

## WIN-STAR Diagnostic system Function List-----MINI



WIN-STAR kit, including of :

UPDATE : 2008/01/21

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
3. Instruction manual.
4. Suit case.

Sale version : MN-S1  
Software version : I0712

Available year : ~2005/09

V: available now. X: BMW system not equipped with function.

O : To erase DTC without fault code and description.

System ECU	Function					
	ECU model	Read DTC	Erase DTC	Live Data	Actuation	Service function
<b>Powertrain</b>						
Digital diesel electronics(DDE)	V	V	V	V		
Digital Motor Electronics(DME)	V	V	V	V		
Electronic drive-away protection(EWS)	V	V	V	V		
<b>Chassis</b>						
Anti-lock brake system / Automatic stability control(ABS / ASC)	V	V	V	V	V	
Electro-hydraulic steering assistant(EHPS)	V	O	V	V	V	
Steering- angle sensor (LEW)	V	V	V	V		
Tyre blowout warning (RPW)	V	O	V			
<b>Body</b>						
Automatic Interval Control(AIC)	V	V	V	V		
On-board monitor(BM)	V	O	V			
Convertible top module(CVM)	V	V	V	V		
Digital Sound processor(DSP)	V	O	V			
Integrated Automatic Heater(IHKA)	V	V	V	V		
Instrument cluster(KOM)	V	V	V			V (Oil Reset)
Instrument cluster2(KOM2)	V	O	V			
Multi-function steering wheel(MFL)	V	X	X	V		

<b>Multi-function steering wheel(MFL II)</b>	V	X	X	V		
<b>Automatic headlight vertical aim control (LRA)</b>	V	V	V	V	V	
<b>Multipule Restraint System IV(MRS IV)</b>	V	V	V	V		V (Read coding data)
<b>Navigation computer (NAV)</b>	V	O	V			
<b>NAJ Navigation computer, Japan (NAJ)</b>	V	O	V			
<b>Park Distance Control(PDC)</b>	V	V	V	V	V	
<b>Radio(RAD)</b>	V	O	V			
<b>Sliding/tilting sunroof module(SHD)</b>	V	V	V	V		
<b>Video module(VID)</b>	V	O	V			
<b>Central body electronics(ZKE)</b>	V	V	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