

E9x References 220216
February 16, 2022 Update

Bentley Service Manual: BEST source for general information on most vehicle systems (Except Refrigeration System ;-). Functional Descriptions of Systems; Routine Maintenance; Repair Procedures; Torque & Fluid specs; Fuse & Bulb Charts; Photos/ Diagrams; Wiring diagrams with Conventions/Symbols; Fault Codes; **Searchable pdf**, 1265-pages, FREE download:

<http://www.georgebelton.com/335i.tech/bentley.php>

*Download Link down as of 2/16/2022; don't know if will be back up; PM me for questions.

Bentley Publishers; Bentley Manual (Paper), also Sold by Parts Suppliers, listed below:

<http://www.bentleypublishers.com/>

BimmerGeeks Pro K+DCAN Cable (\$50): Connect Laptop USB Port to OBD II Socket; there are cheaper Cables available, but THIS one Works/Reliable:

<https://www.bimmergeeks.net/product-page/bimmergeeks-pro-cable>

BMW-Specific Software for PC Laptop, BimmerGeeks-Linked Downloads from MEGA:

<https://www.bimmergeeks.net/downloads>

1) BMW Standard Tools: contains INPA (Diagnostics), EDIABAS, NCS (Coding), WinKFP (Programming), Tool32; Download from BG Link above; 129.3 MB .7z

2) E89 Datens: Data files for EDIABAS: INPA/ISTA; download "E89.rar" file, 4.51 GB
INPA has BEST DIAGNOSTICS for Details and Data: Fault Code Definitions, Details & Freeze Frame Data; Live Data/Parameters; Activate Motors/Solenoids; More. English Menus, but most Technical terms/labels in German; Use Google Translate or post ScreenPrint to Forum:

<https://translate.google.com/#view=home&op=translate&sl=de&tl=en>

3) Rheingold (ISTA+), BEST Reference Documents: (1) Diagnostic Software, Flow Chart Troubleshooting, in English; (2) Interactive Wiring Diagrams w/component locations, connector views, Overview: Component & Line ID; (3) Repair Procedures; (4) Functional Descriptions – HOW systems work; (5) Torque & Fluid specs, general Definitions, and More Details;

NOTE: Installation Instructions appear as txt file when UNZip the 9.98 GB .7z compressed Download Folder; MUST have a functioning Standard Installation FIRST:

https://mega.nz/file/a1wUmYCD#G0C3_Hsg9qFvrrqQwC764h4CQML7ECo9uQ4EpxjI8oZs

BMW Fault Code Definitions: Enter Hex-code, get Definition/ Description, Fault Information; **ALSO "Service Notes":** or testing steps when click "View" in Definition; NOTE that Definition for specific Code Number varies depending upon Module SGBD/Variant:

www.bmwfault.codes

BMW Training Manuals, 47 pdf files for download from e90post.com:

<https://www.e90post.com/forums/showthread.php?t=1360573>

BMW Training Manuals, Internet Archive: How BMW Systems work, range of models;

<https://archive.org/details/BMWTechnicalTrainingDocuments/ST034%20E46%20Complete%20Vehicle/1%20models/>

You can Download any one, or ALL, of 718 pdf's to your HD (~ 1 GB) following procedure discussed in posts 50 – 54 of this thread:

<https://www.e90post.com/forums/showthread.php?t=501479&highlight=BMW+Training+Manual&page=3>

Mike Miller's Lifetime Maintenance Schedule: Recommended Maintenance pdf:
<http://www.dsreports.com/r0/download/2294029~a7ccced57c514756e4c445baa2542b06/Lifetime%20Maintenance%20Schedule%20v03.13.pdf>

BMW Owner's Manual for Vehicle:
<https://www.bmwusa.com/owners-manuals.html>

BMW Owner's Manuals for Radio, Telephone, etc.:
<http://www.bavarianmw.com/guide-1347.html>

BMWUSA.com Register as New Owner (to Get Recall Info, etc.):
<https://www.bmwusa.com/secured/content/forms/Register.aspx>

Open Recalls on Your BMW:
<https://www.bmwusa.com/safety-and-emission-recalls.html>

Check Control Codes; Check Control Procedure in Owner's Manual to View "CC-ID" Code(s); Code Definitions ALSO Found in Bentley Manual, page 020-55:
<http://www.endtuning.com/ccidcodes.html>
<http://mr-fix.info/bmw-cc-id-codes-fault-warning-messages/>

VIN Decoder – See What Options YOUR Vehicle Has; ISTA connected to your vehicle provides "Vehicle Information/ Vehicle Details/ Optional Equipment":
<https://www.mdecoder.com/>
<https://bimmertool.com/Account/Login?ReturnUrl=%2F>

Hidden Menu: Display Engine Temp (7.00), System Voltage (9.00) & More:
<https://www.carsaddiction.com/articles/2018/01/bmw-e90-e91-e92-e93-on-board-computer-hidden-menu>

RealOEM.com Parts Catalog: Enter VIN "Last 7" & Bookmark/Save resulting page; Lookup 11-digit BMW Part# and enter that in Parts Supplier Search Box to quickly check availability, price comparisons, etc.
<https://www.realoem.com/bmw/enUS/select>

**Parts Suppliers, Only Five of MANY;
Discounted/Shipped Genuine BMW Parts:**
<https://www.getbmwparts.com>

Aftermarket, OE, OEM Parts, Tech Info, DIY procedures, etc:
<https://www.ecstuning.com/>
<https://www.autohausaz.com/catalog/c/bmw/>
<https://www.pelicanparts.com/BMW/index-SC.htm>
<https://www.fcpeuro.com/>

Amazon for BMW Parts:
<https://www.amazon.com/>

Amazon may be quickest/cheapest source, if Prime; Find BMW 11-digit part# in RealOEM.com; enter "BMW 11-digit-part#" in search box; compare w/other Suppliers; BE SURE of Fitment

Please advise of any problem with any of the links & OTHER link suggestions