DCM-RR) [TSGHR_H]							V				V											V	V	V	L1			L1	V	●Control module adaptation	
Front-left door control module(DCM-FL) [TSGVL203]								V														V	V	V	L1		C1	L1	V		
Front-right door control module(DCM-FR) [TSGVR203]								V														V	V	V	L1		C1	L1	V		
Rear-left door control module(DCM-RL) [TSGHL203]								V														V	V	V	L1		C1	L1	V		
Rear-right door control module(DCM-RR) [TSGHR203]								V														V	V	V	L1		C1	L1	V		
Front-left door control module(DCM-FL) [TSGVL220]														V	V							V	V	V	L1		C1	L1	V		
Front-right door control module(DCM-FR) [TSGVR220]														V	V							V	V	V	L1		C1	V	V		
Rear-left door control module(DCM-RL) [TSGHL220]															V							V	V	V	L1		C1	L1	V		
Rear-right door control module(DCM-RR) [TSGHR220]															V							V	V	V	L1		C1	L1	V		
Front-left door control module(DCM-FL) [TSGVL230]							V									V						V	V	V							
Front-right door control module(DCM-FR) [TSGVR230]							V									V						V	V	V							
Air conditioning																															
Stationary heater(STH) [STH_H]	V	V	V	V			V		V	V					V			V	V			V	V	V						V	
Stationary heater(STH)								V														V	V	V						V	
Stationary heater(STH)														V								V	V	V							
Automatic air conditioning(AAC) [KLA_H]	V			V	V		V		V		V											V	V	V	L1		C1			V	
Automatic air conditioning(AAC) [KLA203]								V		V												V	V	V	L1	C1		C1	V		
Automatic air conditioning(AAC) [KLA220]														V	V							V	V	V	L1			L1	V		
Automatic air conditioning(AAC) [KLA230]							V									V						V	V	V							
Automatic air conditioning(AAC) [KLA414]			V													V						V	V	V	L1						
Rear air conditioning(REAR AC)															V							V	V	V	V		V	L1	V		
Automatic temperature control(TAC)				V	V				V													V	V	V	L1		C1	L1	V		
Heater control(HRZ)																						V	V	V	L1						

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For perfect performance of WIN-STAR or MAGUS PC-based AutomotiVe Diagnosis, please confirm PC/Laptop you or your clients select must follow the requirement below.

PC/Laptop Requirements:

1. 1~2.8G Hz
To exceed this limitation is not allowed.
2. RAM: 512MB
3. HD: 1G (free capacity at least)
4. Computer: it is better to use the computer with RS232 port. In case without it, please use a USB-RS232 conVerter. (USB ConVerter can be purchased from I.C.M. company now)
5. Operation System: WINDOW 2000 or WINDOW XP only