

BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | SyStem | Function | |
|--------|-------------|-----------------|-------------------|--|-----------|----|
| | 2003 - 2012 | E81/E82/E87/E88 | Drive | CAS / FEM | VCDTF S12 | |
| | | | | DME / DDE | VCDTF S15 | |
| | | | | EGS / SMG | VCDTF S18 | |
| | | | | EKPS | VCDTF | |
| | | | | GWS | VCDT | |
| | | | Chassis | ABS / ACS / DSC | VCDTF S27 | |
| | | | | AL / AFS / ASA | VCDT S29 | |
| | | | | RDC | VCDT | |
| | | | | EPS | VCDTF S36 | |
| | | | Body | SGM-ZGM / KGM / JBE / JBBF | VCDTF S47 | |
| | | | | SRS / SIM / MRS / ACSM | VCDTF S49 | |
| | | | | CVM / CTM | VCDT | |
| | | | | CA | VCDT | |
| | | | | TCU / ULF / Tel | VCDT S57 | |
| | | | | AMP / AMPH / AMPT | VCDTF | |
| | | | | NAV | VCDT S59 | |
| | | | | CDC | VCDT | |
| | | | | CCC-ASK | VCDT | |
| | | | | DWA | VCDT S60 | |
| | | | | RLS / RLSS | VCDT S63 | |
| | | | | ANT | VCDT | |
| | | | | SINE | VCDT | |
| | | | | SDARS | VCDT | |
| | | | | ULF-SBX-H | VCDTF | |
| | | | | FZD | VCDT S71 | |
| | | | | DAB | VCDT | |
| | | | | INSTR | VCDTF S76 | |
| | | | | PDC | VCDT | |
| | | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 | |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC-BO | VCDT S79 | |
| | | | | CON / ZBE | VCDT | |
| | | | | SMFA | VCDT | |
| | | | | SMBF | VCDT S101 | |
| | | | | LM | VCDT | |
| | | | | AHM | VCDT | |
| | | | | FRM | VCDT S87 | |
| | | | | CID | VCDT | |
| | | | | IHKA / IHKR | VCDT S91 | |
| | | | | CCC-A | VCDT | |
| | | | | Coding/Program | Recoding | S1 |
| | | | | | CKM | S2 |
| | | | CBS reset | | S3 | |
| | | | CBS correct | | S4 | |
| | | | Service functions | | S5,S6 | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|----------|--------|---------|---------|--|------------|
| 1 Series | 2010 - | F20/F21 | Drive | CAS / FEM | VCDTF S13 |
| | | | | DME / DDE | VCDTF S16 |
| | | | | DME2 | VCDTF |
| | | | | EGS / SMG | VCDTF S19 |
| | | | | EKPS | VCDTF S23 |
| | | | | GWS | VCDTF |
| | | | Chassis | ABS / ACS / DSC | VCDTF S28 |
| | | | | ICM | VCDTF S31 |
| | | | | ACC/FRR/LRR | VCDT |
| | | | | EPS | VCDTF S37 |
| | | | | ICMV | VCDTF S42 |
| | | | Body | SRS / SIM / MRS / ACSM | VCDTF S50 |
| | | | | TR SVC | VCDTF |
| | | | | HC/SWW | VCDT S54 |
| | | | | ZGW | VCDTF S98 |
| | | | | PMA | VCDTF |
| | | | | MMC | VCDTF |
| | | | | TBX | VCDTF |
| | | | | TCU / ULF / TEL | VCDTF |
| | | | | AMP / AMPH / AMPT | VCDTF |
| | | | | FZD | VCDTF S72 |
| | | | | KAFAS | VCDTF S104 |
| | | | | FLA | VCDTF |
| | | | | IKE / KOM / KOMBI | VCDTF S77 |
| | | | | CBX-ECALL | VCDTF |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC-BO | VCDTF S80 |
| | | | | PDC | VCDTF |
| | | | | CON / ZBE | VCDTF |
| | | | | FCON / ZBEF | VCDTF |
| | | | | SMFAH | VCDTF S83 |
| | | | | SMBFH | VCDTF S84 |
| | | | | SMFA | VCDTF S81 |
| | | | | SMBF | VCDTF S82 |
| | | | | AHM | VCDTF |
| | | | | FRM | VCDTF S88 |
| | | | | CID | VCDTF |
| | | | | VDC | VCDTF S89 |
| | | | | IHKA / IHKR | VCDTF S92 |
| | | | | Recoding | S1 |

BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|-------------------|-------------------|------------------------|
| | | | Coding/Program | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | Drive | CAS / FEM | VCDT S13 |
| | | | | DME / DDE | VCDT S16 |
| | | | | DME2 | VCDT |
| | | | | EGS / SMG | VCDT S19 |
| | | | | EKPS | VCDT S23 |
| | | | | VTG/LMV | VCDT S22 |
| | | | | EME | VCDT |
| | | | | GWS | VCDT |
| | | | | SME | VCDT S45 |
| | | | Chassis | AL / AFS / ASA | VCDT S30 |
| | | | | ICM | VCDT S31 |
| | | | | ACC/FRR/LRR | VCDT |
| | | | | RDC | VCDT |
| | | | | ABS / ACS / DSC | VCDT S28 |
| | | | | EMF | VCDT S34 |
| | | | | EPS | VCDT S37 |
| | | | | EHC | VCDT S40 |
| | | | | ICMV | VCDT S42 |
| | | | | Body | SRS / SIM / MRS / ACSM |
| | | | SZL | | VCDT S51 |
| | | | TRSVc | | VCDTF S105 |
| | | | HC / SWW | | VCDT |
| | | | HKFM | | VCDT |
| | | | SVT | | VCDT |
| | | | GHAS | | VCDT |
| | | | ZGW | | VCDT S98 |
| | | | PMA | | VCDT |
| | | | DVDC / MMC | | VCDT |
| | | | TBX | | VCDT |
| | | | TCU / ULF / Tel | | VCDT |
| | | | AMP / AMPH / AMPT | | VCDT |
| | | | EME2 | | VCDT |
| | | | ASD | | VCDT |
| | | | SECUR1 | | VCDT |
| | | | SECUR2 | | VCDT |
| | | | VM | | VCDT |
| | | | EMALI | | VCDT S69 |
| | | | EMARE | | VCDT S70 |
| | | | CANSIN | | VCDT |
| | | | FZD | | VCDT S72 |
| | | | KAFAS | | VCDT |
| | | | FLA | | VCDT |
| | | | IKE / KOM / KOMBI | | VCDT S77 |
| | | | CBX-ECALL | | VCDT |

BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | SyStem | Function | | |
|-------------------|----------|---------|---|------------------------|----------------|----------|
| 2 Series | 2013 - | F45 | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S80 | | |
| | | | | PDC | VCDT | |
| | | | | CON / ZBE | VCDT | |
| | | | | SMFAH | VCDT S83 | |
| | | | | SMBFH | VCDT S84 | |
| | | | | SMFA | VCDT S81 | |
| | | | | SMBF | VCDT S82 | |
| | | | | AHM | VCDT | |
| | | | | FRM | VCDT S88 | |
| | | | | VDC | VCDT S89 | |
| | | | | IHKA / IHKR | VCDT S92 | |
| | | | | Coding/Program | Recoding | S1 |
| | | | | | CBS reset | S3 |
| | | | CBS correct | | S4 | |
| | | | Service functions | | S5,S6 | |
| | | | | | | |
| | | | Drive | CAS / FEM | VCDT S13 | |
| | | | | DME / DDE | VCDT S16 | |
| | | | | DME2 | VCDT | |
| | | | | EGS / SMG | VCDT S19 | |
| | | | | EKPS | VCDT S23 | |
| | | | | VTG/LMV | VCDT S22 | |
| | | | | EME | VCDT | |
| | | | | GWS | VCDT | |
| | | | | SME | VCDT S45 | |
| | | | | Chassis | AL / AFS / ASA | VCDT S30 |
| | | | | | ICM | VCDT S31 |
| | | | | | ACC/FRR/LRR | VCDT |
| | | | | | RDC | VCDT |
| | | | ABS / ACS / DSC | | VCDT S28 | |
| | | | EMF | | VCDT S34 | |
| | | | EPS | | VCDT S37 | |
| | | | EHC | | VCDT S40 | |
| | | | | ICMV | VCDT S42 | |
| | | | | SRS / SIM / MRS / ACSM | VCDT S50 | |
| | | | | SZL | VCDT S51 | |
| | | | | TRSVc | VCDT | |
| | | | | HC / SWW | VCDT | |
| | | | | HKFM | VCDT | |
| | | | | SVT | VCDT | |
| GHAS | VCDT | | | | | |
| ZGW | VCDT S98 | | | | | |
| PMA | VCDT | | | | | |
| DVDC / MMC | VCDT | | | | | |
| TBX | VCDT | | | | | |
| TCU / ULF / Tel | VCDT | | | | | |
| AMP / AMPH / AMPT | VCDT | | | | | |
| EME2 | VCDT | | | | | |
| ASD | VCDT | | | | | |



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| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|-------------------|---|----------|
| | | | Body | SECUR1 | VCDT |
| | | | | SECUR2 | VCDT |
| | | | | VM | VCDT |
| | | | | EMALI | VCDT S69 |
| | | | | EMARE | VCDT S70 |
| | | | | CANSIN | VCDT |
| | | | | FZD | VCDT S72 |
| | | | | KAFAS | VCDT |
| | | | | FLA | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT S77 |
| | | | | CBX-ECALL | VCDT |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S80 |
| | | | | PDC | VCDT |
| | | | | CON / ZBE | VCDT |
| | | | | SMFAH | VCDT S83 |
| | | | | SMBFH | VCDT S84 |
| | | | | SMFA | VCDT S81 |
| | | | | SMBF | VCDT S82 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S88 |
| | | | | VDC | VCDT S89 |
| | | | | IHKA / IHKR | VCDT S92 |
| | | | | Coding/Program | Recoding |
| | | | CBS reset | | S3 |
| | | | CBS correct | | S4 |
| | | | Service functions | | S5,S6 |
| | | | Drive | EWS | VCDT S11 |
| | | | | DME / DDE | VCDT S14 |
| | | | | EGS / SMG | VCDT S17 |
| | | | Chassis | ABS / ACS / DSC | VCDT S26 |
| | | | Body | EHC | VCDT S38 |
| | | | | ZKE | VCDT S46 |
| | | | | SRS / SIM / MRS / ACSM | VCDT |
| | | | | CVM / CTM | VCDT |
| | | | | DWA | VCDT |
| | | | | SHD | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT S75 |
| | | | | PDC | VCDT |
| | | | | RAD | VCDT |
| | | | | LSZ / LCM | VCDT |
| | | | | IHKA / IHKR | VCDT S90 |
| | | | | GR | VCDT |
| | | | | MID | VCDT |
| | | | | ADS | VCDT |
| | | | | AHK | VCDT |
| | | | | EKM | VCDT |
| | | | | EML | VCDT |
| | | | FHK | VCDT | |

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| Series | Year | Chassis | | SyStem | Function |
|------------------------|----------------|------------------------|----------------|-------------------|----------|
| | | | | GSA | VCDT |
| | | | | URS | VCDT S99 |
| | | | | VMX | VCDT |
| | | | | VNC | VCDT |
| | | | | XEN | VCDT |
| | | | | SPM / SM | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | | | | Service functions | S7 |
| | | | Drive | EWS | VCDT S11 |
| | | | | DME / DDE | VCDT S14 |
| | | | | EGS / SMG | VCDT S17 |
| | | | Chassis | ABS / ACS / DSC | VCDT S26 |
| | | | | EHC | VCDT S38 |
| | LEW | VCDT | | | |
| | Body | ZKE | VCDT S46 | | |
| | | SRS / SIM / MRS / ACSM | VCDT | | |
| | | CVM / CTM | VCDT | | |
| | | DWA | VCDT | | |
| | | SHD | VCDT | | |
| | | IKE / KOM / KOMBI | VCDT S75 | | |
| | | PDC | VCDT | | |
| | | RAD | VCDT | | |
| | | LSZ / LCM | VCDT | | |
| | | IHKA / IHKR | VCDT S90 | | |
| | | GR | VCDT | | |
| | | MID | VCDT | | |
| | | ADS | VCDT | | |
| | | AHK | VCDT | | |
| | | EKM | VCDT | | |
| | | EML | VCDT | | |
| | | FHK | VCDT | | |
| | | GSA | VCDT | | |
| | | URS | VCDT S99 | | |
| | | VMX | VCDT | | |
| | | VNC | VCDT | | |
| | | XEN | VCDT | | |
| | | SPM / SM | VCDT | | |
| | Coding/Program | Recoding | S1 | | |
| | | CKM | S2 | | |
| | | Service functions | S5,S7 | | |
| | Drive | EWS | VCDTF S11 | | |
| | | DME / DDE | VCDTF S14 | | |
| | | EGS / SMG | VCDTF S17 | | |
| | Chassis | ABS / ACS / DSC | VCDTF S26 | | |
| | | RDC | VCDT | | |
| | | LEW | VCDT | | |
| | | ZKE | VCDTF S46 | | |
| SRS / SIM / MRS / ACSM | | VCDTF | | | |
| CVM / CTM | | VCDT | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|--|-----------------|----------|
| | | | | TCU / ULF / Tel | VCDT |

| | | | | |
|-----------|----------------------------|-----------|-------------------|-----------|
| 1998-2006 | E46 | Body | SHD | VCDT |
| | | | MFL | VCDT |
| | | | IKE / KOM / KOMBI | VCDTF S75 |
| | | | PDC | VCDT |
| | | | SZM / BZM | VCDT |
| | | | RAD | VCDT |
| | | | LSZ / LCM | VCDT |
| | | | SMF | VCDT |
| | | | IHKA / IHKR | VCDT S90 |
| | | | GR | VCDT |
| | | | BIT | VCDT S96 |
| | | | AIC | VCDT S97 |
| | | | BM | VCDT |
| | | | URS | VCDT S99 |
| | | | SMB | VCDT |
| | | | SPMBT | VCDT |
| | | | SPMFT | VCDT |
| | | | Coding/Program | Recoding |
| | CKM | S2 | | |
| | Service functions | S5,S7 | | |
| | | Drive | CAS / FEM | VCDTF S12 |
| | | | DME / DDE | VCDTF S15 |
| | | | EGS / SMG | VCDTF S18 |
| | | | VTG / LMV | VCDTF S21 |
| | | | EKPS | VCDTF |
| | | | GWS | VCDT |
| | | Chassis | ABS / ACS / DSC | VCDTF S27 |
| | | | AL / AFS / ASA | VCDT S29 |
| | | | LDM | VCDT |
| | | | RDC | VCDT |
| | | | ACC / FRR / LRR | VCDT |
| | | | ARS | VCDT S32 |
| | | | EMF | VCDT S33 |
| | | | EHC | VCDT S39 |
| | | | VDM | VCDT |
| | | | EDCSVL | VCDT |
| EDCSVR | | | VCDT | |
| EDCSHL | | | VCDT | |
| EDCSHR | VCDT | | | |
| | SGM-ZGM / KGM / JBE / JBBF | VCDTF S47 | | |
| | SRS / SIM / MRS / ACSM | VCDTF S49 | | |
| | RSE | VCDT S55 | | |
| | CA | VCDT | | |
| | DVDC / MMC | VCDT | | |
| | TCU / ULF / Tel | VCDT S57 | | |
| | AMP / AMPH / AMPT | VCDTF | | |
| | KHI / KHM | VCDT | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|--------|----------|
| | | | NAV | VCDT S59 |
| | | | CDC | VCDT |
| | | | HUD | VCDT |

| | | | | | | |
|-------------------|----------------|-----------------|------|------------------------------|-----------|----|
| 3 Series | 2004-2011 | E90/E91/E92/E93 | Body | CCC-ASK | VCDT | |
| | | | | DWA | VCDT S60 | |
| | | | | RLS / RLSS | VCDT S63 | |
| | | | | ANT | VCDT | |
| | | | | VSW | VCDT | |
| | | | | VM | VCDT | |
| | | | | SINE | VCDT | |
| | | | | IBOC | VCDT | |
| | | | | SDARS | VCDT | |
| | | | | ULF-SBX-H | VCDT | |
| | | | | FZD | VCDT S71 | |
| | | | | DAB | VCDT | |
| | | | | FLA | VCDT | |
| | | | | INSTR | VCDTF S76 | |
| | | | | PDC | VCDT | |
| | | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 | |
| | | | | CD / M-ASK-BO / RAD / CIC / | VCDT S79 | |
| | | | | RAD2- | | |
| | | | | CON / ZBE | VCDT | |
| | | | | HKL / HKFM | VCDT S85 | |
| | | | | SMFA | VCDT | |
| | | | | SMBF | VCDT S101 | |
| | | | | LM | VCDT | |
| | | | | AHM | VCDT | |
| | | | | FRM | VCDT S87 | |
| | | | | CID | VCDT | |
| | | | | FD | VCDT | |
| | | | | RFK | VCDT | |
| | | | | IHKA / IHKR | VCDT S91 | |
| | | | | FKA | VCDT S93 | |
| | | | | CCC-A | VCDT | |
| | | | | Coding/Program | Recoding | S1 |
| | | | | | CKM | S2 |
| CBS reset | S3 | | | | | |
| CBS correct | S4 | | | | | |
| Service functions | S5,S6 | | | | | |
| Drive | CAS / FEM | VCDT S13 | | | | |
| | DME / DDE | VCDT S16 | | | | |
| | DME2 | VCDT | | | | |
| | EGS / SMG | VCDT S19 | | | | |
| | EKPS | VCDT S23 | | | | |
| | EME | VCDT | | | | |
| | GWS | VCDT | | | | |
| | SME | VCDT S45 | | | | |
| | AL / AFS / ASA | VCDT S30 | | | | |
| | ICM | VCDT S31 | | | | |



BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|-----------------|----------|
| | | Chassis | ACC/FRR/LRR | VCDT |
| | | | RDC | VCDT |
| | | | ABS / ACS / DSC | VCDT S28 |
| | | | EMF | VCDT S34 |

| | | | | |
|----------------|-------------|------|--|----------|
| 2012- | F30/F31/F35 | Body | EPS | VCDT S37 |
| | | | EHC | VCDT S40 |
| | | | ICMV | VCDT S42 |
| | | | SRS / SIM / MRS / ACSM | VCDT S50 |
| | | | SZL | VCDT S51 |
| | | | TR SVC | VCDTF |
| | | | HC / SWW | VCDT |
| | | | SCR | VCDT |
| | | | HKFM | VCDT |
| | | | SVT | VCDT |
| | | | GHAS | VCDT |
| | | | ZGW | VCDT S98 |
| | | | PMA | VCDT |
| | | | DVDC / MMC | VCDT |
| | | | TBX | VCDT |
| | | | TCU / ULF / Tel | VCDT |
| | | | AMP / AMPH / AMPT | VCDT |
| | | | EME2 | VCDT |
| | | | ASD | VCDT |
| | | | SECUR1 | VCDT |
| | | | SECUR2 | VCDT |
| | | | VM | VCDT |
| | | | EMALI | VCDT S69 |
| | | | EMARE | VCDT S70 |
| | | | CANSIN | VCDT |
| | | | FZD | VCDT S72 |
| | | | KAFAS | VCDT |
| | | | FLA | VCDT |
| | | | IKE / KOM / KOMBI | VCDT S77 |
| | | | CBX-ECALL | VCDT |
| | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC-BO | VCDT S80 |
| | | | PDC | VCDT |
| | | | CON / ZBE | VCDT |
| | | | SMFAH | VCDT S83 |
| | | | SMBFH | VCDT S84 |
| | | | SMFA | VCDT S81 |
| | | | SMBF | VCDT S82 |
| | | | AHM | VCDT |
| | | FRM | VCDT S88 | |
| | | VDC | VCDT S89 | |
| IHKA / IHKR | VCDT S92 | | | |
| Coding/Program | Recoding | S1 | | |
| | CBS reset | S3 | | |
| | CBS correct | S4 | | |



BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|-------------------|----------|
| | | | Service functions | S5,S6 |
| | | | CAS / FEM | VCDT S13 |
| | | | DME / DDE | VCDT S16 |
| | | | DME2 | VCDT |
| | | Drive | EGS / SMG | VCDT S19 |
| | | | EKPS | VCDT S23 |

| | | | | | | |
|--|--|--|---|-----------------|------------------------|----------|
| | | | | EME | VCDT | |
| | | | | GWS | VCDT | |
| | | | Chassis | SME | VCDT S45 | |
| | | | | AL / AFS / ASA | VCDT S30 | |
| | | | | ICM | VCDT S31 | |
| | | | | ACC/FRR/LRR | VCDT | |
| | | | | RDC | VCDT | |
| | | | | ABS / ACS / DSC | VCDT S28 | |
| | | | | EMF | VCDT S34 | |
| | | | | EPS | VCDT S37 | |
| | | | | EHC | VCDT S40 | |
| | | | | ICMV | VCDT S42 | |
| | | | | Body | SRS / SIM / MRS / ACSM | VCDT S50 |
| | | | | | SZL | VCDT S51 |
| | | | TRSVc | | VCDT | |
| | | | HC / SWW | | VCDT | |
| | | | SCR | | VCDT | |
| | | | HKFM | | VCDT | |
| | | | SVT | | VCDT | |
| | | | GHAS | | VCDT | |
| | | | ZGW | | VCDT S98 | |
| | | | PMA | | VCDT | |
| | | | DVDC / MMC | | VCDT | |
| | | | TBX | | VCDT | |
| | | | TCU / ULF / Tel | | VCDT | |
| | | | AMP / AMPH / AMPT | | VCDT | |
| | | | EME2 | | VCDT | |
| | | | ASD | | VCDT | |
| | | | SECUR1 | | VCDT | |
| | | | SECUR2 | | VCDT | |
| | | | VM | | VCDT | |
| | | | EMALI | | VCDT S69 | |
| | | | EMARE | | VCDT S70 | |
| | | | CANSIN | | VCDT | |
| | | | FZD | | VCDT S72 | |
| | | | KAFAS | | VCDT | |
| | | | FLA | | VCDT | |
| | | | IKE / KOM / KOMBI | | VCDT S77 | |
| | | | CBX-ECALL | | VCDT | |
| | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S80 | | |
| | | | PDC | VCDT | | |
| | | | CON / ZBE | VCDT | | |



BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|-------------|----------|
| | | | SMFAH | VCDT S83 |
| | | | SMBFH | VCDT S84 |
| | | | SMFA | VCDT S81 |
| | | | SMBF | VCDT S82 |
| | | | AHM | VCDT |
| | | | FRM | VCDT S88 |
| | | | VDC | VCDT S89 |
| | | | IHKA / IHKR | VCDT S92 |

| | | | | | | |
|--------|-------------------|----------|----------------|------------------------|-------------------|-------|
| | | | Coding/Program | Recoding | S1 | |
| | | | | | CBS reset | S3 |
| | | | | | CBS correct | S4 |
| | | | | | Service functions | S5,S6 |
| 2013 - | F32/F33/F36 | Drive | | CAS / FEM | VCDT S13 | |
| | | | | DME / DDE | VCDT S16 | |
| | | | | DME2 | VCDT | |
| | | | | EGS / SMG | VCDT S19 | |
| | | | | EKPS | VCDT S23 | |
| | | | | VTG/LMV | VCDT S22 | |
| | | | | EME | VCDT | |
| | | | | GWS | VCDT | |
| | | | | SME | VCDT S45 | |
| | | | | AL / AFS / ASA | VCDT S30 | |
| | | Chassis | | ICM | VCDT S31 | |
| | | | | ACC/FRR/LRR | VCDT | |
| | | | | RDC | VCDT | |
| | | | | ABS / ACS / DSC | VCDT S28 | |
| | | | | EMF | VCDT S34 | |
| | | | | EPS | VCDT S37 | |
| | | | | EHC | VCDT S40 | |
| | | | | ICMV | VCDT S42 | |
| | | | | SRS / SIM / MRS / ACSM | VCDT S50 | |
| | | | | SZL | VCDT S51 | |
| | | | | TRSVc | VCDTF | |
| | | | | HC / SWW | VCDT | |
| | | | | HKFM | VCDT | |
| | | | | SVT | VCDT | |
| | | | | GHAS | VCDT | |
| | | | | ZGW | VCDT S98 | |
| | | | | CVM / CTM | VCDT | |
| | | | | PMA | VCDT | |
| | | | | DVDC / MMC | VCDT | |
| | | | | TBX | VCDT | |
| | TCU / ULF / Tel | | VCDT | | | |
| | AMP / AMPH / AMPT | | VCDT | | | |
| | EME2 | | VCDT | | | |
| | ASD | | VCDT | | | |
| | SECUR1 | | VCDT | | | |
| | SECUR2 | VCDT | | | | |
| | VM | VCDT | | | | |
| | EMALI | VCDT S69 | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | Body | SyStem | Function |
|--------|------|---------|------|-------------------|---------------|
| | | | | EMARE | VCDT S70 |
| | | | | CANSIN | VCDT |
| | | | | FZD | VCDT S72 |
| | | | | KAFAS | VCDTF S104 |
| | | | | FLA | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT S77 |
| | | | | CBX-ECALL | VCDT |

| | | | | | | |
|----------|------------------------|-----------------|----------|---|-------------------|-------|
| 4 Series | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S80 | |
| | | | | PDC | VCDT | |
| | | | | CON / ZBE | VCDT | |
| | | | | SMFAH | VCDT S83 | |
| | | | | SMBFH | VCDT S84 | |
| | | | | SMFA | VCDT S81 | |
| | | | | SMBF | VCDT S82 | |
| | | | | AHM | VCDT | |
| | | | | FRM | VCDT S88 | |
| | | | | VDC | VCDT S89 | |
| | | | | IHKA / IHKR | VCDT S92 | |
| | | | | Coding/Program | Recoding | |
| | | | | | CBS reset | S3 |
| | | | | | CBS correct | S4 |
| | | | | | Service functions | S5,S6 |
| | Drive | CAS / FEM | VCDT S13 | | | |
| | | DME / DDE | VCDT S16 | | | |
| | | DME2 | VCDT | | | |
| | | EGS / SMG | VCDT S19 | | | |
| | | EKPS | VCDT S23 | | | |
| | | VTG/LMV | VCDT S22 | | | |
| | | EME | VCDT | | | |
| | | GWS | VCDT | | | |
| | Chassis | SME | VCDT S45 | | | |
| | | AL / AFS / ASA | VCDT S30 | | | |
| | | ICM | VCDT S31 | | | |
| | | ACC/FRR/LRR | VCDT | | | |
| | | RDC | VCDT | | | |
| | | ABS / ACS / DSC | VCDT S28 | | | |
| | | EMF | VCDT S34 | | | |
| | | EPS | VCDT S37 | | | |
| | | EHC | VCDT S40 | | | |
| | | ICMV | VCDT S42 | | | |
| | SRS / SIM / MRS / ACSM | VCDT S50 | | | | |
| | SZL | VCDT S51 | | | | |
| | TRSVc | VCDT | | | | |
| | HC / SWW | VCDT | | | | |
| | HKFM | VCDT | | | | |
| | SVT | VCDT | | | | |
| | GHAS | VCDT | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|--|-------------------|----------|
| | | | | ZGW | VCDT S98 |
| | | | | CVM / CTM | VCDT |
| | | | | PMA | VCDT |
| | | | | DVDC / MMC | VCDT |
| | | | | TBX | VCDT |
| | | | | TCU / ULF / Tel | VCDT |
| | | | | AMP / AMPH / AMPT | VCDT |
| | | | | EME2 | VCDT |
| | | | | ASD | VCDT |
| | | | | SECUR1 | VCDT |

| | | | | | |
|--|--|----------------|------------------------|---|----------|
| | | | Body | SECUR2 | VCDT |
| | | | | VM | VCDT |
| | | | | EMALI | VCDT S69 |
| | | | | EMARE | VCDT S70 |
| | | | | CANSIN | VCDT |
| | | | | FZD | VCDT S72 |
| | | | | KAFAS | VCDT |
| | | | | FLA | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT S77 |
| | | | | CBX-ECALL | VCDT |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S80 |
| | | | | PDC | VCDT |
| | | | | CON / ZBE | VCDT |
| | | | | SMFAH | VCDT S83 |
| | | | | SMBFH | VCDT S84 |
| | | | | SMFA | VCDT S81 |
| | | | | SMBF | VCDT S82 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S88 |
| | | | | VDC | VCDT S89 |
| | | | IHKA / IHKR | VCDT S92 | |
| | | Coding/Program | Recoding | S1 | |
| | | | CBS reset | S3 | |
| | | | CBS correct | S4 | |
| | | | Service functions | S5,S6 | |
| | | Drive | EWS | VCDT S11 | |
| | | | DME / DDE | VCDT S14 | |
| | | | EGS / SMG | VCDT S17 | |
| | | Chassis | ABS / ACS / DSC | VCDT | |
| | | | EHC | VCDT | |
| | | | ZKE | VCDT | |
| | | | SRS / SIM / MRS / ACSM | VCDT | |
| | | | CVM / CTM | VCDT | |
| | | | DWA | VCDT | |
| | | | SHD | VCDT | |
| | | | IKE / KOM / KOMBI | VCDTF S75 | |
| | | | PDC | VCDT | |
| | | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|-----------|---------|------|-------------|----------|
| | 1982-1988 | E28 | Body | RAD | VCDT |
| | | | | LSZ / LCM | VCDT |
| | | | | IHKA / IHKR | VCDT S90 |
| | | | | GR | VCDT |
| | | | | MID | VCDT |
| | | | | ADS | VCDT |
| | | | | AHK | VCDT |
| | | | | EKM | VCDT |
| | | | | EML | VCDT |
| | | | | FHK | VCDT |
| | | | | GSA | VCDT |
| | | | | URS | VCDT S99 |

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|-----------|-----|----------------|------------------------|-----------|-----|-----------|
| | | | VMX | VCDT | | |
| | | | VNC | VCDT | | |
| | | | XEN | VCDT | | |
| | | | SPM / SM | VCDT | | |
| | | Coding/Program | Recoding | S1 | | |
| | | | Service functions | S7 | | |
| 1989-1996 | E34 | Drive | EWS | VCDT S11 | | |
| | | | DME / DDE | VCDT S14 | | |
| | | | EGS / SMG | VCDT S17 | | |
| | | Chassis | ABS / ACS / DSC | VCDT S26 | | |
| | | | EHC | VCDT S38 | | |
| | | Body | ZKE | VCDT S46 | | |
| | | | SRS / SIM / MRS / ACSM | VCDT | | |
| | | | CVM / CTM | VCDT | | |
| | | | DWA | VCDT | | |
| | | | SHD | VCDT | | |
| | | | IKE / KOM / KOMBI | VCDTF S75 | | |
| | | | PDC | VCDT | | |
| | | | RAD | VCDT | | |
| | | | LSZ / LCM | VCDT | | |
| | | | IHKA / IHKR | VCDT S90 | | |
| | | | GR | VCDT | | |
| | | | MID | VCDT | | |
| | | | ADS | VCDT | | |
| | | | AHK | VCDT | | |
| | | | EKM | VCDT | | |
| | | | EML | VCDT | | |
| | | | FHK | VCDT | | |
| | | | GSA | VCDT | | |
| | | | URS | VCDT S99 | | |
| | | | VMX | VCDT | | |
| | | VNC | VCDT | | | |
| | | XEN | VCDT | | | |
| | | SPM / SM | VCDT | | | |
| | | Coding/Program | Recoding | S1 | | |
| | | | Service functions | S7 | | |
| | | | | | EWS | VCDTF S11 |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|---------|------------------------|-----------|
| | | | Drive | DME / DDE | VCDTF S14 |
| | | | | EGS / SMG | VCDTF S17 |
| | | | Chassis | ABS / ACS / DSC | VCDTF S26 |
| | | | | EHC | VCDT S38 |
| | | | | LEW | VCDT |
| | | | | ZKE | VCDT S46 |
| | | | | SRS / SIM / MRS / ACSM | VCDT |
| | | | | NAV | VCDT S58 |
| | | | | SHD | VCDT |
| | | | | MFL | VCDT |
| | | | | IKE / KOM / KOMBI | VCDTF S75 |
| | | | | PDC | VCDT |
| | | | | SZM / BZM | VCDT |

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|-------------------|----------|---------|----------------------------|-----------|
| 1997-2003 | E39 | Body | RAD | VCDT |
| | | | DSP | VCDT |
| | | | STH | VCDT |
| | | | LSZ / LCM | VCDT |
| | | | IHKA / IHKR | VCDT S90 |
| | | | GR | VCDT |
| | | | SES | VCDT |
| | | | MID | VC |
| | | | BIT | VCDT S96 |
| | | | AIC | VCDT S97 |
| | | | VID | VCDT |
| | | | BM | VCDT |
| | | | LRA | VCDT |
| | | | SPM / SM | VCDT |
| | | | Coding/Program | Recoding |
| CKM | S2 | | | |
| Service functions | S5,S7 | | | |
| | | Drive | CAS / FEM | VCDTF S12 |
| | | | DME / DDE | VCDTF S15 |
| | | | EGS / SMG | VCDTF S18 |
| | | | EKPS | VCDTF |
| | | | GWS | VCDT |
| | | Chassis | ABS / ACS / DSC | VCDTF S27 |
| | | | AL / AFS / ASA | VCDT S29 |
| | | | LDM | VCDT |
| | | | RDC | VCDT |
| | | | ACC / FRR / LRR | VCDT |
| | | | ARS | VCDT S32 |
| | | | EHC | VCDT S39 |
| | | | EDC / VDC | VCDT S41 |
| | | | SGM-ZGM / KGM / JBE / JBBF | VCDTF S47 |
| | | | SRS / SIM / MRS / ACSM | VCDTF S49 |
| SZL | VCDT | | | |
| TMFA | VCDT S52 | | | |



BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|-------------------|----------|
| | | | TMBF | VCDT S53 |
| | | | SBSL | VCDT |
| | | | SBSR | VCDT |
| | | | SFZ | VCDT |
| | | | AHL | VCDT |
| | | | CVM / CTM | VCDT |
| | | | CA | VCDT |
| | | | DVDC / MMC | VCDT |
| | | | SVS | VCDT |
| | | | TCU / ULF / Tel | VCDT S57 |
| | | | AMP / AMPH / AMPT | VCDTF |
| | | | KHI / KHM | VCDT |
| | | | NAV | VCDT S59 |
| | | | CDC | VCDT |
| | | | HUD | VCDT |
| | | | CCC-ASK | VCDT |

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|-------------|-----------|---------|------|------------------------------|--------------|
| 5 Series | 2004-2010 | E60/E61 | Body | DWA | VCDT S60 |
| | | | | PM / MPM | VCDT S61 |
| | | | | SHD | VCDT S62 |
| | | | | RLS / RLSS | VCDT S63 |
| | | | | ANT | VCDT |
| | | | | VM | VCDT |
| | | | | SINE | VCDT |
| | | | | SDARS | VCDT |
| | | | | ULF-SBX-H | VCDT |
| | | | | NVE / NIVI | VCDT |
| | | | | ALBFA | VCDT S73 |
| | | | | ALBBF | VCDT S74 |
| | | | | DAB | VCDT |
| | | | | TLC | VCDT |
| | | | | FLA | VCDT |
| | | | | INSTR | VCDTF S76 |
| | | | | PDC | VCDT |
| | | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 |
| | | | | CD / M-ASK-BO / RAD / CIC / | VCDT S79 |
| | | | | RAD2- | |
| | | | | FRM | VCDT S87 |
| | | | | SZM / BZM | VCDT |
| | | | | CON / ZBE | VCDT |
| | | | | HKL / HKFM | VCDT S85 |
| | | | | SMFA | VCDT |
| | | | | SMBF | VCDT S101 |
| | | | | LM | VCDT |
| | | | | AHM | VCDT |
| | | | | KBM | VCDT |
| | | | | CID | VCDT |
| IHKA / IHKR | VCDT S91 | | | | |
| SHZH | VCDT S95 | | | | |
| NVK | VCDT | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|----------------|-------------------|----------|
| | | | | CCC-A | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | | | | CKM | S2 |
| | | | | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | Drive | CAS / FEM | VCDT S13 |
| | | | | DME / DDE | VCDT S16 |
| | | | | DME2 | VCDT |
| | | | | EGS / SMG | VCDT S19 |
| | | | | VTG / LMV | VCDT S22 |
| | | | | EKPS | VCDT S23 |
| | | | | GWS | VCDT |
| | | | | AL / AFS / ASA | VCDT S30 |
| | | | | ICM | VCDT S31 |
| | | | | ACC/FRR/LRR | VCDT |
| | | | | RDC | VCDT |

