

CARSOFT BMW Ultimate Home V12 SPECIFICATIONS

Intro:

Since 1988, **Carsoft** has developed independent alternatives to official factory BMW- and Mercedes diagnostic systems.

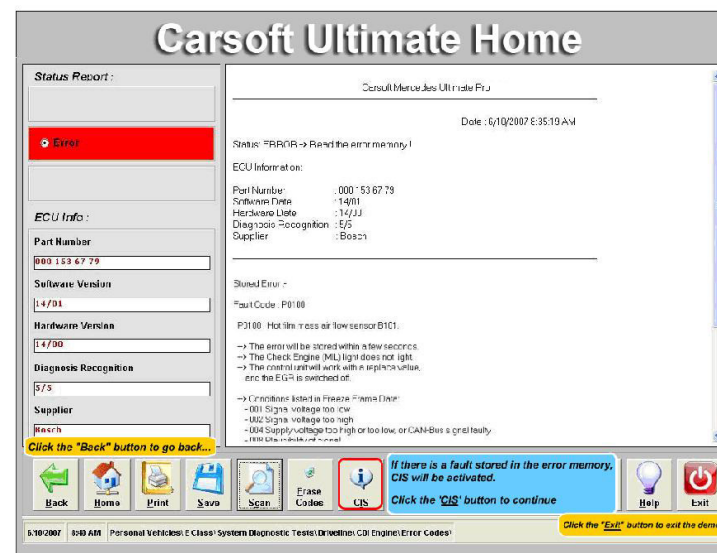
Carsoft BMW Diagnostic- & Repair systems are designed for most BMW- and Mini vehicles; build between MY 1988 and MY 2007.

Important Features:

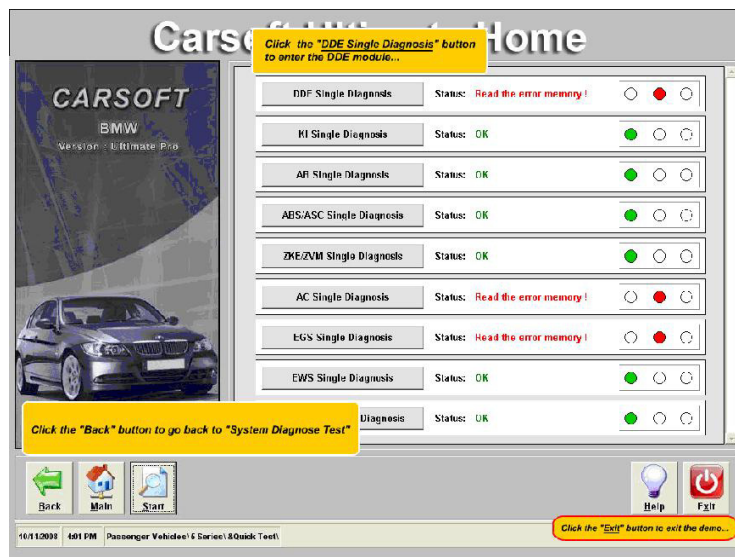
Unlike many aftermarket systems, **Carsoft BMW V12** uses official BMW & Mini terminology, codes and descriptions, so you can reference BMW's parts and service literature without translating generic codes. **Carsoft** saves time, is easy to use, easy to update, and provides the best return on investment. You can use **Carsoft** on most laptop & desktop computers with a serial connection, as long as they're Windows (98 / ME / 2000 / XP / Vista / 7 / 8 or 10) compatible.

CARSOFT FEATURES:

