

WIN-STAR Diagnostic system Function List-----BMW



WIN-STAR kit, including of :

1. Multiplexer box.
2. Cables, including of :
  - a. RS232 Cable (from PC or Notebook to multiplexer box)
  - b. 16 PIN cable (from multiplexer box to vehicle)
  - c. 20 PIN cable (from multiplexer box to vehicle)
3. Instruction manual.
4. Suit case.

UPDATE : 2008/05/02

Version : S2

Software version : B0803

O: will be upgraded without charge in next version. V: available now. X: BMW system not equipped with function.  
 v: available now. X: BMW system not equipped with function

DTC Language: English, Chinese

Live Data Language: English, Chinese

CBS Service : E60/E61, E63/E64, E65/E66, E87, E90/E97

Automatic Model : E60, E63, E65

Applied E87, E90 model

System	Engine type	E60	E63	E65	E87	E90	Function								
							ECU model	Read DTC		Erase DTC	Live data		Actuation	Short Test	Service function
ECU							DTC	Language		LV	Language				
<b>Powertrain</b>															
Digital Motor Electronics(DME)	E60: M54, N62, N52, S85 E63: N62, N52, S85 E65: M54, N62, N73, N52 E87: N45/N46, N52 E90: N45/N46, N52	V		V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	N62, N45/N46: Learning Valvetronic limit positions N73: Clear mixture adaptation <b>Adjustment programs DME-CAS</b>
DDE Diesel Electronics(DDE)	E60: M57, M47 E65: M57, M67 E87: M47 E90: M57	V		V	V	V	V	V	EN/CH	V	V	EN/CH		V	Injector rate adjustment
Car Access System(CAS)		V	V	V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	Delete undervoltage fault
Electronic transmission control(AGS / EGS)		V	V	V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	E60: Read adaptation value E60: Clear adaptation value
Sequential Manual Gearbox(SMG)		V	V	X	X	X	V			V				V	
EKP Fuel Pump(EKP)		V	V	V	V	V	V	V	V	V	V	V	V	V	
Valvetronic(VTC)		V	V	V	X	V	V	X	X	V	X	X	X	V	
Valvetronic2(VTC2)		V	V	V	X	V	V	X	X	V	X	X	X	V	
<b>Chassis</b>															
Active Cruise Control(ACC)		V	V	V	X	V				V				V	
<b>Active Front Steering(AFS)</b>		V	V	X	X	X	V			V	V	V	X	V	
Dynamic Drive(ARS)		X	V	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Dynamic Drive 2(ARS2)		V	V	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	Control module reset
Dynamic Stability Control(DSC)		V	V	V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	
Tire pressure control(RDC)		V	V	V	X	X				V				V	
Chassis Integration Module(CIM)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	Calibration, steering column
Chassis Integration Module2(CIM2)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	Calibration, steering column
Damper Control(EDC)		V	V	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	

Ride level (height) control(EHC)		V	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	Control module reset Delete transport and belt mode Set transport mode Set band mode Set zero point,ride level
Parking brake(EMF)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	Control module reset Workshop brake bedding/in Automatic hold function (Only E65)
<b>Body</b>															
Adaptive directional headlights(AHL)		V	V	V	X	V	V	V	EN/CH	V	V	EN/CH	V	V	Control module reset
Trailer module(AHM)		V	X	V	V	V				V				V	
Control center, center console(BZM)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Rear compartment,control center ,center console(FBZM)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Comfort Access(CA)		V	V	V	V	V				V				V	
CAN/byeflight		V	V	V	X	X				V	X	X	X	V	
Controller(CON)		V	V	V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	
Rear compartment controller(FCON)		X	X	V	X	X				V				V	
Antitheft alarm system(DWA)		V	V	V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	
Rear-lid lift(HKL)		V	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Body basic module(KBM)		V	V	X	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Headset interface(KHI)		V	X	V	X	X				V		EN/CH		V	
Lights Module(LM)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Lights Module 2(LM2)		V	V	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Park Distance Control(PDC)		V	V	V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	
Power Module(PM)		V	V	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Mico -power module (MPM)		V	V	X	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Rain/Light Sensor(RLS)		V	V	V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	
Supplimentary control module(SEC)		X	X	V	X	X				V				V	
Supplimentary control module 2(SEC2)		X	X	V	X	X				V				V	
Control module,rear-compartment display(SG-FD)		X	X	V	X	X	V	V	EN/CH	V	X	X		V	X
Control module,rear-compartment display (Gateway) [SG-FD-GW]		X	X	V	X	X				V				V	
Sliding/tilting sunroof(SHD)		V	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	X
Sliding/tilting sunroof 2(SHD2)		V	V	V	X	X	V	V	EN/CH	V	V	EN/CH		V	
Siren and tilt sensor(SINE)		V	X	V	V	V	V	V	EN/CH	V	V	EN/CH	X	V	
Switch center,steering column(SZL)		V	V	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Switching center,center console(SZM)		V	V	X	X	X	V	V	EN/CH	V	V	EN/CH	V	V	Initialzation,steering colum
Wiper module(WIM)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH		V	
<b>Information &amp; communication</b>															
Amplifier (AMP)		V	V	V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	Control module:reset
Antenna/antenna tuner (ANT)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	Control module:reset
Audio system controller (ASK)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	Control module:reset
Applications (CCC-A)		V	V	X	V	V				V				V	
Antenna tuner (CCC-ANT)		V	V	X	V	V	V	V	EN/CH	V	V	EN/CH	V	V	Control module reset

