



Version 6.5 SPECIFICATIONS

April 18, 2004 Release Specifications

Carsoft USA

www.carsoftusa.com

sales@carsoftusa.com

Tel: (760) 438-5870

Intro:

Since 1988, **Carsoft** has developed independent alternatives to official factory BMW and Mercedes diagnostic systems. **Carsoft** BMW Diagnostic Software is a diagnostic system for 1988-2004 BMW models equipped with onboard diagnostics. Carsoft BMW is up to date for cars built up to 10/2004. Carsoft BMW also covers many systems on the new Mini and some BMW built Range Rover (2003-2005 same listed coverage as X5) models!

Important Features:

Carsoft BMW6.5 uses official BMW terminology and official BMW code numbers with descriptions, so you can reference BMW's parts and service literature without translating generic codes. **Carsoft** covers the majority of diagnosable modules, so it is not limited to just engine, trans, ABS like many competitors. **Carsoft** saves time, is easy to use, economical and easy to update, and provides the best return on investment. You can use **Carsoft** on most laptop/desktop computers, as long as it is Windows 2000/XP compatible.

CARSOFT FEATURES:

- ✓ **Comprehensive Diagnostic Abilities using correct OEM BMW code descriptions & information for all vehicles 1988-10/2004**
- ✓ **Automated Total Diagnosis that tests all systems.**
- ✓ **Relevant Data Streams**
- ✓ **Component Test and Calibration**
- ✓ **Module Coding**
- ✓ **ALL CABLES AND FEATURES INCLUDED IN ONE PACKAGE !**
- ✓ **ALL NEW MODELS COVERED: E60, E61, E63, E64, E65, E66, E83, E85, Mini, and 2003-05 BMW Built Range Rovers (same as X5 models).**
- ✓ **Carsoft has always been a PC Based system, so you are not tied into a "Scan-tool" that will be obsolete and thrown away after a few years. If you need to replace your PC, just install the software on the new one and you are ready to go!**

Why Carsoft is the Better Solution:

Carsoft is a fully integrated PC based solution... Carsoft knows that TIME IS MONEY! Carsoft is Fast and Accurate: Carsoft offers a fast "Total Diagnosis" **quick test** that finds all vehicle ECUs and tests all systems in a few minutes without entering a VIN number. The quick test provide status on each system, so you can skip the systems that are OK and only test those with errors. This saves lots of time and money! **Carsoft** uses intelligent technology to find the status of all the applicable modules in a vehicle in one easy automated test. The test is automated, so you can let it run while you do something else so you can maximize your time. **Carsoft** uses the factory connector, so there are no jumpers required and all BMW adaptors are included in the standard kit. **All capabilities** listed are **included** in the standard kit. We don't nickel and dime you for cables or with confusing lists of features that you have to pay extra to use. Future upgrades are optional, and not included.

1.0 Powertrain Systems:

Carsoft BMW6.5 covers all engine management systems, both gasoline and diesel, from 1988 to 10/2004.

Basic Features:

- **Comprehensive Diagnosis using correct OEM BMW fault code descriptions & information all models**
- **Module version, including BMW and Supplier part numbers, Software version, Hardware Version, Dates of production, etc.**
- **Relevant Data Streams on:**
 - **Gasoline Engines (DME, MS, BMS)1996+**
 - **Diesel Engines (DDE) 1996+**
 - **Automatic Transmissions 1996+**
- **Module Coding on DME + DDE**
- **Reset Adaptation to Basic Settings:**
 - **Mixture Adaptation Reset on Gasoline Engines**
 - **Sensory Adaptation Reset on Diesel Engines**
 - **Shift Adaptation Reset on Automatic Transmissions**
- **ALL NEW MODELS COVERED: E60, E61, E63, E64, E65, E66, E83, E85, and 2003-2005 Range Rover (BMW Built 2003-05, same as X5) models, in addition to E30, Z1, E31, E32, E34, E36, E38, E39, E52, E53, and E36/7**