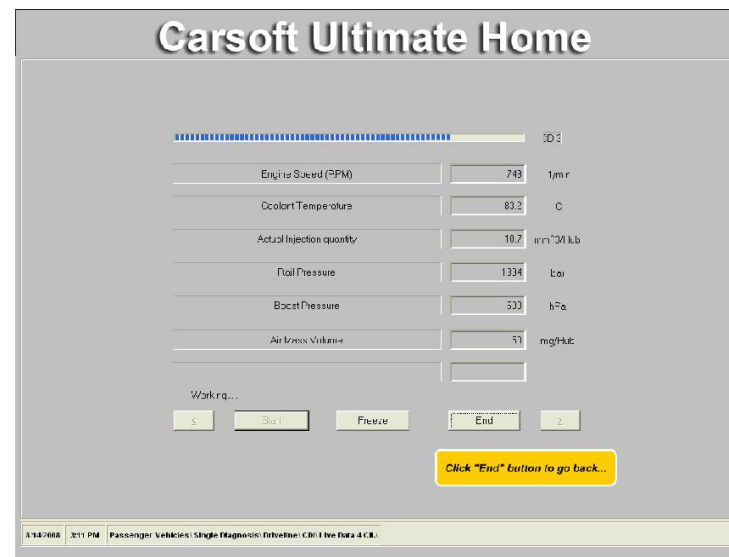
► Comprehensive Diagnostic Abilities using correct OEM BMW code descriptions & information for all vehicles



► Automated Total Diagnosis of all systems.



► Relevant Data Streams



► Component Test and Calibration



► Module Coding



MODELS COVERED:

E90

E91

E92

E93

E87

E60

E61

E63

E64

E65

E66

E83

E85

Mini R50 – R52 – R53 models



in addition to E30, E30 (Z1), E31, E32, E34, E36, E46, E38, E39, E52, E53, and E36/7

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 tests all systems in a few minutes without entering a VIN number! Carsoft uses intelligent technology to find the status of all the applicable modules in a vehicle in one easy automated test.

In addition to the Windows based Carsoft Diagnostic System for Mercedes vehicles, the integrated **Carsoft Information System (CIS)** offers “the” most fantastic Technical Repair Assistance...

After reading a fault code in the memory of the car, it's not always easy to localize the exact root of the problem.

Therefore, Carsoft has implement a system which offers their customers all required information to repair faults in the most effective and professional way.

Once the program is installed, CIS permanently runs in the background of the basic Carsoft Diagnostic System. The moment a fault in the car appears on the screen, and you would like to get more information, you just need to click on the help button and the “CIS” program will be activated.

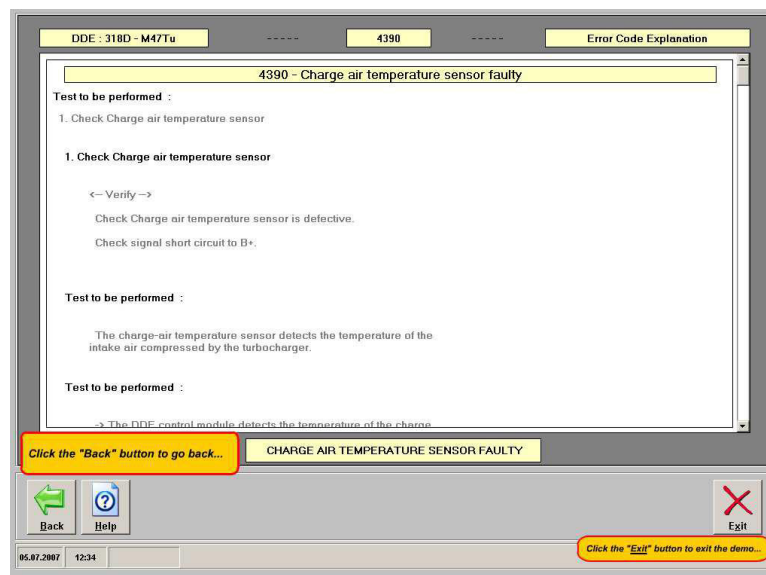
By activation, the “ CIS “ program “automatically” selects the information of the fault in question and will then offer you ALL the technical assistance you need in order to solve the problem.

