

**BMW/MINI
VER. 1.46**

● : SUPPORT
- : NOT SUPPORT

| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP |
|------------------------------------|----------------------------------|-----------------------------|---|-----|----|-----|----|----|
| 1 SERIES | E87 | DRIVE | CAS(CAR ACCESS SYSTEM) | ● | ● | ● | ● | - |
| | | | DME(DIGITAL MOTOR ELECTRONICS) | ● | ● | ● | ● | ● |
| | | | EGS(TRANSMISSION CONTROL) | ● | ● | ● | ● | - |
| | | | EKPS(ELECTRIC FUEL PUMP) | ● | ● | ● | ● | - |
| | | CHASSIS | ABS/ASC/DSC(DYNAMIC STABILITY) | ● | ● | ● | ● | ● |
| | | | EPS(ELECTRONIC POWER STEERING) | ● | ● | ● | ● | - |
| | | | RDC (TIRE PRESSURE CONTROL) | ● | ● | ● | ● | - |
| | | BODY | IHKA(AUTOMATIC HEAT AND A/C) | ● | ● | ● | ● | - |
| | | | KOM(INSTRUMENT CLUSTER) | ● | ● | ● | ● | - |
| | | | CD/M-ASK-BO(USER INTERFACE) | ● | ● | ● | ● | - |
| | | | CD-GW(CONTROL DISPLAY GATEWAY) | ● | ● | ● | ● | - |
| | | | JBE(JUNCTION-BOX ELECTRONICS) | ● | ● | ● | ● | - |
| | | | MRS/AIRBAG(MULTIPLE RESTRAINT) | ● | ● | ● | ● | - |
| | | | FRM(FOOTWEEL MODULE) | ● | ● | ● | ● | - |
| | | | FZD(FUNCTION CENTER ROOF) | ● | ● | ● | ● | - |
| | | | PDC(PARK DISTANCE CONTROL) | ● | ● | ● | ● | - |
| | | | CID(CENTER INFORMATION DISPLAY) | ● | ● | ● | ● | - |
| | | | M-ASK-NAV(NAVIGATION SYSTEM) | ● | ● | ● | ● | - |
| | | | CCC-A(APPLICATIONS) | ● | ● | ● | ● | - |
| | | | CCC-ANT(ANTENNA TUNER) | ● | ● | ● | ● | - |
| | | | CCC-ASK(AUDIO SYSTEM CONTROL) | ● | ● | ● | ● | - |
| | | | CDC(COMPACT DISK CHANGER) | ● | ● | ● | ● | - |
| | | | TCU/TEL(TELEMATIC CONTROL) | ● | ● | ● | ● | - |
| | | | VM(VIDEO MODULE) | ● | ● | ● | ● | - |
| | | | SMFA(SEAT MODULE,DRV.SIDE) | ● | ● | ● | ● | - |
| | | | SMBF(SEAT MODULE,PASS.SIDE) | ● | ● | ● | ● | - |
| | | | AMP(RADIO SYSTEM AMPLIFIER) | ● | ● | ● | ● | - |
| | | | SINE(SIREN AND TILT SENSOR) | ● | ● | ● | ● | - |
| | | | DWA(THEFT DETERRENT SYSTEM) | ● | ● | ● | ● | - |
| | | | ULF-SBX-H | ● | ● | ● | ● | - |
| | | | DAB(DIGITAL TUNER) | ● | ● | ● | ● | - |
| | | | CA(COMFORT ACCESS) | ● | ● | ● | ● | - |
| | | | GWS(GEAR SELECTOR SWITCH) | ● | ● | ● | ● | - |
| | | | HUD(HEAD-UP DISPLAY) | ● | ● | ● | ● | - |
| | | | FLA(HIGH BEAM ASSIST) | ● | ● | ● | ● | - |
| | | | RLS(RAIN/LIGHT SENSOR) | ● | ● | ● | ● | - |
| | | | SZL(SWITCH CENT.,STEERING COLUMN) | ● | ● | ● | ● | - |
| | | | SZM/BZM(CENTER CONSOLE) | ● | ● | ● | ● | - |
| | | | SHD(SLIDING/TILTING SUNROOF) | ● | ● | ● | ● | - |
| | | | CVM(CONVERTIBLE TOP BOMULE) | ● | ● | ● | ● | - |
| | | | LM(LIGHTS MODULE) | ● | ● | ● | ● | - |
| | | SERVICE | ENGINE OIL 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | SPARK PLUGS 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | DIESEL PARTICLE FILTER 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | FRONT BRAKE 100% 80% 50% RESET | - | - | - | - | ● |
| | | | REAR BRAKE 100% 80% 50% RESET | - | - | - | - | ● |
| | | | COOLANT 100% 80% 50% 30% RESET | - | - | - | - | ● |
| BRAKE FLUID 100% 80% 50% 30% RESET | - | | - | - | - | ● | | |
| MICROFILTER 100% 80% 50% 30% RESET | - | | - | - | - | ● | | |
| VEHICLE CHECK 100% 50% RESET | - | | - | - | - | ● | | |
| VEHICLE INSPECTION | - | | - | - | - | ● | | |
| EXHAUST EMISSION INSPECTION | - | - | - | - | - | ● | | |
| DRIVE | LEARN VALVETRONIC LIMIT POSITION | ● | ● | ● | ● | ● | | |
| E30 | DRIVE | DME (ENGINE) | ● | ● | ● | ● | - | |
| | BODY | SRS(AIR BAG) | ● | ● | - | ● | - | |
| E36 | DRIVE | DME (ENGINE) | ● | ● | ● | ● | - | |
| | | EGS (TRANSMISSION) | ● | ● | ● | ● | - | |
| | | EWS (IMMOBILIZER) | ● | ● | - | ● | - | |
| | | GR2 (CRUISE CONTROL) | ● | - | - | ● | - | |
| | CHASSIS | ABS/ASC/DSC | ● | ● | ● | ● | - | |
| | | SRS(AIR BAG) | ● | ● | - | ● | - | |
| | BODY | IKE/IKI/KOMBI | ● | ● | ● | ● | - | |
| | | ZKE(CENTRAL BODY SYSTEM) | ● | ● | ● | ● | - | |
| | | CVM(CONVERTIBLETOP) | ● | - | - | ● | - | |
| | | PDC (PARK DISTANCE CONTROL) | ● | - | - | ● | - | |
| LWS (STEERING ANGLE) | ● | - | - | ● | - | | | |

