

# MaxiSys\_BMW\_V4.10 Function List (Note:For reference only)

**NOTES:**

- This function is supported.                      ✖ This function may be supported, which depends on the actual condition of the vehicle.
  - This function is not supported.              ▲ This function is the new feature in this version.
- As for special function please refer to the special function table.

| Series   | Model Series    | Part | Systems                           | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|-----------------|------|-----------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 1 Series | E81/E82/E87/E88 | Body | MRS/AB Airbag/ACSM                | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | AHM Trailer module                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | AMP Amplifier                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CA Comfort access system          | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CAN communication analysis        | ●         | ●        | ●            | ○         | ○         | ○                    | ○           |
| 1 Series | E81/E82/E87/E88 | Body | CCC-A Applications                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CCC-ANT Aerial tuner              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CCC-ASK Audio system controller   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CCC-B0 User interface             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CCC-GW Gateway                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CDC CD Changer                    | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CIC Car Information Computer      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CIC-GW Gateway                    | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CID Central information display   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CON Controller                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | CVM/CVM2 Convertible top module   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | DWA anti-theft alarm system       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | FRM footwell module               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | FRM2 footwell module 2            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | FZD Function centre, roof         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | IHKA Heater/automatic A/C control | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | IHKR Heater and A/C control       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | IHR Integrated heater control     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | INSTR Instrument cluster          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | JBE Junction-box electronics      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | JBE2 Junction Box electronics     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | JNAV Navigation system, Japan     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | M-ASK-B0 User interface           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | M-ASK-GW Gateway                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body | M-ASK-NAV Navigation system       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series    | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|-----------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 1 Series | E81/E82/E87/E88 | Body    | MOST system analysis   | ●         | ●        | ●            | ●         | ○         | ○                    | ○           |
| 1 Series | E81/E82/E87/E88 | Body    | PDC Park distance control  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body    | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body    | RAD2-B0 User interface   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body    | RAD2-GW Gateway  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body    | RLSS Rain/Light Solar Sensor   | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| 1 Series | E81/E82/E87/E88 | Body    | SDARS Satellite tuner  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body    | SINE Siren and tilt sensor   | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| 1 Series | E81/E82/E87/E88 | Body    | SMBF Seat memory, front passenger  |           |          |              |           |           |                      |             |
| 1 Series | E81/E82/E87/E88 | Body    | SMFA Seat module, driver   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body    | TCU Telematic control unit   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body    | ULF Universal charging and hands-free  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body    | ULF-SBX Interface box  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Body    | ULF-SBX-H Interface box High   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Chassis | ABS/ASC/DSC Dynamic Stability Control  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Chassis | AL active front steering (AFS70)   | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 1 Series | E81/E82/E87/E88 | Chassis | AL active steering   | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 1 Series | E81/E82/E87/E88 | Chassis | EPS Electronic Power Steering  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Chassis | RDC Tyre pressure control  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Drive   | CAS Car Access System  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | E81/E82/E87/E88 | Drive   | EKPS fuel-pump control   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E30             | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 3 Series | E30             | Drive   | EML (Engine-Power Control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E30             | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 3 Series | E30             | Body    | KOM (Instrument cluster)   | ●         | ●        | ○            | ●         |           |                      |             |
| 3 Series | E30             | Drive   | EWS (Electronic car Immobilisation system)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E30             | Drive   | GSR (Cruise control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E30             | Body    | AB (airbag)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E30             | Body    | SPM/SM (Seat/mirror memory)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E30             | Body    | IHK (Heater-A/C system)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E30             | Chassis | ABS (Anti-lock braking system) \n ASC (Automatic stability control) \n ABD (Automatic brake differential (All-wheel drive)) \n DSC (Dynamic stability control ('94->)) | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 3 Series | E30             | Chassis | DSC (Dynamic stability control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 3 Series | E30          | Body    | ADS(Throttle-valve control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E30          | Chassis | ABS/ASC tester   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E36[<9803]   | Drive   | DME/DDE(Engine Electronics)  | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 3 Series | E36[<9803]   | Drive   | EML(Engine-Power Control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E36[<9803]   | Drive   | EGS/AGS(Transmission Control)  | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 3 Series | E36[<9803]   | Body    | KOM(Instrument cluster)  | ●         | ●        | ○            | ●         |           |                      |             |
| 3 Series | E36[<9803]   | Drive   | EWS(Electronic car Immobilisation system)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E36[<9803]   | Drive   | GSR(Cruise control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E36[<9803]   | Body    | AB(airbag)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E36[<9803]   | Body    | SPM/SM(Seat/mirror memory)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E36[<9803]   | Body    | IHK(Heater-A/C system)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E36[<9803]   | Chassis | ABS(Anti-lock braking system)\nASC(Automatic stability control)\nABD(Automatic brake differential(All-wheel drive))\nDSC(Dynamic stability control('94->)) | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 3 Series | E36[<9803]   | Chassis | DSC(Dynamic stability control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E36[<9803]   | Body    | ADS(Throttle-valve control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E36[<9803]   | Chassis | ABS/ASC tester   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 3 Series | E36[>9803]   | Body    | MRS/AB Airbag/ACSM   | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| 3 Series | E36[>9803]   | Body    | BCO/MID On-board computer/MID  |           |          | ○            |           |           |                      |             |
| 3 Series | E36[>9803]   | Body    | CVM/CVM2 Convertible top module  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E36[>9803]   | Body    | IHKA Heater/automatic A/C control  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E36[>9803]   | Body    | IR Radio/infrared locking system   |           |          |              |           |           |                      |             |
| 3 Series | E36[>9803]   | Body    | KOM Instrument cluster   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E36[>9803]   | Body    | PDC Park distance control  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E36[>9803]   | Body    | URS Rollover sensor  | ▲         | ▲        | ○            | ▲         | ▲         | ▲                    | ○           |
| 3 Series | E36[>9803]   | Body    | ZKE Central body electronics   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E36[>9803]   | Chassis | ABS/ASC/DSC Dynamic Stability Control  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E36[>9803]   | Drive   | DME/DDE(Engine Electronics)  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E36[>9803]   | Drive   | EGS/AGS(Transmission Control)  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E36[>9803]   | Drive   | EWS Vehicle immobilizer  | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E36[>9803]   | Drive   | GR Cruise control  | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E36[>9803]   | Drive   | TOENS Thermal oil-level sensor   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | MRS/AB Airbag/ACSM   | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| 3 Series | E46          | Body    | AHL Adaptive directional headlights  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Body    | AIC Automatic Interval control   | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 3 Series | E46          | Body    | BIT Basis Interface Telephone  | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |

| Series   | Model Series | Part    | Systems                               | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|---------------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 3 Series | E46          | Body    | BM On-board monitor                   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | CVM/CVM2 Convertible top module       | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Body    | IHKA Heater/automatic A/C control     | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Body    | IHKR Heater and A/C control           | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Body    | JBIT Japan Basis Interface Telephone  | ●         | ○        | ○            | ○         | ●         | ○                    | ○           |
| 3 Series | E46          | Body    | KOM Instrument cluster                | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | LSZ Light switching centre            | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | MIR Multi-Information Radio           | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 3 Series | E46          | Body    | NAJ Navigation computer, Japan        | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | NAR Navigation radio                  | ●         | ●        | ○            | ●         | ○         | ●                    | ○           |
| 3 Series | E46          | Body    | NAV Navigation computer               | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | NAV Navigation computer MKII          | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 3 Series | E46          | Body    | PDC Park distance control             | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Body    | RAD Radio                             | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Body    | RLS Rain/Light Sensor                 | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| 3 Series | E46          | Body    | SES Language-input system             | ●         | ●        | ○            | ●         | ○         | ●                    | ○           |
| 3 Series | E46          | Body    | SHD Sliding/tilting sunroof           | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Body    | SMB Entrance aid, passenger           | ●         | ●        | ○            | ●         | ●         |                      | ○           |
| 3 Series | E46          | Body    | SMF Entrance aid, driver              | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | SMF Seat memory, driver               | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | SPMBT Mirror memory, passenger        | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | SPMFT Mirror memory, driver           | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | SZM Switching centre, centre console  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Body    | TCU Telematic control unit            | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Body    | TEL Telephone interface               | ○         | ○        | ○            | ○         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | ULF Universal charging and hands-free | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Body    | URS Rollover sensor                   | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 3 Series | E46          | Body    | VID Video module                      | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 3 Series | E46          | Body    | VID Video module III                  | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 3 Series | E46          | Body    | ZKE Central body electronics          | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Body    | ZUH Auxiliary heater                  | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46          | Chassis | ABS/ASC/DSC Dynamic Stability Control | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Chassis | DDS Deflation Detection System        | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 3 Series | E46          | Chassis | LWS Steering angle sensor             | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 3 Series | E46          | Chassis | MFL Multi-function steering wheel     | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 3 Series | E46          | Chassis | RDC Tyre pressure control             | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46          | Drive   | DME/DDE (Engine Electronics)          | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |

| Series   | Model Series    | Part  | Systems                           | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|-----------------|-------|-----------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 3 Series | E46             | Drive | EGS/AGS(Transmission Control)     | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 3 Series | E46             | Drive | EKP Fuel pump                     | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46             | Drive | EWS Vehicle immobilizer           | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E46             | Drive | GR Cruise control                 | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 3 Series | E90/E91/E92/E93 | Body  | MRS/AB Airbag/ACSM                | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | AHM Trailer module                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | AMP Amplifier                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CA Comfort access system          | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CAN communication analysis        | ●         | ●        | ●            | ○         | ○         | ○                    | ○           |
| 3 Series | E90/E91/E92/E93 | Body  | CCC-A Applications                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CCC-ANT Aerial tuner              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CCC-ASK Audio system controller   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CCC-B0 User interface             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CCC-GW Gateway                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CDC CD Changer                    | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CIC Car Information Computer      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CIC-GW Gateway                    | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CID Central information display   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CNAV Navigation system, China     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CON Controller                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | CTM Convertible-top module        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | DAB Digital tuner                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | DWA anti-theft alarm system       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | FLA High Beam Assist              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | FRM footwell module               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | FRM2 footwell module 2            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | FZD Function centre, roof         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | IBOC Digital tuner US             | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | IHKA Heater/automatic A/C control | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | IHKR Heater and A/C control       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | IHR Integrated heater control     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | INSTR Instrument cluster          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | JBE Junction-box electronics      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | JBE2 Junction Box electronics     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | JNAV Navigation system, Japan     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | KNAV Navigation system, Korea     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body  | M-ASK-B0 User interface           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series   | Model Series    | Part    | Systems                               | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|-----------------|---------|---------------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 3 Series | E90/E91/E92/E93 | Body    | M-ASK-GW Gateway                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | M-ASK-NAV Navigation system           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | E90/E91/E92/E93 | Body    | MOST system analysis                  | ●         | ●        | ●            | ●         | ○         | ○                    | ○           |
| 3 Series | E90/E91/E92/E93 | Body    | PDC Park distance control             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | RAD Radio                             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | RAD2-B0 User interface                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | RAD2-GW Gateway                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | RLSS Rain/Light Solar Sensor          | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| 3 Series | E90/E91/E92/E93 | Body    | SDARS Satellite tuner                 | ▲         | ○        | ○            | ○         | ○         | ○                    | ○           |
| 3 Series | E90/E91/E92/E93 | Body    | SHD Panorama glass sunroof            |           |          |              |           |           |                      |             |
| 3 Series | E90/E91/E92/E93 | Body    | SINE Siren and tilt sensor            | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| 3 Series | E90/E91/E92/E93 | Body    | SMBF Seat module, passenger           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | SMFA Seat module, driver              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | TCU Telematic control unit            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | ULF Universal charging and hands-free | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | ULF-SBX Interface box                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | ULF-SBX-H Interface box High          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Body    | VM Video Module                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Chassis | ABS/ASC/DSC Dynamic Stability Control | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Chassis | ACC Active Cruise Control             | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 3 Series | E90/E91/E92/E93 | Chassis | AL active front steering (AFS70)      | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 3 Series | E90/E91/E92/E93 | Chassis | AL active steering                    | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 3 Series | E90/E91/E92/E93 | Chassis | EDC Damper Control                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Chassis | EPS Electronic Power Steering         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Chassis | LDM Longitudinal Dynamics Management  | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 3 Series | E90/E91/E92/E93 | Chassis | RDC Tyre pressure control             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Drive   | CAS Car Access System                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Drive   | DME/DDE (Engine Electronics)          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Drive   | DKG Twin-clutch gearbox               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Drive   | EGS/AGS (Transmission Control)        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Drive   | EKPS fuel-pump control                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Drive   | GWS Gear selector switch              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 3 Series | E90/E91/E92/E93 | Drive   | VTG Transfer case                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E28             | Drive   | DME/DDE (Engine Electronics)          | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 5 Series | E28             | Drive   | EML (Engine-Power Control)            | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E28             | Drive   | EGS/AGS (Transmission Control)        | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 5 Series | E28             | Body    | KOM (Instrument cluster)              | ●         | ●        | ○            | ●         |           |                      |             |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 5 Series | E28          | Drive   | EWS (Electronic car Immobilisation system)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E28          | Drive   | GSR (Cruise control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E28          | Body    | AB (airbag)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E28          | Body    | SPM/SM (Seat/mirror memory)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E28          | Body    | IHK (Heater-A/C system)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E28          | Chassis | ABS (Anti-lock braking system) \n ASC (Automatic stability control) \n ABD (Automatic brake differential (All-wheel drive)) \n DSC (Dynamic stability control ('94->)) | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 5 Series | E28          | Chassis | DSC (Dynamic stability control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E28          | Body    | ADS (Throttle-valve control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E28          | Chassis | ABS/ASC tester   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E34          | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 5 Series | E34          | Drive   | EML (Engine-Power Control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E34          | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 5 Series | E34          | Body    | KOM (Instrument cluster)   | ▲         | ▲        | ○            | ▲         | ▲         | ○                    |             |
| 5 Series | E34          | Drive   | EWS (Electronic car Immobilisation system)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E34          | Drive   | GSR (Cruise control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E34          | Body    | AB (airbag)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E34          | Body    | SPM/SM (Seat/mirror memory)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E34          | Body    | IHK (Heater-A/C system)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E34          | Chassis | ABS (Anti-lock braking system) \n ASC (Automatic stability control) \n ABD (Automatic brake differential (All-wheel drive)) \n DSC (Dynamic stability control ('94->)) | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 5 Series | E34          | Chassis | DSC (Dynamic stability control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E34          | Body    | ADS (Throttle-valve control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E34          | Chassis | ABS/ASC tester   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 5 Series | E39          | Body    | MRS/AB Airbag/ACSM   | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| 5 Series | E39          | Body    | AIC Automatic Interval control   | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 5 Series | E39          | Body    | BIT Basis Interface Telephone  | ▲         | ○        | ○            | ○         | ▲         | ○                    | ○           |
| 5 Series | E39          | Body    | BM On-board monitor  | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | DSP Digital Sound Processor  | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 5 Series | E39          | Body    | GM base module   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | GSR Cruise control   | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 5 Series | E39          | Body    | HKM Boot-lid module  | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 5 Series | E39          | Body    | IHKA Heater/automatic A/C control  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |