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|--|-------|---------|---------|----------------------------|---------------|
| | | | Chassis | ABS / ACS / DSC | VCDT S28 |
| | | | | EMF | VCDT S34 |
| | | | | HSR | VCDT S44 |
| | | | | EPS | VCDT S37 |
| | | | | EHC | VCDT S40 |
| | | | | ICMV | VCDT S42 |
| | | | | EDCSVL | VCDT |
| | | | | EDCSVR | VCDT |
| | | | | EDCSHL | VCDT |
| | | | | EDCSHR | VCDT |
| | | | Body | SGM-ZGM / KGM / JBE / JBBF | VCDT S48 |
| | | | | SRS / SIM / MRS / ACSM | VCDT S50 |
| | | | | SZL | VCDT S51 |
| | | | | TRSVK | VCDTF |
| | | | | HC / SWW | VCDT |
| | | | | SVT | VCDT |
| | | | | ZGW | VCDT S98 |
| | | | | RSE | VCDT S56 |
| | | | | DVDC / MMC | VCDT |
| | | | | TBX | VCDT |
| | | | | TCU / ULF / Tel | VCDT |
| | | | | AMP / AMPH / AMPT | VCDT |
| | | | | HUD | VCDT |
| | | | | VSW | VCDT |
| | | | | VM | VCDT |
| | 2009- | GT(F07) | | EMALI | VCDT S69 |
| | | | | EMARE | VCDT S70 |
| | | | | FZD | VCDT S72 |
| | | | | NVE / NIVI | VCDT |
| | | | | KAFAS | VCDTF S104 |
| | | | | FLA | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT S77 |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|---|----------|
| | | | CBX-ECALL | VCDT |
| | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S80 |
| | | | PDC | VCDT |
| | | | CON / ZBE | VCDT |
| | | | SMFAH | VCDT S83 |
| | | | SMBFH | VCDT S84 |
| | | | HKL / HKFM | VCDT S86 |
| | | | SMFA | VCDT S81 |
| | | | SMBF | VCDT S82 |
| | | | AHM | VCDT |
| | | | FRM | VCDT S88 |
| | | | CID | VCDT |
| | | | FD / CID | VCDT |
| | | | CIDF2 | VCDT |
| | | | VDC | VCDT S89 |
| | | | IHKA / IHKR | VCDT S92 |

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|--|--|----------------|----------------------------|--------------|
| | | | FKA | VCDT |
| | | Coding/Program | Recoding | S1 |
| | | | CBS reset | S3 |
| | | | CBS correct | S4 |
| | | | Service functions | S5,S6 |
| | | | CAS / FEM | VCDT S13 |
| | | Drive | DME / DDE | VCDT S16 |
| | | | DME2 | VCDT |
| | | | EGS / SMG | VCDT S19 |
| | | | VTG / LMV | VCDT S22 |
| | | | EKPS | VCDT S23 |
| | | | GWS | VCDT |
| | | | EME | VCDT |
| | | | SME | VCDT S45 |
| | | | AL / AFS / ASA | VCDT S30 |
| | | | ICM | VCDT S31 |
| | | Chassis | ACC/FRR/LRR | VCDT S103 |
| | | | RDC | VCDT |
| | | | ABS / ACS / DSC | VCDT S28 |
| | | | EMF | VCDT S34 |
| | | | HSR | VCDT S44 |
| | | | EPS | VCDT S37 |
| | | | EHC | VCDT S40 |
| | | | ICMV | VCDT S42 |
| | | | EDCSVL | VCDT |
| | | | EDCSVR | VCDT |
| | | | EDCSHL | VCDT |
| | | | EDCSHR | VCDT |
| | | | SGM-ZGM / KGM / JBE / JBBF | VCDT S48 |
| | | | SRS / SIM / MRS / ACSM | VCDT S50 |
| | | SZL | VCDTF S51 | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|-------------------|---------------|
| | | | TRSVc | VCDTF S105 |
| | | | HC / SWW | VCDT |
| | | | SCR | VCDT |
| | | | HKFM | VCDT |
| | | | SVT | VCDT |
| | | | GHAS | VCDT |
| | | | ZGW | VCDT S98 |
| | | | CVM / CTM | VCDT |
| | | | RSE | VCDT S56 |
| | | | PMA | VCDT |
| | | | DVDC / MMC | VCDT |
| | | | TBX | VCDT |
| | | | TCU / ULF / Tel | VCDT |
| | | | AMP / AMPH / AMPT | VCDT |
| | | | EME2 | VCDT |
| | | | HUD | VCDT |
| | | | ASD | VCDT |
| | | | VSW | VCDT |
| | | | SECUR1 | VCDT |

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|--|--|--|--|---|---------------|
| | | | | SECUR2 | VCDT |
| | | | | VM | VCDT |
| | | | | EMALI | VCDT S69 |
| | | | | EMARE | VCDT S70 |
| | | | | CANSIN | VCDT |
| | | | | FZD | VCDT S72 |
| | | | | NVE / NIVI | VCDT |
| | | | | KAFAS | VCDTF S104 |
| | | | | FLA | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT S77 |
| | | | | CBX-ECALL | VCDT |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S80 |
| | | | | PDC | VCDT |
| | | | | CON / ZBE | VCDT |
| | | | | FCON / ZBEF | VCDT |
| | | | | SMFAH | VCDT S83 |
| | | | | SMBFH | VCDT S84 |
| | | | | HKL / HKFM | VCDT S86 |
| | | | | SMFA | VCDT S81 |
| | | | | SMBF | VCDT S82 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S88 |
| | | | | CID | VCDT |
| | | | | FD / CID | VCDT |
| | | | | CIDF2 | VCDT |
| | | | | VDC | VCDT S89 |
| | | | | RFK | VCDT |

Body

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|-----------|---------|----------------|------------------------|----------|
| | | | | IHKA / IHKR | VCDT S92 |
| | | | | FKA | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | | | | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | | Drive | EWS |
| | | | | DME / DDE | VCDT S14 |
| | | | Chassis | ABS / ACS / DSC | VCDT S26 |
| | | | | EHC | VCDT S38 |
| | | | | ZKE | VCDT S46 |
| | | | | SRS / SIM / MRS / ACSM | VCDT |
| | | | | CVM / CTM | VCDT |
| | | | | DWA | VCDT |
| | | | | SHD | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT |
| | | | | PDC | VCDT |
| | | | | RAD | VCDT |
| | | | | LSZ / LCM | VCDT |
| | | | | IHKA / IHKR | VCDT S90 |
| | | | | GR | VCDT |
| | 1980-1989 | E24 | | | |

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|---------|----------------|-------------------|----------------------------|-----------------|-----------|
| | | Body | MID | VCDT | |
| | | | ADS | VCDT | |
| | | | EKM | VCDT | |
| | | | EML | VCDT | |
| | | | URS | VCDT S99 | |
| | | | VMX | VCDT | |
| | | | VNC | VCDT | |
| | | | XEN | VCDT | |
| | | | SPM / SM | VCDT | |
| | | | Recoding | S1 | |
| | Coding/Program | Service functions | S7 | | |
| | | CAS / FEM | VCDTF S12 | | |
| | | | Drive | DME / DDE | VCDTF S15 |
| | | | | EGS / SMG | VCDTF S18 |
| | | | | EKPS | VCDTF |
| | | | | GWS | VCDT |
| | | | | ABS / ACS / DSC | VCDTF S27 |
| | | | | AL / AFS / ASA | VCDT S29 |
| | | | | LDM | VCDT |
| RDC | | | | VCDT | |
| Chassis | | | | ACC / FRR / LRR | VCDT |
| | | | | ARS | VCDT S32 |
| | EHC | VCDT S39 | | | |
| | EDC / VDC | VCDT S41 | | | |
| | | | SGM-ZGM / KGM / JBE / JBBF | VCDTF S47 | |
| | | | SRS / SIM / MRS / ACSM | VCDTF S49 | |
| | | | SZL | VCDT | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|-------------------|----------|
| | | | TMFA | VCDT S52 |
| | | | TMBF | VCDT S53 |
| | | | SBSL | VCDT |
| | | | SBSR | VCDT |
| | | | SFZ | VCDT |
| | | | AHL | VCDT |
| | | | CVM / CTM | VCDT |
| | | | CA | VCDT |
| | | | DVDC / MMC | VCDT |
| | | | SVS | VCDT |
| | | | TCU / ULF / Tel | VCDT S57 |
| | | | AMP / AMPH / AMPT | VCDTF |
| | | | KHI / KHM | VCDT |
| | | | NAV | VCDT S59 |
| | | | CDC | VCDT |
| | | | HUD | VCDT |
| | | | CCC-ASK | VCDT |
| | | | DWA | VCDT S60 |
| | | | PM / MPM | VCDT S61 |
| | | | SHD | VCDT S62 |
| | | | RLS / RLSS | VCDT S63 |
| | | | ANT | VCDT |
| | | | VM | VCDT |

2004-2010 E63/E64

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|----------|--|--|------|---|--------------|
| 6 Series | | | Body | SINE | VCDT |
| | | | | SDARS | VCDT |
| | | | | ULF-SBX-H | VCDTF |
| | | | | NVE / NIVI | VCDT |
| | | | | ALBFA | VCDT S73 |
| | | | | ALBBF | VCDT S74 |
| | | | | DAB | VCDT |
| | | | | TLC | VCDT S107 |
| | | | | FLA | VCDT |
| | | | | INSTR | VCDTF S76 |
| | | | | PDC | VCDT |
| | | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S79 |
| | | | | SZM / BZM | VCDT |
| | | | | CON / ZBE | VCDT |
| | | | | HKL / HKFM | VCDT S85 |
| | | | | SMFA | VCDT |
| | | | | SMBF | VCDT S101 |
| | | | | LM | VCDT |
| | | | | AHM | VCDT |
| | | | | KBM | VCDT S87 |
| | | | | CID | VCDT |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|----------------|-------------------|----------|
| | | | | IHKA / IHKR | VCDT S91 |
| | | | | SHZH | VCDT S95 |
| | | | | NVK | VCDT |
| | | | | CCC-A | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | | | | CKM | S2 |
| | | | | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | Drive | CAS / FEM | VCDT S13 |
| | | | | DME / DDE | VCDT S16 |
| | | | | DME2 | VCDT |
| | | | | EGS / SMG | VCDT S19 |
| | | | | VTG / LMV | VCDT S22 |
| | | | | EKPS | VCDT S23 |
| | | | | GWS | VCDT |
| | | | | EME | VCDT |
| | | | | SME | VCDT S45 |
| | | | | AL / AFS / ASA | VCDT S30 |
| | | | | ICM | VCDT S31 |
| | | | | ACC/FRR/LRR | VCDT |
| | | | | RDC | VCDT |

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|--|-------|---------|---------|----------------------------|----------|
| | | | Chassis | ABS / ACS / DSC | VCDT S28 |
| | | | | EMF | VCDT S34 |
| | | | | HSR | VCDT S44 |
| | | | | EPS | VCDT S37 |
| | | | | EHC | VCDT S40 |
| | | | | ICMV | VCDT S42 |
| | | | | EDCSVL | VCDT |
| | | | | EDCSVR | VCDT |
| | | | | EDCSHL | VCDT |
| | | | | EDCSHR | VCDT |
| | | | | SGM-ZGM / KGM / JBE / JBBF | VCDT S48 |
| | | | | SRS / SIM / MRS / ACSM | VCDT S50 |
| | | | | SZL | VCDT S51 |
| | | | | TR SVC | VCDTF |
| | | | | HC / SWW | VCDT |
| | | | | SCR | VCDT |
| | | | | HKFM | VCDT |
| | | | | SVT | VCDT |
| | | | | GHAS | VCDT |
| | | | | ZGW | VCDT S98 |
| | | | | CVM / CTM | VCDT |
| | | | | RSE | VCDT S56 |
| | | | | PMA | VCDT |
| | | | | DVDC / MMC | VCDT |
| | | | | TBX | VCDT |
| | | | | TCU / ULF / Tel | VCDT |
| | | | | AMP / AMPH / AMPT | VCDT |
| | | | | EME2 | VCDT |
| | 2010- | F12/F13 | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|------|---|---------------|
| | | | Body | HUD | VCDT |
| | | | | ASD | VCDT |
| | | | | VSW | VCDT |
| | | | | SECUR1 | VCDT |
| | | | | SECUR2 | VCDT |
| | | | | VM | VCDT |
| | | | | EMALI | VCDT S69 |
| | | | | EMARE | VCDT S70 |
| | | | | CANSIN | VCDT |
| | | | | FZD | VCDT S72 |
| | | | | NVE / NIVI | VCDT |
| | | | | KAFAS | VCDTF S104 |
| | | | | FLA | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT S77 |
| | | | | CBX-ECALL | VCDT |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S80 |

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|--|--|--|----------------|------------------------|----------|
| | | | | PDC | VCDT |
| | | | | CON / ZBE | VCDT |
| | | | | FCON / ZBEF | VCDT |
| | | | | SMFAH | VCDT S83 |
| | | | | SMBFH | VCDT S84 |
| | | | | HKL / HKFM | VCDT S86 |
| | | | | SMFA | VCDT S81 |
| | | | | SMBF | VCDT S82 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S88 |
| | | | | CID | VCDT |
| | | | | FD / CID | VCDT |
| | | | | CIDF2 | VCDT |
| | | | | VDC | VCDT S89 |
| | | | | RFK | VCDT |
| | | | | IHKA / IHKR | VCDT S92 |
| | | | | FKA | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | | | | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | Drive | EWS | VCDT S11 |
| | | | | DME / DDE | VCDT S14 |
| | | | | EGS / SMG | VCDT S17 |
| | | | Chassis | ABS / ACS / DSC | VCDT |
| | | | | EHC | VCDT |
| | | | | ZKE | VCDT |
| | | | | SRS / SIM / MRS / ACSM | VCDT |
| | | | | CVM / CTM | VCDT |
| | | | | DWA | VCDT |
| | | | | SHD | VCDT |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function | |
|--------|------|---------|------|-------------------|-------------------|----|
| | | | | IKE / KOM / KOMBI | VCDT | |
| | | | | PDC | VCDT | |
| | | | | RAD | VCDT | |
| | | | | LSZ / LCM | VCDT | |
| | | | | IHKA / IHKR | VCDT S90 | |
| | | | Body | GR | VCDT | |
| | | | | MID | VCDT | |
| | | | | ADS | VCDT | |
| | | | | AHK | VCDT | |
| | | | | EKM | VCDT | |
| | | | | EML | VCDT | |
| | | | | FHK | VCDT | |
| | | | | GSA | VCDT | |
| | | | | URS | VCDT S99 | |
| | | | | VMX | VCDT | |
| | | | | VNC | VCDT | |
| | | | | XEN | VCDT | |
| | | | | SPM / SM | VCDT | |
| | | | | Coding/Program | Recoding | S1 |
| | | | | | Service functions | S7 |
| | | | EWS | | VCDT S11 | |

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|----------------|----------|----------|------------------------|-----------|
| 1987-1989 | E32 | Drive | DME / DDE | VCDT S14 |
| | | | EGS / SMG | VCDT S17 |
| | | Chassis | ABS / ACS / DSC | VCDT S26 |
| | | | EHC | VCDT S38 |
| | | Body | ZKE | VCDT S46 |
| | | | SRS / SIM / MRS / ACSM | VCDT |
| | | | CVM / CTM | VCDT |
| | | | DWA | VCDT |
| | | | SHD | VCDT |
| | | | IKE / KOM / KOMBI | VCDTF S75 |
| | | | PDC | VCDT |
| | | | RAD | VCDT |
| | | | LSZ / LCM | VCDT |
| | | | IHKA / IHKR | VCDT S90 |
| | | | GR | VCDT |
| | | | MID | VCDT |
| | | | ADS | VCDT |
| | | | AHK | VCDT |
| | | | EKM | VCDT |
| | | | EML | VCDT |
| | | | FHK | VCDT |
| | | | GSA | VCDT |
| | | | URS | VCDT S99 |
| | | | VMX | VCDT |
| | | VNC | VCDT | |
| | | XEN | VCDT | |
| | | SPM / SM | VCDT | |
| Coding/Program | Recoding | S1 | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|-----------|------|---------|------------------------|-----------|
| 1995-2001 | E38 | Drive | Service functions | S7 |
| | | | EWS | VCDTF S11 |
| | | Drive | DME / DDE | VCDTF S14 |
| | | | EGS / SMG | VCDTF S17 |
| | | Chassis | ABS / ACS / DSC | VCDTF S26 |
| | | | EHC | VCDT S38 |
| | | Body | LEW | VCDT |
| | | | ZKE | VCDT S46 |
| | | | SRS / SIM / MRS / ACSM | VCDTF |
| | | | NAV | VCDT S58 |
| | | | SHD | VCDT |
| | | | MFL | VCDT |
| | | | IKE / KOM / KOMBI | VCDTF S75 |
| | | | PDC | VCDT |
| | | | SZM / BZM | VCDT |
| | | | RAD | VCDT |
| | | | DSP | VCDT |
| | | | STH | VCDT |
| | | | LSZ / LCM | VCDT |
| | | | SMF | VCDT |
| | | | IHKA / IHKR | VCDT S90 |
| | | | GR | VCDT |