The CIS Version for Mercedes and Sprinter vehicles includes:

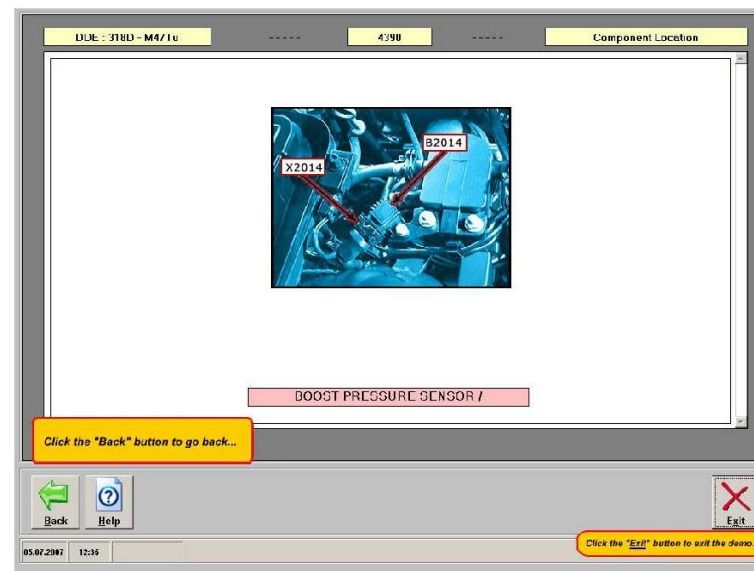
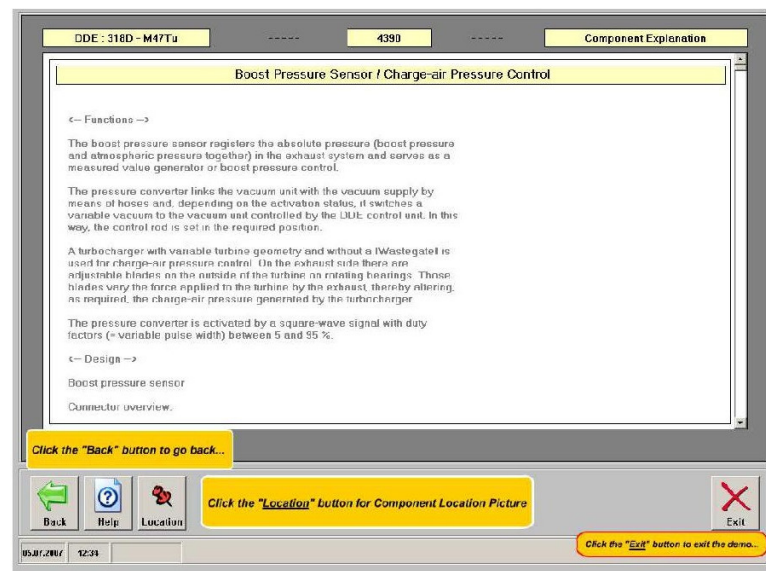
- **Component Locators with Assisting Pictures.**
- **Detailed Component Explanations and Pictures.**
- **Complete Wiring Diagrams with Active Legends and related Info.**
- **“Step by Step” Repair Assistance to fix the problem in the fastest and most professional way.**