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| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP | |
|---------------------------------|--------------------------------|----------------------------|--|--------------------------------|----|-----|----|----|---|
| 3 SERIES | E36 | COMM. & INFO. | RADIO | ● | - | - | ● | - | |
| | | | ONBOARD-MONITOR | ● | - | - | ● | - | |
| | | | MID (MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - | |
| | | | IRIS (INTEGRATED RADIO INFORMATION SYSTEM) | ● | - | - | ● | - | |
| | AC | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | | |
| | E46 | DRIVE | DME (ENGINE) | ● | ● | ● | ● | ● | |
| | | | EGS (TRANSMISSION) | ● | ● | ● | ● | - | |
| | | | EWS (IMMOBILIZER) | ● | ● | - | ● | - | |
| | | | GR2 (CRUISE CONTROL) | ● | - | - | ● | - | |
| | | CHASSIS | ABS/ASC/DSC | ● | ● | ● | ● | ● | |
| | | | RDC (TIRE PRESSURE) | ● | - | - | ● | - | |
| | | BODY | SRS(AIR BAG) | ● | ● | - | ● | - | |
| | | | IKE/IKI/KOMBI | ● | ● | ● | ● | - | |
| | | | ZKE(CENTRAL BODY SYSTEM) | ● | ● | ● | ● | - | |
| | | | LCM (LIGHT CHECK) | ● | - | - | ● | - | |
| | | | XENON, LEFT | ● | - | - | ● | - | |
| | | | XENON, RIGHT | ● | - | - | ● | - | |
| | | | PDC (PARK DISTANCE CONTROL) | ● | - | - | ● | - | |
| | | | AIC/RLS (RAIN & LIGHT SENSOR) | ● | - | - | ● | - | |
| | | | MFL (MULTI-FUNCTIONAL STEERING WHEEL) | ● | - | - | ● | - | |
| | | | CVM (CONVERTIBLETOP) | ● | - | - | ● | - | |
| | | | SHD (SUNROOF) | ● | - | - | ● | - | |
| | | | SM (SEAT MEMORY) | ● | - | - | ● | - | |
| | | | BSM (SEAT MEMORY, PASSERGER SIDE) | ● | - | - | ● | - | |
| | | | CCM (CHECK CONTROL) | ● | - | - | ● | - | |
| | | | FBZV (REMOTE CONTROL FOR CENTRAL LOCK) | ● | - | - | ● | - | |
| | | | LWS (STEERING ANGLE) | ● | - | - | ● | - | |
| | | COMM. & INFO. | RADIO | ● | - | - | ● | - | |
| | | | BIT (BASIS-INTERFACE TELEPHONE) | ● | - | - | ● | - | |
| | | | ONBOARD-MONITOR | ● | - | - | ● | - | |
| | | | DSP-BOOSTER | ● | - | - | ● | - | |
| | | | MID (MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - | |
| | | | FID (REAR MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - | |
| | | | IRIS (INTEGRATED RADIO INFORMATION SYSTEM) | ● | - | - | ● | - | |
| | | | NAVIGATION | ● | - | - | ● | - | |
| | | | NAVIGATION JAP | ● | - | - | ● | - | |
| | | | VIDEO MODULE, GRAPHICS | ● | - | - | ● | - | |
| | | | VIDEO MODULE, TV | ● | - | - | ● | - | |
| | | | SES | ● | - | - | ● | - | |
| | | AC | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | |
| | | E90 | DRIVE | CAS(CAR ACCESS SYSTEM) | ● | ● | ● | ● | - |
| | | | | DME(DIGITAL MOTOR ELECTRONICS) | ● | ● | ● | ● | ● |
| | | | | EGS(TRANSMISSION CONTROL) | ● | ● | ● | ● | - |
| | | | | EKPS(ELECTRIC FUEL PUMP) | ● | ● | ● | ● | - |
| | | | CHASSIS | ABS/ASC/DSC(DYNAMIC STABILITY) | ● | ● | ● | ● | ● |
| | EPS(ELECTRONIC POWER STEERING) | | | ● | ● | ● | ● | - | |
| | RDC (TIRE PRESSURE CONTROL) | | | ● | ● | ● | ● | - | |
| | BODY | | IHKA(AUTOMATIC HEAT AND A/C) | ● | ● | ● | ● | - | |
| | | | KOM(INSTRUMENT CLUSTER) | ● | ● | ● | ● | - | |
| | | | CD/M-ASK-BO(USER INTERFACE) | ● | ● | ● | ● | - | |
| | | | CD-GW(CONTROL DISPLAY GATEWAY) | ● | ● | ● | ● | - | |
| | | | JBE(JUNCTION-BOX ELECTRONICS) | ● | ● | ● | ● | - | |
| MRS/AIRBAG(MULTIPLE RESTRAINT) | | | ● | ● | ● | ● | - | | |
| FRM(FOOTWEEL MODULE) | | | ● | ● | ● | ● | - | | |
| FZD(FUNCTION CENTER ROOF) | | | ● | ● | ● | ● | - | | |
| PDC(PARK DISTANCE CONTROL) | | | ● | ● | ● | ● | - | | |
| CID(CENTER INFORMATION DISPLAY) | | | ● | ● | ● | ● | - | | |
| M-ASK-NAV(NAVIGATION SYSTEM) | | | ● | ● | ● | ● | - | | |
| CCC-A(APPLICATIONS) | | | ● | ● | ● | ● | - | | |
| CCC-ANT(ANTENNA TUNER) | | | ● | ● | ● | ● | - | | |
| CCC-ASK(AUDIO SYSTEM CONTROL) | ● | ● | ● | ● | - | | | | |
| CDC(COMPACT DISK CHANGER) | ● | ● | ● | ● | - | | | | |
| TCU/TEL(TELEMATIC CONTROL) | ● | ● | ● | ● | - | | | | |
| E90 | BODY | VM(VIDEO MODULE) | ● | ● | ● | ● | - | | |
| | | SMFA(SEAT MODULE,DRV.SIDE) | ● | ● | ● | ● | - | | |

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| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP | |
|---------------------------------------|---------------|----------------------------------|--|---|----|-----|----|----|---|
| 3 SERIES | E90 | BODY | SMBF(SEAT MODULE,PASS.SIDE) | ● | ● | ● | ● | - | |
| | | | AMP(RADIO SYSTEM AMPLIFIER) | ● | ● | ● | ● | - | |
| | | | SINE(SIREN AND TILT SENSOR) | ● | ● | ● | ● | - | |
| | | | DWA(THEFT DETERRENT SYSTEM) | ● | ● | ● | ● | - | |
| | | | ULF-SBX-H | ● | ● | ● | ● | - | |
| | | | DAB(DIGITAL TUNER) | ● | ● | ● | ● | - | |
| | | | CA(COMFORT ACCESS) | ● | ● | ● | ● | - | |
| | | | GWS(GEAR SELECTOR SWITCH) | ● | ● | ● | ● | - | |
| | | | HUD(HEAD-UP DISPLAY) | ● | ● | ● | ● | - | |
| | | | FLA(HIGH BEAM ASSIST) | ● | ● | ● | ● | - | |
| | | | RLS(RAIN/LIGHT SENSOR) | ● | ● | ● | ● | - | |
| | | | SZL(SWITCH CENT.,STEERING COLUMN) | ● | ● | ● | ● | - | |
| | | | SZM/BZM(CENTER CONSOLE) | ● | ● | ● | ● | - | |
| | | | SHD(SLIDING/TILTING SUNROOF) | ● | ● | ● | ● | - | |
| | | CVM(CONVERTIBLE TOP BOMULE) | ● | ● | ● | ● | - | | |
| | | LM(LIGHTS MODULE) | ● | ● | ● | ● | - | | |
| | | SERVICE | (CBS RESET) | ENGINE OIL 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | | SPARK PLUGS 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | | DIESEL PARTICLE FILTER 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | | FRONT BRAKE 100% 80% 50% RESET | - | - | - | - | ● |
| REAR BRAKE 100% 80% 50% RESET | - | | | - | - | - | ● | | |
| COOLANT 100% 80% 50% 30% RESET | - | | | - | - | - | ● | | |
| BRAKE FLUID 100% 80% 50% 30% RESET | - | | | - | - | - | ● | | |
| MICROFILTER 100% 80% 50% 30% RESET | - | | | - | - | - | ● | | |
| VEHICLE CHECK 100% 50% RESET | - | | | - | - | - | ● | | |
| VEHICLE INSPECTION | - | | | - | - | - | ● | | |
| EXHAUST EMISSION INSPECTION | - | - | - | - | ● | | | | |
| DRIVE | | LEARN VALVETRONIC LIMIT POSITION | ● | ● | ● | ● | ● | | |
| - | | - | - | - | - | - | - | | |
| - | | - | - | - | - | - | - | | |
| 5 SERIES | E28 | DRIVE | DME (ENGINE) | ● | ● | ● | ● | ● | |
| | | | DME (ENGINE) | ● | ● | ● | ● | ● | |
| | E34 | DRIVE | EGS (TRANSMISSION) | ● | ● | ● | ● | - | |
| | | | EWS (IMMOBILIZER) | ● | ● | - | ● | - | |
| | | CHASSIS | ABS/ASC/DSC | ● | ● | ● | ● | ● | |
| | | | AHK (ACTIVE REAL AXLE) | ● | - | - | ● | - | |
| | BODY | SRS(AIR BAG) | ● | ● | - | ● | - | | |
| | | IKE/IKI/KOMBI | ● | ● | ● | ● | - | | |
| | | ZKE(CENTRAL BODY SYSTEM) | ● | ● | ● | ● | - | | |
| | | EKM (ELEC. BODY MODULE) | ● | - | - | ● | - | | |
| | COMM. & INFO. | | LCM/LM (LIGHT CHECK) | ● | - | - | ● | - | |
| | AC | | MID (MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - | |
| | E39 | DRIVE | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | |
| | | | DME (ENGINE) | ● | ● | ● | ● | ● | |
| | | | EGS/AGS (TRANSMISSION) | ● | ● | ● | ● | - | |
| | | | EWS (IMMOBILIZER) | ● | ● | - | ● | - | |
| | | | GR2 (CRUISE CONTROL) | ● | - | - | ● | - | |
| | | | CHASSIS | ABS/ASC/DSC | ● | ● | ● | ● | ● |
| | | BODY | EHC (ride HEIGHT CONTROL) | ● | - | - | ● | - | |
| | | | RDC (TIRE PRESSURE) | ● | - | - | ● | - | |
| SRS(AIR BAG) | | | ● | ● | - | ● | - | | |
| IKE/IKI/KOMBI | | | ● | ● | ● | ● | - | | |
| ZKE(CENTRAL BODY SYSTEM) | | | ● | ● | ● | ● | - | | |
| LCM (LIGHT CHECK) | | | ● | - | - | ● | - | | |
| SZM (SWITCHING CENTER) | | | ● | - | - | ● | - | | |
| XENON, LEFT | | | ● | - | - | ● | - | | |
| XENON, RIGHT | | | ● | - | - | ● | - | | |
| PDC (PARK DISTANCE CONTROL) | | | ● | ● | ● | ● | - | | |
| AIC/RLS (RAIN & LIGHT SENSOR) | | | ● | - | - | ● | - | | |
| MFL (MULTI-FUNCTIONAL STEERING WHEEL) | | | ● | - | - | ● | - | | |
| SHD (SUNROOF) | ● | - | - | ● | - | | | | |
| SM (SEAT MEMORY) | ● | - | - | ● | - | | | | |
| BSM (SEAT MEMORY, PASSERGER SIDE) | ● | - | - | ● | - | | | | |
| 5 SERIES | E39 | BODY | CCM (CHECK CONTROL) | ● | - | - | ● | - | |
| | | | FBZV (REMOTE CONTROL FOR CENTRAL LOCK) | ● | - | - | ● | - | |
| | | | HKM (TRUNK LID MODULE) | ● | - | - | ● | - | |