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|--|--|----------------|-------------------|-----------|
| | | | SES | VCDT |
| | | | MID | VCDT |
| | | | BIT | VCDT S96 |
| | | | AIC | VCDT S97 |
| | | | VID | VCDT |
| | | | BM | VCDT |
| | | | EML | VCDT |
| | | | SPM / SM | VCDT |
| | | Coding/Program | Recoding | S1 |
| | | | CKM | S2 |
| | | | Service functions | S5,S7 |
| | | Drive | CAS / FEM | VCDTF S12 |
| | | | DME / DDE | VCDTF S15 |
| | | | DME2 | VCDT |
| | | | EGS / SMG | VCDTF S18 |
| | | | EKPS | VCDTF |
| | | | VTC | VCDT |
| | | | VTC2 | VCDT |
| | | Chassis | ABS / ACS / DSC | VCDTF S27 |
| | | | RDC | VCDT |
| | | | ACC / FRR / LRR | VCDT |
| | | | ARS | VCDT S32 |
| | | | EMF | VCDT S33 |
| | | | EHC | VCDT S39 |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|----------------------------|-----------|
| | | | EDC / VDC | VCDT S41 |
| | | | CIM | VCDT S43 |
| | | | SGM-ZGM / KGM / JBE / JBBF | VCDTF S47 |
| | | | SRS / SIM / MRS / ACSM | VCDTF S49 |
| | | | SASL | VCDT |
| | | | SASR | VCDT |
| | | | STVL / CDM | VCDT |
| | | | STVR | VCDT |
| | | | SSFA | VCDT |
| | | | SSBF | VCDT |
| | | | SBSL | VCDT |
| | | | SBSR | VCDT |
| | | | SSH / HKFM | VCDT |
| | | | SFZ | VCDT |
| | | | CEM | VCDT |
| | | | AHL | VCDT |
| | | | CA | VCDT |
| | | | DVDC / MMC | VCDT |
| | | | SG-FD-GW | VCDT |
| | | | SG-FD | VCDT |
| | | | SVS | VCDT |
| | | | TCU / ULF / Tel | VCDT S57 |
| | | | AMP / AMPH / AMPT | VCDTF |
| | | | KHI / KHM | VCDT |

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|--|-----------|---------|------|------------|-----------|
| | 2002-2008 | E65/E66 | Body | NAV | VCDT S59 |
| | | | | CDC | VCDT |
| | | | | CCC-ASK | VCDT |
| | | | | DWA | VCDT S60 |
| | | | | PM / MPM | VCDT S61 |
| | | | | SHD | VCDT S62 |
| | | | | RLS / RLSS | VCDT S63 |
| | | | | WIM | VCDT S64 |
| | | | | ANT | VCDT |
| | | | | VM | VCDT |
| | | | | SEC | VCDT |
| | | | | TMFAT | VCDT S65 |
| | | | | TMBFT | VCDT S66 |
| | | | | TMFAH | VCDT S67 |
| | | | | TMBFH | VCDT S68 |
| | | | | SINE | VCDT |
| | | | | IBOC | VCDT |
| | | | | SDARS | VCDT |
| | | | | NVE / NIVI | VCDT |
| | | | | DAB | VCDT |
| | | | | FLA | VCDT |
| | | | | INSTR | VCDTF S76 |
| | | | | PDC | VCDT |
| | | | | FBI | VCDT |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|----------------|------------------------------|--------------|
| | | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 |
| | | | | CD / M-ASK-BO / RAD / CIC / | VCDT S79 |
| | | | | RAD2- | |
| | | | | SZM / BZM | VCDT |
| | | | | FBZM | VCDT |
| | | | | CON / ZBE | VCDT |
| | | | | FCON / ZBEF | VCDT |
| | | | | SMFAH | VCDT |
| | | | | SMBFH | VCDT |
| | | | | HKL / HKFM | VCDT S85 |
| | | | | SMFA | VCDT |
| | | | | SMBF | VCDT S101 |
| | | | | LM | VCDT |
| | | | | AHM | VCDT |
| | | | | FD | VCDT |
| | | | | IHKA / IHKR | VCDT S91 |
| | | | | FKA | VCDT S93 |
| | | | | SHZH | VCDT S95 |
| | | | | NVK | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | | | | CKM | S2 |
| | | | | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | | CAS / FEM | VCDTF S13 |

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|----------|-------|--|---------|-----------------|-----------|
| 7 Series | | | Drive | DME / DDE | VCDTF S16 |
| | | | | DME2 | VCDTF |
| | | | | EGS / SMG | VCDTF S19 |
| | | | | VTG / LMV | VCDTF S22 |
| | | | | EKPS | VCDTF S23 |
| | | | | GWS | VCDT |
| | | | | EME | VCDT S25 |
| | | | Chassis | SME | VCDTF S45 |
| | | | | AL / AFS / ASA | VCDTF S30 |
| | | | | ICM | VCDTF S31 |
| | | | | ACC/FRR/LRR | VCDT S103 |
| | | | | RDC | VCDTF |
| | | | | ABS / ACS / DSC | VCDTF S28 |
| | | | | EMF | VCDTF S34 |
| | | | | HSR | VCDTF S44 |
| | | | | EPS | VCDTF S37 |
| | | | | EHC | VCDTF S40 |
| | | | | ICMV | VCDTF S42 |
| | | | | EDCSVL | VCDTF |
| | | | | EDCSVR | VCDTF |
| EDCSHL | VCDTF | | | | |



BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|----------------------------|------------|
| | | | EDCSHR | VCDTF |
| | | | SGM-ZGM / KGM / JBE / JBBF | VCDT S48 |
| | | | SRS / SIM / MRS / ACSM | VCDTF S50 |
| | | | SZL | VCDTF S51 |
| | | | TRSVC | VCDTF S105 |
| | | | HC / SWW | VCDTF |
| | | | SCR | VCDTF |
| | | | HKFM | VCDTF |
| | | | SVT | VCDTF |
| | | | GHAS | VCDTF |
| | | | ZGW | VCDTF S98 |
| | | | CVM / CTM | VCDTF |
| | | | RSE | VCDTF S56 |
| | | | PMA | VCDTF |
| | | | DVDC / MMC | VCDTF |
| | | | TBX | VCDTF |
| | | | TCU / ULF / Tel | VCDTF |
| | | | AMP / AMPH / AMPT | VCDTF |
| | | | EME2 | VCDTF |
| | | | HUD | VCDTF |
| | | | ASD | VCDTF |
| | | | STML | VCDTF |
| | | | STMR | VCDTF |
| | | | LHML | VCDTF |

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|-------|-----------------|------|--|------------|
| 2008- | F01/F01/F03/F04 | Body | LHMR | VCDTF |
| | | | GZAL | VCDTF |
| | | | GZAR | VCDTF |
| | | | VSW | VCDTF |
| | | | SECUR1 | VCDTF |
| | | | SECUR2 | VCDTF |
| | | | VM | VCDTF |
| | | | EMALI | VCDTF S69 |
| | | | EMARE | VCDTF S70 |
| | | | CANSIN | VCDTF |
| | | | FZD | VCDTF S72 |
| | | | NVE / NIVI | VCDTF |
| | | | KAFAS | VCDTF S104 |
| | | | FLA | VCDTF |
| | | | IKE / KOM / KOMBI | VCDTF S77 |
| | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC-BO | VCDTF S80 |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|----------------|-------------------|-----------|
| | | | | PDC | VCDTF |
| | | | | CON / ZBE | VCDTF |
| | | | | FCON / ZBEF | VCDTF |
| | | | | SMFAH | VCDTF S83 |
| | | | | SMBFH | VCDTF S84 |
| | | | | HKL / HKFM | VCDTF S86 |
| | | | | SMFA | VCDTF S81 |
| | | | | SMBF | VCDTF S82 |
| | | | | AHM | VCDTF |
| | | | | FRM | VCDTF S88 |
| | | | | CID | VCDTF |
| | | | | FD / CID | VCDTF |
| | | | | CIDF2 | VCDTF |
| | | | | VDC | VCDTF S89 |
| | | | | RFK | VCDTF |
| | | | | IHKA / IHKR | VCDTF S92 |
| | | | | FKA | VCDTF |
| | | | | HKA | VCDTF S94 |
| | | | Coding/Program | Recoding | S1 |
| | | | | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | | CAS / FEM | VCDTF S13 |

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|--|--|---------|----------------------------|-----------|
| | | Drive | DME / DDE | VCDTF S16 |
| | | | DME2 | VCDTF |
| | | | EGS / SMG | VCDTF S19 |
| | | | VTG / LMV | VCDTF S22 |
| | | | EKPS | VCDTF S23 |
| | | | GWS | VCDT |
| | | | EME | VCDT S25 |
| | | | SME | VCDTF S45 |
| | | | AL / AFS / ASA | VCDTF S30 |
| | | | ICM | VCDTF S31 |
| | | Chassis | ACC/FRR/LRR | VCDT S103 |
| | | | RDC | VCDTF |
| | | | ABS / ACS / DSC | VCDTF S28 |
| | | | EMF | VCDTF S34 |
| | | | HSR | VCDTF S44 |
| | | | EPS | VCDTF S37 |
| | | | EHC | VCDTF S40 |
| | | | ICMV | VCDTF S42 |
| | | | SGM-ZGM / KGM / JBE / JBBF | VCDT S48 |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|------------------------|-----------|
| | | | SRS / SIM / MRS / ACSM | VCDTF S50 |
| | | | SZL | VCDTF S51 |
| | | | TR SVC | VCDTF |
| | | | HC / SWW | VCDTF |
| | | | SCR | VCDTF |
| | | | HKFM | VCDTF |
| | | | SVT | VCDTF |
| | | | GHAS | VCDTF |
| | | | ZGW | VCDTF S98 |
| | | | CVM / CTM | VCDTF |
| | | | RSE | VCDTF S56 |
| | | | PMA | VCDTF |
| | | | DVDC / MMC | VCDTF |
| | | | TBX | VCDTF |
| | | | TCU / ULF / Tel | VCDTF |
| | | | AMP / AMPH / AMPT | VCDTF |
| | | | EME2 | VCDTF |
| | | | HUD | VCDTF |
| | | | ASD | VCDTF |
| | | | STML | VCDTF |
| | | | STMR | VCDTF |
| | | | LHML | VCDTF |
| | | | LHMR | VCDTF |
| | | | GZAL | VCDTF |
| | | | GZAR | VCDTF |
| | | | VSW | VCDTF |
| | | | SECUR1 | VCDTF |
| | | | SECUR2 | VCDTF |
| | | | VM | VCDTF |

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|--|--|--|------|--|------------|
| | | | | EMALI | VCDTF S69 |
| | | | | EMARE | VCDTF S70 |
| | | | | CANSIN | VCDTF |
| | | | | FZD | VCDTF S72 |
| | | | Body | NVE / NIVI | VCDTF |
| | | | | KAFAS | VCDTF S104 |
| | | | | FLA | VCDTF |
| | | | | IKE / KOM / KOMBI | VCDTF S77 |
| | | | | CBX-ECALL | VCDT |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC-BO | VCDTF S80 |
| | | | | PDC | VCDTF |
| | | | | CON / ZBE | VCDTF |
| | | | | FCON / ZBEF | VCDTF |
| | | | | SMFAH | VCDTF S83 |
| | | | | SMBFH | VCDTF S84 |
| | | | | HKL / HKFM | VCDTF S86 |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|----------------|------------------------|-----------|
| | | | | SMFA | VCDTF S81 |
| | | | | SMBF | VCDTF S82 |
| | | | | AHM | VCDTF |
| | | | | FRM | VCDTF S88 |
| | | | | CID | VCDTF |
| | | | | FD / CID | VCDTF |
| | | | | CIDF2 | VCDTF |
| | | | | VDC | VCDTF S89 |
| | | | | RFK | VCDTF |
| | | | | IHKA / IHKR | VCDTF S92 |
| | | | | CSM | VCDT |
| | | | | SAS | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | | | | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | Drive | EWS | VCDT S11 |
| | | | | DME / DDE | VCDT S14 |
| | | | | EGS / SMG | VCDT S17 |
| | | | Chassis | ABS / ACS / DSC | VCDT |
| | | | | EHC | VCDT |
| | | | | ZKE | VCDT S46 |
| | | | | SRS / SIM / MRS / ACSM | VCDT |
| | | | | CVM / CTM | VCDT |
| | | | | DWA | VCDT |
| | | | | SHD | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT |

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|----------|-------------------|-----------|----------------|-------------|----------|
| 8 Series | 1989-1999 | E31 | Body | PDC | VCDT |
| | | | | RAD | VCDT |
| | | | | LSZ / LCM | VCDT |
| | | | | IHKA / IHKR | VCDT S90 |
| | | | | GR | VCDT |
| | | | | MID | VCDT |
| | | | | EKM | VCDT |
| | | | | EML | VCDT |
| | | | | FHK | VCDT |
| | | | | URS | VCDT S99 |
| | | | | VMX | VCDT |
| | | | | VNC | VCDT |
| | | | | XEN | VCDT |
| | | | | SPM / SM | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | Service functions | S7 | | | |
| | CAS / FEM | VCDTF S12 | | | |
| | DME / DDE | VCDTF S15 | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|-------|---------|------------------------------|----------------------------|-----------|
| | 2009- | X1-E84 | Drive | EGS / SMG | VCDTF S18 |
| | | | | EKPS | VCDTF |
| | | | | GWS | VCDT |
| | | | Chassis | ABS / ACS / DSC | VCDTF S27 |
| | | | | RDC | VCDT |
| | | | | ACC / FRR / LRR | VCDT |
| | | | | EPS | VCDTF S36 |
| | | | | EHC | VCDT S39 |
| | | | | EDC / VDC | VCDT S41 |
| | | | | SGM-ZGM / KGM / JBE / JBBF | VCDTF S47 |
| | | | SRS / SIM / MRS / ACSM | VCDTF S49 | |
| | | | Body | CVM / CTM | VCDT |
| | | | | CA | VCDT |
| | | | | DVDC / MMC | VCDT |
| | | | | TCU / ULF / Tel | VCDT S57 |
| | | | | AMP / AMPH / AMPT | VCDTF |
| | | | | NAV | VCDT S59 |
| | | | | CDC | VCDT |
| | | | | CCC-ASK | VCDT |
| | | | | DWA | VCDT S60 |
| | | | | RLS / RLSS | VCDT S63 |
| | | | | VM | VCDT |
| | | | | SINE | VCDT |
| | | | | ULF-SBX-H | VCDTF |
| | | | | FZD | VCDT S71 |
| | | | | DAB | VCDT |
| | | | | FLA | VCDT |
| | | | INSTR | VCDTF S76 | |
| | | | PDC | VCDT | |
| | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 | |
| | | | CD / M-ASK-BO / RAD / CIC / | VCDT S79 | |

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|--|--|----------------|-------------------|--------------|
| | | | RAD2- | |
| | | | CON / ZBE | VCDT |
| | | | SMFA | VCDT |
| | | | SMBF | VCDT S101 |
| | | | LM | VCDT |
| | | | FRM | VCDT S87 |
| | | | CID | VCDT |
| | | | IHKA / IHKR | VCDT S91 |
| | | Coding/Program | Recoding | S1 |
| | | | CKM | S2 |
| | | | CBS reset | S3 |
| | | | CBS correct | S4 |
| | | | Service functions | S5,S6 |
| | | Drive | CAS / FEM | VCDT S13 |
| | | | DME / DDE | VCDT S16 |
| | | | DME2 | VCDT |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|------|--------------------------------------|----------------------------|
| | | | | EGS / SMG | VCDT S19 |
| | | | | EKPS | VCDT S23 |
| | | | | GWS | VCDT |
| | | Chassis | | ABS / ACS / DSC | VCDT S28 |
| | | | | ICM | VCDT S31 |
| | | | | EMF | VCDT S34 |
| | | | | EPS | VCDT S37 |
| | | | | ICMV | VCDT S42 |
| | | | Body | | SGM-ZGM / KGM / JBE / JBBF |
| | | | | SRS / SIM / MRS / ACSM | VCDT S50 |
| | | | | SZL | VCDT S51 |
| | | | | TR SVC | VCDT |
| | | | | AMP / AMPH / AMPT | VCDT |
| | | | | FZD | VCDT S72 |
| | | | | KAFAS | VCDT |
| | | | | FLA | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT S77 |
| | | | | PDC | VCDT |
| | | | | CBX-ECALL | VCDT |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- | VCDT S80 |
| | | | | CON / ZBE | VCDT |
| | | | | SMFAH | VCDT S83 |
| | | | | SMBFH | VCDT S84 |
| | | | | SMFA | VCDT S82 |
| | | | | SMBF | VCDT S81 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S88 |
| | | | | CID | VCDT |
| | | | | FD | VCDT |
| | | | | VDC | VCDT S89 |
| | | | | IHKA / IHKR | VCDT S92 |
| | | | FKA | VCDT S94 | |
| | | | PMA | VCDT | |
| | | | ZGW | VCDT S98 | |

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|--|--|----------------|-------------------|----------|
| | | | ASD | VCDT |
| | | | TBX | VCDT |
| | | | STML | VCDT |
| | | | STMR | VCDT |
| | | | LHML | VCDT |
| | | | LHMR | VCDT |
| | | | GZAL | VCDT |
| | | | GZAR | VCDT |
| | | Coding/Program | Recoding | S1 |
| | | | CBS reset | S3 |
| | | | CBS correct | S4 |
| | | | Service functions | S5,S6 |
| | | Drive | EWS | VCDT S11 |
| | | | DME / DDE | VCDT S14 |
| | | | EGS / SMG | VCDT S17 |
| | | | VTG / LMV | VCDT S20 |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|----------------|------------------------|-----------|
| | | | | EKPS | VCDT |
| | | | Chassis | ABS / ACS / DSC | VCDT S26 |
| | | | | LEW | VCDT |
| | | | Body | ZKE | VCDT S46 |
| | | | | SRS / SIM / MRS / ACSM | VCDT |
| | | | | NAV | VCDT S58 |
| | | | | SHD | VCDT |
| | | | | MFL | VCDT |
| | | | | IKE / KOM / KOMBI | VCDTF S75 |
| | | | | PDC | VCDT |
| | | | | RAD | VCDT |
| | | | | DSP | VCDT |
| | | | | LSZ / LCM | VCDT |
| | | | | SMF | VCDT |
| | | | | CID | VCDT |
| | | | | IHKA / IHKR | VCDT S90 |
| | | | | BIT | VCDT S96 |
| | | | | AIC | VCDT S97 |
| | | | VID | VCDT | |
| | | | Coding/Program | Recoding | S1 |
| | | | | CKM | S2 |
| | | | | Service functions | S5,S7 |
| | | | Drive | CAS / FEM | VCDT S13 |
| | | | | DME / DDE | VCDT S16 |
| | | | | DME2 | VCDT |
| | | | | EGS / SMG | VCDT S19 |
| | | | | VTG / LMV | VCDT S22 |
| | | | | EKPS | VCDT S23 |
| | | | | GWS | VCDT |
| | | | Chassis | ICM | VCDT S31 |
| | | | | ACC / FRR / LRR | VCDT |
| | | | | RDC | VCDT |
| | | | | ABS / ACS / DSC | VCDT S28 |
| | | | | EMF | VCDT S34 |
| | | | | EPS | VCDT S37 |