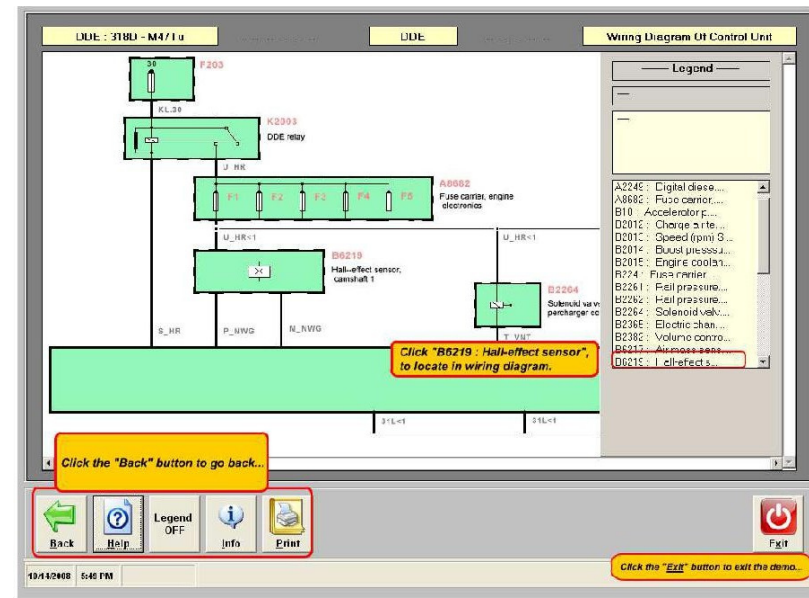
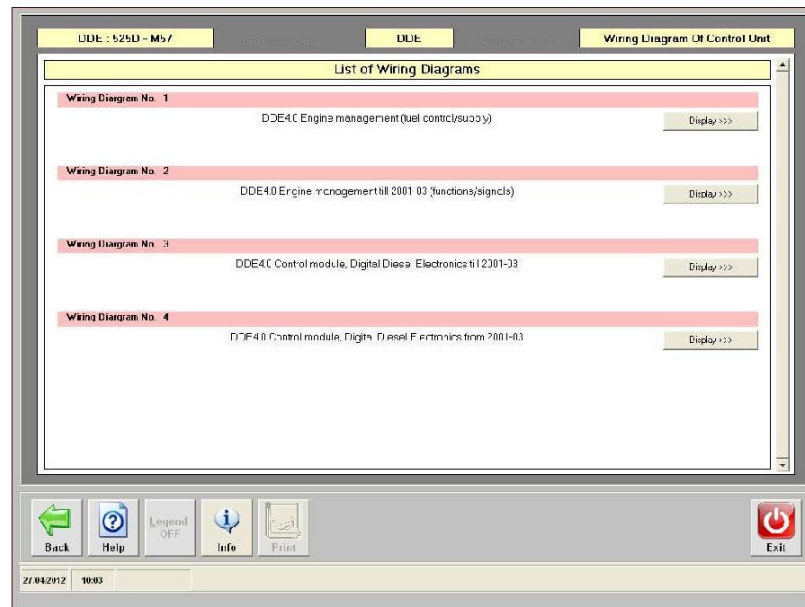
► CIS Error code explanation.



► CIS component explanation with location.

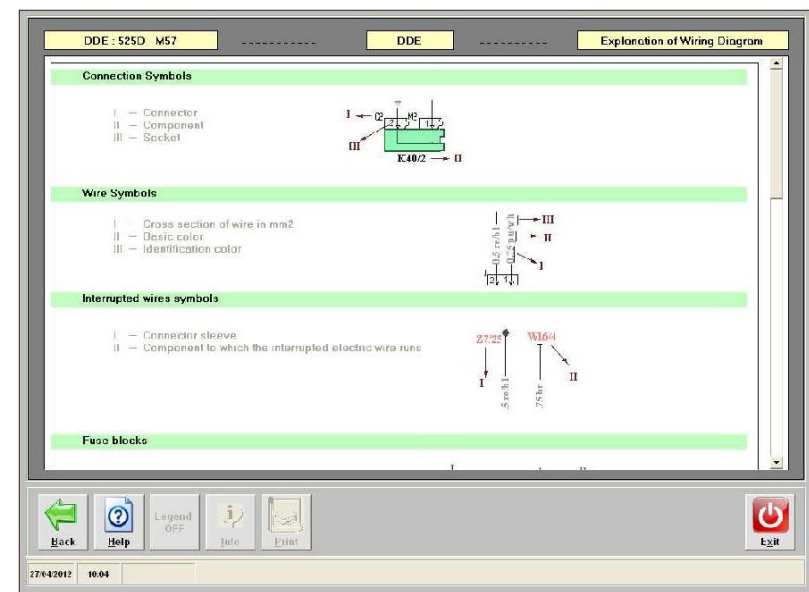


► CIS wiring diagram with active legend



Abbreviations for <u>WD</u>	Abbreviations for <u>S/C</u>
ACC	Active Cruise Control
AFS	Active Steering
AGS	Adaptive Transmission Control
AHM	Trailer Module
AMP	Amplifiers
ARS	Dynamic Drive
BSD	Bit-Serial Data interface
CA	Comfort Access
CAN	Controller Area Network
CAS	Car Access System
CCC	Car Communication Computer
CDC	CD Changer
CID	Central Information Display
CON	Controller
C/M	Convertible Top Module

Abbreviations for Wiring Diagrams [Close]



1.0 Powertrain Systems:

Carsoft BMW – MINI V12 covers all engine management systems, both gasoline and diesel, from 1988 to 10/2007.