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| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP | |
|---------------------------------|--------------------------------|---------------------------------|--|------------------------|----|-----|----|----|---|
| 5 SERIES | E39 | BODY | SBE2 (SEAT OCCPATION CDETECTION) | ● | - | - | ● | - | |
| | | | SPMBT (MIRROR MEMORY, PASSENGER SI) | ● | - | - | ● | - | |
| | | | SPMFT (MIRROR MEMORY, DRIVER SIDE) | ● | | | ● | - | |
| | | | STH (ADDITIONAL HEATER) | ● | - | - | ● | - | |
| | | | LWS (STEERING ANGLE) | ● | - | - | ● | - | |
| | | | ELV (ELEC. STEERING) | ● | - | - | ● | - | |
| | | COMM. & INFO. | RADIO | ● | - | - | ● | - | |
| | | | BIT (BASIS-INTERFACE TELEPHONE) | ● | - | - | ● | - | |
| | | | ONBOARD-MONITOR | ● | - | - | ● | - | |
| | | | DSP-BOOSTER | ● | - | - | ● | - | |
| | | | MID (MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - | |
| | | | FID (REAR MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - | |
| | | | IRIS (INTEGRATED RADIO INFORMATION SY) | ● | - | - | ● | - | |
| | | | NAVIGATION | ● | - | - | ● | - | |
| | | | NAVIGATION JAP | ● | - | - | ● | - | |
| | | | VIDEO MODULE, GRAPHICS | ● | - | - | ● | - | |
| | | | VIDEO MODULE, TV | ● | - | - | ● | - | |
| | | | SES | ● | - | - | ● | - | |
| | | | AC | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - |
| | | | DRIVE | CAS(CAR ACCESS SYSTEM) | ● | ● | ● | ● | - |
| | DME(DIGITAL MOTOR ELECTRONICS) | ● | | ● | ● | ● | ● | | |
| | EGS(TRANSMISSION CONTROL) | ● | | ● | ● | ● | - | | |
| | EKPS(ELECTRIC FUEL PUMP) | ● | | ● | ● | ● | - | | |
| | VTC(VALVETRONIC) | - | | - | - | ● | - | | |
| | VTC2(VALVETRONIC2) | ● | | - | - | ● | - | | |
| | CHASSIS | ABS/ASC/DSC(DYNAMIC STABILITY) | ● | ● | ● | ● | ● | | |
| | | AL(ACTIVE STEERING) | ● | ● | ● | ● | - | | |
| | | ARS(ACTIVE ROLL STABILIZER) | ● | ● | ● | ● | - | | |
| | | RDC(TIRE PRESSURE CONTROL) | ● | ● | ● | ● | - | | |
| | BODY | AMP(RADIO SYSTEM AMPLIFIER) | ● | ● | ● | ● | - | | |
| | | CCC-A(APPLICATIONS) | ● | ● | ● | ● | - | | |
| | | CCC-ANT(ANTENNA SYSTEM) | ● | ● | ● | ● | - | | |
| | | CCC-ASK(AUDIO SYSTEM CONTORL) | ● | ● | ● | ● | - | | |
| | | DWA(THEFT DETERRENT SYSTEM) | ● | ● | ● | ● | - | | |
| | | IHKA/IHKR(HEAT AND A/C) | ● | ● | ● | ● | - | | |
| | | INSTR/KOM(INSTRUMENT CLUSTER) | ● | ● | ● | ● | - | | |
| | | PDC(PARK DISTANCE CONTROL) | ● | ● | ● | ● | - | | |
| | | SGM/KGM/ZGM(GATEWAY MODULE) | ● | ● | ● | ● | - | | |
| | | SGM/SIM/ACSM(SAFETY MODULE) | ● | ● | ● | ● | - | | |
| | | KBM(BODY BASE MODULE) | ● | ● | ● | ● | - | | |
| | | SZL(SWITCH CENTER STEER COLUMN) | ● | ● | ● | ● | - | | |
| | | SZM/BZM(CENTER CONSOLE) | ● | ● | ● | ● | - | | |
| | | SBSL(SATELLITE,B-PILLAR,LEFT) | ● | ● | ● | ● | - | | |
| | | SBSR(SATELLITE,B-PILLAR,RIGHT) | ● | ● | ● | ● | - | | |
| | | SMFA(SEAT MODULE,DRV.SIDE) | ● | ● | ● | ● | - | | |
| | | SMBF(SEAT MODULE,PASS.SIDE) | ● | ● | ● | ● | - | | |
| | | TMFA(DOOR MODLUE, DRIVER) | ● | ● | ● | ● | - | | |
| | | TMBF(DOOR MODLUE, FRONT PASS.) | ● | ● | ● | ● | - | | |
| | | TCU/TEL(TELEMATIC CONTROL) | ● | ● | ● | ● | - | | |
| | | LM(LIGHTS MODULE) | ● | ● | ● | ● | - | | |
| | | CD/M-ASK-BO(USER INTERFACE) | ● | ● | ● | ● | - | | |
| | | CD-GW(CONTROL DISPLAY GATEWAY) | ● | ● | ● | ● | - | | |
| CDC(COMPACT DISK CHANGER) | | ● | ● | ● | ● | - | | | |
| CID(CENTER INFORMATION DISPLAY) | | ● | ● | ● | ● | - | | | |
| PM/MPM(POWER MODULE) | | ● | ● | ● | ● | - | | | |
| RLS(RAIN/LIGHT SENSOR) | | ● | ● | ● | ● | - | | | |
| SHD(SLIDING/TILTING SUNROOF) | | ● | ● | ● | ● | - | | | |
| SINE(SIREN AND TILT SENSOR) | | ● | ● | ● | ● | - | | | |
| CON(CONTROLLER) | | ● | ● | ● | ● | - | | | |
| VM(VIDEO MODULE) | ● | ● | ● | ● | - | | | | |
| TCU/TEL(TELEMATIC CONTROL) | ● | ● | ● | ● | - | | | | |
| SFZ(SATELLITE VEHICLE CENTER) | ● | ● | ● | ● | - | | | | |
| NAVI(NAVIGATION SYSTEM) | ● | ● | ● | ● | - | | | | |
| ULF-SBX-H | ● | ● | ● | ● | - | | | | |
| DAB(DIGITAL TUNER) | ● | ● | ● | ● | - | | | | |
| CA(COMFORT ACCESS) | ● | ● | ● | ● | - | | | | |
| E60/E61 | BODY | CAS(CAR ACCESS SYSTEM) | ● | ● | ● | ● | - | | |
| | | DME(DIGITAL MOTOR ELECTRONICS) | ● | ● | ● | ● | ● | | |
| | | EGS(TRANSMISSION CONTROL) | ● | ● | ● | ● | - | | |
| | | EKPS(ELECTRIC FUEL PUMP) | ● | ● | ● | ● | - | | |
| | | VTC(VALVETRONIC) | - | - | - | ● | - | | |
| | | VTC2(VALVETRONIC2) | ● | - | - | ● | - | | |
| | | ABS/ASC/DSC(DYNAMIC STABILITY) | ● | ● | ● | ● | ● | | |
| | | AL(ACTIVE STEERING) | ● | ● | ● | ● | - | | |
| | | ARS(ACTIVE ROLL STABILIZER) | ● | ● | ● | ● | - | | |
| | | RDC(TIRE PRESSURE CONTROL) | ● | ● | ● | ● | - | | |
| | | AMP(RADIO SYSTEM AMPLIFIER) | ● | ● | ● | ● | - | | |
| | | CCC-A(APPLICATIONS) | ● | ● | ● | ● | - | | |
| | | CCC-ANT(ANTENNA SYSTEM) | ● | ● | ● | ● | - | | |
| | | CCC-ASK(AUDIO SYSTEM CONTORL) | ● | ● | ● | ● | - | | |
| | | DWA(THEFT DETERRENT SYSTEM) | ● | ● | ● | ● | - | | |
| | | IHKA/IHKR(HEAT AND A/C) | ● | ● | ● | ● | - | | |
| | | INSTR/KOM(INSTRUMENT CLUSTER) | ● | ● | ● | ● | - | | |
| | | PDC(PARK DISTANCE CONTROL) | ● | ● | ● | ● | - | | |
| | | SGM/KGM/ZGM(GATEWAY MODULE) | ● | ● | ● | ● | - | | |
| | | SGM/SIM/ACSM(SAFETY MODULE) | ● | ● | ● | ● | - | | |
| | | KBM(BODY BASE MODULE) | ● | ● | ● | ● | - | | |
| | | SZL(SWITCH CENTER STEER COLUMN) | ● | ● | ● | ● | - | | |
| | | SZM/BZM(CENTER CONSOLE) | ● | ● | ● | ● | - | | |
| | | SBSL(SATELLITE,B-PILLAR,LEFT) | ● | ● | ● | ● | - | | |
| | | SBSR(SATELLITE,B-PILLAR,RIGHT) | ● | ● | ● | ● | - | | |
| | | SMFA(SEAT MODULE,DRV.SIDE) | ● | ● | ● | ● | - | | |
| | | SMBF(SEAT MODULE,PASS.SIDE) | ● | ● | ● | ● | - | | |
| | | TMFA(DOOR MODLUE, DRIVER) | ● | ● | ● | ● | - | | |
| | | TMBF(DOOR MODLUE, FRONT PASS.) | ● | ● | ● | ● | - | | |
| | | TCU/TEL(TELEMATIC CONTROL) | ● | ● | ● | ● | - | | |
| LM(LIGHTS MODULE) | ● | ● | ● | ● | - | | | | |
| CD/M-ASK-BO(USER INTERFACE) | ● | ● | ● | ● | - | | | | |
| CD-GW(CONTROL DISPLAY GATEWAY) | ● | ● | ● | ● | - | | | | |
| CDC(COMPACT DISK CHANGER) | ● | ● | ● | ● | - | | | | |
| CID(CENTER INFORMATION DISPLAY) | ● | ● | ● | ● | - | | | | |
| PM/MPM(POWER MODULE) | ● | ● | ● | ● | - | | | | |
| RLS(RAIN/LIGHT SENSOR) | ● | ● | ● | ● | - | | | | |
| SHD(SLIDING/TILTING SUNROOF) | ● | ● | ● | ● | - | | | | |
| SINE(SIREN AND TILT SENSOR) | ● | ● | ● | ● | - | | | | |
| CON(CONTROLLER) | ● | ● | ● | ● | - | | | | |
| VM(VIDEO MODULE) | ● | ● | ● | ● | - | | | | |
| TCU/TEL(TELEMATIC CONTROL) | ● | ● | ● | ● | - | | | | |
| SFZ(SATELLITE VEHICLE CENTER) | ● | ● | ● | ● | - | | | | |
| NAVI(NAVIGATION SYSTEM) | ● | ● | ● | ● | - | | | | |
| ULF-SBX-H | ● | ● | ● | ● | - | | | | |
| DAB(DIGITAL TUNER) | ● | ● | ● | ● | - | | | | |
| CA(COMFORT ACCESS) | ● | ● | ● | ● | - | | | | |