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|--|-------|--------|----------------------------|----------|
| | | | ICMV | VCDT S42 |
| | | | SGM-ZGM / KGM / JBE / JBBF | VCDT S48 |
| | | | SRS / SIM / MRS / ACSM | VCDT S50 |
| | | | SZL | VCDT S51 |
| | | | TR SVC | VCDT |
| | | | HC / SWW | VCDT |
| | | | HKFM | VCDT |
| | | | GHAS | VCDT |
| | | | ZGW | VCDT S98 |
| | | | DVDC / MMC | VCDT |
| | | | TBX | VCDT |
| | | | TCU / ULF / Tel | VCDT |
| | | | AMP / AMPH / AMPT | VCDT |
| | | | HUD | VCDT |
| | 2010- | X3-F25 | | |

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BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | SyStem | Function |
|--------|------|---------|---|-----------|
| | | | VM | VCDT |
| | | | FZD | VCDT S72 |
| | | | KAFAS | VCDT |
| | | | FLA | VCDT |
| | | | IKE / KOM / KOMBI | VCDT S77 |
| | | | CBX-ECALL | VCDT |
| | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S80 |
| | | | PDC | VCDT |
| | | | CON / ZBE | VCDT |
| | | | SMFAH | VCDT S83 |
| | | | SMBFH | VCDT S84 |
| | | | HKL / HKFM | VCDT S86 |
| | | | SMFA | VCDT S81 |
| | | | SMBF | VCDT S82 |
| | | | AHM | VCDT |
| | | | FRM | VCDT S88 |
| | | | CID | VCDT |
| | | | VDC | VCDT S89 |
| | | | IHKA / IHKR | VCDT S92 |
| | | | Recoding | S1 |
| | | | CBS reset | S3 |
| | | | CBS correct | S4 |
| | | | Service functions | S5,S6 |
| | | | EWS | VCDTF S11 |
| | | | DME / DDE | VCDTF S14 |
| | | | EGS / SMG | VCDTF S17 |
| | | | ABS / ACS / DSC | VCDTF S26 |
| | | | RDC | VCDT |
| | | | EHC | VCDT S38 |
| | | | LEW | VCDT |
| | | | ZKE | VCDT S46 |
| | | | SRS / SIM / MRS / ACSM | VCDTF |
| | | | Body | |
| | | | Coding/Program | |
| | | | Drive | |
| | | | Chassis | |

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|--|--|--|--|-------------------|-----------|
| | | | | NAV | VCDT S58 |
| | | | | SHD | VCDT |
| | | | | MFL | VCDT |
| | | | | IKE / KOM / KOMBI | VCDTF S75 |
| | | | | PDC | VCDT |
| | | | | SZM / BZM | VCDT |
| | | | | RAD | VCDT |
| | | | | DSP | VCDT |
| | | | | STH | VCDT |
| | | | | LSZ / LCM | VCDT |
| | | | | SMF | VCDT |
| | | | | IHKA / IHKR | VCDT S90 |
| | | | | GR | VCDT |
| | | | | SES | VCDT |

1998-2006 X5-E53

Body

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|-----------------|----------------------------|-----------------|
| | | | | BIT | VCDT S96 |
| | | | | AIC | VCDT S97 |
| | | | | VID | VCDT |
| | | | | BM | VCDT |
| | | | | SPM / SM | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | | | | CKM | S2 |
| | | | | Service functions | S5,S7 |
| | | | Drive | CAS / FEM | VCDTF S12 |
| | | | | DME / DDE | VCDTF S15 |
| | | | | EGS / SMG | VCDTF S18 |
| | | | | VTG / LMV | VCDTF S21 |
| | | | | EKPS | VCDTF |
| | | | | VTC | VCDT |
| | | | | VTC2 | VCDT |
| | | | | GWS | VCDT |
| | | | | QMVH | VCDT |
| | | | | Chassis | ABS / ACS / DSC |
| | | | AL / AFS / ASA | | VCDT S29 |
| | | | RDC | | VCDT |
| | | | ACC / FRR / LRR | | VCDT |
| | | | ARS | | VCDT S32 |
| | | | EMF | | VCDT S33 |
| | | | EHC | | VCDT S39 |
| | | | VDM | | VCDT |
| | | | EDCSVL | | VCDT |
| | | | EDCSVR | | VCDT |
| | | | EDCSHL | VCDT | |
| | | | EDCSHR | VCDT | |
| | | | | SGM-ZGM / KGM / JBE / JBBF | VCDTF S47 |
| | | | | SRS / SIM / MRS / ACSM | VCDTF S49 |
| | | | | RSE | VCDT S55 |
| | | | | CA | VCDT |
| | | | | DVDC / MMC | VCDT |
| | | | | TCU / ULF / Tel | VCDT S57 |
| | | | | AMP / AMPH / AMPT | VCDTF |

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|--|--|--|------------|----------|
| | | | KHI / KHM | VCDT |
| | | | NAV | VCDT S59 |
| | | | CDC | VCDT |
| | | | HUD | VCDT |
| | | | CCC-ASK | VCDT |
| | | | RLS / RLSS | VCDT S63 |
| | | | ANT | VCDT |
| | | | VSW | VCDT |
| | | | VM | VCDT |
| | | | SINE | VCDT |
| | | | IBOC | VCDT |
| | | | SDARS | VCDT |
| | | | ULF-SBX-H | VCDTF |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|-------------|------|---------|----------------|------------------------------|-----------|
| X Series | | | Body | FZD | VCDT S71 |
| | | | | DAB | VCDT |
| | | | | FLA | VCDT |
| | | | | INSTR | VCDTF S76 |
| | | | | PDC | VCDT |
| | | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 |
| | | | | CD / M-ASK-BO / RAD / CIC / | VCDT S79 |
| | | | | RAD2- | |
| | | | | CON / ZBE | VCDT |
| | | | | HKL / HKFM | VCDT S85 |
| | | | | SMFA | VCDT |
| | | | | SMBF | VCDT S101 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S87 |
| | | | | CID | VCDT |
| | | | | FD | VCDT |
| | | | | RFK | VCDT |
| | | | | IHKA / IHKR | VCDT S91 |
| | | | FKA | VCDT S93 | |
| | | | CCC-A | VCDT | |
| | | | Coding/Program | Recoding | S1 |
| | | | | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | Drive | CAS / FEM | VCDT S13 |
| | | | | DME / DDE | VCDT S16 |
| | | | | DME2 | VCDT |
| | | | | EGS / SMG | VCDT S19 |
| | | | | EKPS | VCDT S23 |
| | | | | VTG/LMV | VCDT S22 |
| | | | | EME | VCDT |
| | | | | QMVH | VCDT |
| | | | | GWS | VCDT |
| | | | | SME | VCDT S45 |
| | | | | AL / AFS / ASA | VCDT S30 |
| | | | | ICM | VCDT S31 |
| ACC/FRR/LRR | VCDT | | | | |

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|--|--|--|---------|----------------------------|-----------|
| | | | | RDC | VCDT |
| | | | Chassis | ABS / ACS / DSC | VCDT S28 |
| | | | | EMF | VCDT S34 |
| | | | | EPS | VCDT S37 |
| | | | | EHC | VCDT S40 |
| | | | | ICMV | VCDT S42 |
| | | | | SGM-ZGM / KGM / JBE / JBBF | VCDT S48 |
| | | | | SRS / SIM / MRS / ACSM | VCDT S50 |
| | | | | SZL | VCDT S51 |
| | | | | TRSV | VCDT S105 |
| | | | | HC / SWW | VCDT |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|------|--|------------|
| | | | | HKFM | VCDT |
| | | | | SVT | VCDT |
| | | | | ZGW | VCDT S98 |
| | | | | LIM | VCDT |
| | | | | RSE | VCDT S56 |
| | | | | PMA | VCDT |
| | | | | DVDC / MMC | VCDT |
| | | | | TBX | VCDT |
| | | | | TCU / ULF / Tel | VCDT |
| | | | | AMP / AMPH / AMPT | VCDT |
| | | | | EME2 | VCDT |
| | | | | HUD | VCDT |
| | | | | ASD | VCDT |
| | | | | STML | VCDT |
| | | | | STMR | VCDT |
| | | | | SECUR1 | VCDT |
| | | | | SECUR2 | VCDT |
| | | | | VM | VCDT |
| | | | | EMALI | VCDT S69 |
| | | | | EMARE | VCDT S70 |
| | | | Body | FZD | VCDT S72 |
| | | | | NVE / NIVI | VCDT |
| | | | | KAFAS | VCDTF S104 |
| | | | | FLA | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT S77 |
| | | | | CBX-ECALL | VCDT |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC-BO | VCDT S80 |
| | | | | PDC | VCDT |
| | | | | CON / ZBE | VCDT |
| | | | | SMFAH | VCDT S83 |
| | | | | SMBFH | VCDT S84 |
| | | | | HKL / HKFM | VCDT S86 |
| | | | | SMFA | VCDT S81 |
| | | | | SMBF | VCDT S82 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S88 |

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|--|--|----------------|-------------------|-----------|
| | | | CID | VCDT |
| | | | VDC | VCDT S89 |
| | | | IHKA / IHKR | VCDT S92 |
| | | | FKA | VCDT |
| | | Coding/Program | Recoding | S1 |
| | | | CBS reset | S3 |
| | | | CBS correct | S4 |
| | | | Service functions | S5,S6 |
| | | | CAS / FEM | VCDTF S12 |
| | | | DME / DDE | VCDTF S15 |
| | | | EGS / SMG | VCDTF S18 |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|------------------------|-----------------|----------------------------|
| | | | Drive | VTG / LMV | VCDTF S21 |
| | | | | EKPS | VCDTF |
| | | | | VTC | VCDT |
| | | | | VTC2 | VCDT |
| | | | | GWS | VCDT |
| | | | | QMVH | VCDT S24 |
| | | | Chassis | ABS / ACS / DSC | VCDTF S27 |
| | | | | AL / AFS /ASA | VCDT S29 |
| | | | | RDC | VCDT |
| | | | | ACC / FRR / LRR | VCDT |
| | | | | ARS | VCDT S32 |
| | | | | EMF | VCDT S33 |
| | | | | EHC | VCDT S39 |
| | | | | VDM | VCDT |
| | | | | EDCSVL | VCDT |
| | | | | EDCSVR | VCDT |
| | | | | EDCSHL | VCDT |
| | | | | EDCSHR | VCDT |
| | | | | | SGM-ZGM / KGM / JBE / JBBF |
| | | | SRS / SIM / MRS / ACSM | | VCDTF S49 |
| | | | RSE | | VCDT S55 |
| | | | CA | | VCDT |
| | | | DVDC / MMC | | VCDT |
| | | | TCU / ULF / Tel | | VCDT S57 |
| | | | AMP / AMPH / AMPT | | VCDTF |
| | | | KHI / KHM | | VCDT |
| | | | NAV | | VCDT S59 |
| | | | CDC | | VCDT |
| | | | HUD | | VCDT |
| | | | CCC-ASK | | VCDT |
| | | | RLS / RLSS | | VCDT S63 |
| | | | ANT | | VCDT |
| | | | VSW | | VCDT |
| | | | VM | | VCDT |
| | | | SINE | | VCDT |
| | | | IBOC | | VCDT |
| | | | SDARS | | VCDT |
| | | | ULF-SBX-H | | VCDTF |
| | | | FZD | VCDT S71 | |
| | | | DAB | VCDT | |

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|--|--|--|------|--------------------------------------|-----------|
| | | | Body | FLA | VCDT |
| | | | | INSTR | VCDTF S76 |
| | | | | PDC | VCDT |
| | | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- | VCDT S79 |
| | | | | CON / ZBE | VCDT |
| | | | | HKL / HKFM | VCDT S85 |
| | | | | SMFA | VCDT |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|----------------|----------------------------|-----------------|
| | | | | SMBF | VCDT S101 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S87 |
| | | | | CID | VCDT |
| | | | | FD | VCDT |
| | | | | RFK | VCDT |
| | | | | IHKA / IHKR | VCDT S91 |
| | | | | FKA | VCDT S93 |
| | | | | CCC-A | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | | | | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | Drive | CAS / FEM | VCDTF S12 |
| | | | | DME / DDE | VCDTF S15 |
| | | | | EGS / SMG | VCDTF S18 |
| | | | | VTG / LMV | VCDTF S21 |
| | | | | EKPS | VCDT |
| | | | | VTC | VCDT |
| | | | | VTC2 | VCDT |
| | | | | GWS | VCDT |
| | | | | QMVH | VCDT |
| | | | | Chassis | ABS / ACS / DSC |
| | | | AL / AFS /ASA | | VCDT S29 |
| | | | RDC | | VCDT |
| | | | ARS | | VCDT S32 |
| | | | EMF | | VCDT S33 |
| | | | EHC | | VCDT S39 |
| | | | VDM | | VCDT |
| | | | EDCSVL | | VCDT |
| | | | EDCSVR | | VCDT |
| | | | EDCSHL | | VCDT |
| | | | EDCSHR | VCDT | |
| | | | | SGM-ZGM / KGM / JBE / JBBF | VCDTF S47 |
| | | | | SRS / SIM / MRS / ACSM | VCDTF S49 |
| | | | | RSE | VCDT S55 |
| | | | | CA | VCDT |
| | | | | DVDC / MMC | VCDT |
| | | | | TCU / ULF / Tel | VCDT S57 |

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|--|-------|--------|-------------------|----------|
| | | | AMP / AMPH / AMPT | VCDTF |
| | | | KHI / KHM | VCDT |
| | | | NAV | VCDT S59 |
| | | | CDC | VCDT |
| | | | HUD | VCDT |
| | | | CCC-ASK | VCDT |
| | | | RLS / RLSS | VCDT S63 |
| | | | ANT | VCDT |
| | 2009- | X6-E72 | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|-------------------|------------------------------|--------------|
| | | | Body | VSW | VCDT |
| | | | | VM | VCDT |
| | | | | SINE | VCDT |
| | | | | IBOC | VCDT |
| | | | | SDARS | VCDT |
| | | | | ULF-SBX-H | VCDT |
| | | | | FZD | VCDT S71 |
| | | | | DAB | VCDT |
| | | | | FLA | VCDT |
| | | | | INSTR | VCDTF S76 |
| | | | | PDC | VCDT |
| | | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 |
| | | | | CD / M-ASK-BO / RAD / CIC / | VCDT S79 |
| | | | | RAD2- | |
| | | | | CON / ZBE | VCDT |
| | | | | HKL / HKFM | VCDT S85 |
| | | | | SMFA | VCDT |
| | | | | SMBF | VCDT S101 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S87 |
| | | | | CID | VCDT |
| | | | | FD | VCDT |
| | | | | RFK | VCDT |
| | | | | IHKA / IHKR | VCDT S91 |
| | | | | FKA | VCDT S93 |
| | | | | CCC-A | VCDT |
| | | | | Coding/Program | Recoding |
| | | | CBS reset | | S3 |
| | | | CBS correct | | S4 |
| | | | Service functions | | S5,S6 |
| | | | Drive | CAS / FEM | VCDT S13 |
| | | | | DME / DDE | VCDT S16 |
| | | | | DME2 | VCDT |
| | | | | EGS / SMG | VCDT S19 |
| | | | | EKPS | VCDT S23 |
| | | | | VTG/LMV | VCDT S22 |
| | | | | EME | VCDT |
| | | | | GWS | VCDT |
| | | | | SME | VCDT S45 |
| | | | | AL / AFS / ASA | VCDT S30 |

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|--|--|--|---------|----------------------------|----------|
| | | | Chassis | ICM | VCDT S31 |
| | | | | ACC/FRR/LRR | VCDT |
| | | | | RDC | VCDT |
| | | | | ABS / ACS / DSC | VCDT S28 |
| | | | | EMF | VCDT S34 |
| | | | | EPS | VCDT S37 |
| | | | | EHC | VCDT S40 |
| | | | | ICMV | VCDT S42 |
| | | | | SGM-ZGM / KGM / JBE / JBBF | VCDT S48 |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|--|---|---------------|
| | | | | SRS / SIM / MRS / ACSM | VCDT S50 |
| | | | | SZL | VCDT S51 |
| | | | | TRSVC | VCDT |
| | | | | HC / SWW | VCDT |
| | | | | HKFM | VCDT |
| | | | | SVT | VCDT |
| | | | | ZGW | VCDT S98 |
| | | | | RSE | VCDT S56 |
| | | | | PMA | VCDT |
| | | | | DVDC / MMC | VCDT |
| | | | | TBX | VCDT |
| | | | | TCU / ULF / Tel | VCDT |
| | | | | AMP / AMPH / AMPT | VCDT |
| | | | | EME2 | VCDT |
| | | | | HUD | VCDT |
| | | | | ASD | VCDT |
| | | | | STML | VCDT |
| | | | | STMR | VCDT |
| | | | | SECUR1 | VCDT |
| | | | | SECUR2 | VCDT |
| | | | | VM | VCDT |
| | | | | EMALI | VCDT S69 |
| | | | | EMARE | VCDT S70 |
| | | | | FZD | VCDT S72 |
| | | | | NVE / NIVI | VCDT |
| | | | | KAFAS | VCDTF S104 |
| | | | | FLA | VCDT |
| | | | | IKE / KOM / KOMBI | VCDT S77 |
| | | | | CBX-ECALL | VCDT |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC- BO | VCDT S80 |
| | | | | PDC | VCDT |
| | | | | CON / ZBE | VCDT |
| | | | | SMFAH | VCDT S83 |
| | | | | SMBFH | VCDT S84 |
| | | | | HKL / HKFM | VCDT S86 |
| | | | | SMFA | VCDT S81 |
| | | | | SMBF | VCDT S82 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S88 |