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+
- 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: E90, E91, E92, E93, E87, E60, E61, E63, E64, E65, E66, E83, E85, Mini R50 – R52 – R53 models, in addition to E30 / Z1, E31, E32, E34, E36 / Z3, E46, E38, E39, E52, E53, and E36/7**

Basic Vehicle Coverage:

Powertrain Module All Versions	Module Version Info	DTC Read + Erase	Live Data	Adapta tion Reset From 01/95	EWS Align* From 01/95	E30/Z1	E32	E31	E34	E36	E36/Z3	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E90/E92	E91/E91	E87	E83	E85 (Z4)	MINI
DME/MS/BMS/MSS/EMS	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
DDE	☑	☑	☑	☑	☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Automatic Transmission	☑	☑	☑	☑			☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

1.1 Gasoline Engines: Engine Management Systems

Gasoline Engine Module	Module Version Info	DTC Read + Erase	Live Data	Adaptation Reset From 01/95	EWS Align* From 01/95	E30/Z1	E32	E31	E34	E36	E36/Z3	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E90/E91	E92/E93	E87	E83	E85 (Z4)	MINI
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"/>													
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"/>													
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"/>													
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"/>													
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"/>												
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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
BMS 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"/>												
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"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
BMS 46	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<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"/>		<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"/>						
EMS2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																								<input checked="" type="checkbox"/>

Gasoline Engine Additional Features:

- RESET MIXTURE (FUEL TRIM) ADAPTATION TO BASIC SETTINGS: Model Year 1996-10/2007
- EWS Alignment Model Year 1996-10/2007
- Live Data Streams 1996-10/2007
- 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.

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

Diesel Engine Management Version	Module Version Info	DTC Read + Erase	Live Data	Adaptation Reset	EWS Align	E30	E34	E36	E38	E39	E46	E53	E60/61	E65	E90/E91	E92/E93	E87	E83	MINI
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"/>	<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"/>								
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"/>							
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"/>							
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"/>							
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"/>
DDE 6.0	<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"/>		

Diesel Engine Additional Features:

- RESET SENSOR ADAPTATION TO BASIC SETTINGS: Model Year 1996-10/2007
- EWS Alignment Model Year 1996-10/2007
- Live Data Streams 1996-10/2007
- 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.

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	E90/E91	E92/E93	E87	E83	E85 (Z4)	MINI
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 19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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 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"/>

Automatic Transmission Additional Features:

- **RESET SHIFTING ADAPTATION TO BASIC SETTINGS: Model Year 1996-10/2007**
- **Live Data Streams 1996-10/2007**

2.0 Chassis Systems:

Carsoft BMW – MINI V712 covers all Brake and Traction Control systems, from 1991 to 10/2007.

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: E90, E91, E92, E93, E87, E60, E61, E63, E64, E65, E66, E83, E85, Mini R50 – R52 – R53 models, in addition to E30 / Z1, E31, E32, E34, E36 / Z3, E46, E38, E39, E52, E53, and E36/7**

Basic Vehicle Coverage:

Chassis System Module All Versions	Module Version Info	DTC Read + Erase	E30/Z1	E32	E31	E34	E36	E36/Z3	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E90/E91	E92/E93	E87	E83	E85 (Z4)	MINI
ABS	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
ASC	☑	☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
DSC	☑	☑			☑				☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