Audio system controller (CCC-ASK)		V	V	X	V	V				V				V	
User interface (CCC-BO)		V	V	X	V	V				V				V	
Gateway (CCC-GW)		V	V	X	V	V				V				V	
Control Display (CD)		X	X	V	X	X	V	V	EN/CH	V	X	X	V	V	Control module:reset
CD Changer (CDC)		V	V	V	V	V	V	V	EN/CH	V	X	X	V	V	Control module:reset Delete undervoltage fault
Control Display (Gateway) [CD-GW]		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	Control module:reset
Central information Display (CID)		V	V	X	V	V	V	V	EN/CH	V	V	EN/CH	X	V	Control module:reset(E60)
DVD Changer (DVDC)		V	V	V						V				V	
Rear-compartment display(FD)		V	X	V	X	X				V				V	
Head-Up Display (HUD)		V	V	X	X	X				V				V	
Instrument cluster (INSTR)		V	V	V			V	V	EN/CH	V	V	EN/CH	V	V	Control module:reset(E65)
Japan Basis Interface Telephone (JBIT)		X	X	V	X	X				V				V	
Navigation system (NAV)		X	X	V	X	X				V				V	
Navigation system,Japan (JNAV)		V	V	V	V	V				V				V	
<b>Multiple restraint System (MRS)</b>		X	X	X	V	V	V	V	EN/CH	V	V	V	X	V	
User interface (M-ASK-BO)		V	V	X	V	V	V	V	EN/CH	V	V	EN/CH	V	V	Control module reset
Gateway (M-ASK-GW)		V	V	X	V	V	V	V	EN/CH	V	V	EN/CH	V	V	Reset M-ASK-GW control units
Navigation system (M-ASK-NAV)		V	X	X	V	V				V				V	
Satelite vehicle center (SFZ)		V	V	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Satellite,A-pillar,left (SASL)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Satellite,A-pillar,right (SASR)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Satelite, B-pilar, left (SBSL)		V	V	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Satelite, B-pilar,right (SBSR)		V	V	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Satellite,door,front left (STVL)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Satellite,door,front right (STVR)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Language processing system (SVS)		V	V	V	X	X				V				V	
Safety and information Module(SIM)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Safety and Gateway Module (SI (SGM-SIM)		V	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Safety and Gateway Module (Z (SGM-ZGM)		V	V	V	X	X	V	V	EN/CH	V	X	X	X	V	
Satellite,seat,driver (SSFA)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Satellite,seat,passenger (SSBF)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Satellite,seat,rear (SSH)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Telematic Control Unit (TCU)		V	V	V	V	V				V				V	
Telephone (TEL)		X	X	V	X	X				V				V	
Universal charging and hands-free faci (ULF)		V	V	X	V	V	V	V	EN/CH	V	V	EN/CH	V	V	Control module:reset Restadlish standard settings
Video Module (VM)	E60:M54,N62 E65:M54,M57,N62,M67,N73	V	V	V	X	V				V				V	
Central Gateway Module (ZGM)	E65:M54,M57,N62,M67,N73	X	X	V	X	X	V	V	EN/CH	V	X	X	V	V	
Flexible Bus Interface(FBI)	E65:N62,N73	V		V						V				V	
<b>Seats and doors</b>															
Seat module,driver(SMFA)		V	X	X	V	V	V	V	EN/CH	V	V	EN/CH	V	V	
Seat module,passenger(SMBF)		V	V	V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	

Seat module,driver's side rear(SMFAH)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Seat module,passenger's side rear(SMBFH)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Door module,driver(TMFA)		V	V	X	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Door module,front passenger(TMBF)		V	V	X	X	X	V	V	EN/CH	V	V	EN/CH	V	V	
Door module,passenger door(TMBFT)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Door module,passenger's side rear(TMBFH)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Door module,driver's door(TMFA)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	
Door module,driver's side rear(TMFAH)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	X	V	

Air condition															
Integrated automatic heating/air conditioning(IHKA)		V	V	V	V	V	V	V	EN/CH	V	V	EN/CH	V	V	
Independent/auxiliary heater(SHZH)		V	X	V	X	X				V				V	
Rear heater/air conditioning(FKA)		X	X	V	X	X	V	V	EN/CH	V	V	EN/CH	V	V	

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