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|--|----------------|-------------|----|-------------------|----------|
| | | | | CID | VCDT |
| | | | | VDC | VCDT S89 |
| | | | | IHKA / IHKR | VCDT S92 |
| | | | | FKA | VCDT |
| | Coding/Program | Recoding | S1 | | |
| | | CBS reset | S3 | | |
| | | CBS correct | S4 | | |
| | | | | Service functions | S5,S6 |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function | | | |
|---------|------------------------|-----------|----------------|------------------------|----------|-------|-----------|----------|
| | 1988-1989 | Z1-E30 | Drive | EWS | VCDT S11 | | | |
| | | | | DME / DDE | VCDT S14 | | | |
| | | | | EGS / SMG | VCDT S17 | | | |
| | | | Chassis | ABS / ACS / DSC | VCDT | | | |
| | | | | EHC | VCDT | | | |
| | | | Body | ZKE | VCDT | | | |
| | | | | SRS / SIM / MRS / ACSM | VCDT | | | |
| | | | | CVM / CTM | VCDT | | | |
| | | | | DWA | VCDT | | | |
| | | | | SHD | VCDT | | | |
| | | | | IKE / KOM / KOMBI | VCDT | | | |
| | | | | PDC | VCDT | | | |
| | | | | RAD | VCDT | | | |
| | | | | LSZ / LCM | VCDT | | | |
| | | | | IHKA / IHKR | VCDT S90 | | | |
| | | | | GR | VCDT | | | |
| | | | | MID | VCDT | | | |
| | | | | ADS | VCDT | | | |
| | | | | AHK | VCDT | | | |
| | | | | EKM | VCDT | | | |
| | | | | EML | VCDT | | | |
| | | | | FHK | VCDT | | | |
| | | | | GSA | VCDT | | | |
| | | | | URS | VCDT S99 | | | |
| | | | | VMX | VCDT | | | |
| | | | VNC | VCDT | | | | |
| | | | XEN | VCDT | | | | |
| | | | SPM / SM | VCDT | | | | |
| | | | Coding/Program | Recoding | S1 | | | |
| | | | | Service functions | S7 | | | |
| | | | | | | Drive | EWS | VCDT S11 |
| | | | | | | | DME / DDE | VCDT S14 |
| | | | | | | | EGS / SMG | VCDT S17 |
| Chassis | ABS / ACS / DSC | VCDT S26 | | | | | | |
| | EHC | VCDT S38 | | | | | | |
| | ZKE | VCDT S46 | | | | | | |
| | SRS / SIM / MRS / ACSM | VCDT | | | | | | |
| | CVM / CTM | VCDT | | | | | | |
| | DWA | VCDT | | | | | | |
| | SHD | VCDT | | | | | | |
| | IKE / KOM / KOMBI | VCDTF S75 | | | | | | |
| | PDC | VCDT | | | | | | |
| | RAD | VCDT | | | | | | |

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|--|-----------|--------|------|-------------|----------|
| | | | | LSZ / LCM | VCDT |
| | | | | IHKA / IHKR | VCDT S90 |
| | | | | GR | VCDT |
| | | | | MID | VCDT |
| | | | | ADS | VCDT |
| | | | | AHK | VCDT |
| | 1996-2002 | Z3-E36 | Body | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function | |
|----------|-----------|-------------------|-------------------|------------------------|-------------------|-------|
| Z Series | | | | EKM | VCDT | |
| | | | | EML | VCDT | |
| | | | | FHK | VCDT | |
| | | | | GSA | VCDT | |
| | | | | URS | VCDT S99 | |
| | | | | VMX | VCDT | |
| | | | | VNC | VCDT | |
| | | | | XEN | VCDT | |
| | | | | SPM / SM | VCDT | |
| | | | | Coding/Program | Recoding | S1 |
| | | | | | CKM | S2 |
| | | | | | Service functions | S5,S7 |
| | 2000-2003 | Z8-E52 | Drive | EWS | VCDT S11 | |
| | | | | DME / DDE | VCDT S14 | |
| | | | | EGS / SMG | VCDT S17 | |
| | | | Chassis | ABS / ACS / DSC | VCDT S26 | |
| | | | | RDC | VCDT | |
| | | | | LEW | VCDT | |
| | | | Body | ZKE | VCDT S46 | |
| | | | | SRS / SIM / MRS / ACSM | VCDT | |
| | | | | IKE / KOM / KOMBI | VCDTF S75 | |
| | | | | RAD | VCDT | |
| | | | | IHKA / IHKR | VCDT S90 | |
| | | | Coding/Program | URS | VCDT S99 | |
| | | Recoding | S1 | | | |
| | | Service functions | S7 | | | |
| | 2003-2008 | Z4-E85/E86 | Drive | EWS | VCDT S11 | |
| | | | | DME / DDE | VCDT S14 | |
| | | | | EGS / SMG | VCDT S17 | |
| | | | | EKPS | VCDTF | |
| | | | Chassis | ABS / ACS / DSC | VCDTF S26 | |
| | | | | EPS | VCDT | |
| | | | | LEW | VCDT | |
| | | | | ZKE | VCDT S46 | |
| | | | | SRS / SIM / MRS / ACSM | VCDTF | |
| | | | | STVL / CDM | VCDT | |
| STVR | | | | VCDT | | |
| | | | SBSL | VCDT | | |
| | | | SBSR | VCDT | | |
| | | | CVM / CTM | VCDT | | |
| | | | IKE / KOM / KOMBI | VCDTF S75 | | |
| | | | PDC | VCDT | | |
| | | | SZM / BZM | VCDT | | |

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|--|--|--|------|-----------|------|
| | | | | RAD | VCDT |
| | | | | DSP | VCDT |
| | | | Body | LSZ / LCM | VCDT |
| | | | | SMF | VCDT |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|------|---------|----------------|------------------------------|-----------|
| | | | | CID | VCDT |
| | | | | IHKA / IHKR | VCDT S90 |
| | | | | NAJ | VCDT |
| | | | | BIT | VCDT S96 |
| | | | | AIC | VCDT S97 |
| | | | | VID | VCDT |
| | | | Coding/Program | Recoding | S1 |
| | | | | CKM | S2 |
| | | | | Service functions | S5,S7 |
| | | | Drive | CAS / FEM | VCDTF S12 |
| | | | | DME / DDE | VCDTF S15 |
| | | | | EGS / SMG | VCDTF S18 |
| | | | | EKPS | VCDTF |
| | | | | GWS | VCDT |
| | | | Chassis | ABS / ACS / DSC | VCDTF S27 |
| | | | | RDC | VCDT |
| | | | | ACC / FRR / LRR | VCDT |
| | | | | EMF | VCDT S33 |
| | | | | EPS | VCDTF S36 |
| | | | | EDC / VDC | VCDT S41 |
| | | | Body | SGM-ZGM / KGM / JBE / JBBF | VCDTF S47 |
| | | | | SRS / SIM / MRS / ACSM | VCDTF S49 |
| | | | | CVM / CTM | VCDT S109 |
| | | | | CA | VCDT |
| | | | | DVDC / MMC | VCDT |
| | | | | TCU / ULF / Tel | VCDT S57 |
| | | | | AMP / AMPH / AMPT | VCDTF |
| | | | | NAV | VCDT S59 |
| | | | | CDC | VCDT |
| | | | | CCC-ASK | VCDT |
| | | | | DWA | VCDT S60 |
| | | | | RLS / RLSS | VCDT S63 |
| | | | | VM | VCDT |
| | | | | SINE | VCDT |
| | | | | ULF-SBX-H | VCDTF |
| | | | | FZD | VCDT S71 |
| | | | | DAB | VCDT |
| | | | | FLA | VCDT |
| | | | | INSTR | VCDTF S76 |
| | | | | PDC | VCDT |
| | | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 |
| | | | | CD / M-ASK-BO / RAD / CIC / | VCDT S79 |
| | | | | RAD2- | |
| | | | | CON / ZBE | VCDT |

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| SMFA | VCDT S100 |
| LM | VCDT |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function | |
|--------|-----------|-------------|----------------|----------------------------|-----------|----------|
| | | | | FRM | VCDT S87 | |
| | | | | CID | VCDT | |
| | | | | IHKA / IHKR | VCDT S91 | |
| | | | Coding/Program | Recoding | S1 | |
| | | | | CKM | S2 | |
| | | | | CBS reset | S3 | |
| | | | | CBS correct | S4 | |
| | | | | Service functions | S5,S6 | |
| | | | | Drive | EWS | VCDT S11 |
| | | | | | DME | VCDT |
| | | | DDE | | VCDTF S14 | |
| | | | EGS / SMG | | VCDT S17 | |
| | | | Chassis | ABS / ACS / DSC | VCDTF S26 | |
| | | | | RDC | VCDT | |
| | | | | EHPS | VCDT S35 | |
| | | | | LEW | VCDT | |
| | | | | ZKE | VCDT S46 | |
| | | | | SRS / SIM / MRS / ACSM | VCDTF | |
| | | | | STVL / CDM | VCDT | |
| | | | | STVR | VCDT | |
| | | | | CVM / CTM | VCDT | |
| | | | | SHD | VCDT | |
| | | | Body | IKE / KOM / KOMBI | VCDTF S75 | |
| | | | | PDC | VCDT | |
| | | | | RAD | VCDT | |
| | | | | LSZ / LCM | VCDT | |
| | | | | IHKA / IHKR | VCDT S90 | |
| | | | | AIC | VCDT S97 | |
| | | | | BM | VCDT | |
| | | | | URS | VCDT S99 | |
| | | | Coding/Program | Recoding | S1 | |
| | | | | CKM | S2 | |
| | | | | Service functions | S5,S7 | |
| | 2000-2008 | R50/R52/R53 | Drive | CAS / FEM | VCDTF S12 | |
| | | | | DME / DDE | VCDTF S15 | |
| | | | | EGS / SMG | VCDTF S18 | |
| | | | Chassis | ABS / ACS / DSC | VCDTF S27 | |
| | | | | EPS | VCDT S36 | |
| | | | | RDC | VCDT | |
| | | | | SGM-ZGM / KGM / JBE / JBBF | VCDTF S47 | |
| | | | | SRS / SIM / MRS / ACSM | VCDTF S49 | |
| | | | | SZL | VCDT | |
| | | | | CVM / CTM | VCDT | |
| | | | | CA | VCDT | |
| | | | | AMP / AMPH / AMPT | VCDTF | |
| | | | | NAV | VCDT S59 | |

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| CDC | VCDT |
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BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | SyStem | Function |
|-----------|-------------------|--|----------------|--|-----------|
| MINI | 2006- | 56/R57/R58/R59/R | Body | CCC-ASK | VCDT |
| | | | | SHD | VCDT S62 |
| | | | | ANT | VCDT |
| | | | | VM | VCDT |
| | | | | IBOC | VCDT |
| | | | | SDARS | VCDT |
| | | | | ULF-SBX-H | VCDTF |
| | | | | DAB | VCDT |
| | | | | INSTR | VCDTF S76 |
| | | | | PDC | VCDT |
| | | | | CD-GW / M-ASK-GW / CCC- GW / | VCDTF S78 |
| | | | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC-BO | VCDT S79 |
| | | | | AHM | VCDT |
| | | | FRM | VCDT S87 | |
| | | | CID | VCDT | |
| | | | IHKA / IHKR | VCDT S91 | |
| | | | CCC-A | VCDT | |
| | | | Coding/Program | Recoding | S1 |
| | | | | CKM | S2 |
| | | | | CBS reset | S3 |
| | CBS correct | S4 | | | |
| | Service functions | S5,S6 | | | |
| | Drive | CAS / FEM | VCDT S13 | | |
| | | DME / DDE | VCDT S16 | | |
| | | EGS / SMG | VCDT S19 | | |
| | Chassis | AL / AFS / ASA | VCDT S30 | | |
| | | ABS / ACS / DSC | VCDT S28 | | |
| | | SRS / SIM / MRS / ACSM | VCDT S50 | | |
| | Body | SZL | VCDT S51 | | |
| | | TRSVc | VCDT | | |
| | | HKFM | VCDT | | |
| | | ZGW | VCDT S98 | | |
| | | PMA | VCDT | | |
| | | DVDC / MMC | VCDT | | |
| | | TBX | VCDT | | |
| | | AMP / AMPH / AMPT | VCDT | | |
| | | ASD | VCDT | | |
| | | FZD | VCDT S72 | | |
| | | KAFAS | VCDT | | |
| | | IKE / KOM / KOMBI | VCDT S77 | | |
| | | CBX-ECALL | VCDT | | |
| | | CD / M-ASK-BO / RAD / CIC / RAD2- BO / CHAMP-BO / CCC-BO | VCDT S80 | | |
| | | PDC | VCDT | | |
| CON / ZBE | | VCDT | | | |
| SMFAH | | VCDT S83 | | | |
| 2014 - | F56 | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|-----------------|-----------------------------|---------|----------------|-------------------|----------|
| | | | | SMBFH | VCDT S84 |
| | | | | SMFA | VCDT S81 |
| | | | | SMBF | VCDT S82 |
| | | | | AHM | VCDT |
| | | | | FRM | VCDT S88 |
| | | | | IHKA / IHKR | VCDT S92 |
| | | | Coding/Program | Recoding | S1 |
| | | | | CBS reset | S3 |
| | | | | CBS correct | S4 |
| | | | | Service functions | S5,S6 |
| | | | | | |
| | | | | | |
| Functions Notes | | | | | |
| | Basic functions: | | | | |
| V | VERSION INFORMATION | | | | |
| C | DTC | | | | |
| D | DATA Stream | | | | |
| T | ACTIVATION | | | | |
| F | FREEZE FRAME | | | | |
| | Special functions: | | | | |
| S1 | RECODING | | | | |
| S2 | CKM(Car Key Memory) | | | | |
| S3 | Maintenance / CBS RESET | | | | |
| S3-1 | Engine Oil | | | | |
| S3-2 | Microfilter | | | | |
| S3-3 | Front barke | | | | |
| S3-4 | Rear brake | | | | |
| S3-5 | Vehicle check | | | | |
| S3-6 | Spark plugs | | | | |
| S3-7 | Brake fluid | | | | |
| S3-8 | Coolant | | | | |
| S3-9 | Vehicle inspection | | | | |
| S3-10 | Exhaust emission inspection | | | | |
| S3-11 | Diesel particle filter | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--------------------------------------|--|--|--------|----------|
| S4 | Maintenance / CBS Correct | | | | |
| S4-1 | Engine Oil | | | | |
| S4-2 | Microfilter | | | | |
| S4-3 | Front barke | | | | |
| S4-4 | Rear brake | | | | |
| S4-5 | Vehicle check | | | | |
| S4-6 | Spark plugs | | | | |
| S4-7 | Brake fluid | | | | |
| S4-8 | Coolant | | | | |
| S4-9 | Vehicle inspection | | | | |
| S4-10 | Exhaust emission inspection | | | | |
| S4-11 | Diesel particle filter | | | | |
| S5 | Transport mode | | | | |
| S5-1 | Delete transport mode | | | | |
| S5-2 | Set transport mode | | | | |
| S6 | Service functions | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S6-1 | Adjustment, Steering-angle sensor | | | | |
| S6-2 | Electronic parking brake (EPB) | | | | |
| S6-3 | Tyre air pressure warning lamp reset | | | | |

BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | System | Function |
|--------|-----------------------------------|--|--|--------|----------|
| S6-4 | Throttle matching | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S7 | Service functions | E38/E39/E46/ E53/E85/E83/ R50 etc. | | | |
| S7-1 | Key Test | | | | |
| S7-2 | Display status of all keys | | | | |
| S7-3 | Disable/Enable key | | | | |
| S7-4 | Adjustment, Steering-angle sensor | | | | |
| S11 | EWS [Elec. immobilize system] | E38/E39/E46/ E53/E85/E83/ R50 etc. | | | |
| S11-1 | Key | | | | |
| S11-2 | Key status | | | | |
| S11-3 | Disable/enable key | | | | |
| S11-4 | Write key variant | | | | |
| S11-5 | Enter retrofitting | | | | |
| S11-6 | Add production date | | | | |
| S12 | CAS [Car Access System] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S12-1 | CAS reset | | | | |
| S12-2 | CAS KL 15 activation/deactivation | | | | |
| S12-3 | Reset internal ELV fault counter | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---|--|--|--------|----------|
| S12-4 | Resetting starter lock | | | | |
| S12-5 | Teach in radio remote control | | | | |
| S12-6 | Power-down command | | | | |
| S13 | CAS/FEM/BDC [Car Access System] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S13-1 | Engine start | | | | |
| S13-2 | Presentation mode | | | | |
| S13-3 | Power-down Command | | | | |
| S13-4 | CAS KL15 activation/deactivation | | | | |
| S13-5 | FEM_KL 15 activation/deactivation | | | | |
| S13-6 | BDC-KL 15 activation/deactivation | | | | |
| S13-7 | Remote key / ignition key - Block/enable | | | | |
| S13-8 | Remote key / ignition key - Personalisation number | | | | |
| S13-9 | Initialisation of the Telestart transmitter | | | | |
| S13-10 | Initialisation of rain-light-solar-condensations sensor | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---|----------------------------------|--|--------|----------|
| S13-11 | Initialise headlight driver module and teach in LEDs in headlight | | | | |
| S13-12 | Initialise power window drive | | | | |
| S13-13 | Remote Door Lock, Unlock triggering | | | | |
| S13-14 | Battery charging or trickle charging via diagnostic socket | | | | |
| S13-15 | Adjust non-dazzle high-beam headlight | F30 | | | |
| S13-16 | Ride height adjustment | F56 | | | |
| S13-17 | Initialise front wipers | F56 | | | |
| S14 | DME/DDE [Digital motor/Diesel electronics] | E38/E39/E46/E53/E85/E83/R50 etc. | | | |
| S14-1 | DDE information | | | | |
| S14-2 | EWS-DME/DDE adjustment | | | | |
| S14-3 | Idle speed adjustment | | | | |
| S14-4 | CO adjustment | | | | |
| S14-5 | Reset adaptations | | | | |
| S14-6 | Setpoint/actual-value comparison, idle speed | | | | |

BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | System | Function |
|--------|---------------------------------------|---------|--|--------|----------|
| S14-7 | OBD readiness codes | | | | |
| S14-8 | MFL and air conditioning | | | | |
| S14-9 | Program all adjustments | | | | |
| S14-10 | Pump program map | | | | |
| S14-11 | Clear adaptations | | | | |
| S14-12 | Smooth-running measurement | | | | |
| S14-13 | Tank-leak-system check | | | | |
| S14-14 | Secondary-air-system check | | | | |
| S14-15 | VANOS system check | | | | |
| S14-16 | Tank-leak system check LDP (E38/E39) | | | | |
| S14-17 | Tank-leak system check DMTL (E53/E39) | | | | |
| S14-18 | Consumption calculation | | | | |
| S14-19 | Exhaust-gas recirculation | | | | |
| S14-20 | Idle speed | | | | |
| S14-21 | Injector program map | | | | |
| S14-22 | Limitation delivery | | | | |
| S14-23 | MFL and air conditioning | | | | |
| S14-24 | Program all adjustments | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|---------|--|--------|----------|
| S14-25 | Starting fuel delivery | | | | |
| S14-26 | Operational smoothness measurement | | | | |
| S14-27 | Air mass flow sensor | | | | |
| S14-28 | Mean quantity adaptation | | | | |
| S14-29 | Reset variants | | | | |
| S14-30 | Injection rate | | | | |
| S14-31 | Injector rate adjustment | | | | |
| S14-32 | Bleeding, fuel system | | | | |
| S14-33 | Read measured values | | | | |
| S14-34 | Learning Valvetronic limit positions | | | | |
| S14-35 | Mechanical components/f unction | | | | |
| S14-36 | On-board Diagnosis Readiness Codes | | | | |
| S14-37 | Self-learning cycle | | | | |
| S14-38 | Activation, DM TL pump | | | | |
| S14-39 | Setpoint/actual-value comparison, idle speed | | | | |
| S14-40 | Remove Valvetronic servomotor | | | | |
| S14-41 | Ventilation, Cooling system | | | | |
| S14-42 | HFM, throttle valve, cooler bypass | | | | |

BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | System | Function |
|--------|---|---------|--|--------|----------|
| S14-43 | Regeneration, nitrogen-oxide catalytic converter | | | | |
| S14-44 | Replacement, nitrogen-oxide catalytic converter | | | | |
| S14-45 | Idling quality | | | | |
| S14-46 | Check, mixed- up oxygen sensor | | | | |
| S14-47 | Energy-saving mode | | | | |
| S14-48 | Idle adjustment, se tpiont/actual value | | | | |
| S14-49 | Idle speed correction | | | | |
| S14-50 | Compression test | | | | |
| S14-51 | Boost pressure controller test | | | | |
| S14-52 | Fuel pressure test | | | | |
| S14-53 | Glow plug heater test | | | | |
| S14-54 | Reset pressure control | | | | |
| S14-55 | Wear test | | | | |
| S14-56 | Eccentric shaft adjustment | | | | |
| S14-57 | Tolerance test, intermediate lever | | | | |
| S14-58 | Idling quality | | | | |
| S14-59 | Learning/writi ng, zero-gear sensor | | | | |

BMW V11.03 Diagnostics List(For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|---|--|--------|----------|
| S14-60 | System check MSA | | | | |
| S14-61 | Read AV accumulator | | | | |
| S14-62 | Learning/writing, Teach in zero-gear sensor | | | | |
| S15 | DME/DDE [Digital motor/Diesel electronics] | E60/E65/E 70/ E71/E84/E 87/ E90/R56 etc. | | | |
| S15-1 | Air mass flow sensor | | | | |
| S15-2 | Mean quantity adaptation | | | | |
| S15-3 | Electric fuel pump | | | | |
| S15-4 | Rail-pressure regulating valve | | | | |
| S15-5 | Swirl flap actuator | | | | |
| S15-6 | Reset variants | | | | |
| S15-7 | Consumption calculation | | | | |
| S15-8 | DDE-CAS | | | | |
| S15-9 | Exhaust-gas recirculation | | | | |
| S15-10 | Idle speed | | | | |
| S15-11 | Injection rate | | | | |
| S15-12 | Injector rate adjustment | | | | |
| S15-13 | Limitation delivery | | | | |
| S15-14 | start basic injection quantity | | | | |
| S15-15 | Bleeding, fuel system | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|---------|--|--------|----------|
| S15-16 | EOBD readiness codes | | | | |
| S15-17 | Operational smoothness measurement | | | | |
| S15-18 | Regeneration, particulate filter | | | | |
| S15-19 | Replacement, partuculate filter | | | | |
| S15-20 | Read measured values | | | | |
| S15-21 | Bleeding,fuel system | | | | |
| S15-22 | EOBD readiness codes | | | | |
| S15-23 | Operational smoothness measurement | | | | |
| S15-24 | Read measured values | | | | |
| S15-25 | Clear adaptations | | | | |
| S15-26 | Co adjustment | | | | |
| S15-27 | DME-CAS | | | | |
| S15-28 | Fuel consumption display | | | | |
| S15-29 | Learning Valvetronic limit positions | | | | |
| S15-30 | Minimum stroke adjustment | | | | |
| S15-31 | Remove Valvetronic servomotor | | | | |

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|--------|---|--|--|--|--|
| S15-32 | On-board Diagnosis Readiness Codes | | | | |
|--------|---|--|--|--|--|

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|---------|--|--------|----------|
| S15-33 | Eccentric shaft adjustment | | | | |
| S15-34 | Tolerance test,intermedi ate lever | | | | |
| S15-35 | Smooth running test | | | | |
| S15-36 | Wear test | | | | |
| S15-37 | Self-learning cycle | | | | |
| S15-38 | Activation,DM TL pump | | | | |
| S15-39 | Idling quality | | | | |
| S15-40 | Bleeding,fuel system | | | | |
| S15-41 | EOBD readiness codes | | | | |
| S15-42 | Operational smoothness measurement | | | | |
| S15-43 | Output correction,add itive status | | | | |
| S15-44 | Regeneration,p articulate filter | | | | |
| S15-45 | Replacement, particulate filter | | | | |
| S15-46 | Read measured values | | | | |
| S15-47 | Record engine operating data | | | | |
| S15-48 | HFM,throttle valve,cooler bypass | | | | |

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|--------|-----------------------------------|--|--|--|--|
| S15-49 | Learning/Writing zero-gear sensor | | | | |
| S15-50 | Reading AV memory | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---|---------|--|--------|----------|
| S15-51 | System check MSA | | | | |
| S15-52 | Compression test | | | | |
| S15-53 | Regeneration, nitrogen-oxide catalytic converter | | | | |
| S15-54 | Replacement, nitrogen-oxide catalytic converter | | | | |
| S15-55 | Reset oil-change interval | | | | |
| S15-56 | Injection deactivation | | | | |
| S15-57 | VANOS ventilation | | | | |
| S15-58 | Check,mixed-up oxygen sensor | | | | |
| S15-59 | Energy-saving mode | | | | |
| S15-60 | Idle adjustment, setpoint/actual value | | | | |
| S15-61 | Idle correction | | | | |
| S15-62 | Cruise control | | | | |
| S15-63 | Exhaust backpressure sensor before exhaust turbocharger | | | | |
| S15-64 | Preheating control unit | | | | |

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|--------|-------------------------------|--|--|--|--|
| S15-65 | Register battery change | | | | |
| S15-66 | Evaluate battery charge state | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|--|--|--------|----------|
| S15-67 | Assembly test, electric throttle valve | | | | |
| S15-68 | Fule grade | | | | |
| S15-69 | Compression test | | | | |
| S15-70 | Evaluate battery charge state | | | | |
| S15-71 | Evaluate closed-circuit current monitoring | | | | |
| S15-72 | Activate refuel detection | | | | |
| S15-73 | SCR system adjustment | | | | |
| S16 | DME/DDE [Digital motor/Diesel electronics] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S16-1 | Adjust injectors | | | | |
| S16-2 | Clear adaptations | | | | |
| S16-3 | Consumption calculation | | | | |
| S16-4 | Fuel injector adaptation | | | | |
| S16-5 | Idle speed | | | | |
| S16-6 | Fuel grade display | | | | |
| S16-7 | Ventilation, cooling system | | | | |
| S16-8 | On-board Diagnosis Readiness Codes | | | | |

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|--------|-------------------------------|--|--|--|--|
| S16-9 | Evaluate battery charge state | | | | |
| S16-10 | Register battery change | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|---------|--|--------|----------|
| S16-11 | Evaluate closed-circuit current monitoring | | | | |
| S16-12 | Air mass flow sensor | | | | |
| S16-13 | EGR valve | | | | |
| S16-14 | Electric fuel pump | | | | |
| S16-15 | Mean quantity adaptation | | | | |
| S16-16 | Rail-pressure regulating valve | | | | |
| S16-17 | Swirl-flap actuator | | | | |
| S16-18 | DDE-CAS | | | | |
| S16-19 | Exhaust-gas recirculation | | | | |
| S16-20 | Glow elements | | | | |
| S16-21 | Injector rate adjustment | | | | |
| S16-22 | Starting torque | | | | |
| S16-23 | Register starter exchange | | | | |
| S16-24 | System check,automatic engine start- stop function | | | | |
| S16-25 | Bleeding, fuel system | | | | |
| S16-26 | Regeneration, particulate filter | | | | |

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|--------|---------------------------------|--|--|--|--|
| S16-27 | Replacement, particulate filter | | | | |
| S16-28 | Smooth running control | | | | |
| S16-29 | Engine oil quantity | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--------------------------------------|----------------------------------|--|--------|----------|
| S16-30 | Learning Valvetronic limit positions | | | | |
| S16-31 | Valvetronic running-in phase | | | | |
| S16-32 | Teach in zero-gear sensor | | | | |
| S16-33 | Preheating control unit | | | | |
| S16-34 | Delete installation mode | | | | |
| S16-35 | Start-up, fuel pump control | | | | |
| S16-36 | Register teach acceleration sensor | | | | |
| S17 | EGS [Transmission control] | E38/E39/E46/E53/E85/E83/R50 etc. | | | |
| S17-1 | ATF-level check | | | | |
| S17-2 | Clear adaptation values | | | | |
| S17-3 | Oil level check | | | | |
| S17-4 | Adapt transmission fully | | | | |
| S17-5 | Venting, transmission actuator | | | | |

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|-------|---|--|--|--|--|
| S17-6 | Teach in characteristic clutch-valve values | | | | |
| S17-7 | Teach in clutch slip point | | | | |
| S17-8 | Venting, clutch slave cylinder | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|---------|--|--------|----------|
| S17-9 | Venting, transmission actuator | | | | |
| S17-10 | Offset, sensor, longitudinal acceleration | | | | |
| S17-11 | Calculate accumulator prepressurizing pressure | | | | |
| S17-12 | Disengage gear | | | | |
| S17-13 | Engage any gear | | | | |
| S17-14 | Resetting adaption functions | | | | |
| S17-15 | Mechatronics adjustment | | | | |
| S17-16 | Oil-level adjustment | | | | |
| S17-17 | Oil change/Oil lifetime | | | | |
| S17-18 | Bleed hydraulic system | | | | |
| S17-19 | Recalibration,transmission | | | | |
| S17-20 | Reduce hydraulic pressure | | | | |
| S17-21 | Reset clutch characteristic | | | | |

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|--------|-------------------------------|---|--|--|--|
| S17-22 | Teach in transmission | | | | |
| S18 | EGS [Transmission control] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|-------------------------------------|---------|--|--------|----------|
| S18-1 | Display and reset adaptation values | | | | |
| S18-2 | Mechatronics adjustment | | | | |
| S18-3 | Oil-level adjustment | | | | |
| S18-4 | Resetting adaption functions | | | | |
| S18-5 | Oil change | | | | |
| S18-6 | Teach in transmission | | | | |
| S18-7 | Teach in clutch slip | | | | |
| S18-8 | Reset clutch characteristic | | | | |
| S18-9 | Bleed hydraulic system | | | | |
| S18-10 | Reduce hydraulic pressure | | | | |
| S18-11 | Hydraulic pump activation test | | | | |
| S18-12 | SMG disengage gear assembly test | | | | |
| | Replacement and repair functions | | | | |

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|--------|--|--|--|--|--|
| S18-13 | - Transmission control (After replacement) | | | | |
| | - Clutch | | | | |
| | - Gearbox and engine | | | | |
| | - Hydraulics | | | | |
| | - Sensors | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|---------|--|--------|----------|
| S18-14 | Calculate accumulator prepressurizing pressure | | | | |
| S18-15 | Defines engage Neutral | | | | |
| S18-16 | Engage any gear | | | | |
| S18-17 | flushing function | | | | |
| S18-18 | Format fault memory | | | | |
| S18-19 | Oil balancing | | | | |
| S18-20 | Teach-in functions | | | | |
| | - Clutch adaptation | | | | |
| | - Reset torque characteristic curve | | | | |
| | - Teach in valve characteristic curve | | | | |
| | - Transmission adaptation | | | | |
| S18-21 | Parking lock functional check | | | | |
| S18-22 | Parking lock hook test | | | | |

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|-------|-------------------------------------|--|--|--|--|
| S19 | EGS [Transmission control] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S19-1 | Display and reset adaptation values | | | | |
| S19-2 | Immobiliser reset function | | | | |
| S19-3 | Resetting adaption function | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|--|--|--------|----------|
| S19-4 | Oil balancing | | | | |
| S19-5 | Data adjustment, mechatronics | | | | |
| S19-6 | Flushing function | | | | |
| S19-7 | Format fault memory | | | | |
| S19-8 | Clutch adaptation | | | | |
| S19-9 | Gearbox adaptation | | | | |
| S19-10 | Learn in of valve characteristic curve | | | | |
| S19-11 | Reset torque characteristic curve | | | | |
| S19-12 | Parking lock functional check | | | | |
| S19-13 | Parking lock hook test | | | | |
| S19-14 | Integrated electrical pump | | | | |
| S20 | VTG/LMV [Gearbox control] | E38/E39/E46/ E53/E85/E83/ R50 etc. | | | |
| S20-1 | Oil change | | | | |

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| S20-2 | Repair | | | | |
| S21 | VTG/LMV [Gearbox control] | E60/E65/E 70/ E71/E84/E 87/ E90/R56 etc. | | | |
| S21-1 | Oil change | | | | |
| S21-2 | Repair | | | | |
| S22 | VTG/LMV [Gearbox control] | F01/F10/F 12/ F20/F25/F 30/ F15 etc. | | | |
| S22-1 | Repair | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---|--|--|--------|----------|
| S23 | EKP [Electronic Fuel pump] | F01/F10/F 12/ F20/F25/F 30/ F15 etc. | | | |
| S23-1 | Reset the production mode for the fuel pump control module | | | | |
| S24 | QMVH [Lateral- moment distribution, rear axle] | E70/E71 | | | |
| S24-1 | Startup QMVH | | | | |
| S24-2 | Oil chage,QMVH | | | | |
| S25 | EME [Electrical machine electronics] | F04 | | | |
| S25-1 | DC/DC converter calibration | | | | |
| S25-2 | Motor position sensor adjustment | | | | |
| S25-3 | Ventilation,co oling system | | | | |

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| S25-4 | Charge high-voltage battery | | | | |
| S25-5 | Starting up the high-voltage battery unit | | | | |
| S26 | ABS/ACS/DSC [Dynamic Stability Control] | E38/E39/E46/E53/E85/E83/R50 etc. | | | |
| S26-1 | Lateral acceleration sensor | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---------------------------------------|---------|--|--------|----------|
| S26-2 | Pressure sensors | | | | |
| S26-3 | All sensors | | | | |
| S26-4 | Connection,brake lines | | | | |
| S26-5 | Connection, speed sensor | | | | |
| S26-6 | Ventilation | | | | |
| S26-7 | Bleeding, ABS hydraulic modulator | | | | |
| S26-8 | Final check on ABS | | | | |
| S26-9 | Test procedures | | | | |
| S26-10 | rate of rotation sensor | | | | |
| S26-11 | Steering angle sensor | | | | |
| S26-12 | Bleeding,DSC hydraulics | | | | |
| S26-13 | Control-unit replacement | | | | |
| S26-14 | Mix-up checks,brake lines | | | | |
| S26-15 | Bleeding the ABS/ASC hydraulic system | | | | |

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| S26-16 | Reset ABS motor-relay clock counter | | | | |
| S26-17 | Final ABS/ASC check | | | | |
| S26-18 | Bleeding procedure for special cases | | | | |
| S26-19 | Brake bleeding procedure | | | | |
| S26-20 | Mix-up checks,brake lines | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---|---|--|--------|----------|
| S26-21 | Adjustment of DSC sensor | | | | |
| S26-22 | Adjustment,D SC unit | | | | |
| S26-23 | Steering angle sensor adjustment | | | | |
| S27 | ABS/ACS/DSC [Dynamic Stability Control] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S27-1 | Bleeding,DSC hydraulics | | | | |
| S27-2 | Dynamic Stability Control autocoding | | | | |
| S27-3 | Adjustment of DSC sensor | | | | |
| S27-4 | Adjustment,D SC unit | | | | |
| S27-5 | Brake bleeding procedure | | | | |
| S27-6 | Bleeding procedure for special cases | | | | |

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| S27-7 | Mix-up checks,brake lines | | | | |
| S27-8 | Steering angle sensor adjustment | | | | |
| S27-9 | Run Flat Indicator | | | | |
| S28 | ABS/ACS/DSC [Dynamic Stability Control] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S28-1 | Brake bleeding procedure | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|--|--|--------|----------|
| S28-2 | Mix-up checks,brake lines | | | | |
| S28-3 | DSC control unit adjustment | | | | |
| S28-4 | Brake bleeding procedure for specical cases | | | | |
| S28-5 | Adjustment of the driving dynamics sensors | | | | |
| S28-6 | Pressure encoding, tyre pressure control | F56 | | | |
| S29 | AL/AFS/ASA [Active steering/Active Front Steering] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S29-1 | Start-up/alignment of active steering | | | | |

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| S30 | AL/AFS/ASA [Active steering/Active Front Steering] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S30-1 | Start-up of active steering | | | | |
| S31 | ICM [Integrated chassis management] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S31-1 | Adjustment, ICM sensor system | | | | |
| S31-2 | Ride height adjustment | | | | |

BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | System | Function |
|--------|-------------------------------|--|--|--------|----------|
| S32 | ARS [Dynamic Drive] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S32-1 | Fault, sensor, learn values | | | | |
| S32-2 | Initial operation | | | | |
| | - Start startup | | | | |
| | - Startup fault | | | | |
| | - Warning, startup | | | | |
| S32-3 | Learn sensor parameters | | | | |
| | - Lateral acceleration sensor | | | | |
| | - Pressure sensor, front axle | | | | |
| | - Pressure sensor, rear axle | | | | |
| | Learn sensor zero point | | | | |

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| S32-4 | - Lateral acceleration sensor | | | | |
| | - Pressure sensor, front axle | | | | |
| | - Pressure sensor, rear axle | | | | |
| S33 | EMF [Parking brake] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S33-1 | Assembly mode | | | | |
| S33-2 | Workshop braking-in | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---------------------------------------|--|--|--------|----------|
| S33-3 | Positioning-travel check | | | | |
| S33-4 | Execute brake-in program | | | | |
| S33-5 | Workshop mode | | | | |
| S33-6 | Initial operation | | | | |
| S34 | EMF [Parking brake] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S34-1 | Bedding-in procedure | | | | |
| S34-2 | Workshop mode | | | | |
| S34-3 | Initial operation | | | | |
| S35 | EHPS [Electrically assisted steering] | R50 | | | |
| S35-1 | Measurement ,resistance | | | | |

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|-------|---|---|--|--|--|
| S36 | EPS [Electronic Power Steering] | E60/E65/E 70/ E71/E84/E 87/ E90/R56 etc. | | | |
| S36-1 | End stop | | | | |
| S36-2 | Start-up, EPS unit | | | | |
| S36-3 | Adjustment, st eering-torque sensor | | | | |
| S37 | EPS [Electronic Power Steering] | F01/F10/F 12/ F20/F25/F 30/ F15 etc. | | | |
| S37-1 | EPS start-up | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---|--|--|--------|----------|
| S38 | EHC [Electronic Ride-Height Control] | E38/E39/E 46/ E53/E85/E 83/ R50 etc. | | | |
| S38-1 | Check, actuator | | | | |
| S38-2 | delete line mode | | | | |
| S38-3 | Inquiry, line mode | | | | |
| S38-4 | Ride height sensor check | | | | |
| S38-5 | Ride height adjustment | | | | |
| S38-6 | Delete transport mode | | | | |
| S38-7 | Inquiry, transport mode | | | | |
| S38-8 | Warning lamp, pre- drive check (10s) | | | | |
| S38-9 | Warning lamp, pre- drive check (30s) | | | | |

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|--------|-------------------------------------|--|--|--|--|
| S38-10 | Check, air supply system | | | | |
| S38-11 | Check, compressor relay | | | | |
| S38-12 | Check, solenoid valve | | | | |
| S38-13 | Check, supply, pressure accumulator | | | | |
| S38-14 | Check, valve, pressure accumulator | | | | |
| S38-15 | Vent pressure accumulator | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---|---|--|--------|----------|
| S39 | EHC [Electronic Ride-Height Control] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S39-1 | Ride height sensor check | | | | |
| S39-2 | Check,air supply system | | | | |
| S39-3 | Check,compressor,relay | | | | |
| S39-4 | Delete energy saving mode | | | | |
| S39-5 | Check,raise/low function | | | | |
| S39-6 | Draining the air-spring bellows | | | | |
| S39-7 | Filling the air- spring bellows | | | | |
| S39-8 | Preparation, wheel/axle alignment | | | | |
| S39-9 | Ride height adjustment | | | | |

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| S40 | EHC [Electronic Ride-Height Control] | F01/F10/F 12/ F20/F25/F 30/ F15 etc. | | | |
| S40-1 | Filling and discharging air from air bellows | | | | |
| S40-2 | Ride height sensor check | | | | |
| S40-3 | Activate compressor | | | | |
| S41 | EDC/VDC [Damper Control] | E60/E65/E 70/ E71/E84/E 87/ E90/R56 etc. | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|--|--|--------|----------|
| S41-1 | Adjustment,sh ock absorber | | | | |
| S41-2 | Initial setting,switch- on state | | | | |
| S41-3 | System startup after control-unit replacement | | | | |
| S41-4 | Ride height adjustment | | | | |
| S41-5 | Vertical- acceleration- sensor adjustment | | | | |
| S42 | ICMV [Integrated Chassis Management] | F01/F10/F 12/ F20/F25/F 30/ F15 etc. | | | |
| S42-1 | Initial operation | | | | |
| | - Start startup | | | | |
| | - Start-up, fault evaluation | | | | |

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| S42-2 | Learn pressure sensors | | | | |
| | - Adapt pressure sensors with fault evaluation | | | | |
| S42-3 | Self-diagnosis | | | | |
| | - Self-diagnosis, fault evaluation | | | | |
| | - Start self-diagnosis | | | | |
| S43 | CIM [Chassis Integration Module] | E65 | | | |

BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | System | Function |
|--------|--|--|--|--------|----------|
| S43-1 | Calibration, Steering column | | | | |
| S44 | HSR [Rear-axle slip-angle control] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S44-1 | HSR function check (deflection test) | | | | |
| S44-2 | Rear axle wheel alignment | | | | |
| S44-3 | Start-up HSR rotor position sensor | | | | |
| S45 | SME [Accumulator management electronics] | F04 | | | |
| S45-1 | High-voltage safety check | | | | |
| S45-2 | Locate insulation fault | | | | |

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| S46 | ZKE [Central body electronic] | E38/E39/E46/ E53/E85/E83/ R50 etc. | | | |
| S46-1 | Set/delete opening limitation | | | | |
| S46-2 | Log remote control key on/off | | | | |
| S46-3 | Anti-theft alarm system - DWA activation | | | | |
| S46-4 | Service action, general module 5 | | | | |

BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | System | Function |
|--------|--|--|--|--------|----------|
| S46-5 | Set/delete opening limitation | | | | |
| S47 | SGM-ZGM/KGM/JBE/JBBF [Safety and Gateway Module (ZGM)] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S47-1 | Power window regulator | | | | |
| S47-2 | Waking up the vehicle | | | | |
| S47-3 | Initialise rain sensor | | | | |
| S47-4 | DWA triggering | | | | |
| S47-5 | Battery charging or trickle charging via diagnostic socket | | | | |
| S48 | JBBF [Junction-box electronics] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |

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| S48-1 | Power window regulator | | | | |
| S48-2 | Solar rain/light fogging sensor | | | | |
| S48-3 | Battery charging or trickle charging via diagnostic socket | | | | |
| S49 | SRS/SIM/MRS /ACSM [Safety and Gateway Module (SIM)] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---|--|--|--------|----------|
| S49-1 | Enable seat-occupancy mat, front passenger | | | | |
| S49-2 | Start system time:Satelitep assenger | | | | |
| S49-3 | Trigger roll bar | | | | |
| S49-4 | Read coding data | | | | |
| S50 | SRS/SIM/MRS /ACSM [Safety and Gateway Module (SIM)] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S50-1 | Lock airbag | | | | |
| S50-2 | Enable seat occupancy mat | | | | |
| S51 | SZL [Switch center, steering column] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S51-1 | Steering wheel angle sensor adjustment | | | | |

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| S51-2 | TLC: Calibrate vibration motor | | | | |
| S52 | TMFA [Door module, driver] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S52-1 | Initialising the power windows | | | | |
| S53 | TMBF [Door module, front passenger] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | System | Function |
|--------|--------------------------------|--|--|--------|----------|
| S53-1 | Initialising the power windows | | | | |
| S54 | HC/SWW [Lane change warning] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S54-1 | Initialising the power windows | | | | |
| S55 | RSE [Rear Seat Entertainment] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S55-1 | Teach in radio remote control | | | | |
| S56 | RSE [Rear Seat Entertainment] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |

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| S56-1 | Teach in radio remote control | | | | |
| S56-2 | Activate radio module | | | | |
| S57 | TCU/ULF/TEL [Telematic Control unit] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S57-1 | Log off CKPH | | | | |
| S57-2 | Log on CKPH | | | | |
| S57-3 | Initialized telematics services | | | | |
| S57-4 | Activate Bluetooth and emergency call | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | System | Function |
|--------|---------------------------|--|--|--------|----------|
| S57-5 | Correct volume | | | | |
| S57-6 | Log handset in and off | | | | |
| S57-7 | Log on snap-in adapter | | | | |
| S57-8 | TCU subsequent evaluation | | | | |
| S57-9 | Resetting BMW Assist | | | | |
| S57-10 | Re-enabling BMW Assist | | | | |
| S58 | NAV [Navigation system] | E38/E39/E46/ E53/E85/E83/ R50 etc. | | | |
| S58-1 | Initialisation | | | | |
| S58-2 | DVD lock | | | | |

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| S59 | NAV [Navigation system] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S59-1 | DVD lock | | | | |
| S60 | DWA [Antitheft alarm system] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S60-1 | DWA triggering | | | | |
| S61 | PM/MPM [(Micro) Power module] | E65/E60 | | | |
| S61-1 | Register battery replacement | | | | |
| S62 | SHD [Sliding/tilting sunroof] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|-------------------------------------|--|--|--------|----------|
| S62-1 | Initialise slide/tilt sunroof | | | | |
| S62-2 | Delivery position | | | | |
| S63 | RLS [Rain/driving lights sensor] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S63-1 | Initialise rain sensor | | | | |
| S64 | WIM [Wiper module] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S64-1 | Vent SRA | | | | |

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| S64-2 | Windscreen wipers - Installation position | | | | |
| S65 | TMFAT [Door module, driver's door] | E65 | | | |
| S65-1 | Initialise power window regulators | | | | |
| S66 | TMBFT [Door module, passenger door] | E65 | | | |
| S66-1 | Initialise power window regulators | | | | |
| S67 | TMFAH [Door module, driver's side rear] | E65 | | | |
| S67-1 | Initialise power window regulators | | | | |

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BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|--|--|--------|----------|
| S68 | TMBFH [Door module, passenger's side rear] | E65 | | | |
| S68-1 | Initialise power window regulators | | | | |
| S69 | EMALI [Left electric motor reel] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S69-1 | Motor-driven belt retractor, left -> Replace drive, left | | | | |

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| S70 | EMARE [Right electric motor reel] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S70-1 | Motor-driven belt retractor, right -> Replace drive, right | | | | |
| S71 | FZD [Function Center, Roof] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S71-1 | Initialise slide/tilt sunroof | | | | |
| S71-2 | Alarm triggers | E70 | | | |
| S72 | FZD [Function Center, Roof] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S72-1 | Initialise slide/tilt sunroof | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|--|--|--------|----------|
| S73 | ALBFA [Active backrest width, driver] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S73-1 | ALBFA initialization | | | | |
| S74 | ALBBF [Active backrest width, front passenger] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S74-1 | ALBBF initialization | | | | |

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| S75 | IKE/KOM/KO MBI [Instrument cluster] | E38/E39/E 46/ E53/E85/E 83/ R50 etc. | | | |
| S75-1 | Reset service interval indicator | | | | |
| S76 | INSTR [Instrument cluster] | E60/E65/E 70/ E71/E84/E 87/ E90/R56 etc. | | | |
| S76-1 | Instrument cluster system test | | | | |
| S76-2 | Total counter, convertible top opening time | R56 | | | |
| S77 | IKE/KOM/KO MBI [Instrument cluster] | F01/F10/F 12/ F20/F25/F 30/ F15 etc. | | | |
| S77-1 | Instrument cluster system test | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--|---|--|--------|----------|
| S78 | CD-GW/M- ASK-GW/CCC- GW/CHAMP- GW/RAD2- GW/CIC-GW [Gateway] | E60/E65/E 70/ E71/E84/E 87/ E90/R56 etc. | | | |
| S78-1 | MOST ring,save configuration | | | | |
| S78-2 | Turn,New Zealand | | | | |
| S78-3 | Creat boot file again | | | | |

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| S79 | CD/M-ASK-BO/RAD/CIC/RAD2-BO/CHAMP-BO/CCC-BO [Control Display / User interface] | E60/E65/E70/E71/E84/E87/E90/R56 etc. | | | |
| S79-1 | Turn, Japan | | | | |
| S79-2 | Restore delivery status | | | | |
| S80 | CIC/CHAMP [Car headunit platform] | F01/F10/F12/F20/F25/F30/F15 etc. | | | |
| S80-1 | Restore delivery status | | | | |
| S80-2 | Save configuration of MOST ring | | | | |
| S80-3 | Test function for map data | | | | |
| S80-4 | Activate SDARS after headunit replacement | | | | |



BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|-------------------------------|----------------------------------|--|--------|----------|
| S81 | SMFA [Seat module, driver] | F01/F10/F12/F20/F25/F30/F15 etc. | | | |
| S81-1 | Driver's side normalisation | | | | |
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| S82 | SMBF [Seat module, passenger] | F01/F10/F12/F20/F25/F30/F15 etc. | | | |

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|-------|--|--|--|--|--|
| S82-1 | Front passenger side normalisation | | | | |
| S83 | SMFAH [Seat module, driver's side rear] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S83-1 | Rear driver's side normalisation | | | | |
| S84 | SMBFH [Seat module, passenger's side rear] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S84-1 | Rear front passenger side normalisation | | | | |
| S85 | HKL [Rear-lid lift] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S85-1 | Initialisation, automatic tailgate actuation | | | | |



BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | System | Function |
|--------|--|--|--|--------|----------|
| S86 | HKL [Rear-lid lift] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S86-1 | Initialisation, automatic tailgate actuation | | | | |
| S87 | FRM [Footwell Module] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |

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|-------|--|--|--|--|--|
| S87-1 | Initialise power window | | | | |
| S87-2 | VA calibration body general module | | | | |
| S88 | FRM [Footwell Module] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S88-1 | Initialise power window drive | | | | |
| S88-2 | Electric steering-column adjustment | | | | |
| | - Normalization | | | | |
| | - Partial normalization | | | | |
| S88-3 | Initialise new headlight driver module and teach-in turn indicator | | | | |



BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|---|--|--|--------|----------|
| S89 | VDC [Vertical Dynamics Management] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S89-1 | Initial operation | | | | |
| S90 | IHKA/IHKR [Integrated automatic heating/air conditioning] | E38/E39/E46/ E53/E85/E83/ R50 etc. | | | |

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|-------|---|--|--|--|--|
| S90-1 | Deactivate transport-lock function | | | | |
| S91 | IHKA/IHKR [Integrated automatic heating/air conditioning] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S91-1 | Refrigerant compressor run-in protection | | | | |
| S91-2 | Rear-window roller blind | | | | |
| S91-3 | Operating parameter of evaporator temperature | | | | |
| S91-4 | Readdress flap motors | | | | |
| S91-5 | Electric steering-column adjustment | | | | |
| S91-6 | flap motors | | | | |
| S92 | IHKA/IHKR [Integrated automatic heating/air conditioning] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| | Flap motors | | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|--------------------------------------|---------|--|--------|----------|
| S92-1 | - Perform flap-motor calibration run | | | | |
| | - Readdress flap motors | | | | |
| S92-2 | Independent/auxiliary heater | | | | |
| | - Adaptation, undervoltage limit | | | | |
| | - Unlocking | | | | |

| | | | | | |
|-------|---|--|--|--|--|
| S92-3 | Run-in protection for A/C compressor | | | | |
| | - Air conditioning compressor initial operation | | | | |
| S92-4 | Unlock electric auxiliary heater | F56 | | | |
| S93 | FKA [Rear heater/air conditioning] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S93-1 | Drain/fill refrigerant circuit | | | | |
| S94 | FKA [Rear heater/air conditioning] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S94-1 | Drain/fill refrigerant circuit | | | | |
| S95 | SHZH [Independent/auxiliary heater] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |



BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | System | Function |
|--------|---------------------------------|--|--|--------|----------|
| S95-1 | Independent/auxiliary heater | | | | |
| | - Heating test run | | | | |
| | - unlocking | | | | |
| S96 | BIT [Basis Interface Telephone] | E38/E39/E46/ E53/E85/E83/ R50 etc. | | | |

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|--------|----------------------------------|--|--|--|--|
| S96-1 | Change emergency number | | | | |
| S96-2 | Log handset on/off | | | | |
| S96-3 | Log handset on/off | | | | |
| S96-4 | Re-enabling BMW assist | | | | |
| S97 | AIC [Automatic Interval Control] | E38/E39/E46/ E53/E85/E83/ R50 etc. | | | |
| S97-1 | Initialise rain sensor | | | | |
| S98 | ZGW [Central Gateway Module] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S98-1 | Initialize FlexRay | | | | |
| S99 | URS [Rollover sensor] | E38/E39/E46/ E53/E85/E83/ R50 etc. | | | |
| S99-1 | Rollover sensor | | | | |
| S100 | SMFA [Seat module, driver] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S100-1 | Standardisation of seat | | | | |



BMW V11.03 Diagnostics List (Note: For reference only)

| Series | Year | Chassis | | SyStem | Function |
|--------|-------------------------------|--|--|--------|----------|
| S101 | SMBF [Seat module, passenger] | E60/E65/E70/ E71/E84/E87/ E90/R56 etc. | | | |
| S101-1 | Standardisation of seat | | | | |
| S102 | RDC (Tyre pressure control) | E90 | | | |

| | | | | | |
|--------|---|--|--|--|--|
| S102-1 | Pressure encoding, tyre pressure control | | | | |
| S103 | ACC/FRR/LRR [Active Cruise Control] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S103-1 | Start-up of ACC sensor | | | | |
| S104 | KAFAS [Camera based driver assist systems] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S104-1 | Calibration of camera-based driver support systems | | | | |
| S105 | TRSVCA [All round view camera] | F01/F10/F12/ F20/F25/F30/ F15 etc. | | | |
| S105-1 | Calibrating and teaching system for all-round vision camera | | | | |
| S106 | RDC (Tyre pressure control) | F25 | | | |

BMW V11.03 Diagnostics List(Note:For reference only)

| Series | Year |
|---|--------|
| Chassis | SyStem |
| Function S106-1 Pressure encoding, tyre pressure control | |
| S107 TLC (Lane Departure Warning) E63 | |
| S107-1 Calibration of lane departure warning | |
| S108 ACC/LRR [Active Cruise Control] E60/E65/E 70/ E71/E84/E 87/ E90/R56 etc. | |
| S108-1 Adjust ACC sensor | |
| S109 CVM/CTM [Convertible- top module] E89 | |
| S109-1 Rear module, emergency opening | |