2.1 Brake and Traction Systems: New Features and Coverage

Coverage on all modules 1991 up to 10/2007 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	E90/E91	E92/E93	E87	E83	E85 Z4	MINI
ABS 3Channel*	☑	☑			☑																	
ABS 4 Channel*	☑	☑		☑	☑																	
ABS/ MK4-3*	☑	☑		☑	☑	☑																
ABS5	☑	☑		☑	☑	☑																
ABS MK20/I	☑	☑			☑	☑	☑															
ABS MKIV-G	☑	☑			☑	☑		☑														
ABS MK60	☑	☑				☑	☑	☑	☑	☑												☑
ABS/ASC MK4-3	☑	☑		☑	☑	☑		☑	☑	☑												
ABS/ASC+T*	☑	☑	☑		☑	☑		☑	☑													
ABS/ASC ITT-TEVES	☑	☑			☑	☑	☑	☑	☑	☑												
ABS/ASC BOSCH	☑	☑				☑	☑	☑	☑	☑	☑											
ABS/ASC5	☑	☑		☑		☑		☑														
ABS/DSC2	☑	☑		☑		☑	☑	☑	☑	☑	☑											
ABS/DSC3 BOSCH	☑	☑		☑		☑		☑	☑	☑												
ABS/DSC3 TEMIC	☑	☑					☑	☑	☑													
DSC ITT TEVES	☑	☑							☑													
DSC3 MK20	☑	☑					☑	☑	☑	☑											☑	
DSC3 MK60	☑	☑						☑	☑	☑											☑	
DSC 5.3	☑	☑						☑	☑	☑	☑											
DSC5.7 ¹	☑	☑						☑	☑	☑	☑			☑	☑	☑						☑
DSC8	☑	☑										☑	☑				☑	☑	☑	☑		

Notes:

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

3.0 Airbag and Safety Systems:

Carsoft BMW – MINI V12 covers all Safety and Restraint Systems from 1988 to 10/2007.

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.**
- **CAN-BUS/Byteflite Models covered**
- **ALL NEW MODELS COVERED: E90, E91, E92, E93, E87, E60, E61, E63, E64, E65, E66, E83, E85, Mini R50 – R52 – R53 models, in addition to E30 / Z1, E31, E32, E34, E36 / Z3, E46, E38, E39, E52, E53, and E36/7**

Basic Vehicle Coverage:

Airbag Module All Versions	Module Version Info	DTC Read + Erase	E30/Z1	E32	E31	E34	E36	E36/Z3	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E90/E91	E92/E93	E87	E83	E85 (Z4)	MINI
Airbag	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑								☑	☑	☑
Safety Gateway Module	☑	☑												☑	☑	☑	☑	☑	☑	☑			

*See complete specifications for actual modules covered

3.1 Airbag and Safety Systems:

Safety System Control Module	Module Version Info	DTC Read + Erase	E30/Z1*	E32*	E31	E34	E36	E36/Z3	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E90/E91	E92/E93	E87	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"/>													
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"/>													
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"/>										
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"/>
MRS4D	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
SASL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
SASR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
SBSL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
SBSR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
SSFA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
SSFB	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
STVL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
STVR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
SSH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
SFZ	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														<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"/>	<input checked="" type="checkbox"/>						
SGM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												<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

4.0 Body Systems:

Carsoft BMW-MINI V12 covers the most body systems, from 1991 to 10/2007.

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
- **ALL NEW MODELS COVERED:** E90, E91, E92, E93, E87, E60, E61, E63, E64, E65, E66, E83, E85, Mini R50 – R52 – R53 models, in addition to E30 / Z1, E31, E32, E34, E36 / Z3, E46, E38, E39, E52, E53, and E36/7

Basic Vehicle Coverage:

Body System Module All Versions	Module Version Info	DTC Read + Erase	Sync. With Engine	Activation Component Test	E32	E31	E34	E36	E36/Z3	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E90/E91	E91/E93	E87	E83	E85 (Z4)	MINI
General Module	☑	☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑				☑	☑	☑
Instrument Cluster	☑	☑			☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Convertible Top	☑	☑							☑			☑											☑	
Climate Control/AC	☑	☑				☑	☑	☑	☑	☑	☑	☑	☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
On-Board Computer	☑	☑			☑	☑	☑	☑	☑	☑	☑	☑	☑											
Rain/Light Sensor	☑	☑													☑	☑	☑	☑	☑	☑	☑			
Light Check Module	☑	☑						☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑				☑	☑	☑
Park Distance Control	☑	☑							☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	
Central Gateway	☑	☑													☑	☑	☑	☑	☑	☑	☑			
Anti-Theft Alarm	☑	☑			☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	
Immobilizer	☑	☑	☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	☑								☑	☑	☑
Power Module	☑	☑													☑	☑	☑	☑						
Wiper Module	☑	☑															☑	☑						
Footwell Module	☑	☑																	☑	☑				