| Series   | Model Series | Part    | Systems                                      | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 5 Series | E39          | Body    | IHKR Heater and A/C control                  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Body    | IHR Integrated heater control                | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Body    | IKE Instrument-cluster electronics           | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 5 Series | E39          | Body    | IRIS Integrated Radio-Information System     | ●         | ○        | ○            | ○         | ○         | ○                    | ○           |
| 5 Series | E39          | Body    | JBIT Japan Basis Interface Telephone         | ●         | ○        | ○            | ○         | ●         | ○                    | ○           |
| 5 Series | E39          | Body    | KOM Instrument cluster                       | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | LCM Light Check Module                       | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | LCM Light Check Module IV                    | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | LRA Automatic headlight vertical aim control | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | MID Multi Information Display                | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 5 Series | E39          | Body    | NAJ Navigation computer, Japan               | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | NAV Navigation computer                      | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | PDC Park distance control                    | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Body    | RAD Radio                                    | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Body    | RLS Rain/Light Sensor                        | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| 5 Series | E39          | Body    | SES Language-input system                    | ●         | ●        | ○            | ●         | ○         | ●                    | ○           |
| 5 Series | E39          | Body    | SM/LSM Seat/steering-column memory           | ○         | ○        | ○            | ○         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | STH park heating                             | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | SZM Switching centre, centre console         | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Body    | TCU Telematic control unit                   | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Body    | TEL Telephone interface                      | ○         | ○        | ○            | ○         | ●         | ●                    | ○           |
| 5 Series | E39          | Body    | ULF Universal charging and hands-free        | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Body    | VID Video module                             | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 5 Series | E39          | Body    | ZKE Central body electronics                 | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Chassis | ABS/ASC/DSC Dynamic Stability Control        | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Chassis | DDS Deflation Detection System               | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 5 Series | E39          | Chassis | EDC Damper Control                           | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Chassis | EHC Electronic Ride-Height Control           | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Chassis | LEW Steering-angle sensor                    | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 5 Series | E39          | Chassis | MFL Multi-function steering wheel            | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 5 Series | E39          | Chassis | RDC Tyre pressure control                    | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Drive   | DME/DDE (Engine Electronics)                 | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Drive   | EGS/AGS (Transmission Control)               | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 5 Series | E39          | Drive   | EWS Vehicle immobilizer                      | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E39          | Drive   | GR Cruise control                            | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 5 Series | E60/E61      | Body    | MRS/AB Airbag/ACSM                           | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Body    | AHL Adaptive directional headlights          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |



| Series   | Model Series | Part | Systems                                      | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 5 Series | E60/E61      | Body | AHM Trailer module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | ALBBF active backrest width, front passenger | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Body | ALBFA active backrest width, driver          | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Body | AMP Amplifier                                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CA Comfort access system                     | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Body | CAN communication analysis                   | ●         | ●        | ●            | ○         | ○         | ○                    | ○           |
| 5 Series | E60/E61      | Body | CCC-A Applications                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CCC-ANT Aerial tuner                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CCC-ASK Audio system controller              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CCC-B0 User interface                        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CCC-GW Gateway                               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CDC CD Changer                               | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CHAMP-B0 User interface                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CHAMP-GW Gateway                             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CIC Car Information Computer                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CIC-GW Gateway                               | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CID Central information display              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CNAV Navigation system, China                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | CON Controller                               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | DAB Digital tuner                            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | DVDC DVD Changer                             | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 5 Series | E60/E61      | Body | DWA anti-theft alarm system                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | FBI Flexible Bus Interface                   | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Body | FD Rear-compartment display                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | FD2 Rear-compartment display 2               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | FLA High Beam Assist                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | HKL Rear-lid lift                            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | HUD Head-Up Display                          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | IHKA Heater/automatic A/C control            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | INSTR Instrument cluster                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | JNAV Navigation system, Japan                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | KBM Body basic module                        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | KGM Body Gateway Module                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | KHI Headset interface                        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | KNAV Navigation system, Korea                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | LM2 Light module 2                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | LM2 Light module 2 with adaptive headlight   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series   | Model Series | Part | Systems   | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|------|---|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 5 Series | E60/E61      | Body | LM2 AHL2 Light module 2 with adaptive headlight 2 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | M-ASK-BO User interface                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | M-ASK-GW Gateway                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | M-ASK-NAV Navigation system                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | E60/E61      | Body | MOST system analysis                              | ●         | ●        | ●            | ●         | ○         | ○                    | ○           |
| 5 Series | E60/E61      | Body | MPM Micro-power module                            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | NVE Night Vision Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | NVK Night Vision camera                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | PDC Park distance control                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | RLS Rain/Light Sensor                             | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Body | RLSS Rain/Light Solar Sensor                      | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| 5 Series | E60/E61      | Body | RSE Rear Seat Entertainment                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SBSL Satellite, B-pillar, left                    | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Body | SBSR Satellite, B-pillar, right                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SDARS Satellite tuner                             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SFZ Satellite vehicle centre                      | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Body | SGM-SIM Safety and Gateway Module (SIM)           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SGM-ZGM Safety and Gateway Module (ZGM)           | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 5 Series | E60/E61      | Body | SHD Slide/tilt sunroof 2                          |           |          |              |           |           |                      |             |
| 5 Series | E60/E61      | Body | SHD Sliding/tilting sunroof                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SHZH Independent/auxiliary heater                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SINE Siren and tilt sensor                        | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| 5 Series | E60/E61      | Body | SMBF Seat module, passenger                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SMFA Seat module, driver                          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SVS Language processing system                    | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SZL Steering column switch centre 2               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SZL Switch centre, steering column                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | SZM Switching centre, centre console              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | TCU Telematic control unit                        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | TLC Lane Departure Warning                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | E60/E61      | Body | TMBF Door module, front passenger                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | TMFA Door module, driver                          | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Body | ULF Universal charging and hands-free             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | ULF-SBX Interface box                             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | ULF-SBX-H Interface box High                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Body | VM Video Module                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

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|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 5 Series | E60/E61      | Chassis | ABS/ASC/DSC Dynamic Stability Control  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Chassis | ACC Active Cruise Control  | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 5 Series | E60/E61      | Chassis | ACC2 Active Cruise Control 2   | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 5 Series | E60/E61      | Chassis | AL active front steering (AFS70)   | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Chassis | AL active steering   | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Chassis | ARS Dynamic Drive 2  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Chassis | EDC Damper Control   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Chassis | EHC Electronic Ride-Height Control   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Chassis | LDM Longitudinal Dynamics Management   | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 5 Series | E60/E61      | Chassis | LRR Long-range sensor  | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 5 Series | E60/E61      | Chassis | RDC Tyre pressure control  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Drive   | CAS Car Access System  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Drive   | EKPS fuel-pump control   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Drive   | GWS Gear selector switch   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 5 Series | E60/E61      | Drive   | VTC Valvetronic  | ●         | ○        | ○            | ○         | ○         | ○                    | ●           |
| 5 Series | E60/E61      | Drive   | VTC2 Valvetronic 2   | ●         | ○        | ○            | ○         | ○         | ○                    | ●           |
| 5 Series | E60/E61      | Drive   | VTG Transfer case  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E24          | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 6 Series | E24          | Drive   | EML (Engine-Power Control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 6 Series | E24          | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 6 Series | E24          | Body    | KOM (Instrument cluster)   | ●         | ●        | ○            | ●         |           |                      |             |
| 6 Series | E24          | Drive   | EWS (Electronic car Immobilisation system)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 6 Series | E24          | Drive   | GSR (Cruise control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 6 Series | E24          | Body    | AB (airbag)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 6 Series | E24          | Body    | SPM/SM (Seat/mirror memory)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 6 Series | E24          | Body    | IHK (Heater-A/C system)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 6 Series | E24          | Chassis | ABS (Anti-lock braking system) \n ASC (Automatic stability control) \n ABD (Automatic brake differential (All-wheel drive)) \n DSC (Dynamic stability control ('94->)) | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 6 Series | E24          | Chassis | DSC (Dynamic stability control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 6 Series | E24          | Body    | ADS (Throttle-valve control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 6 Series | E24          | Chassis | ABS/ASC tester   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 6 Series | E63/E64      | Body    | MRS/AB Airbag/ACSM   | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 6 Series | E63/E64      | Body    | AHL Adaptive directional headlights  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