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| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP | |
|----------|--------------------|--|---------------------------------------|-----------------------|--------------|-----|----|----|---|
| 6 SERIES | E63 | SERVICE FUNCTION | FRONT BRAKE 100% 80% 50% RESET | - | - | - | - | ● | |
| | | | REAR BRAKE 100% 80% 50% RESET | - | - | - | - | ● | |
| | | | COOLANT 100% 80% 50% 30% RESET | - | - | - | - | ● | |
| | | | BRAKE FLUID 100% 80% 50% 30% RESET | - | - | - | - | ● | |
| | | | MICROFILTER 100% 80% 50% 30% RESET | - | - | - | - | ● | |
| | | | VEHICLE CHECK 100% 50% RESET | - | - | - | - | ● | |
| | | | VEHICLE INSPECTION | - | - | - | - | ● | |
| | | | EXHAUST EMISSION INSPECTION | - | - | - | - | ● | |
| 7 SERIES | E23 | DRIVE | DME (ENGINE) | ● | ● | ● | ● | ● | |
| | | | DME (ENGINE) | ● | ● | ● | ● | ● | |
| | E32 | DRIVE | EGS (TRANSMISSION) | ● | ● | ● | ● | - | |
| | | | EML | ● | ● | ● | ● | - | |
| | | | EWS (IMMOBILIZER) | ● | ● | - | ● | - | |
| | | | ABS/ASC/DSC | ● | ● | ● | ● | ● | |
| | E32 | CHASSIS | EDC (ELEC. DAMPER CONTROL) | ● | - | - | ● | - | |
| | | | AHK (ACTIVE REAL AXLE) | ● | - | - | ● | - | |
| | | | SRS(AIR BAG) | ● | ● | - | ● | - | |
| | E32 | BODY | IKE/IKI/KOMBI | ● | ● | ● | ● | - | |
| | | | ZKE(CENTRAL BODY SYSTEM) | ● | ● | ● | ● | - | |
| | | | EKM (ELEC. BODY MODULE) | ● | - | - | ● | - | |
| | | | LCM/LM (LIGHT CHECK) | ● | - | - | ● | - | |
| | | | MID (MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - | |
| | E32 | COMM. & INFO. | AC | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - |
| | | | E38 | DRIVE | DME (ENGINE) | ● | ● | ● | ● |
| | EGS (TRANSMISSION) | ● | | | ● | ● | ● | - | |
| | EML | ● | | | ● | ● | ● | - | |
| | EWS (IMMOBILIZER) | ● | | | ● | - | ● | - | |
| | E38 | CHASSIS | GR2 (CRUISE CONTROL) | ● | - | - | ● | - | |
| | | | ABS/ASC/DSC | ● | ● | ● | ● | ● | |
| | | | EDC (ELEC. DAMPER CONTROL) | ● | - | - | ● | - | |
| | E38 | BODY | RDC (TIRE PRESSURE) | ● | - | - | ● | - | |
| | | | SRS(AIR BAG) | ● | ● | - | ● | - | |
| | | | IKE/IKI/KOMBI | ● | ● | ● | ● | - | |
| | | | ZKE(CENTRAL BODY SYSTEM) | ● | ● | ● | ● | - | |
| | | | LCM (LIGHT CHECK) | ● | - | - | ● | - | |
| | | | SZM (SWITCHING CENTER) | ● | - | - | ● | - | |
| | | | XENON, LEFT | ● | - | - | ● | - | |
| | | | XENON, RIGHT | ● | - | - | ● | - | |
| | | | PDC (PARK DISTANCE CONTROL) | ● | - | - | ● | - | |
| | | | AIC/RLS (RAIN & LIGHT SENSOR) | ● | - | - | ● | - | |
| | | | MFL (MULTI-FUNCTIONAL STEERING WHEEL) | ● | - | - | ● | - | |
| | | | SHD (SUNROOF) | ● | - | - | ● | - | |
| | | | SM (SEAT MEMORY) | ● | - | - | ● | - | |
| | | | BSM (SEAT MEMORY, PASSENGER SIDE) | ● | - | - | ● | - | |
| E38 | COMM. & INFO. | CCM (CHECK CONTROL) | ● | - | - | ● | - | | |
| | | FBZV (REMOTE CONTROL FOR CENTRAL LOCK) | ● | - | - | ● | - | | |
| | | HKM (TRUNK LID MODULE) | ● | - | - | ● | - | | |
| | | SBE2 (SEAT OCCUPATION CDETECTION) | ● | - | - | ● | - | | |
| | | SPMBT (MIRROR MEMORY, PASSENGER SIDE) | ● | - | - | ● | - | | |
| | | SPMFT (MIRROR MEMORY, DRIVER SIDE) | ● | - | - | ● | - | | |
| | | STH (ADDITIONAL HEATER) | ● | - | - | ● | - | | |
| | | LWS (STEERING ANGLE) | ● | - | - | ● | - | | |
| | | ELV (ELEC. STEERING) | ● | - | - | ● | - | | |
| | | RADIO | ● | - | - | ● | - | | |
| | | BIT (BASIS-INTERFACE TELEPHONE) | ● | - | - | ● | - | | |
| | | ONBOARD-MONITOR | ● | - | - | ● | - | | |
| | | DSP-BOOSTER | ● | - | - | ● | - | | |
| | | MID (MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - | | |
| E38 | COMM. & INFO. | FID (REAR MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - | | |
| | | IRIS (INTEGRATED RADIO INFORMATION SYSTEM) | ● | - | - | ● | - | | |
| | | NAVIGATION | ● | - | - | ● | - | | |
| | | NAVIGATION JAP | ● | - | - | ● | - | | |
| | | VIDEO MODULE, GRAPHICS | ● | - | - | ● | - | | |
| | | VIDEO MODULE, TV | ● | - | - | ● | - | | |