Basic Vehicle Coverage:

Powertrain Module All Versions	Module Version Info	DTC Read + Erase	Live Data	Module Coding*	Adaptation Reset From 01/95	EWS Align* From 01/95	E30	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E83	E85 (Z4)
DME/MS/BMS/MSS	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
DDE	☑	☑	☑	☑	☑	☑	☑			☑	☑		☑	☑	☑	☑		☑		☑	☑	☑	☑
Automatic Transmission	☑	☑	☑		☑			☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

1.1 Gasoline Engines: Engine Management Systems

Gasoline Engine Module	Module Version Info	DTC Read + Erase	Live Data	Module Coding *	Adaptation Reset From 01/95	EWS Align* From 01/95	E30	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E83	E85 (Z4)
DME 1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>													
DME 1.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													
DME 1.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
DME 1.7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
DME 1.7.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														
DME 1.7.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
DME 1.7.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
DME 3.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
DME 3.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
DME 3.3.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
DME 5.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
DME 5.2.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
MS 40.0/40.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
MS 41	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
MS 41.0/1/2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
MS 42	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
MS 43	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
BM S43	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>								
MS 45	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MS 45.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
BM S46	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
MS S50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
MS S52	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>						
MS S54	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
ME 7.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
ME 9.2 (ME9)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
ME 9.2.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															<input checked="" type="checkbox"/>		

* Coding supported on VIN specific Original BMW modules only. Aftermarket or Used modules not supported. DME-EWS alignment not supported with unprogrammed, used, or aftermarket EWS units

Gasoline Engine Additional Features:

- **RESET MIXTURE (FUEL TRIM) ADAPTATION TO BASIC SETTINGS: Model Year 1996-10/2004**
- **Module Transfer Coding Model Year 1996-10/2004: E38/E39/E46/E53/E60/E61/E65/E83/E85**
- **EWS Alignment Model Year 1996-10/2004**
- **Live Data Streams 1996-10/2004**
- **At minimum, Carsoft reports the OEM BMW fault with full fault code descriptions. Carsoft also provides additional information on many fault codes including troubleshooting hints and information.**



New for 6.5:

- **Diagnosis of New Bosch DME 9.2 and 9.2.1**
- **Diagnosis of New Siemens MS45.1**
- **Data Streams on Bosch DME 9.2 and 9.2.1**
- **Data Streams on Siemens MS45.1**
- **Module Exchange (Transfer Coding) on Bosch DME9.2 and 9.2.1**
- **Module Exchange (Transfer Coding) on Siemens MS45.1**
- **All new models covered up to 10/2004: E46, E60/61, E63/64, E65/E66, E83, and E85**
- **Diagnosis of NEW Valvetronic and NEW VANOS Engine systems**

1.2 Diesel Engines: Full Features and Coverage for both Pre-Chamber and Common Rail Systems

Diesel Management Version	Module Version Info	DTC Read + Erase	Live Data	Module Coding	Adaptation Reset	EWS Align	E30	E34	E36	E38	E39	E46	E53	E60/61	E65	E66	E83
DDE 1.xx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>										
DDE 1.1.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>										
DDE 1.2.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>										
DDE 2.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
DDE 2.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
DDE 2.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
DDE 3.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
DDE 4.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
DDE 4.1 Master	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
DDE 4.1 Slave	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
DDE 5.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Diesel Engine Additional Features:

- **RESET SENSORY ADAPTATION TO BASIC SETTINGS: Model Year 1996-10/2004**
- **Module Transfer Coding Model Year 1996-10/2004: E38/E39/E46/E53/E60/E65/E66/E83**
- **EWS Alignment Model Year 1996-10/2004**
- **Live Data Streams 1996-10/2004**
- **At minimum, Carsoft reports the OEM BMW fault with full fault code descriptions. Carsoft also provides additional information on many fault codes including troubleshooting hints and information.**



New for 6.5:

1. **Diagnosis of DDE 5.0**
2. **Module Exchange (Transfer Coding) for DDE 5.0**
3. **Data Stream for DDE 5.0**