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|----------|--------------|------|---|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 6 Series | E63/E64      | Body | AMP Amplifier                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CA Comfort access system                          | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 6 Series | E63/E64      | Body | CAN communication analysis                        | ●         | ●        | ●            | ○         | ○         | ○                    | ○           |
| 6 Series | E63/E64      | Body | CCC-A Applications                                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CCC-ANT Aerial tuner                              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CCC-ASK Audio system controller                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CCC-BO User interface                             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CCC-GW Gateway                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CDC CD Changer                                    | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CHAMP-BO User interface                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CHAMP-GW Gateway                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CIC Car Information Computer                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CIC-GW Gateway                                    | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CID Central information display                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CNAV Navigation system, China                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CON Controller                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | CVM/CVM2 Convertible top module                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | DAB Digital tuner                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | DVDC DVD Changer                                  | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 6 Series | E63/E64      | Body | DWA anti-theft alarm system                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | FLA High Beam Assist                              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | HUD Head-Up Display                               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | IBOC Digital tuner US                             | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 6 Series | E63/E64      | Body | IHKA Heater/automatic A/C control                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | INSTR Instrument cluster                          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | JNAV Navigation system, Japan                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | KBM Body basic module                             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | KGM Body Gateway Module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | KNAV Navigation system, Korea                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | LM2 Light module 2                                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | LM2 AHL light module 2 with adaptive              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | LM2 AHL2 Light module 2 with adaptive headlight 2 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | M-ASK-BO User interface                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | M-ASK-GW Gateway                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body | MOST system analysis                              | ●         | ●        | ●            | ●         | ○         | ○                    | ○           |
| 6 Series | E63/E64      | Body | MPM Micro-power module                            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series   | Model Series | Part    | Systems                                 | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|---|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 6 Series | E63/E64      | Body    | NVE Night Vision Electronics            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | NVK Night Vision camera                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | PDC Park distance control               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | RLS Rain/Light Sensor                   | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 6 Series | E63/E64      | Body    | RLSS Rain/Light Solar Sensor            | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| 6 Series | E63/E64      | Body    | SBSL Satellite, B-pillar, left          | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 6 Series | E63/E64      | Body    | SBSR Satellite, B-pillar, right         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | SDARS Satellite tuner                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | SFZ Satellite vehicle centre            | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 6 Series | E63/E64      | Body    | SGM-SIM Safety and Gateway Module (SIM) | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | SGM-ZGM Safety and Gateway Module (ZGM) | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 6 Series | E63/E64      | Body    | SHD Slide/tilt sunroof 2                |           |          |              |           |           |                      |             |
| 6 Series | E63/E64      | Body    | SHZH Independent/auxiliary heater       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | SMBF Seat memory, front passenger       |           |          |              |           |           |                      |             |
| 6 Series | E63/E64      | Body    | SMF Seat memory, driver                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | E63/E64      | Body    | SVS Language processing system          | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | SZL Steering column switch centre 2     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | SZL Switch centre, steering column      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | SZM Switching centre, centre console    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | TCU Telematic control unit              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | TLC Lane Departure Warning              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | E63/E64      | Body    | TMBF Door module, front passenger       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | TMFA Door module, driver                | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 6 Series | E63/E64      | Body    | ULF Universal charging and hands-free   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | ULF-SBX Interface box                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | ULF-SBX-H Interface box High            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Body    | VM Video Module                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Chassis | ABS/ASC/DSC Dynamic Stability Control   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Chassis | ACC2 Active Cruise Control 2            | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 6 Series | E63/E64      | Chassis | AL active front steering (AFS70)        | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 6 Series | E63/E64      | Chassis | AL active steering                      | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 6 Series | E63/E64      | Chassis | ARS Dynamic Drive                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Chassis | ARS Dynamic Drive 2                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Chassis | EDC Damper Control                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Chassis | LDM Longitudinal Dynamics Management    | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 6 Series | E63/E64      | Chassis | LRR Long-range sensor                   | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 6 Series | E63/E64      | Chassis | RDC Tyre pressure control               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 6 Series | E63/E64      | Drive   | CAS Car Access System  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Drive   | EKPS fuel-pump control   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Drive   | GWS Gear selector switch   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 6 Series | E63/E64      | Drive   | VTC Valvetronic  | ●         | ○        | ○            | ○         | ○         | ○                    | ●           |
| 6 Series | E63/E64      | Drive   | VTC2 Valvetronic 2   | ●         | ○        | ○            | ○         | ○         | ○                    | ●           |
| 7 Series | E23          | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 7 Series | E23          | Drive   | EML (Engine-Power Control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E23          | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 7 Series | E23          | Body    | KOM (Instrument cluster)   | ●         | ●        | ○            | ●         |           |                      |             |
| 7 Series | E23          | Drive   | EWS (Electronic car Immobilisation system)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E23          | Drive   | GSR (Cruise control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E23          | Body    | AB (airbag)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E23          | Body    | SPM/SM (Seat/mirror memory)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E23          | Body    | IHK (Heater-A/C system)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E23          | Chassis | ABS (Anti-lock braking system) \n ASC (Automatic stability control) \n ABD (Automatic brake differential (All-wheel drive)) \n DSC (Dynamic stability control ('94->)) | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 7 Series | E23          | Chassis | DSC (Dynamic stability control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E23          | Body    | ADS (Throttle-valve control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E23          | Chassis | ABS/ASC tester   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E32          | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 7 Series | E32          | Drive   | EML (Engine-Power Control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E32          | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 7 Series | E32          | Body    | KOM (Instrument cluster)   | ●         | ●        | ○            | ●         |           |                      |             |
| 7 Series | E32          | Drive   | EWS (Electronic car Immobilisation system)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E32          | Drive   | GSR (Cruise control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E32          | Body    | AB (airbag)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E32          | Body    | SPM/SM (Seat/mirror memory)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E32          | Body    | IHK (Heater-A/C system)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E32          | Chassis | ABS (Anti-lock braking system) \n ASC (Automatic stability control) \n ABD (Automatic brake differential (All-wheel drive)) \n DSC (Dynamic stability control ('94->)) | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 7 Series | E32          | Chassis | DSC (Dynamic stability control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |

| Series   | Model Series | Part    | Systems                                       | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|---|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 7 Series | E32          | Body    | ADS(Throttle-valve control)                   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E32          | Chassis | ABS/ASC tester                                | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 7 Series | E38          | Body    | MRS/AB Airbag/ACSM                            | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| 7 Series | E38          | Body    | AIC Automatic Interval control                | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 7 Series | E38          | Body    | BIT Basis Interface Telephone                 | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 7 Series | E38          | Body    | BM On-board monitor                           | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 7 Series | E38          | Body    | BMBT On-board monitor, control panel          | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 7 Series | E38          | Body    | CCM Check Control Module                      | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Body    | DSP Digital Sound Processor                   | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 7 Series | E38          | Body    | FBZV Radio-control system                     | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Body    | FGB rear compartment blower                   | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Body    | FHK rear-compartment heating/air conditioning | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Body    | FID Rear-compartment information display      | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Body    | FMBT Rear-compartment monitor, control panel  |           |          | ○            |           |           |                      |             |
| 7 Series | E38          | Body    | FMGT Rear-compartment monitor, graphics       |           |          | ○            |           |           |                      |             |
| 7 Series | E38          | Body    | GR2 Cruise control                            | ▲         | ▲        | ○            | ▲         | ▲         | ○                    | ○           |
| 7 Series | E38          | Body    | HKM Boot-lid module                           | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Body    | IHKA Heater/automatic A/C control             | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Body    | IHKR Heater and A/C control                   | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Body    | IKE Instrument-cluster electronics            | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Body    | IR Infrared compact locking system            |           |          | ○            |           |           |                      |             |
| 7 Series | E38          | Body    | IR Radio/infrared locking system              |           |          | ○            |           |           |                      |             |
| 7 Series | E38          | Body    | JBIT Japan Basis Interface Telephone          | ●         | ○        | ○            | ○         | ●         | ○                    | ○           |
| 7 Series | E38          | Body    | LCM Light Check Module                        | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 7 Series | E38          | Body    | LM Lights Module                              | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Body    | LRA Automatic headlight vertical aim control  | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 7 Series | E38          | Body    | MID Multi Information Display                 | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Body    | NAJ Navigation computer, Japan                | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 7 Series | E38          | Body    | NAV Navigation computer                       | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 7 Series | E38          | Body    | NAV Navigation computer MKIII                 | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 7 Series | E38          | Body    | PDC Park distance control                     | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Body    | RAD Radio                                     | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Body    | RCC Radio-clock module                        | ●         | ○        | ○            | ○         | ●         | ○                    | ○           |
| 7 Series | E38          | Body    | SES Language-input system                     | ●         | ●        | ○            | ●         | ○         | ●                    | ○           |
| 7 Series | E38          | Body    | SHD Sliding/tilting sunroof                   | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Body    | SM/LSM Seat/steering-column memory            | ○         | ○        | ○            | ○         | ●         | ●                    | ○           |
| 7 Series | E38          | Body    | SMB passenger seat memory                     | ●         | ●        | ○            | ●         | ●         |                      | ○           |

| Series   | Model Series | Part    | Systems                                | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 7 Series | E38          | Body    | STH park heating                       | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 7 Series | E38          | Body    | SZM Switching centre,centre console    | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Body    | TEL Telephone interface                | ○         | ○        | ○            | ○         | ●         | ●                    | ○           |
| 7 Series | E38          | Body    | URS Rollover sensor                    | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 7 Series | E38          | Body    | VID Video module                       | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Body    | VID Video module III                   | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Body    | ZKE Central body electronics           | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 7 Series | E38          | Chassis | ABS/ASC/DSC Dynamic Stability Control  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Chassis | EDC Damper Control                     | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Chassis | LEW Steering-angle sensor              | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 7 Series | E38          | Chassis | MFL Multi-function steering wheel      | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 7 Series | E38          | Chassis | RDC Tyre pressure control              | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Chassis | RDW tyre-blowout warning               | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| 7 Series | E38          | Drive   | DME/DDE (Engine Electronics)           | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Drive   | EGS/AGS (Transmission Control)         | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| 7 Series | E38          | Drive   | EML Electronic engine-power control    | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E38          | Drive   | EWS Vehicle immobilizer                | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| 7 Series | E38          | Drive   | TRS Electronic battery isolator switch | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| 7 Series | E65          | Body    | AHL Adaptive directional headlights    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | AHM Trailer module                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | AMP Amplifier                          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | ANT Aerial/antenna tuner               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | ASK Audio system controller            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | BZM Control centre,centre console      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | CA Comfort access system               | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body    | CAN communication analysis             | ●         | ●        | ●            | ○         | ○         | ○                    | ○           |
| 7 Series | E65          | Body    | CD Control Display                     | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 7 Series | E65          | Body    | CDC CD Changer                         | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 7 Series | E65          | Body    | CD-GW Control Display (Gateway)        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | CEM Clean Energy Module                | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| 7 Series | E65          | Body    | CNAV Navigation system, China          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | CON Controller                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | DAB Digital tuner                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | DVDC DVD Changer                       | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 7 Series | E65          | Body    | DWA anti-theft alarm system            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | FBI Flexible Bus Interface             | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |