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| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP | |
|----------|---------------------------------|--------------------------------|----------------------------------|---|----|-----|----|----|---|
| 7 SERIES | E38 | AC | SES | ● | - | - | ● | - | |
| | | | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | |
| | E65 | AC | FGB (REAR COMPARTMENT BLOWER) | ● | - | - | ● | - | |
| | | | CAS(CAR ACCESS SYSTEM) | ● | ● | - | ● | - | |
| | | DRIVE | DME(DIGITAL MOTOR ELECTRONICS) | ● | ● | ● | ● | ● | |
| | | | EGS(TRANSMISSION CONTROL) | ● | ● | ● | ● | - | |
| | | | EKPS(ELECTRIC FUEL PUMP) | ● | ● | ● | ● | - | |
| | | | VTC(VALVETRONIC) | - | - | - | ● | - | |
| | | | VTC2(VALVETRONIC2) | ● | - | - | ● | - | |
| | | | CHASSIS | ARS(ACTIVE ROLL STABILIZER) | ● | ● | ● | ● | - |
| | | | | CIM(CHASSIS INTEGRATED MODULE) | ● | ● | ● | ● | - |
| | | ABS/ASC/DSC(DYNAMIC STABILITY) | | ● | ● | ● | ● | ● | |
| | | EHC(ELECTRONIC HEIGHT CONTROL) | | ● | ● | ● | ● | - | |
| | | EMF(ELECT-MAGN. PARKING BRAKE) | | ● | ● | ● | ● | - | |
| | | EDC(ELECTRONIC DAMPER CONTROL) | | ● | ● | ● | ● | - | |
| | | RDC(TIRE PRESSURE CONTROL) | | ● | ● | ● | ● | - | |
| | | BODY | AMP(RADIO SYSTEM AMPLIFIER) | ● | ● | ● | ● | - | |
| | | | ANT(ANTENNA/ANTENNA TUNNER) | ● | ● | ● | ● | - | |
| | | | ASK(AUDIO SYSTEM CONTROLLER) | ● | ● | ● | ● | - | |
| | | | BZM(CENTER CONSOLE CONTROL) | ● | ● | ● | ● | - | |
| | | | FBZM(REAR COMPARTMENT CENTER) | ● | ● | ● | ● | - | |
| | | | SZM/BZM(CENTER CONSOLE) | ● | ● | ● | ● | - | |
| | | | CD/M-ASK-BO(USER INTERFACE) | ● | ● | ● | ● | - | |
| | | | CD-GW(CONTROL DISPLAY GATEWAY) | ● | ● | ● | ● | - | |
| | | | CDC(COMPACT DISK CHANGER) | ● | ● | ● | ● | - | |
| | | | CON(CONTROLLER) | ● | ● | ● | ● | - | |
| | | | DWA(THEFT DETERRENT SYSTEM) | ● | ● | ● | ● | - | |
| | | | IHKA/IHKR(HEAT AND A/C) | ● | ● | ● | ● | - | |
| | | | HKL(HYDRAULIC TRUNK LID LIFT) | ● | ● | ● | ● | - | |
| | | | INSTR/KOM(INSTRUMENT CLUSTER) | ● | ● | ● | ● | - | |
| | | | LM(LIGHTS MODULE) | ● | ● | ● | ● | - | |
| | | | NAVI(NAVIGATION SYSTEM) | ● | ● | ● | ● | - | |
| | | | PDC(PARK DISTANCE CONTROL) | ● | ● | ● | ● | - | |
| | | | PM/MPM(POWER MODULE) | ● | ● | ● | ● | - | |
| | | | RLS(RAIN/LIGHT SENSOR) | ● | ● | ● | ● | - | |
| | | | SASR(SATELLITE,A-PILLAR,RIGHT) | ● | ● | ● | ● | - | |
| | | | SBSL(SATELLITE,B-PILLAR,LEFT) | ● | ● | ● | ● | - | |
| | | | SBSR(SATELLITE,B-PILLAR,RIGHT) | ● | ● | ● | ● | - | |
| | | | SFZ(SATELLITE VEHICLE CENTER) | ● | ● | ● | ● | - | |
| | | | SSBF(SATELLITE, SEAT, PASSENGER) | ● | ● | ● | ● | - | |
| | | | SSFA(SATELLITE,SEAT,DRIVE) | ● | ● | ● | ● | - | |
| | | | SSH(SEAT SATELLITE, REAR SEAT) | ● | ● | ● | ● | - | |
| | | | STVL(SATELLITE,LT. FRONT DOOR) | ● | ● | ● | ● | - | |
| | | | STVR(SATELLITE,RT.FRONT DOOR) | ● | ● | ● | ● | - | |
| | | | SHD(SLIDING/TILTING SUNROOF) | ● | ● | ● | ● | - | |
| | | | SINE(SIREN AND TILT SENSOR) | ● | ● | ● | ● | - | |
| | | | SMFA(SEAT MODULE,DRV.SIDE) | ● | ● | ● | ● | - | |
| | | | SMBF(SEAT MODULE,PASS.SIDE) | ● | ● | ● | ● | - | |
| | | | SMFAH(SEAT MODULE, DRV. REAR) | ● | ● | ● | ● | - | |
| | SMBFH(SEAT MODULE, PASS. REAR) | | ● | ● | ● | ● | - | | |
| | SZL(SWITCH CENTER STEER COLUMN) | | ● | ● | ● | ● | - | | |
| | TCU/TEL(TELEMATIC CONTROL) | | ● | ● | ● | ● | - | | |
| | TMBFH(DOOR MODULE,PASS. REAR) | | ● | ● | ● | ● | - | | |
| | TMBFT(DOOR MODULE,PASS. SIDE) | | ● | ● | ● | ● | - | | |
| | TMFAH(DOOR MODULE, DRV. REAR) | | ● | ● | ● | ● | - | | |
| | TMFAT(DOOR MODLUE, DRV. SIDE) | | ● | ● | ● | ● | - | | |
| | VM(VIDEO MODULE) | | ● | ● | ● | ● | - | | |
| | WIM(WIPER CONTROL MODULE) | | ● | ● | ● | ● | - | | |
| | SGM/KGM/ZGM(GATEWAY MODULE) | | ● | ● | ● | ● | - | | |
| | SGM/SIM/ACSM(SAFETY MODULE) | | ● | ● | ● | ● | - | | |
| | SERVICE FUNCTION | | CBS RESET | ENGINE OIL 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | | SPARK PLUGS 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | | DIESEL PARTICLE FILTER 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | FRONT BRAKE 100% 80% 50% RESET | | - | - | - | - | ● | |
| | | REAR BRAKE 100% 80% 50% RESET | | - | - | - | - | ● | |