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/Z1	E32	E31	E34	E36	E36/Z3	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E90/E91	E92/E93	E87	E83	E85 (Z4)	MINI
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"/>	
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"/>	<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"/>	<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"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				

*Except dealer installed PDC (Bosch Parkpilot™ or similar system)

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, E90/E91/E92/E93, E87, E83, E85
- Version coding on ZKE:
 - Automatic Locking
 - Selective Locking
- i-Drive Programming instructions

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	E90/E91	E92/E93	E87	E83	E85 (Z4)	MINI
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"/>	<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"/>											

1. Except for E36/5

Additional Features for Driver Information and Display:

- Version Coding IC, BC/MID, CID:
 - Language/World Version
 - Measurement Unit Display (English/Metric)
- Diagnostic coverage on all new series of vehicles: E46,E60/61, E65/66, E63/64, E90/E91/E92/E93, E87, E83, E85
- i-Drive Setup Instructions with pictures and screenshots :
 - Change of Date & Time : settings
 - Change of Brightness settings
 - Change of Languages settings
 - Coding of Units settings
 - Coding of Steering wheel buttons settings
 - Change of RPA settings
 - Coding of PDC settings
 - Coding of Light 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)	MINI
CVM 1	☑	☑	☑					
CVM 2	☑	☑		☑				
CVM 3	☑	☑			☑			
CVM 4	☑	☑					☑	
CVM 5	☑	☑				☑		

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	E90/E91	E92/E93	E87	E83	E85 (Z4)	MINI
IHKR	☑	☑				☑	☑			☑	☑	☑									☑		☑
IHKA	☑	☑	☑	☑	☑	☑	☑		☑	☑	☑	☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	
IHKS	☑	☑						☑					☑										

Additional Features for Climate Control Systems:

- IHKA Version Coding of Temperature display °C / °F: E38, E39, E46, E53, & E83
- i-Drive Version Coding instructions for display °C / °F : E60/E61, E63/E64 and 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/Z1	E32	E31	E34	E36	E36/Z3	E38	E39	E46	E53	Z8	E60/61	E63/64	E65	E66	E90/E91	E92/E93	E87	E83	E85 (Z4)	MINI
DWA	☑	☑			☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑				☑	☑	☑
EWS 1	☑	☑				☑		☑	☑																
EWS 2	☑	☑	☑					☑	☑	☑	☑	☑													
EWS 3 3.2	☑	☑	☑				☑	☑			☑	☑	☑	☑	☑									☑	
EWS 3 3.3	☑	☑	☑								☑	☑	☑	☑	☑								☑	☑	
EWS 3D	☑	☑	☑							☑															
CAS	☑	☑	N/A													☑	☑	☑	☑	☑	☑	☑			
LCM/CCM	☑	☑		☑							☑														
LCM	☑	☑		☑							☑	☑													
LCM III	☑	☑		☑							☑	☑		☑											
LSZ	☑	☑											☑										☑	☑	

*EWS alignment supported on post 1996 vehicles. EWS programming and key programming not supported.

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)

5.0 Service Interval Reset and Management Systems

Carsoft BMW – MINI V12 covers Service Interval systems, from 1988 to 10/2007.

Basic Features:

- Reset Service Light for all types of service
- Programming of Next Service where applicable
- **ALL NEW MODELS COVERED: E90, E91, E92, E93, E87, E60, E61, E63, E64, E65, E66, E83, E85, Mini R50 – R52 – R53 models, in addition to E30 / Z1, E31, E32, E34, E36 / Z3, E46, E38, E39, E52, E53, and E36/7**

Basic Vehicle Coverage:

System Module All Versions	Reset Light or Message	Programming*	E30/Z1	E32	E31	E34	E36	E36/Z3	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E90/E91	E92/E93	E87	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"/>	<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/Z1	E32	E31	E34	E36	E36/Z3	E38	E39	E46	E53	E52 (Z8)	E60/61	E63/64	E65	E66	E90/E91	E92/E93	E87	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"/>		<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"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				

Additional Features for Service Interval Management Systems:

- Service interval reset of all vehicles up to 10/2007
- 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)

- SBA/CBS Programming

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 (%)