| Series   | Model Series | Part | Systems   | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|------|---|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 7 Series | E65          | Body | FBZM Rear compartment, control centre, centre console     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | FCON Rear compartment controller                          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | FD Rear-compartment display                               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | FKA Rear heater/air conditioning                          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | FLA High Beam Assist                                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | HKL Rear-lid lift   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | IBOC Digital tuner US                                     | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body | IHKA Heater/automatic A/C control                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | INSTR Instrument cluster                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | JBIT Japan Basis Interface Telephone                      | ●         | ○        | ○            | ○         | ●         | ○                    | ○           |
| 7 Series | E65          | Body | JNAV Navigation system, Japan                             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | KHI Headset interface                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | KNAV Navigation system, Korea                             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | LM Lights Module  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | LM2 Light module 2  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | LM2 Light module 2 with adaptive headlight                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | LM2 AHL2 Light module 2 with adaptive headlight 2         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | MOST system analysis                                      | ●         | ●        | ●            | ●         | ○         | ○                    | ○           |
| 7 Series | E65          | Body | NAJ Navigation computer, Japan                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | E65          | Body | NAV Navigation computer                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | E65          | Body | NVE Night Vision Electronics                              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | NVK Night Vision camera                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | PDC Park distance control                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | PM Power Module   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | RLS Rain/Light Sensor                                     | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body | SASL Satellite, A-pillar, left                            | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body | SASR Satellite, A-pillar, right                           | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body | SBSL Satellite, B-pillar, left                            | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body | SBSR Satellite, B-pillar, right                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | SDARS Satellite tuner                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | SEC2 Supplementary control unit 2                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | SFZ Satellite vehicle centre                              | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body | SG-FD Control unit, rear-compartment display              | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 7 Series | E65          | Body | SG-FD-GW Control unit, rear-compartment display (gateway) | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body | SGM-SIM Safety and Gateway Module (SIM)                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series   | Model Series | Part    | Systems                                  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 7 Series | E65          | Body    | SGM-ZGM Safety and Gateway Module(ZGM)   | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 7 Series | E65          | Body    | SHD Slide/tilt sunroof 2                 |           |          |              |           |           |                      |             |
| 7 Series | E65          | Body    | SHD Sliding/tilting sunroof              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | SHZH Independent/auxiliary heater        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | SIM Safety and Information Module        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | E65          | Body    | SINE Siren and tilt sensor               | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| 7 Series | E65          | Body    | SMBF Seat module,passenger               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | SMBFH Seat module,passenger's side,rear  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | SMFA Seat module,driver                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | SMFAH Seat module,driver's side,rear     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | SSBF Satellite, seat, passenger          | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body    | SSFA Satellite, seat, driver             | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body    | SSH Satellite, seat, rear                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | STVL Satellite, door, front left         | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body    | STVR Satellite, door, front right        | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body    | SVS Language processing system           | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 7 Series | E65          | Body    | SZL Switch centre, steering column       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | TCU Telematic control unit               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | TEL Telephone interface                  | ○         | ○        | ○            | ○         | ●         | ●                    | ○           |
| 7 Series | E65          | Body    | TEL Telephone(USA)                       | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| 7 Series | E65          | Body    | TMBFH Door module,passenger's side, rear | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body    | TMBFT Door module,passenger door         | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body    | TMFAH Door module,driver's side, rear    | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body    | TMFAT Door module,driver's door          | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| 7 Series | E65          | Body    | VM Video Module                          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | WIM Wiper module                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | ZBM Two-battery management               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Body    | ZGM Central Gateway Module               | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 7 Series | E65          | Chassis | ABS/ASC/DSC Dynamic Stability Control    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Chassis | ACC Active Cruise Control                | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 7 Series | E65          | Chassis | ACC2 Active Cruise Control 2             | ●         | ●        | ●            | ●         | ○         | ○                    | ●           |
| 7 Series | E65          | Chassis | ARS Dynamic Drive                        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Chassis | ARS Dynamic Drive 2                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Chassis | CIM Chassis Integration Module           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Chassis | CIM2 Chassis Integration Module 2        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Chassis | EDC Damper Control                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | E65          | Chassis | EHC Electronic Ride-Height Control       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series    | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 7 Series  | E65          | Chassis | EMF Parking brake  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series  | E65          | Chassis | RDC Tyre pressure control  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series  | E65          | Drive   | CAS Car Access System  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series  | E65          | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series  | E65          | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series  | E65          | Drive   | EKPS fuel-pump control   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series  | E65          | Drive   | HPFI control unit  |           |          |              |           |           |                      |             |
| 7 Series  | E65          | Drive   | VTC Valvetronic  | ●         | ○        | ○            | ○         | ○         | ○                    | ●           |
| 7 Series  | E65          | Drive   | VTC2 Valvetronic 2   | ●         | ○        | ○            | ○         | ○         | ○                    | ●           |
| 8 Series  | E31          | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 8 Series  | E31          | Drive   | EML (Engine-Power Control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 8 Series  | E31          | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 8 Series  | E31          | Body    | KOM (Instrument cluster)   | ●         | ●        | ○            | ●         |           |                      |             |
| 8 Series  | E31          | Drive   | EWS (Electronic car Immobilisation system)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 8 Series  | E31          | Drive   | GSR (Cruise control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 8 Series  | E31          | Body    | AB (airbag)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 8 Series  | E31          | Body    | SPM/SM (Seat/mirror memory)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 8 Series  | E31          | Body    | IHK (Heater-A/C system)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 8 Series  | E31          | Chassis | ABS (Anti-lock braking system)\nASC (Automatic stability control)\nABD (Automatic brake differential (All-wheel drive))\nDSC (Dynamic stability control ('94->)) | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| 8 Series  | E31          | Chassis | DSC (Dynamic stability control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 8 Series  | E31          | Body    | ADS (Throttle-valve control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| 8 Series  | E31          | Chassis | ABS/ASC tester   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| X3 Series | E83          | Body    | MRS/AB Airbag/ACSM   | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| X3 Series | E83          | Body    | AHL Adaptive directional headlights  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | CDC CD Changer   | ●         | ●        | ○            | ●         | ○         | ●                    | ●           |
| X3 Series | E83          | Body    | CID Central information display  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | DSP Digital Sound Processor  | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X3 Series | E83          | Body    | GM base module   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X3 Series | E83          | Body    | IHKA Heater/automatic A/C control  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | IHKR Heater and A/C control  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | INSTR Instrument cluster   | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | JBIT Japan Basis Interface Telephone   | ●         | ○        | ○            | ○         | ●         | ○                    | ○           |
| X3 Series | E83          | Body    | LM Lights Module   | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | LSZ Light switch centre II   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |

| Series    | Model Series | Part    | Systems                               | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|---------------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X3 Series | E83          | Body    | MIR Multi-Information Radio           | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X3 Series | E83          | Body    | NAJ Navigation computer, Japan        | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X3 Series | E83          | Body    | NAV Navigation computer               | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X3 Series | E83          | Body    | PDC Park distance control             | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | RAD Radio                             | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | RLS Rain/Light Sensor                 | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| X3 Series | E83          | Body    | SBBF Seat occupancy, passenger        | ●         | ●        | ○            | ●         |           | ○                    | ○           |
| X3 Series | E83          | Body    | SES Language-input system             | ●         | ●        | ○            | ●         | ○         | ●                    | ○           |
| X3 Series | E83          | Body    | SHD Sliding/tilting sunroof           | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | SMF Seat memory, driver               | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X3 Series | E83          | Body    | SZM Switching centre, centre console  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | TCU Telematic control unit            | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | ULF Universal charging and hands-free | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Body    | VID Video module                      | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| X3 Series | E83          | Chassis | ABS/ASC/DSC Dynamic Stability Control | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Chassis | LWS Steering angle sensor             | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X3 Series | E83          | Chassis | MFL Multi-function steering wheel     | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X3 Series | E83          | Chassis | RDC Tyre pressure control             | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Chassis | SVT Servotronic                       | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X3 Series | E83          | Drive   | DME/DDE (Engine Electronics)          | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Drive   | EGS/AGS (Transmission Control)        | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Drive   | EKPS fuel-pump control                | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X3 Series | E83          | Drive   | EWS Vehicle immobilizer               | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X3 Series | E83          | Drive   | VTG Transfer case                     | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Body    | MRS/AB Airbag/ACSM                    | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| X5 Series | E53          | Body    | AHL Adaptive directional headlights   | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Body    | AIC Automatic Interval control        | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X5 Series | E53          | Body    | BIT Basis Interface Telephone         | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X5 Series | E53          | Body    | BM On-board monitor                   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Body    | DSP Digital Sound Processor           | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X5 Series | E53          | Body    | IHKA Heater/automatic A/C control     | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Body    | IHKR Heater and A/C control           | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Body    | IKE Instrument-cluster electronics    | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| X5 Series | E53          | Body    | JBIT Japan Basis Interface Telephone  | ●         | ○        | ○            | ○         | ●         | ○                    | ○           |
| X5 Series | E53          | Body    | KOM Instrument cluster                | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Body    | LCM Light Check Module                | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Body    | LCM Light Check Module IV             | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |

| Series    | Model Series | Part    | Systems                                      | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X5 Series | E53          | Body    | LRA Automatic headlight vertical aim control | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Body    | MID Multi Information Display                | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| X5 Series | E53          | Body    | NAJ Navigation computer, Japan               | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Body    | NAV Navigation computer                      | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Body    | NAV Navigation computer MKII                 | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X5 Series | E53          | Body    | PDC Park distance control                    | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Body    | PDC2 Park Distance Control 2                 | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Body    | RAD Radio                                    | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Body    | RLS Rain/Light Sensor                        | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| X5 Series | E53          | Body    | SBBF Seat occupancy, passenger               | ●         | ●        | ○            | ●         |           | ○                    | ○           |
| X5 Series | E53          | Body    | SES Language-input system                    | ●         | ●        | ○            | ●         | ○         | ●                    | ○           |
| X5 Series | E53          | Body    | SHD Sliding/tilting sunroof                  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Body    | SM/SLM Seat/steering-column memory           | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Body    | STH park heating                             | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Body    | SZM Switching centre, centre console         | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Body    | TCU Telematic control unit                   | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Body    | TEL Telephone interface                      | ○         | ○        | ○            | ○         | ●         | ●                    | ○           |
| X5 Series | E53          | Body    | ULF Universal charging and hands-free        | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Body    | VID Video module                             | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |
| X5 Series | E53          | Body    | ZKE Central body electronics                 | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Chassis | ABS/ASC/DSC Dynamic Stability Control        | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Chassis | EHC Electronic Ride-Height Control           | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Chassis | EHC2 Electronic ride-level control           |           |          |              |           |           |                      |             |
| X5 Series | E53          | Chassis | LEW Steering-angle sensor                    | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X5 Series | E53          | Chassis | MFL Multi-function steering wheel            | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| X5 Series | E53          | Chassis | RDC Tyre pressure control                    | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Drive   | DME/DDE (Engine Electronics)                 | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Drive   | EGS/AGS (Transmission Control)               | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E53          | Drive   | EWS Vehicle immobilizer                      | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| X5 Series | E53          | Drive   | VTG Transfer case                            | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body    | MRS/AB Airbag/ACSM                           | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| X5 Series | E70          | Body    | AHM Trailer module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body    | AMPH Hi-Fi amplifier                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body    | AMPT Top Hi-Fi amplifier                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body    | CA Comfort access system                     | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| X5 Series | E70          | Body    | CAN communication analysis                   | ●         | ●        | ●            | ○         | ○         | ○                    | ○           |
| X5 Series | E70          | Body    | CCC-A Applications                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series    | Model Series | Part | Systems                           | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|------|-----------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X5 Series | E70          | Body | CCC-ANT Aerial tuner              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | CCC-ASK Audio system controller   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | CCC-BO User interface             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | CCC-GW Gateway                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | CDC CD Changer                    | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| X5 Series | E70          | Body | CHAMP-BO User interface           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | CHAMP-GW Gateway                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | CID Central information display   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | CNAV Navigation system, China     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | CON Controller                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | DAB Digital tuner                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | DVDC DVD Changer                  | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| X5 Series | E70          | Body | FD Rear-compartment display       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | FKA Rear heater/air conditioning  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | FLA High Beam Assist              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | FRM2 footwell module 2            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | FZD Function centre, roof         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | HKL Rear-lid lift                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | HUD Head-Up Display               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | IBOC Digital tuner US             | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| X5 Series | E70          | Body | IHKA Heater/automatic A/C control | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | INSTR Instrument cluster          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | JBE2 Junction Box electronics     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | JNAV Navigation system, Japan     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | KHM Headphones module             |           |          |              |           |           |                      |             |
| X5 Series | E70          | Body | KNAV Navigation system, Korea     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | M-ASK-BO User interface           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | M-ASK-GW Gateway                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | MOST system analysis              | ●         | ●        | ●            | ●         | ○         | ○                    | ○           |
| X5 Series | E70          | Body | PDC Park distance control         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | RFK Reversing camera              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | RLSS Rain/Light Solar Sensor      | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| X5 Series | E70          | Body | RSE Rear Seat Entertainment       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | SDARS Satellite tuner             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | SINE Siren and tilt sensor        | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| X5 Series | E70          | Body | SMBF Seat module, passenger       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body | SMFA Seat module, driver          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series    | Model Series | Part    | Systems                               | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|---------------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X5 Series | E70          | Body    | TCU Telematic control unit            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body    | ULF-SBX Interface box                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body    | ULF-SBX-H Interface box High          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body    | VM Video Module                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Body    | VSW video switch                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X5 Series | E70          | Chassis | ABS/ASC/DSC Dynamic Stability Control | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Chassis | AL active front steering(AFS70)       | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| X5 Series | E70          | Chassis | ARS Dynamic Drive                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Chassis | EDCSHL Damper satellite, rear left    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Chassis | EDCSHR Damper satellite, rear right   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Chassis | EDCSVL Damper satellite, front left   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Chassis | EDCSVR Damper satellite, front right  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Chassis | EHC Electronic Ride-Height Control    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Chassis | EMF Parking brake                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Chassis | RDC Tyre pressure control             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Chassis | VDM Vertical Dynamics Management      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Drive   | CAS Car Access System                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Drive   | DME/DDE (Engine Electronics)          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Drive   | EGS/AGS (Transmission Control)        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Drive   | EKPS fuel-pump control                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Drive   | GWS Gear selector switch              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X5 Series | E70          | Drive   | VTC Valvetronic                       | ●         | ○        | ○            | ○         | ○         | ○                    | ●           |
| X5 Series | E70          | Drive   | VTC2 Valvetronic 2                    | ●         | ○        | ○            | ○         | ○         | ○                    | ●           |
| X5 Series | E70          | Drive   | VTG Transfer case                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | MRS/AB Airbag/ACSM                    | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| X6 Series | E71          | Body    | AHM Trailer module                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | AMPH Hi-Fi amplifier                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | AMPT Top Hi-Fi amplifier              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | CA Comfort access system              | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| X6 Series | E71          | Body    | CAN communication analysis            | ●         | ●        | ●            | ○         | ○         | ○                    | ○           |
| X6 Series | E71          | Body    | CCC-A Applications                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | CCC-ANT Aerial tuner                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | CCC-ASK Audio system controller       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | CCC-B0 User interface                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | CCC-GW Gateway                        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | CDC CD Changer                        | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| X6 Series | E71          | Body    | CHAMP-B0 User interface               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series    | Model Series | Part    | Systems                               | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|---------------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X6 Series | E71          | Body    | CHAMP-GW Gateway                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | CID Central information display       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | CNAV Navigation system, China         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | CON Controller                        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | DAB Digital tuner                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | DVDC DVD Changer                      | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| X6 Series | E71          | Body    | FD Rear-compartment display           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | FKA Rear heater/air conditioning      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | FLA High Beam Assist                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | FRM2 footwell module 2                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | FZD Function centre, roof             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | HKL Rear-lid lift                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | HUD Head-Up Display                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | IBOC Digital tuner US                 | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| X6 Series | E71          | Body    | IHKA Heater/automatic A/C control     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | INSTR Instrument cluster              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | JBE2 Junction Box electronics         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | JNAV Navigation system, Japan         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | KHM Headphones module                 |           |          |              |           |           |                      |             |
| X6 Series | E71          | Body    | KNAV Navigation system, Korea         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | M-ASK-BO User interface               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | M-ASK-GW Gateway                      | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | MOST system analysis                  | ●         | ●        | ●            | ●         | ○         | ○                    | ○           |
| X6 Series | E71          | Body    | PDC Park distance control             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | RFK Reversing camera                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | RLSS Rain/Light Solar Sensor          | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| X6 Series | E71          | Body    | RSE Rear Seat Entertainment           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | SDARS Satellite tuner                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | SINE Siren and tilt sensor            | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| X6 Series | E71          | Body    | SMBF Seat module, passenger           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | SMFA Seat module, driver              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | TCU Telematic control unit            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | ULF-SBX Interface box                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | ULF-SBX-H Interface box High          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | VM Video Module                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Body    | VSW video switch                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E71          | Chassis | ABS/ASC/DSC Dynamic Stability Control | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |



| Series    | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X6 Series | E71          | Chassis | AL active steering   | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| X6 Series | E71          | Chassis | ARS Dynamic Drive 2  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Chassis | EDCSHL Damper satellite, rear left   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Chassis | EDCSHR Damper satellite, rear right  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Chassis | EDCSVL Damper satellite, front left  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Chassis | EDCSVR Damper satellite, front right   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Chassis | EHC Electronic Ride-Height Control   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Chassis | EMF Parking brake  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Chassis | ICM Integrated Chassis Management  | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| X6 Series | E71          | Chassis | RDC Tyre pressure control  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Chassis | VDM Vertical Dynamics Management   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Drive   | CAS Car Access System  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Drive   | EKPS fuel-pump control   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Drive   | GWS Gear selector switch   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Drive   | QMVH Lateral-moment distribution, rear axle  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| X6 Series | E71          | Drive   | VTG Transfer case  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Series  | E30          | Drive   | DME/DDE (Engine Electronics)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| Z Series  | E30          | Drive   | EML (Engine-Power Control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| Z Series  | E30          | Drive   | EGS/AGS (Transmission Control)   | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| Z Series  | E30          | Body    | KOM (Instrument cluster)   | ●         | ●        | ○            | ●         |           |                      |             |
| Z Series  | E30          | Drive   | EWS (Electronic car Immobilisation system)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| Z Series  | E30          | Drive   | GSR (Cruise control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| Z Series  | E30          | Body    | AB (airbag)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| Z Series  | E30          | Body    | SPM/SM (Seat/mirror memory)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| Z Series  | E30          | Body    | IHK (Heater-A/C system)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| Z Series  | E30          | Chassis | ABS (Anti-lock braking system) \n ASC (Automatic stability control) \n ABD (Automatic brake differential (All-wheel drive)) \n DSC (Dynamic stability control ('94->)) | ●         | ●        | ○            | ●         | ●         | ●                    |             |
| Z Series  | E30          | Chassis | DSC (Dynamic stability control)  | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| Z Series  | E30          | Body    | ADS (Throttle-valve control)   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| Z Series  | E30          | Chassis | ABS/ASC tester   | ●         | ●        | ○            | ●         | ●         | ○                    |             |
| Z3 Series | E36          | Body    | MRS/AB Airbag/ACSM   | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| Z3 Series | E36          | Body    | IR Radio/infrared locking system   |           |          | ○            |           |           |                      |             |
| Z3 Series | E36          | Body    | KOM Instrument cluster   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |

| Series    | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| Z3 Series | E36          | Body    | ZKE Central body electronics                     | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z3 Series | E36          | Chassis | ABS/ASC/DSC Dynamic Stability Control            | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z3 Series | E36          | Chassis | LEW Steering-angle sensor                        | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z3 Series | E36          | Drive   | DME/DDE (Engine Electronics)                     | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z3 Series | E36          | Drive   | EGS/AGS (Transmission Control)                   | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z3 Series | E36          | Drive   | EWS Vehicle immobilizer                          | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z3 Series | E36          | Drive   | GR Cruise control                                | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z3 Series | E36          | Drive   | TOENS Thermal oil-level sensor                   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z4 Series | E85/E86      | Body    | MRS/AB Airbag/ACSM                               | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| Z4 Series | E85/E86      | Body    | CDC CD Changer                                   | ●         | ●        | ○            | ●         | ○         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | CID Central information display                  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | CVM/CVM2 Convertible top module                  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | DSP Digital Sound Processor                      | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z4 Series | E85/E86      | Body    | GM5 General module 5                             | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z4 Series | E85/E86      | Body    | IHKA Heater/automatic A/C control                | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | IHKS Integrated heating/air-conditioning control | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | INSTR Instrument cluster                         | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | LSZ Light switch centre II                       | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z4 Series | E85/E86      | Body    | MIR Multi-Information Radio                      | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z4 Series | E85/E86      | Body    | NAJ Navigation computer, Japan                   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z4 Series | E85/E86      | Body    | NAV Navigation computer                          | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z4 Series | E85/E86      | Body    | PDC Park distance control                        | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | RAD Radio  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | RLS Rain/Light Sensor                            | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| Z4 Series | E85/E86      | Body    | SBBF Seat occupancy, passenger                   | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z4 Series | E85/E86      | Body    | SBSL Satellite, B-pillar, left                   | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| Z4 Series | E85/E86      | Body    | SBSR Satellite, B-pillar, right                  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | SES Language-input system                        | ●         | ●        | ○            | ●         | ○         | ●                    | ○           |
| Z4 Series | E85/E86      | Body    | SIM Safety and Information Module                | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z4 Series | E85/E86      | Body    | SMF Seat memory, driver                          | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z4 Series | E85/E86      | Body    | STVL Satellite, door, front left                 | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| Z4 Series | E85/E86      | Body    | STVR Satellite, door, front right                | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| Z4 Series | E85/E86      | Body    | SZM Switching centre, centre console             | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | TCU Telematic control unit                       | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | ULF Universal charging and hands-free            | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Body    | VID Video module                                 | ●         | ●        | ○            | ●         | ○         | ○                    | ○           |

| Series    | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| Z4 Series | E85/E86      | Chassis | ABS/ASC/DSC Dynamic Stability Control            | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Chassis | EPS Electronic Power Steering                    | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Chassis | LWS Steering angle sensor                        | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z4 Series | E85/E86      | Chassis | MFL Multi-function steering wheel                | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z4 Series | E85/E86      | Chassis | RDC Tyre pressure control                        | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Drive   | DME/DDE (Engine Electronics)                     | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Drive   | EGS/AGS (Transmission Control)                   | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Drive   | EKPS fuel-pump control                           | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z4 Series | E85/E86      | Drive   | EWS Vehicle immobilizer                          | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z8 Series | E52          | Body    | MRS/AB Airbag/ACSM                               | ●         | ●        | ○            | ●         | ●         | ○                    | ●           |
| Z8 Series | E52          | Body    | BIT Basis Interface Telephone                    | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z8 Series | E52          | Body    | CVM/CVM2 Convertible top module                  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z8 Series | E52          | Body    | DSP Digital Sound Processor                      | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z8 Series | E52          | Body    | GM base module                                   | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z8 Series | E52          | Body    | IHKS Integrated heating/air-conditioning control | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z8 Series | E52          | Body    | KOM Instrument cluster                           | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z8 Series | E52          | Body    | LCM Light Check Module                           | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z8 Series | E52          | Body    | LCM Light Check Module IV                        | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z8 Series | E52          | Body    | LRA Automatic headlight vertical aim control     | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z8 Series | E52          | Body    | MIR Multi-Information Radio                      | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z8 Series | E52          | Body    | NAV Navigation computer MKII                     | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z8 Series | E52          | Body    | NAV Navigation computer MKIII                    | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z8 Series | E52          | Body    | RAD Radio  | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z8 Series | E52          | Body    | TEL Telephone interface                          | ○         | ○        | ○            | ○         | ●         | ●                    | ○           |
| Z8 Series | E52          | Chassis | ABS/ASC/DSC Dynamic Stability Control            | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z8 Series | E52          | Chassis | DDS Deflation Detection System                   | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z8 Series | E52          | Chassis | ELV Electronic steering-column locking           | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z8 Series | E52          | Chassis | LEW Steering-angle sensor                        | ●         | ●        | ○            | ●         | ●         | ○                    | ○           |
| Z8 Series | E52          | Drive   | DME/DDE (Engine Electronics)                     | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z8 Series | E52          | Drive   | EGS/AGS (Transmission Control)                   | ●         | ●        | ○            | ●         | ●         | ●                    | ●           |
| Z8 Series | E52          | Drive   | EWS Vehicle immobilizer                          | ●         | ●        | ○            | ●         | ●         | ●                    | ○           |
| Z Reihe   | Z4_E89       | Drive   | CAS Car Access System                            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe   | Z4_E89       | Drive   | DKG Twin-clutch gearbox                          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe   | Z4_E89       | Drive   | DME/DDE (Engine Electronics)                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe   | Z4_E89       | Drive   | EGS/AGS (Transmission Control)                   | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe   | Z4_E89       | Drive   | EKPS Fuel-pump control                           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series  | Model Series | Part    | Systems                               | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|---------|--------------|---------|---------------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| Z Reihe | Z4_E89       | Drive   | GWS Gear selector switch              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Chassis | ABS/ASC/DSC Dynamic Stability Control | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Chassis | EDC Damper Control                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Chassis | EMF Parking brake                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Chassis | EPS Electronic Power Steering         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Chassis | RDC Tyre pressure control             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | AMP Amplifier                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | CA Comfort access system              | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| Z Reihe | Z4_E89       | Body    | CAN communication analysis            | ●         | ●        | ●            | ○         | ○         | ○                    | ○           |
| Z Reihe | Z4_E89       | Body    | CDC CD Changer                        | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | CIC Car Information Computer          | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | CIC-GW Gateway                        | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | CID Central Information Display       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | CNAV Navigation system, China         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | CON Controller                        | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | CTM Convertible-top module            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | DAB Digital tuner                     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | DVDC DVD Changer                      | ●         | ●        | ●            | ●         | ○         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | DWA anti-theft alarm system           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | FLA High Beam Assist                  | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | FRM2 Footwell module 2                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | FZD Function centre, roof             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | IHKA Heater/automatic A/C control     | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | IHKR Heater and A/C control           | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | IHR Integrated heater control         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | INSTR Instrument cluster              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | JBE2 Junction Box electronics         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | JNAV Navigation system, Japan         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | KNAV Navigation system, Korea         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | M-ASK-B0 User interface               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | M-ASK-B0 User interface               | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | MOST system analysis                  | ●         | ●        | ●            | ●         | ○         | ○                    | ○           |
| Z Reihe | Z4_E89       | Body    | MRS/AB Airbag/ACSM                    | ●         | ●        | ●            | ●         | ●         | ○                    | ●           |
| Z Reihe | Z4_E89       | Body    | PDC Park Distance Control             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | RAD Radio                             | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | RAD2-B0 User interface                | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe | Z4_E89       | Body    | RAD2-GW Gateway                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| Z Reihe  | Z4_E89       | Body    | RLSS Rain/light solar sensor                       | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| Z Reihe  | Z4_E89       | Body    | SDARS Satellite tuner                              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe  | Z4_E89       | Body    | SINE Siren and tilt sensor                         | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| Z Reihe  | Z4_E89       | Body    | SMFA Seat module,driver                            | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe  | Z4_E89       | Body    | TCU Telematic Control Unit                         | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe  | Z4_E89       | Body    | ULF Universal charging and hands-free              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe  | Z4_E89       | Body    | ULF-SBX Interface box                              | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe  | Z4_E89       | Body    | ULF-SBX-H Interface box High                       | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| Z Reihe  | Z4_E89       | Body    | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 1 Series | F20          | Drive   | DDE Diesel Electronics                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Drive   | DME Digital Motor Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Drive   | EGS transmission management                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Drive   | EKPS Fuel-pump control                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Drive   | GWS Gear selector switch                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Chassis | DSC Dynamic Stability Control                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Chassis | EPS Electronic Power Steering                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Chassis | VDM Vertical Dynamics Management                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | ACC Active Cruise Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | ACSM Crash Safety Module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | AHM Trailer module                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | AMPH Hi-Fi amplifier                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | CBX-ECALL Combox emergency call                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | CBX-MEDIA Combox Multimedia                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | CIC Car Information Computer                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | CID Central information display                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | CON Controller                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | DVDC DVD Changer                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | FCON Rear compartment controller                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | FEM Front electronic module                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | FLA High Beam Assist                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | FZD Function centre,roof                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | ICM Integrated Chassis Management                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | PDC Park distance control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