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| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP |
|---------------------------------------|--|---------------------------------|------------------------------------|-------|--------------|-----|----|----|
| 7 SERIES | E65 | SERVICE FUNCTION | COOLANT 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | BRAKE FLUID 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | MICROFILTER 100% 80% 50% 30% RESET | - | - | - | - | ● |
| | | | VEHICLE CHECK 100% 50% RESET | - | - | - | - | ● |
| | | | VEHICLE INSPECTION | - | - | - | - | ● |
| | | | EXHAUST EMISSION INSPECTION | - | - | - | - | ● |
| | | | LEARN VALVETRONIC LIMIT POSITION | ● | ● | ● | ● | ● |
| 8 SERIES | E31 | DRIVE | DME (ENGINE) | ● | ● | ● | ● | ● |
| | | | EGS (TRANSMISSION) | ● | ● | ● | ● | - |
| | | | EML | ● | ● | ● | ● | - |
| | | | EWS (IMMOBILIZER) | ● | ● | - | ● | - |
| | | CHASSIS | ABS/ASC/DSC | ● | ● | ● | ● | ● |
| | | | EDC (ELEC. DAMPER CONTROL) | ● | - | - | ● | - |
| | | BODY | SRS(AIR BAG) | ● | ● | - | ● | - |
| | | | IKE/IKI/KOMBI | ● | ● | ● | ● | - |
| | | | ZKE(CENTRAL BODY SYSTEM) | ● | ● | ● | ● | - |
| | | | EKM (ELEC. BODY MODULE) | ● | - | - | ● | - |
| | | COMM. & INFO. | LCM/LM (LIGHT CHECK) | ● | - | - | ● | - |
| | | | MID (MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - |
| | | AC | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - |
| | | X SERIES | X1 (E84) | DRIVE | DME (ENGINE) | - | - | - |
| EGS/AGS (TRANSMISSION) | - | | | | - | - | - | - |
| EWS (IMMOBILIZER) | - | | | | - | - | - | - |
| VTG (VARIABLE TURBINE GEOMETRY) | - | | | | - | - | - | - |
| CHASSIS | ABS/ASC/DSC | | | - | - | - | - | - |
| | EHC (ELEC. HEIGHT CONTROL) | | | - | - | - | - | - |
| | RDC (TIRE PRESSURE) | | | - | - | - | - | - |
| BODY | SRS(AIR BAG) | | | - | - | - | - | - |
| | IKE/IKI/KOMBI | | | - | - | - | - | - |
| | ZKE(CENTRAL BODY SYSTEM) | | | - | - | - | - | - |
| | LCM (LIGHT CHECK) | | | - | - | - | - | - |
| | SZM (SWITCHING CENTER) | | | - | - | - | - | - |
| | XENON, LEFT | | | - | - | - | - | - |
| | XENON, RIGHT | | | - | - | - | - | - |
| | PDC (PARK DISTANCE CONTROL) | | | - | - | - | - | - |
| | AIC/RLS (RAIN & LIGHT SENSOR) | | | - | - | - | - | - |
| | MFL (MULTI-FUNCTIONAL STEERING WHEEL) | | | - | - | - | - | - |
| | SHD (SUNROOF) | | | - | - | - | - | - |
| | SM (SEAT MEMORY) | | | - | - | - | - | - |
| | BSM (SEAT MEMORY, PASSENGER SIDE) | | | - | - | - | - | - |
| | CCM (CHECK CONTROL) | | | - | - | - | - | - |
| | FBZV (REMOTE CONTROL FOR CENTRAL LOCK) | | | - | - | - | - | - |
| | FGB (REAR COMPARTMENT BLOWER) | | | - | - | - | - | - |
| | HKM (TRUNK LID MODULE) | | | - | - | - | - | - |
| SBE2 (SEAT OCCUPATION CDETECTION) | - | | - | - | - | - | | |
| SPMBT (MIRROR MEMORY, PASSENGER SIDE) | - | | - | - | - | - | | |
| SPMFT (MIRROR MEMORY, DRIVER SIDE) | - | | - | - | - | - | | |
| STH (ADDITIONAL HEATER) | - | | - | - | - | - | | |
| LWS (STEERING ANGLE) | - | | - | - | - | - | | |
| ELV (ELEC. STEERING) | - | | - | - | - | - | | |
| IHKA/IHKR (AC/HEATER) | - | | - | - | - | - | | |
| X3 (E83) | DRIVE | | DME (ENGINE) | ● | ● | ● | ● | ● |
| | | | EGS (TRANSMISSION) | ● | ● | ● | ● | - |
| | BODY | | ABS/ASC/DSC | ● | ● | ● | ● | ● |
| | | SRS(AIR BAG) | ● | ● | - | ● | - | |
| | AC | IKE/IKI/KOMBI | ● | ● | ● | ● | - | |
| ZKE(CENTRAL BODY SYSTEM) | | ● | ● | ● | ● | - | | |
| IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | | | |
| X5 (E53) | DRIVE | DME (ENGINE) | ● | ● | ● | ● | - | |
| | | EGS/AGS (TRANSMISSION) | ● | ● | ● | ● | - | |
| | | EWS (IMMOBILIZER) | ● | - | - | ● | - | |
| | | VTG (VARIABLE TURBINE GEOMETRY) | ● | ● | ● | ● | - | |
| | CHASSIS | ABS/ASC/DSC | ● | ● | ● | ● | - | |
| | | EHC (ELEC. HEIGHT CONTROL) | ● | - | - | ● | - | |
| | | RDC (TIRE PRESSURE) | ● | - | - | ● | - | |
| BODY | SRS(AIR BAG) | ● | ● | - | ● | - | | |

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● : SUPPORT
- : NOT SUPPORT

| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP | |
|------------------------|---|---------|---|---------------------------------------|----|-----|----|----|---|
| X SERIES | X5 (E53) | BODY | IKE/IKI/KOMBI | ● | ● | ● | ● | - | |
| | | | ZKE(CENTRAL BODY SYSTEM) | ● | ● | ● | ● | - | |
| | | | LCM (LIGHT CHECK) | ● | - | - | ● | - | |
| | | | SZM (SWITCHING CENTER) | ● | - | - | ● | - | |
| | | | XENON, LEFT | ● | - | - | ● | - | |
| | | | XENON, RIGHT | ● | - | - | ● | - | |
| | | | PDC (PARK DISTANCE CONTROL) | ● | - | - | ● | - | |
| | | | AIC/RLS (RAIN & LIGHT SENSOR) | ● | - | - | ● | - | |
| | | | MFL (MULTI-FUNCTIONAL STEERING WHEEL) | ● | - | - | ● | - | |
| | | | SHD (SUNROOF) | ● | - | - | ● | - | |
| | | | SM (SEAT MEMORY) | ● | - | - | ● | - | |
| | | | BSM (SEAT MEMORY, PASSENGER SIDE) | ● | - | - | ● | - | |
| | | | CCM (CHECK CONTROL) | ● | - | - | ● | - | |
| | | | FBZV (REMOTE CONTROL FOR CENTRAL LOCKING) | ● | - | - | ● | - | |
| | | | FGB (REAR COMPARTMENT BLOWER) | ● | - | - | ● | - | |
| | | | HKM (TRUNK LID MODULE) | ● | - | - | ● | - | |
| | | | SBE2 (SEAT OCCUPATION CDETECTION) | ● | - | - | ● | - | |
| | | | SPMBT (MIRROR MEMORY, PASSENGER SIDE) | ● | - | - | ● | - | |
| | | | SPMFT (MIRROR MEMORY, DRIVER SIDE) | ● | - | - | ● | - | |
| | | | STH (ADDITIONAL HEATER) | ● | - | - | ● | - | |
| | LWS (STEERING ANGLE) | ● | - | - | ● | - | | | |
| | ELV (ELEC. STEERING) | ● | - | - | ● | - | | | |
| | IHKA/IHKB (AC/HEATER) | ● | ● | - | ● | - | | | |
| | X5 (E70) | DRIVE | | DME (ENGINE) | - | - | - | - | - |
| | | | | EGS/AGS (TRANSMISSION) | - | - | - | - | - |
| | | | | EWS (IMMOBILIZER) | - | - | - | - | - |
| | | | | VTG (VARIABLE TURBINE GEOMETRY) | - | - | - | - | - |
| | | CHASSIS | | ABS/ASC/DSC | - | - | - | - | - |
| | | | | EHC (ELEC. HEIGHT CONTROL) | - | - | - | - | - |
| | | | | RDC (TIRE PRESSURE) | - | - | - | - | - |
| | | BODY | | SRS(AIR BAG) | - | - | - | - | - |
| | | | | IKE/IKI/KOMBI | - | - | - | - | - |
| | | | | ZKE(CENTRAL BODY SYSTEM) | - | - | - | - | - |
| | | | | LCM (LIGHT CHECK) | - | - | - | - | - |
| | | | | SZM (SWITCHING CENTER) | - | - | - | - | - |
| | | | | XENON, LEFT | - | - | - | - | - |
| | | | | XENON, RIGHT | - | - | - | - | - |
| | | | | PDC (PARK DISTANCE CONTROL) | - | - | - | - | - |
| | | | | AIC/RLS (RAIN & LIGHT SENSOR) | - | - | - | - | - |
| | | | | MFL (MULTI-FUNCTIONAL STEERING WHEEL) | - | - | - | - | - |
| | | | | SHD (SUNROOF) | - | - | - | - | - |
| | | | | SM (SEAT MEMORY) | - | - | - | - | - |
| | | | | BSM (SEAT MEMORY, PASSENGER SIDE) | - | - | - | - | - |
| | CCM (CHECK CONTROL) | | | - | - | - | - | - | |
| | FBZV (REMOTE CONTROL FOR CENTRAL LOCKING) | | | - | - | - | - | - | |
| | FGB (REAR COMPARTMENT BLOWER) | | | - | - | - | - | - | |
| | HKM (TRUNK LID MODULE) | - | - | - | - | - | | | |
| | SBE2 (SEAT OCCUPATION CDETECTION) | - | - | - | - | - | | | |
| | SPMBT (MIRROR MEMORY, PASSENGER SIDE) | - | - | - | - | - | | | |
| | SPMFT (MIRROR MEMORY, DRIVER SIDE) | - | - | - | - | - | | | |
| | STH (ADDITIONAL HEATER) | - | - | - | - | - | | | |
| | LWS (STEERING ANGLE) | - | - | - | - | - | | | |
| | ELV (ELEC. STEERING) | - | - | - | - | - | | | |
| IHKA/IHKB (AC/HEATER) | - | - | - | - | - | | | | |
| X6 (E71) | DRIVE | | DME (ENGINE) | - | - | - | - | - | |
| | | | EGS/AGS (TRANSMISSION) | - | - | - | - | - | |
| | | | EWS (IMMOBILIZER) | - | - | - | - | - | |
| X6 (E71) | DRIVE | | VTG (VARIABLE TURBINE GEOMETRY) | - | - | - | - | - | |
| | | | ABS/ASC/DSC | - | - | - | - | - | |
| | CHASSIS | | EHC (ELEC. HEIGHT CONTROL) | - | - | - | - | - | |
| | | | RDC (TIRE PRESSURE) | - | - | - | - | - | |
| | | | SRS(AIR BAG) | - | - | - | - | - | |
| | BODY | | IKE/IKI/KOMBI | - | - | - | - | - | |
| | | | ZKE(CENTRAL BODY SYSTEM) | - | - | - | - | - | |
| LCM (LIGHT CHECK) | | | - | - | - | - | - | | |
| SZM (SWITCHING CENTER) | | | - | - | - | - | - | | |