1.3 Automatic Transmissions: All Electronic Gearbox Control Systems

Automatic Transmission Version	Module Version Info	DTC Read + Erase	Live Data From 96	Adaptation Reset From 96	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	E60/61	E63/64	E65	E66	E83	E85 (Z4)
GS 1.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
GS 1.2x	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
GS 2.2x	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>											
GS 4.xx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
GS 7.xx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
GS 7.32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>									
GS 8.xx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
GS 8.51	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
GS 8.52	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
GS 8.55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
GS 8.60.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
GS 8.60.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
GS 8.60.2/3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
GS 8.60.4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
GS 8.70	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
GS 9.xx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
GS 9.20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
GS 9.22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
GS JATCO	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
GS 20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mechatronics Module (New)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

Automatic Transmission Additional Features:

- RESET SHIFTING ADAPTATION TO BASIC SETTINGS: Model Year 1996-10/2004
- Live Data Streams 1996-10/2004



New for 6.5: Coverage of E60/61, E63/64, E65/66, E83, E85

1. Diagnosis of New MECHATRONICS Module: E60/61, E63/64, E65, and E66
2. Data Stream MECHATRONICS Module: E60/61, E63/64, E65, and E66

NOTE: This specification list is an overview of specifications for worldwide BMW versions. Some features may not apply uniformly to all vehicles, models, year of manufacture, or market specific models.
 BMW6.5 (USA) (CDN) Version 04/18/2005 ©Carsoft USA Inc. 2005. All rights reserved. www.carsoftusa.com ☎ (760) 438-5870 Ext. 2 FAX (760) 438-5860 sales@carsoftusa.com

2.0 Chassis Systems:

Carsoft BMW6.5 covers all Brake and Traction Control systems, from 1994 to 10/2004.

Basic Features:

- Comprehensive Diagnosis using correct OEM BMW fault code descriptions & information all models
- Module version, including BMW and Supplier part numbers, Software version, Hardware Version, Dates of production, etc.
- ALL NEW MODELS COVERED: E60, E61, E63, E64, E65, E66, E83, E85, Mini, and some Range Rover (BMW Built, 2003-05 same as X5) models, in addition to E30, Z1, E31, E32, E34, E36, E38, E39, E52, E53, and E36/7

Basic Vehicle Coverage:

Chassis System Module All Versions	Module Version Info	DTC Read + Erase	E30	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E83	E85 (Z4)	MINI
ABS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ASC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DSC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

2.1 Brake and Traction Systems: New Features and Coverage

Coverage on all modules 1994 up to 10/2004 production.

ABS Version	Module Version	DTC Read + Erase	E32*	E31*	E34*	E36*	E36/7 Z3	E38	E39	E46	E53	E60/61	E63/64	E65	E66	E52 Z8	E83	E85 Z4	MINI
ABS 3Channel*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
ABS 4 Channel*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														
ABS/ MK4-3*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													
ABS5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													
ABS MK20/I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
ABS MKIV-G	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>											
ABS MK60	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>
ABS/ASC MK4-3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
ABS/ASC+T*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
ABS/ASC ITT-TEVES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
ABS/ASC BOSCH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
ABS/ASC5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>											
ABS/DSC2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
ABS/DSC3 BOSCH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
ABS/DSC3 TEMIC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
DSC ITT TEVES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>										
DSC3 MK20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>
DSC3 MK60	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>
DSC 5.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
DSC5.7 ¹	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
DSC8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		

Notes:

*Some versions 1992-1994 do not support serial communication for diagnosis.

1. DSC5.7 only applicable to E46/18 All Wheel Drive



New for 6.5: Coverage of E60/61, E63/64, E65/66, E83, and E85

- **Diagnosis of All DSC Systems covered**
- **Diagnosis of All new models covered**

NOTE: This specification list is an overview of specifications for worldwide BMW versions. Some features may not apply uniformly to all vehicles, models, year of manufacture, or market specific models.

BMW6.5 (USA) (CDM) Version 04/18/2005 ©Carsoft USA Inc. 2005. All rights reserved. www.carsoftusa.com ☎ (760) 438-5870 Ext. 2 FAX (760) 438-5860 sales@carsoftusa.com

3.0 Airbag and Safety Systems:

Carsoft BMW6.5 covers all Safety and Restraint Systems from 1988 to 10/2004.

Basic Features:

- Comprehensive Diagnosis using correct OEM BMW fault code descriptions & information all models
- Module version, including BMW and Supplier part numbers, Software version, Hardware Version, Dates of production, etc.
- Module Coding on MRS
- CAN-BUS/Byteflite Models covered
- ALL NEW MODELS COVERED: E60, E61, E63, E64, E65, E66, E83, E85, Mini, and Range Rover (2003-2005 BMW Built, same as X5) models, in addition to E30, Z1, E31, E32, E34, E36, E38, E39, E52, E53, and E36/7

Basic Vehicle Coverage:

Airbag Module All Versions	Module Version Info	DTC Read + Erase	Module Coding*	E30	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E83	E85 (Z4)	MINI
Airbag	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Safety Gateway Module	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	

*See complete specifications for actual modules covered

3.1 Airbag and Safety Systems:

Safety System Control Module	Module Version Info	DTC Read + Erase	Module Coding	E30*	E32*	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	Z8	E60/61	E63/64	E65	E66	E83	E85 (Z4)	MINI
SRS1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													
5WK4 060	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													
BAE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
ZAE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
ZAE2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
MRS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
MRS2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
MRS3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
MRS4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>
MRS4D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																<input checked="" type="checkbox"/>		
ISIS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
SIM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
SASL/SASR		SIM															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
SBSL/SBSR		SIM													<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
SSFA/SSFB		SIM															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
STVL/STVR		SIM															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
SSH		SIM													<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
SFZ		SIM															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
ASE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
SGM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

*Diagnosis supported where Airbag module is connected to 20-Pin diagnostic connector

Airbag and Safety System Additional Features:

- Module Exchange (Transfer Coding) on MRS Systems from 1996-10/2004



New for 6.5:

- Diagnosis of MRS4, MRS4D Multiple Restraint System
- Diagnosis of ISIS Intelligent Safety Integration System
- Diagnosis of SIM Safety Information Module
- Diagnosis of E60/E61/E65/E66/E85 All Satellite Control Modules: SASL/SASR, SBSL/SBSR, SSFA/SSBF, STVL/STVR, SSH, & SFZ: Diagnosis though SIM interface module.
- Diagnosis of ASE Advanced Safety Electronics
- Diagnosis of SGM Safety Gateway Module
- Coding Transfer expanded to all MRS Systems

NOTE: This specification list is an overview of specifications for worldwide BMW versions. Some features may not apply uniformly to all vehicles, models, year of manufacture, or market specific models.

4.0 Body Systems:

Carsoft BMW6.5 covers the most body systems, from 1994 to 10/2004.

Basic Features:

- Comprehensive Diagnosis using correct OEM BMW fault code descriptions & information all models
- Module version, including BMW and Supplier part numbers, Software version, Hardware Version, Dates of production, etc.
- Component Activation Tests
- Version Coding
- **ALL NEW MODELS COVERED: E60, E61, E63, E64, E65, E66, E83, E85, Mini, and Range Rover (BMW Built 2003-05, same as X5) models, in addition to E30, Z1, E31, E32, E34, E36, E38, E39, E52, E53, and E36/7**

Basic Vehicle Coverage:

Body System Module All Versions	Module Version Info	DTC Read + Erase	Version Coding	Sync. With Engine	Activation Component Test	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E83	E85 (Z4)	MINI
General Module	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Instrument Cluster	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Convertible Top	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	
Climate Control/AC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
On-Board Computer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
Rain/Light Sensor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Light Check Module	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Park Distance Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Central Gateway	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Anti-Theft Alarm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Immobilizer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