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| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP |
|--|--|---------------------------------------|--|--------------|----|-----|----|----|
| X SERIES | X6 (E71) | BODY | XENON, LEFT | - | - | - | - | - |
| | | | XENON, RIGHT | - | - | - | - | - |
| | | | PDC (PARK DISTANCE CONTROL) | - | - | - | - | - |
| | | | AIC/RLS (RAIN & LIGHT SENSOR) | - | - | - | - | - |
| | | | MFL (MULTI-FUNCTIONAL STEERING WHEEL) | - | - | - | - | - |
| | | | SHD (SUNROOF) | - | - | - | - | - |
| | | | SM (SEAT MEMORY) | - | - | - | - | - |
| | | | BSM (SEAT MEMORY, PASSENGER SIDE) | - | - | - | - | - |
| | | | CCM (CHECK CONTROL) | - | - | - | - | - |
| | | | FBZV (REMOTE CONTROL FOR CENTRAL LOCK) | - | - | - | - | - |
| | | | FGB (REAR COMPARTMENT BLOWER) | - | - | - | - | - |
| | | | HKM (TRUNK LID MODULE) | - | - | - | - | - |
| | | | SBE2 (SEAT OCCUPATION CDETECTION) | - | - | - | - | - |
| | | | SPMBT (MIRROR MEMORY, PASSENGER SIDE) | - | - | - | - | - |
| | | | SPMFT (MIRROR MEMORY, DRIVER SIDE) | - | - | - | - | - |
| | | | STH (ADDITIONAL HEATER) | - | - | - | - | - |
| LWS (STEERING ANGLE) | - | - | - | - | - | | | |
| ELV (ELEC. STEERING) | - | - | - | - | - | | | |
| IHKA/IHKR (AC/HEATER) | - | - | - | - | - | | | |
| Z SERIES | Z1 | DRIVE | DME (ENGINE) | ● | ● | ● | ● | - |
| | | | EGS (TRANSMISSION) | ● | ● | ● | ● | - |
| | | | EWS (IMMOBILIZER) | ● | ● | - | ● | - |
| | | | GR2 (CRUISE CONTROL) | ● | - | - | ● | - |
| | | | TOENS (THERMAL OIL LEVEL SENSOR) | ● | - | - | ● | - |
| | | CHASSIS | ABS/ASC/DSC | ● | ● | ● | ● | - |
| | | | BODY | SRS(AIR BAG) | ● | ● | - | ● |
| | | IKE/IKI/KOMBI | | ● | ● | ● | ● | - |
| | | ZKE(CENTRAL BODY SYSTEM) | | ● | ● | ● | ● | - |
| | | LCM (LIGHT CHECK) | | ● | - | - | ● | - |
| | | CVM (CONVERTIBLETOP) | | ● | - | - | ● | - |
| | | PDC (PARK DISTANCE CONTROL) | | ● | - | - | ● | - |
| | | LWS (STEERING ANGLE) | | ● | - | - | ● | - |
| | | COMM. & INFO. | RADIO | ● | - | - | ● | - |
| | | | ONBOARD-MONITOR | ● | - | - | ● | - |
| | | | MID (MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - |
| | IRIS (INTEGRATED RADIO INFORMATION SYSTEM) | | ● | - | - | ● | - | |
| | AC | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | |
| | Z3 | DRIVE | DME (ENGINE) | ● | ● | ● | ● | - |
| | | | EGS (TRANSMISSION) | ● | ● | ● | ● | - |
| | | | EWS (IMMOBILIZER) | ● | ● | - | ● | - |
| | | | GR2 (CRUISE CONTROL) | ● | - | - | ● | - |
| | | | TOENS (THERMAL OIL LEVEL SENSOR) | ● | - | - | ● | - |
| | | CHASSIS | ABS/ASC/DSC | ● | ● | ● | ● | - |
| | | | BODY | SRS(AIR BAG) | ● | ● | - | ● |
| | | IKE/IKI/KOMBI | | ● | ● | ● | ● | - |
| | | ZKE(CENTRAL BODY SYSTEM) | | ● | ● | ● | ● | - |
| | | LCM (LIGHT CHECK) | | ● | - | - | ● | - |
| | | CVM (CONVERTIBLETOP) | | ● | - | - | ● | - |
| | | PDC (PARK DISTANCE CONTROL) | | ● | - | - | ● | - |
| | | LWS (STEERING ANGLE) | | ● | - | - | ● | - |
| | | COMM. & INFO. | RADIO | ● | - | - | ● | - |
| ONBOARD-MONITOR | | | ● | - | - | ● | - | |
| MID (MULTI-INFORMATION DISPLAY) | | | ● | - | - | ● | - | |
| IRIS (INTEGRATED RADIO INFORMATION SYSTEM) | ● | | - | - | ● | - | | |
| AC | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | | |
| Z4 (E85) | DRIVE | DME (ENGINE) | ● | ● | ● | ● | - | |
| | | EGS (TRANSMISSION) | ● | ● | ● | ● | - | |
| | | EML | ● | ● | ● | ● | - | |
| | | EWS (IMMOBILIZER) | ● | ● | - | ● | - | |
| | CHASSIS | ABS/ASC/DSC | ● | ● | ● | ● | - | |
| | | LWS (STEERING ANGLE) | ● | - | - | ● | - | |
| | | EPS (ELECTRONIC POWER STEERING) | ● | ● | - | ● | - | |
| | | MFL (MULTI-FUNCTIONAL STEERING WHEEL) | ● | - | - | ● | - | |
| | BODY | SIM(SAFETY INFORMATION MODULE) | ● | ● | ● | ● | - | |
| | | SRS(AIR BAG) | ● | ● | - | ● | - | |
| | | IKE/IKI/KOMBI | ● | ● | ● | ● | - | |

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● : SUPPORT
- : NOT SUPPORT

| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP | |
|---------------------------------|--------------|--------------------------|---------------------------------------|---------------------------------------|----|-----|----|----|---|
| Z SERIES | Z4 (E85) | BODY | LCM (LIGHT CHECK) | ● | - | - | ● | - | |
| | | | CVM (CONVERTIBLETOP) | ● | - | - | ● | - | |
| | | | PDC (PARK DISTANCE CONTROL) | ● | - | - | ● | - | |
| | | | SBSL(SATELLITE,B-PILLAR,LEFT) | ● | ● | - | ● | - | |
| | | | SBSR(SATELLITE,B-PILLAR,RIGHT) | ● | ● | - | ● | - | |
| | | | SM (SEAT MEMORY) | ● | - | - | ● | - | |
| | | | RADIO | ● | - | - | ● | - | |
| | | | ONBOARD-MONITOR | ● | - | - | ● | - | |
| | | | MID (MULTI-INFORMATION DISPLAY) | ● | - | - | ● | - | |
| | | | NAVIGATION | ● | - | - | ● | - | |
| | | | VIDEO MODULE, TV | ● | - | - | ● | - | |
| | | | SES | ● | - | - | ● | - | |
| | | | SHD (SUNROOF) | ● | - | - | ● | - | |
| | | | ZKE(CENTRAL BODY SYSTEM) | ● | ● | ● | ● | - | |
| | AC | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | | |
| | Z4 (E89) | DRIVE | DME (ENGINE) | - | - | - | - | - | |
| | | | EGS (TRANSMISSION) | - | - | - | - | - | |
| | | | EML | - | - | - | - | - | |
| | | | EWS (IMMOBILIZER) | - | - | - | - | - | |
| | | CHASSIS | ABS/ASC/DSC | - | - | - | - | - | |
| | | | LWS (STEERING ANGLE) | - | - | - | - | - | |
| | | | EPS (ELECTRONIC POWER STEERING) | - | - | - | - | - | |
| | | | MFL (MULTI-FUNCTIONAL STEERING WHEEL) | - | - | - | - | - | |
| | | BODY | SIM(SAFETY INFORMATION MODULE) | - | - | - | - | - | |
| | | | SRS(AIR BAG) | - | - | - | - | - | |
| | | | IKE/IKI/KOMBI | - | - | - | - | - | |
| | | | LCM (LIGHT CHECK) | - | - | - | - | - | |
| | | | CVM (CONVERTIBLETOP) | - | - | - | - | - | |
| | | | PDC (PARK DISTANCE CONTROL) | - | - | - | - | - | |
| | | | SBSL(SATELLITE,B-PILLAR,LEFT) | - | - | - | - | - | |
| | | | SBSR(SATELLITE,B-PILLAR,RIGHT) | - | - | - | - | - | |
| | | | SM (SEAT MEMORY) | - | - | - | - | - | |
| | | | RADIO | - | - | - | - | - | |
| | | | ONBOARD-MONITOR | - | - | - | - | - | |
| | | | MID (MULTI-INFORMATION DISPLAY) | - | - | - | - | - | |
| | | | NAVIGATION | - | - | - | - | - | |
| | | | VIDEO MODULE, TV | - | - | - | - | - | |
| | | | SES | - | - | - | - | - | |
| | | | SHD (SUNROOF) | - | - | - | - | - | |
| | | ZKE(CENTRAL BODY SYSTEM) | - | - | - | - | - | | |
| | | IHKA/IHKR (AC/HEATER) | - | - | - | - | - | | |
| | | Z8 | DRIVE | DME (ENGINE) | ● | ● | ● | ● | - |
| | | | | EGS (TRANSMISSION) | ● | ● | ● | ● | - |
| | | | | EML | ● | ● | ● | ● | - |
| | | Z8 | CHASSIS | EWS (IMMOBILIZER) | ● | ● | - | ● | - |
| | | | | ABS/ASC/DSC | ● | ● | ● | ● | - |
| | | | | LWS (STEERING ANGLE) | ● | - | - | ● | - |
| | | | BODY | EPS (ELECTRONIC POWER STEERING) | ● | ● | - | ● | - |
| | | | | MFL (MULTI-FUNCTIONAL STEERING WHEEL) | ● | - | - | ● | - |
| | SRS(AIR BAG) | | | ● | ● | - | ● | - | |
| | Z8 | BODY | IKE/IKI/KOMBI | ● | ● | ● | ● | - | |
| | | | LCM (LIGHT CHECK) | ● | - | - | ● | - | |
| CVM (CONVERTIBLETOP) | | ● | - | - | ● | - | | | |
| PDC (PARK DISTANCE CONTROL) | | ● | - | - | ● | - | | | |
| SBSL(SATELLITE,B-PILLAR,LEFT) | | ● | ● | - | ● | - | | | |
| SBSR(SATELLITE,B-PILLAR,RIGHT) | | ● | ● | - | ● | - | | | |
| SM (SEAT MEMORY) | | ● | - | - | ● | - | | | |
| RADIO | | ● | - | - | ● | - | | | |
| ONBOARD-MONITOR | | ● | - | - | ● | - | | | |
| MID (MULTI-INFORMATION DISPLAY) | | ● | - | - | ● | - | | | |
| Z8 | BODY | NAVIGATION | ● | - | - | ● | - | | |
| | | VIDEO MODULE, TV | ● | - | - | ● | - | | |
| | | SES | ● | - | - | ● | - | | |
| | | SHD (SUNROOF) | ● | - | - | ● | - | | |
| | | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | | |
| | | AC | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | |
| MINI | R50/R52/R | DRIVE | DME (ENGINE) | ● | ● | ● | ● | - | |

**BMW/MINI
VER. 1.46**

● : SUPPORT
- : NOT SUPPORT

| SERIES | MODEL | SYSTEM | SUB SYSTEM | DTC | CD | ACT | ID | SP | |
|-----------------------|-----------------------------------|-------------|---|------------------------|----|-----|----|----|---|
| MINI | R50/R52/R53 | DRIVE | EGS (TRANSMISSION) | ● | ● | ● | ● | - | |
| | | | EWS (IMMOBILIZER) | ● | ● | - | ● | - | |
| | | CHASSIS | ABS/ASC/DSC | ● | ● | ● | ● | - | |
| | | | EHPS (ELECTRO-HYDRAULIC POWER STEERING) | ● | - | ● | ● | - | |
| | | | LWS (STEERING ANGLE) | ● | - | - | ● | - | |
| | | BODY | SRS(AIR BAG) | ● | ● | - | ● | - | |
| | | | IKE/IKI/KOMBI | ● | ● | ● | ● | - | |
| | | | MFL (MULTI-FUNCTIONAL STEERING WHEEL) | ● | - | - | ● | - | |
| | | | SHD (SUNROOF) | ● | - | - | ● | - | |
| | | | RADIO | ● | - | - | ● | - | |
| | | | ONBOARD-MONITOR | ● | - | - | ● | - | |
| | | | NAVIGATION | ● | - | - | ● | - | |
| | | | PDC (PARK DISTANCE CONTROL) | ● | - | - | ● | - | |
| | | | CVM (CONVERTIBLETOP) | ● | - | - | ● | - | |
| | | | ZKE(CENTRAL BODY SYSTEM) | ● | ● | ● | ● | - | |
| | | AC | IHKA/IHKR (AC/HEATER) | ● | ● | - | ● | - | |
| | | R55/R56/R57 | DRIVE | CAS(CAR ACCESS SYSTEM) | ● | ● | ● | ● | - |
| | DME(DIGITAL MOTOR ELECTRONICS) | | | ● | ● | ● | ● | - | |
| | EGS(TRANSMISSION CONTROL) | | | ● | ● | ● | ● | - | |
| | CHASSIS | | ABS/ASC/DSC(DYNAMIC STABILITY) | ● | ● | ● | ● | - | |
| | | | EPS(ELECTRONIC POWER STEERING) | ● | ● | ● | ● | - | |
| | | | IHKA(AUTOMATIC HEAT AND A/C) | ● | ● | ● | ● | - | |
| | BODY | | KOM(INSTRUMENT CLUSTER) | ● | ● | ● | ● | - | |
| | | | CD/M-ASK-BO(USER INTERFACE) | ● | ● | ● | ● | - | |
| | | | CD-GW(CONTROL DISPLAY GATEWAY) | ● | ● | ● | ● | - | |
| | | | JBE(JUNCTION-BOX ELECTRONICS) | ● | ● | ● | ● | - | |
| | | | MRS/AIRBAG(MULTIPLE RESTRAINT) | ● | ● | ● | ● | - | |
| | | | FRM(FOOTWEEL MODULE) | ● | ● | ● | ● | - | |
| | | | FZD(FUNCTION CENTER ROOF) | ● | ● | ● | ● | - | |
| | | | PDC(PARK DISTANCE CONTROL) | ● | ● | ● | ● | - | |
| | | | CID(CENTER INFORMATION DISPLAY) | ● | ● | ● | ● | - | |
| | | | CCC-A(APPLICATIONS) | ● | ● | ● | ● | - | |
| | | | CCC-ANT(ANTENNA TUNER) | ● | ● | ● | ● | - | |
| | | | CCC-ASK(AUDIO SYSTEM CONTROL) | ● | ● | ● | ● | - | |
| | | | CDC(COMPACT DISK CHANGER) | ● | ● | ● | ● | - | |
| | | | VM(VIDEO MODULE) | ● | ● | ● | ● | - | |
| | AMP(RADIO SYSTEM AMPLIFIER) | ● | ● | ● | ● | - | | | |
| | ULF-SBX-H | ● | ● | ● | ● | - | | | |
| | DAB(DIGITAL TUNER) | ● | ● | ● | ● | - | | | |
| | CA(COMFORT ACCESS) | ● | ● | ● | ● | - | | | |
| | SZL(SWITCH CENT.,STEERING COLUMN) | ● | ● | ● | ● | - | | | |
| | SHD(SLIDING/TILTING SUNROOF) | ● | ● | ● | ● | - | | | |
| | CVM(CONVERTIBLE TOP BOMULE) | ● | ● | ● | ● | - | | | |
| | REPLAY RECORD DATA | | | | | | ● | | |
| | SERVICE RESET | | | | | | ● | | |
| | CONNECTOR LOCATIONS | | | | | | ● | | |
| | DTC = TROUBLE CODE | | | | | | | | |
| CD = CURRENT DATA | | | | | | | | | |
| ACT = ACTIVATION | | | | | | | | | |
| ID = IDENTIFICATION | | | | | | | | | |
| SP = SPECIAL FUNCTION | | | | | | | | | |