4.1 Central Body Electronics: ZKE, General Module, Park Distance Control, and Car Access Systems:

Central Module/General Module Versions	Module Version Info	DTC Read + Erase	Version Coding	Activation Component Test	E30	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E83	E85 (Z4)	MINI ¹
ZKE I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>														
ZKE II	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>															
ZKE III	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
ZKE IV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
ZKE V	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ZKE V(RD)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																<input checked="" type="checkbox"/>		
CAS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
RLS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PDC*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
i-Drive			<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

*Except dealer installed PDC (Bosch Parkpilot™ or similar system) 1. Diagnosis only

Additional Features for Central Body Electronics:

- Full component activation on ZKE systems:
 - Power Windows
 - Door Locks
 - Interior Lighting
 - Wipers
 - Power Locking
 - Etc.
- Under Voltage & Low Voltage Fault reset on Car Access System (CAS)
- Diagnostic coverage on all new series of vehicles: E46,E60/61, E65/66, E63/64, E83, E85
- Version coding on ZKE:
 - Automatic Locking
 - Selective Locking



NEW FOR 6.5:

1. Diagnosis of ZKE V (RD) General Module 5 (Re-Design)
2. Diagnosis of CAS Car Access System
3. Reset Low Voltage Fault in CAS
4. Diagnosis of KBM Base Body Module
5. Diagnosis of Rain and Light Sensor Diagnosis
6. Diagnosis of Park Distance Controller for all factory installed applications.
7. Diagnosis of Central Gateway Module: CAN-BUS Interface E60, E65, E66, and E85
8. i-Drive Programming instructions.

NOTE: This specification list is an overview of specifications for worldwide BMW versions. Some features may not apply uniformly to all vehicles, models, year of manufacture, or market specific models.

BMW 6.5 (USA) (CDN) Version 04/18/2005 ©Carsoft USA Inc. 2005. All rights reserved. www.carsoftusa.com (760) 438-5870 Ext. 2 FAX (760) 438-5860 sales@carsoftusa.com

4.2 Driver Information and Display Systems: Instrument Cluster, Multi-Information Display, On-Board Computer, and Central Information Display.

Central Module/General Module Versions	Module Version Info	DTC Read + Erase	Version Coding	E32	E31	E34	E36*1	E36 (Z3)	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E83	E85 (Z4)	MINI ²
KOMBI	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
KOMBI (BASE)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
IKE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		
BC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
BC (BASE)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
MID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
i-Drive Setup Instructions			<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

1. Except for E36/5 2. Diagnosis Only

Additional Features for Driver Information and Display:

- **Version Coding IC, BC/MID:**
 - Language/World Version
 - Measurement Unit Display (English/Metric)
- **Diagnostic coverage on all new series of vehicles: E46,E60/61, E65/66, E63/64, E83, E85**



NEW FOR 6.5:

1. **Diagnosis of New Instrument Clusters: E60/61, E63/64, E65/66, E83, E85**
2. **Diagnosis of New Display Systems: E60/61, E63/64, E65/66, E83, E85**
3. **Version Coding New Instrument Cluster/Display Systems: E60/61, E63/64, E65/66, E83, E85**
4. **i-Drive Setup Instructions with pictures and screenshots:**
 - Change of Date & Time : settings
 - Coding of Units settings
 - Coding of PDC settings
 - Change of Brightness settings
 - Coding of Steering wheel buttons settings
 - Coding of Light settings
 - Coding of Languages settings
 - Change of RPA settings
 - Coding of Power Lock settings

4.3 Convertible Top Systems

Module	Module Version Info	DTC Read + Erase	E36 (Z3)	E46	E52 (Z8)	E64	E85 (Z4)
CVM 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
CVM 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			
CVM 3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
CVM 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>
CVM 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	



NEW FOR 6.5:

1. Diagnosis of CVM3, CVM4, and CVM5

4.4 Heating, Air Conditioning, and Climate Control:

Climate Control System	Module Version Info	DTC Read + Erase	Version Coding	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E83	E85 (Z4)
IHKR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	
IHKA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
IHKS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>						

Additional Features for Climate Control Systems:

- IHKA Version Coding of Temperature display °C / °F: E38, E39, E46, E53, E83, & E85
- i-Drive Version Coding Instructions for display °C / °F: E60/61, E63/64, E65, & E66



NEW FOR 6.5:

1. Diagnosis of IHKA: E60/61, E63/64, E65, and E66
2. i-Drive Programming instructions for E60/61, E63/64, E65, & E66

4.5 Alarm Systems, Immobilizer, Exterior Light & Check Control Modules, and Car Access Systems

Immobilizer or Anti-Theft Alarm System	Module Version Info	DTC Read + Erase	EWS Align* With DME or /DDE	Actual Values Test	E30	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	Z8	E60/61	E63/64	E65	E66	E83	E85 (Z4)	MINI ¹
DWA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EWS 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													
EWS 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
EWS 3 3.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	
EWS 3 3.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
EWS 3D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>												
CAS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A													<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
LCM/CCM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>											
LCM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
LCM III	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
LSZ	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
LM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

*EWS alignment supported on post 1996 vehicles. EWS programming and key programming not supported. 1. BMW DWA only. Not for Dealer installed Alpine systems

Additional Features for Alarm, Immobilizer, and Car Access Systems:

- CAS Car Access System Under Voltage Reset
- EWS alignment with DME/DDE (From 1996)
- LCM/CCM Read Coding info: Vehicle Identification Number and total stored mileage (LCM mileage always shown in Km)



NEW FOR 6.5:

1. Diagnosis of Car Access Systems: E60/61, E63/64, E65, and E66
2. Diagnosis of LSZ: E46, E83, and E85
3. Diagnosis of LM: E60/61, E63/64, E65, and E66

5.0 Service Interval Reset and Management Systems

Carsoft BMW6.5 covers Service Interval systems, from 1988 to 10/2004.

Basic Features:

- **Reset Service Light for all types of service**
- **Programming of Next Service where applicable**
- **ALL NEW MODELS COVERED: E60, E61, E63, E64, E65, E66, E83, E85, Mini, and Range Rover (BMW Built 2003-05, same as X5) models, in addition to E30, Z1, E31, E32, E34, E36, E38, E39, E52, E53, and E36/7**

Basic Vehicle Coverage:

System Module All Versions	Reset Light or Message	Programming*	E30	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E83	E85 (Z4)	MINI
Service Interval System	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

* Programming supported on SIA III and newer

5.1 Service Interval Management

Service Interval Module	Read Data	Reset Service Indicator	Programming	E30	E32	E31	E34	E36	E36 (Z3)	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E83	E85 (Z4)	MINI
SIA II	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
SIA III	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
SIA IV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SBA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
CBS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

Additional Features for Service Interval Management Systems:

- Service interval reset of all vehicles up to 10/2004
- Service interval management on SIA III, SIA IV, SBA, and CBS.
- SIA III & SIA IV Service management allows:
 - Read Days since last service
 - Display Fuel consumption since last service
 - Program next Service or Inspection (In Km)



NEW FOR 6.5:

1. Addition of CBS: E60/61, E63/64, E65, and E66
2. Addition of SBA: E65 and E66
3. SBA/CBS Programming E60/61, E63/64, E65, & E66:

Gasoline Models:

- Engine Oil
- Spark Plugs
- Front Brake Pads
- Rear Brake Pads
- Brake Fluid
- Micro Filter
- Vehicle Control
- Oil Change Adjustment (%)

Diesel Models:

- Engine Oil
- Diesel Filter
- Front Brake Pads
- Rear Brake Pads
- Brake Fluid
- Micro Filter
- Vehicle Control
- Oil Change Adjustment (%)

NOTE: This specification list is an overview of specifications for worldwide BMW versions. Some features may not apply uniformly to all vehicles, models, year of manufacture, or market specific models.