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|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 1 Series | F20          | Body    | PMA Parking assistant                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | REM Rear electronic module                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | SMBF Seat module,passenger                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | SMBFH Seat module,passenger's side,rear            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | SMFA Seat module,driver                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | SMFAH Seat module,driver's side,rear               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | SWW Lane change warning                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | TRSVC allround-view camera                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 1 Series | F20          | Body    | ZGM Central Gateway Control Module                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Drive   | DDE Diesel Electronics                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Drive   | DME Digital Motor Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Drive   | EGS transmission management                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Drive   | EKPS Fuel-pump control                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Drive   | GWS Gear selector switch                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Chassis | DSC Dynamic Stability Control                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Chassis | EPS Electronic Power Steering                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Chassis | VDM Vertical Dynamics Management                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | ACC Active Cruise Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | ACSM Crash Safety Module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | AHM Trailer module                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | AMPH Hi-Fi amplifier                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | CBX-ECALL Combox emergency call                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | CBX-MEDIA Combox Multimedia                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | CID Central information display                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | CON Controller                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | DVDC DVD Changer                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | EMALI Electric-motor reel, left                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | EMARE Electric-motor reel, right                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | EME Electric machine electronics                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | FCON Rear compartment controller                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | FEM Front electronic module                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | FLA High Beam Assist                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | FZD Function centre,roof                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | ICM Integrated Chassis Management                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part    | Systems                                      | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 3 Series | F30          | Body    | INSTR Instrument cluster                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | KAFAS Camera-based driver-assistance systems | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | PDC Park distance control                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | PMA Parking assistant                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | RAD Radio                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | RDC Tyre pressure control                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | REM Rear electronic module                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | SMBF Seat module, passenger                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | SMBFH Seat module, passenger's side, rear    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | SME Accumulator-management electronics       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | SMFA Seat module, driver                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | SMFAH Seat module, driver's side, rear       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | SWW Lane change warning                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | SCR Selective Catalytic Reduction            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | TRSVCA allround-view camera                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | VM Video Module                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F30          | Body    | ZGM Central Gateway Control Module           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Drive   | CAS Car Access System                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Drive   | DDE Diesel Electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Drive   | DME Digital Motor Electronics                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Drive   | EGS transmission management                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Drive   | EKPS Fuel-pump control                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Drive   | GWS Gear selector switch                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Chassis | DSC Dynamic Stability Control                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Chassis | EHC Electronic Ride-Height Control           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Chassis | EMF Parking brake                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Chassis | EPS Electronic Power Steering                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Chassis | VDM Vertical Dynamics Management             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Chassis | EDCSHL Damper satellite, rear left           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Chassis | EDCSHR Damper satellite, rear right          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Chassis | EDCSVL Damper satellite, front left          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Chassis | EDCSVR Damper satellite, front right         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body    | ACC Active Cruise Control                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body    | ACSM Crash Safety Module                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body    | AHM Trailer module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body    | AL active steering                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body    | AMPT Top Hi-Fi amplifier                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 5 Series | F07          | Body | CBX-ECALL Combox emergency call                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | CID Central information display                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | CON Controller                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | DVDC DVD Changer                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | EMALI Electric-motor reel, left                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | EMARE Electric-motor reel, right                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | FD Rear-compartment display                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | FD2 Rear-compartment display 2                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | FKA Rear heater/air conditioning                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | FLA High Beam Assist                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | FRM Footwell module                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | HKL Rear-lid lift                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | HSR Rear-axle slip-angle control                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | HUD Head-Up Display                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | ICM Integrated Chassis Management                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | JBE Junction-box electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | NVE Night Vision Electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | PDC Park Distance Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | RSE Rear Seat Entertainment                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | SMBF Seat module, passenger                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | SMBFH Seat module, passenger's side, rear          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | SMFA Seat module, driver                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | SMFAH Seat module, driver's side, rear             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | SVT Servotronic                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | SWW Lane change warning                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | SZL Switch centre, steering column                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | TRSVC allround-view camera                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | ULF-SBX Interface box                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | ULF-SBX-H Interface box high                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |



| Series   | Model Series | Part    | Systems                              | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--------------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 5 Series | F07          | Body    | VSW video switch                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body    | VTG Transfer case                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body    | ZGM Central Gateway Control Module   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F07          | Body    | SDARS Satellite tuner                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Drive   | CAS Car Access System                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Drive   | DDE Diesel Electronics               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Drive   | DME Digital Motor Electronics        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Drive   | DME Digital Motor Electronics 2      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Drive   | EGS transmission management          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Drive   | EKPS Fuel-pump control               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Drive   | GWS Gear selector switch             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | AL active steering                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | DSC Dynamic Stability Control        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | EDCSHL Damper satellite, rear left   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | EDCSHR Damper satellite, rear right  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | EDCSVL Damper satellite, front left  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | EDCSVR Damper satellite, front right | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | EHC Electronic Ride-Height Control   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | EMF Parking brake                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | EPS Electronic Power Steering        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | ICM Integrated Chassis Management    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Chassis | VDM Vertical Dynamics Management     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | ACC Active Cruise Control            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | ACSM Crash Safety Module             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | AHM Trailer module                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | AMPT Top Hi-Fi amplifier             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | ASD Active Sound Design              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | CBX-ECALL Combox emergency call      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | CBX-MEDIA Combox Multimedia          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | CIC Car Information Computer         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | CID Central Information Display      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | CON Controller                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | DVDC DVD Changer                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | EMALI Electric-motor reel, left      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | EMARE Electric-motor reel, right     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | EME Electric machine electronics     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | FCON Rear compartment controller     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 5 Series | F10/F11      | Body | FD Rear-compartment display                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | FD2 Rear-compartment display 2                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | FKA Rear heater/air conditioning                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | FLA High Beam Assist                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | FRM Footwell module                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | GHAS Regulated differential lock                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | HKL Rear-lid lift                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | HKL Automatic luggage compartment lid actuation    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | HSR Rear-axle slip-angle control                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | HUD Head-Up Display                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | JBE Junction-box electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | NVE Night Vision Electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | PDC Park Distance Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | PMA Parking assistant                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | RSE Rear Seat Entertainment                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SEC Supplementary control unit                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SEC2 Supplementary control unit 2                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SMBF Seat module, passenger                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SMBFH Seat module, passenger's side, rear          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SME Accumulator-management electronics             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SMFA Seat module, driver                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SMFAH Seat module, driver's side, rear             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SVT Servotronic                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SWW Lane change warning                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SZL Switch centre, steering column                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | SCR Selective Catalytic Reduction                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | TR SVC allround-view camera                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | ULF-SBX Interface box                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | ULF-SBX-H Interface box high                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part    | Systems                              | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--------------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 5 Series | F10/F11      | Body    | VSW video switch                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | VTG Transfer case                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | ZGM Central Gateway Control Module   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F10/F11      | Body    | SDARS Satellite tuner                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Drive   | CAS Car Access System                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Drive   | DME Digital Motor Electronics        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Drive   | EGS transmission management          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Drive   | EKPS Fuel-pump control               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Drive   | GWS Gear selector switch             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | AL active steering                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | DSC Dynamic Stability Control        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | EDCSHL Damper satellite, rear left   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | EDCSHR Damper satellite, rear right  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | EDCSVL Damper satellite, front left  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | EDCSVR Damper satellite, front right | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | EHC Electronic Ride-Height Control   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | EMF Parking brake                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | EPS Electronic Power Steering        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | ICM Integrated Chassis Management    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Chassis | VDM Vertical Dynamics Management     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | ACC Active Cruise Control            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | ACSM Crash Safety Module             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | AHM Trailer module                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | AMPT Top Hi-Fi amplifier             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | CBX-ECALL Combox emergency call      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | CBX-MEDIA Combox Multimedia          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | CID Central Information Display      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | CON Controller                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | DVDC DVD Changer                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | EMALI Electric-motor reel, left      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | EMARE Electric-motor reel, right     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | FCON Rear compartment controller     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | FD Rear-compartment display          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | FD2 Rear-compartment display 2       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | FKA Rear heater/air conditioning     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | FLA High Beam Assist                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | FRM Footwell module                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 5 Series | F18          | Body    | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | HKL Rear-lid lift                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | HSR Rear-axle slip-angle control                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | HUD Head-Up Display                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | JBE Junction-box electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | NVE Night Vision Electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | PDC Park Distance Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | PMA Parking assistant                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | RSE Rear Seat Entertainment                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | SMBF Seat module, passenger                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | SMBFH Seat module, passenger's side, rear          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | SMFA Seat module, driver                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | SMFAH Seat module, driver's side, rear             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | SWW Lane change warning                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | SZL Switch centre, steering column                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | TRSVC allround-view camera                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | ULF-SBX Interface box                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | ULF-SBX-H Interface box high                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | VSW video switch                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | VTG Transfer case                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | ZGM Central Gateway Control Module                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 5 Series | F18          | Body    | SDARS Satellite tuner                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Drive   | CAS Car Access System                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Drive   | DDE Diesel Electronics                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Drive   | DME Digital Motor Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Drive   | EGS transmission management                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Drive   | EKPS Fuel-pump control                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Drive   | GWS Gear selector switch                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Chassis | AL active steering                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Chassis | DSC Dynamic Stability Control                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 6 Series | F12/F13      | Chassis | EDCSHL Damper satellite, rear left                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Chassis | EDCSHR Damper satellite, rear right                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Chassis | EDCSVL Damper satellite, front left                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Chassis | EDCSVR Damper satellite, front right               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Chassis | EMF Parking brake                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Chassis | EPS Electronic Power Steering                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Chassis | ICM Integrated Chassis Management                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Chassis | VDM Vertical Dynamics Management                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | ACC Active Cruise Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | ACSM Crash Safety Module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | AHM Trailer module                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | AMPT Top Hi-Fi amplifier                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | ASD Active Sound Design                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | CBX-ECALL Combox emergency call                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | CBX-MEDIA Combox Multimedia                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | CID Central Information Display                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | CON Controller                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | CVM Convertible top module                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | DVDC DVD Changer                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | EMALI Electric-motor reel, left                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | EMARE Electric-motor reel, right                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | FD Rear-compartment display                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | FD2 Rear-compartment display 2                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | FKA Rear heater/air conditioning                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | FLA High Beam Assist                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | FRM Footwell module                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | HSR Rear-axle slip-angle control                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | HUD Head-Up Display                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | JBE Junction-box electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | NVE Night Vision Electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | PDC Park Distance Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | PMA Parking assistant                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 6 Series | F12/F13      | Body    | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | SINE Siren and tilt sensor                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | SMBF Seat module,passenger                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | SMBFH Seat module,passenger's side,rear            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | SMFA Seat module,driver                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | SMFAH Seat module,driver's side,rear               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | SVT Servotronic                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | SWW Lane change warning                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | SZL Switch centre, steering column                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | TRSVC allround-view camera                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | VSW video switch                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | VTG Transfer case                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | ZGM Central Gateway Control Module                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F12/F13      | Body    | SDARS Satellite tuner                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Drive   | CAS Car Access System                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Drive   | DME Digital Motor Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Drive   | DDE Diesel Electronics                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Drive   | DME Digital Motor Electronics 2                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Drive   | EGS transmission management                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Drive   | GWS Gear selector switch                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Drive   | EKPS Fuel-pump control                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Chassis | DSC Dynamic Stability Control                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Chassis | ICM Integrated Chassis Management                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Chassis | VDM Vertical Dynamics Management                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Chassis | EDCSHL Damper satellite, rear left                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Chassis | EDCSHR Damper satellite, rear right                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Chassis | EDCSVL Damper satellite, front left                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Chassis | EDCSVR Damper satellite, front right               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Chassis | EMF Parking brake                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Chassis | EHC Electronic Ride-Height Control                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Chassis | AL active steering                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body    | ACSM Crash Safety Module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part | Systems                                      | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 7 Series | F01/F02/F04  | Body | CIC Car Information Computer                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | FZD Function centre, roof                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | PDC Park Distance Control                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | FRM Footwell module                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | JBE Junction-box electronics                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | ZGM Central Gateway Control Module           | ●         | ●        | ●            | ●         | ●         | ○                    | ○           |
| 7 Series | F01/F02/F04  | Body | SZL Switch centre, steering column           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | CON Controller                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | CID Central Information Display              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | SMFA Seat module, driver                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | SMBF Seat module, passenger                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | AMPH Hi-Fi amplifier                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | HUD Head-Up Display                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | ULF-SBX-H Interface box high                 | ●         | ●        | ●            | ●         | ●         | ●                    | ●           |
| 7 Series | F01/F02/F04  | Body | FLA High Beam Assist                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | RSE Rear Seat Entertainment                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | DVDC DVD Changer                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | VSW video switch                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | HKL Rear-lid lift                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | FD Rear-compartment display                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | FD2 Rear-compartment display 2               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | ACC Active Cruise Control                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | AHM Trailer module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | CBX-ECALL Combox emergency call              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | CBX-MEDIA Combox Multimedia                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | EMALI Electric-motor reel, left              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | EMARE Electric-motor reel, right             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | EME Electric machine electronics             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | FCON Rear compartment controller             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | FKA Rear heater/air conditioning             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | GZAL Targeted illumination, left             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | GZAR Targeted illumination, right            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | HKA Rear-cabin automatic A/C                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | HSR Rear-axle slip-angle control             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | KAFAS Camera-based driver-assistance systems | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | LHML LED main light module, left             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series | F01/F02/F04  | Body | LHMR LED main light module, right            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series    | Model Series | Part    | Systems                                 | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|---|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 7 Series  | F01/F02/F04  | Body    | NVE Night Vision Electronics            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | RAD Radio                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | RDC Tyre pressure control               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | SDARS Satellite tuner                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | SMBFH Seat module,passenger's side,rear | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | SME Accumulator-management electronics  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | SMFAH Seat module,driver's side,rear    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | SVT Servotronic                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | SWW Lane change warning                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | STML Headlight driver module,left       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | STMR Headlight driver module,right      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | TRSVC allround-view camera              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | TBX Touchbox                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | ULF-SBX Interface box                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | VM Video Module                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 7 Series  | F01/F02/F04  | Body    | VTG Transfer case                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Drive   | CAS Car Access System                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Drive   | DDE Diesel Electronics                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Drive   | DME Digital Motor Electronics           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Drive   | EGS transmission management             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Drive   | EKPS Fuel-pump control                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Drive   | GWS Gear selector switch                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Chassis | DSC Dynamic Stability Control           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Chassis | EMF Parking brake                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Chassis | EPS Electronic Power Steering           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Chassis | ICM Integrated Chassis Management       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Chassis | VDM Vertical Dynamics Management        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | ACC Active Cruise Control               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | ACSM Crash Safety Module                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | AHM Trailer module                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | AMPT Top Hi-Fi amplifier                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | CBX-ECALL Combox emergency call         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | CBX-MEDIA Combox Multimedia             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | CID Central Information Display         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | CON Controller                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | DVDC DVD Changer                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | FLA High Beam Assist                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |



| Series    | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X3 Series | F25          | Body    | FRM Footwell module                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | GHAS Regulated differential lock                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | HKL Rear-lid lift                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | HKL Automatic luggage compartment lid actuation    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | HUD Head-Up Display                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | JBE Junction-box electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | PDC Park Distance Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | SMBF Seat module, passenger                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | SMBFH Seat module, passenger's side, rear          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | SMFA Seat module, driver                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | SMFAH Seat module, driver's side, rear             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | SWW Lane change warning                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | SZL Switch centre, steering column                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | TRSVC allround-view camera                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | VTG Transfer case                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X3 Series | F25          | Body    | ZGM Central Gateway Control Module                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Drive   | CAS Car Access System                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Drive   | DME Digital Motor Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Drive   | EKPS Fuel-pump control                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Drive   | EMPI Hybrid oil-pump activation                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Drive   | GWS Gear selector switch                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Drive   | TCM Hybrid-transmission control                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Drive   | VTG Transfer case                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Chassis | DSC Dynamic Stability Control                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Chassis | DSM Hybrid parking lock                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Chassis | EHC Electronic Ride-Height Control                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Chassis | EMF Parking brake                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Chassis | EPS Electronic Power Steering                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Chassis | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series    | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X6 Series | E72          | Chassis | SBA Hybrid brake-actuation changeover              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | ACSM Crash Safety Module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | AHM Trailer module                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | AMPT Top Hi-Fi amplifier                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | APM Hybrid DC/DC converter                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | BCM Battery check module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | CA Comfort access system                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | CBX-ECALL Combox emergency call                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | CDC CD Changer                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | CCC-GW Gateway                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | CID Central Information Display                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | CON Controller                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | DVDC DVD Changer                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | EKK Electric A/C compressor                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | FD Rear-compartment display                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | FKA Rear heater/air conditioning                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | FLA High Beam Assist                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | FRM2 Footwell module 2                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | HCP Hybrid master control unit                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | HIM Hybrid Interface Module                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | HKL Rear-lid lift                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | HUD Head-Up Display                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | JBE2 Junction Box electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | M-ASK-B0 User interface                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | MCPA Hybrid electric-motor control 1               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | MCPB Hybrid electric-motor control 2               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | PDC Park Distance Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | RLSS Rain/light solar sensor                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | RSE Rear Seat Entertainment                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | SINE Siren and tilt sensor                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | SMFA Seat module, driver                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | SMBF Seat module, passenger                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | TFE Hybrid pressure-tank electronics               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series    | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X6 Series | E72          | Body    | TRSVc allround-view camera                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | ULF-SBX Interface box                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | ULF-SBX-H Interface box high                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X6 Series | E72          | Body    | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Drive   | CAS Car Access System                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Drive   | DDE Diesel Electronics                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Drive   | DME Digital Motor Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Drive   | EGS transmission management                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Drive   | EKPS Fuel-pump control                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Chassis | DSC Dynamic Stability Control                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Chassis | EPS Electronic Power Steering                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | ACSM Crash Safety Module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | AHM Trailer module                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | AMPT Top Hi-Fi amplifier                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | CBX-ECALL Combox emergency call                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | CID Central Information Display                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | CON Controller                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | FLA High Beam Assist                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | FRM Footwell module                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | JBE Junction-box electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | PDC Park Distance Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | SMBF Seat module, passenger                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | SMFA Seat module, driver                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | TRSVc allround-view camera                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | VTG Transfer case                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | CA Comfort access system                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | CDC CD Changer                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | CHAMP-BO User interface                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | CCC-GW Gateway                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | DAB Digital tuner                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | DWA anti-theft alarm system                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series    | Model Series | Part    | Systems                             | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|-----------|--------------|---------|-------------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X1 Series | E84          | Body    | RLSS Rain/light solar sensor        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | SHD Sliding/tilting sunroof         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | SINE Siren and tilt sensor          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | ULF-SBX Interface box               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X1 Series | E84          | Body    | ULF-SBX-H Interface box High        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Drive   | CAS Car Access System               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Drive   | DDE Diesel Electronics              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Drive   | DME Digital Motor Electronics       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Drive   | DME Digital Motor Electronics 2     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Drive   | EGS transmission management         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Drive   | EKPS Fuel-pump control              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Drive   | GWS Gear selector switch            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Chassis | AL active steering                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Chassis | DSC Dynamic Stability Control       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Chassis | EHC Electronic Ride-Height Control  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Chassis | EMF Parking brake                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Chassis | EPS Electronic Power Steering       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Chassis | ICM Integrated Chassis Management   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Chassis | VDM Vertical Dynamics Management    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Chassis | VDM2 Vertical dynamics management   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | ACC Active Cruise Control           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | ACSM Crash Safety Module            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | AHM Trailer module                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | AMPH Hi-Fi amplifier                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | ASD Active Sound Design             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | CBX-ECALL Combox emergency call     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | CBX-MEDIA Combox Multimedia         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | CIC Car Information Computer        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | CON Controller                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | CVM Convertible top module          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | DVDC DVD Changer                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | EMALI Electric-motor reel, left     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | EMARE Electric-motor reel, right    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | EME Electric machine electronics    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | EME2 Electrical machine electronics | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | FLA High Beam Assist                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series  | F22          | Body    | FRM Footwell module                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 2 Series | F22          | Body    | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | GHAS Regulated differential lock                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | HKL Automatic luggage compartment lid actuation    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | PDC Park distance control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | PMA Parking assistant                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SEC Supplementary control unit                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SEC2 Supplementary control unit 2                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SINE Siren and tilt sensor                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SMBF Seat module, passenger                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SMBFH Seat module, passenger's side, rear          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SME Accumulator-management electronics             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SMFA Seat module, driver                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SMFAH Seat module, driver's side, rear             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SVT Servotronic                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SWW Lane change warning                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | SZL Switch centre, steering column                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | TRSVC_allround-view camera                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | VTG Transfer case                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 2 Series | F22          | Body    | ZGM Central Gateway Control Module                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Drive   | CAS Car Access System                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Drive   | DDE Diesel Electronics                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Drive   | DME Digital Motor Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Drive   | DME Digital Motor Electronics 2                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Drive   | EGS transmission management                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Drive   | EKPS Fuel-pump control                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Drive   | GWS Gear selector switch                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Chassis | AL active steering                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Chassis | DSC Dynamic Stability Control                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Chassis | EHC Electronic Ride-Height Control                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Chassis | EMF Parking brake                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 3 Series | F34          | Chassis | EPS Electronic Power Steering                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Chassis | ICM Integrated Chassis Management                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Chassis | VDM Vertical Dynamics Management                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Chassis | VDM2 Vertical dynamics management                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | ACC Active Cruise Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | ACSM Crash Safety Module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | AHM Trailer module                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | AMPH Hi-Fi amplifier                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | ASD Active Sound Design                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | CBX-ECALL Combox emergency call                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | CBX-MEDIA Combox Multimedia                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | CIC Car Information Computer                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | CON Controller                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | CVM Convertible top module                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | DVDC DVD Changer                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | EMALI Electric-motor reel, left                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | EMARE Electric-motor reel, right                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | EME Electric machine electronics                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | EME2 Electrical machine electronics                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | FLA High Beam Assist                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | FRM Footwell module                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | GHAS Regulated differential lock                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | HKL Automatic luggage compartment lid actuation    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | PDC Park distance control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | PMA Parking assistant                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | SEC Supplementary control unit                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | SEC2 Supplementary control unit 2                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | SINE Siren and tilt sensor                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | SMBF Seat module, passenger                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | SMBFH Seat module, passenger's side, rear          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part    | Systems                                | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 3 Series | F34          | Body    | SME Accumulator-management electronics | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | SMFA Seat module, driver               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | SMFAH Seat module, driver's side, rear | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | SVT Servotronic                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | SWW Lane change warning                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | SZL Switch centre, steering column     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | TRSVC_allround-view camera             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | VM Video Module                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | VTG Transfer case                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 3 Series | F34          | Body    | ZGM Central Gateway Control Module     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Drive   | CAS Car Access System                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Drive   | DDE Diesel Electronics                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Drive   | DME Digital Motor Electronics          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Drive   | DME Digital Motor Electronics 2        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Drive   | EGS transmission management            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Drive   | EKPS Fuel-pump control                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Drive   | GWS Gear selector switch               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Chassis | AL active steering                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Chassis | DSC Dynamic Stability Control          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Chassis | EHC Electronic Ride-Height Control     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Chassis | EMF Parking brake                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Chassis | EPS Electronic Power Steering          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Chassis | ICM Integrated Chassis Management      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Chassis | VDM Vertical Dynamics Management       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Chassis | VDM2 Vertical dynamics management      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | ACC Active Cruise Control              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | ACSM Crash Safety Module               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | AHM Trailer module                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | AMPH Hi-Fi amplifier                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | ASD Active Sound Design                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | CBX-ECALL Combox emergency call        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | CBX-MEDIA Combox Multimedia            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | CIC Car Information Computer           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | CON Controller                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | CVM Convertible top module             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | DVDC DVD Changer                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body    | EMALI Electric-motor reel, left        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part  | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|-------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 4 Series | F32/F33      | Body  | EMARE Electric-motor reel, right                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | EME Electric machine electronics                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | EME2 Electrical machine electronics                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | FLA High Beam Assist                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | FRM Footwell module                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | GHAS Regulated differential lock                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | HKL Automatic luggage compartment lid actuation    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | PDC Park distance control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | PMA Parking assistant                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SEC Supplementary control unit                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SEC2 Supplementary control unit 2                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SINE Siren and tilt sensor                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SMBF Seat module, passenger                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SMBFH Seat module, passenger's side, rear          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SME Accumulator-management electronics             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SMFA Seat module, driver                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SMFAH Seat module, driver's side, rear             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SVT Servotronic                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SWW Lane change warning                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | SZL Switch centre, steering column                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | TRSVC_allround-view camera                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | VTG Transfer case                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 4 Series | F32/F33      | Body  | ZGM Central Gateway Control Module                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Drive | CAS Car Access System                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Drive | DDE Diesel Electronics                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Drive | DME Digital Motor Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Drive | DME Digital Motor Electronics 2                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Drive | EGS transmission management                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Drive | EKPS Fuel-pump control                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |



| Series   | Model Series | Part    | Systems                              | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--------------------------------------|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 6 Series | F06          | Drive   | GWS Gear selector switch             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | AL active steering                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | DSC Dynamic Stability Control        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | EDCSHL Damper satellite, rear left   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | EDCSHR Damper satellite, rear right  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | EDCSVL Damper satellite, front left  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | EDCSVR Damper satellite, front right | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | EHC Electronic Ride-Height Control   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | EMF Parking brake                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | EPS Electronic Power Steering        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | ICM Integrated Chassis Management    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | VDM Vertical Dynamics Management     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Chassis | VDM2 Vertical dynamics management    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | ACC Active Cruise Control            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | ACSM Crash Safety Module             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | AHM Trailer module                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | AMPH Hi-Fi amplifier                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | AMPT Top Hi-Fi amplifier             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | ASD Active Sound Design              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | CBX-ECALL Combox emergency call      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | CBX-MEDIA Combox Multimedia          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | CIC Car Information Computer         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | CID Central information display      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | CON Controller                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | CVM Convertible top module           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | DVDC DVD Changer                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | EMALI Electric-motor reel, left      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | EMARE Electric-motor reel, right     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | EME Electric machine electronics     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | EME2 Electrical machine electronics  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | FCON Rear compartment controller     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | FD Rear-compartment display          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | FD2 Rear-compartment display 2       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | FKA Rear heater/air conditioning     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | FLA High Beam Assist                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | FRM Footwell module                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | FZD Function centre, roof            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 6 Series | F06          | Body | GHAS Regulated differential lock                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | HKA Rear-cabin automatic A/C                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | HKL Automatic luggage compartment lid actuation    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | HKL Rear-lid lift                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | HSR Rear-axle slip-angle control                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | HUD Head-Up Display                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | JBE Junction-box electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | NVE Night Vision Electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | PDC Park distance control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | PMA Parking assistant                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | RDC Tyre pressure control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | REM Rear electronic module                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | RSE Rear Seat Entertainment                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SDARS Satellite tuner                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SEC Supplementary control unit                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SEC2 Supplementary control unit 2                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SINE Siren and tilt sensor                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SMBF Seat module,passenger                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SMBFH Seat module,passenger's side,rear            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SME Accumulator-management electronics             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SMFA Seat module,driver                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SMFAH Seat module,driver's side,rear               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SVT Servotronic                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SWW Lane change warning                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SZL Switch centre, steering column                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | SDARS Satellite tuner                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | TRSVC_allround-view camera                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | TCU Telematic Control Unit                         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | ULF-SBX Interface box                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | ULF-SBX-H Interface box high                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | VM Video Module                                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body | VSW video switch                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| 6 Series | F06          | Body    | VTG Transfer case                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| 6 Series | F06          | Body    | ZGM Central Gateway Control Module                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Drive   | CAS Car Access System                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Drive   | DDE Diesel Electronics                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Drive   | DME Digital Motor Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Drive   | DME Digital Motor Electronics 2                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Drive   | EGS transmission management                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Drive   | GWS Gear selector switch                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Chassis | DSC Dynamic Stability Control                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Chassis | EMF Parking brake                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Chassis | EPS Electronic Power Steering                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | ACSM Crash Safety Module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | AMPH Hi-Fi amplifier                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | AMPT Top Hi-Fi amplifier                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | ASD Active Sound Design                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | CBX-ECALL Combox emergency call                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | CBX-ECALL Combox emergency call                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | CIC Car Information Computer                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | CON Controller                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | EME Electric machine electronics                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | EME2 Electrical machine electronics                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | PMA Parking assistant                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | RAD Radio  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | SME Accumulator-management electronics             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| I Series | I00/I12      | Body    | ZGM Central Gateway Control Module                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Drive   | CAS Car Access System                              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Drive   | DDE Diesel Electronics                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Drive   | DME Digital Motor Electronics                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Drive   | DME Digital Motor Electronics 2                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Drive   | EGS transmission management                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Drive   | EKPS Fuel-pump control                             | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Drive   | GWS Gear selector switch                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part    | Systems  | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|---------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X Series | X5_F15       | Drive   | QMVH Lateral-moment distribution, rear axle        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Chassis | AL active steering                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Chassis | DSC Dynamic Stability Control                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Chassis | EHC Electronic Ride-Height Control                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Chassis | EMF Parking brake                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Chassis | EPS Electronic Power Steering                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Chassis | ICM Integrated Chassis Management                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Chassis | VDM Vertical Dynamics Management                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Chassis | VDM2 Vertical dynamics management                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | ACC Active Cruise Control                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | ACSM Crash Safety Module                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | AHM Trailer module                                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | AMPH Hi-Fi amplifier                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | ASD Active Sound Design                            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | CBX-ECALL Combox emergency call                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | CBX-MEDIA Combox Multimedia                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | CIC Car Information Computer                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | CID Central information display                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | CON Controller                                     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | DVDC DVD Changer                                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | EMALI Electric-motor reel, left                    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | EMARE Electric-motor reel, right                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | EME Electric machine electronics                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | EME2 Electrical machine electronics                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | FKA Rear heater/air conditioning                   | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | FLA High Beam Assist                               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | FRM Footwell module                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | FZD Function centre, roof                          | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | HKL Automatic luggage compartment lid actuation    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | HKL Rear-lid lift                                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | HUD Head-Up Display                                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | IHKA Integrated automatic heating/air conditioning | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | INSTR Instrument cluster                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | JBE Junction-box electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | KAFAS Camera-based driver-assistance systems       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body    | NVE Night Vision Electronics                       | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

| Series   | Model Series | Part | Systems                                | Ecu Info. | Read DTC | Freeze Frame | Erase DTC | Live Data | Component activation | Physical HW |
|----------|--------------|------|--|-----------|----------|--------------|-----------|-----------|----------------------|-------------|
| X Series | X5_F15       | Body | PDC Park distance control              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | PMA Parking assistant                  | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | PCU Power Control Unit                 | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | RDC Tyre pressure control              | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | RSE Rear Seat Entertainment            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | SEC Supplementary control unit         | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | SEC2 Supplementary control unit 2      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | SMBF Seat module, passenger            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | SME Accumulator-management electronics | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | SMFA Seat module, driver               | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | SVT Servotronic                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | SWW Lane change warning                | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | STML Headlight driver module, left     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | STMR Headlight driver module, right    | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | TR SVC allround-view camera            | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | TBX Touchbox                           | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | VM Video Module                        | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | VTG Transfer case                      | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |
| X Series | X5_F15       | Body | ZGM Central Gateway Control Module     | ●         | ●        | ●            | ●         | ●         | ●                    | ○           |

# Service Function List

| Part    | Components  | Status | Body Type   |
|---------|---|--------|---|
| Chassis | ABS/DSC final check                                 | ●      | 7 E38   |
| Body    | Access, tank and extraction line                    |        |   |
| Body    | Activate Bluetooth and emergency                    |        |   |
| Body    | Activate Bluetooth and emergency call               |        |   |
| Drive   | Activation, DMTL pump                               |        |   |
| Drive   | Activation, pre-supply pump                         | ●      | X5 E53  |
| Drive   | Activation, EDK actuator, full-load stop            | ●      | 3 E36   |
| Drive   | Adapt transmission fully                            |        |   |
| Drive   | Activate refuel detection                           | ●      | X E70   |
| Drive   | Adapt transmission Fully                            | ●      | 3 E46   |
| Drive   | Adaptations, low-pressure exhaust-gas recirculation | ●      | X E70   |
| Drive   | Adjust the idle speed                               | ●      | X E71   |
| Body    | Advanced diagnostics                                | ●      | X E53   |
| Body    | Adaptation, reversing camera, to MASK/CHAMP         |        |   |
| Body    | Add production date                                 |        |   |
| Drive   | Add production date                                 |        |   |
| Body    | Add tuner profiles                                  | ○      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>X5_E70<br>X6_E71  |
| Chassis | Adjust ACC sensor                                   | ○      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>6_E63/E64<br>7_E65  |
| Drive   | Adjust injector                                     | ▲      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93 5_F10/F11<br>5_F18<br>X6_E71 Z4_E89 7_F02  |
| Chassis | Adjust long-range sensor                            | ○      | 6_E63/E64   |
| Chassis | Adjustment steering-angle sensor                    | ●      | Z4 E85/E86 X6 E71 3 F30   |
| Drive   | Adjustment, consumption indicator                   | ●      | 5 E39   |
| Drive   | Adjustment, idle speed                              | ※      | 3_E46<br>5_E39<br>7_E38<br>X5_E53   |
| Chassis | Adjustment  | ●      | 7 E38   |
| Chassis | Adjustment, shock absorber                          | ●      | 7 E65   |
| Chassis | Adjustment, steering-angle sensor                   | ※      | 3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X3_E83<br>X5_E53<br>X5_E70<br>X6_E71<br>Z4_E85/E86  |
| Chassis | Adjustment, DSC unit (4-cyl.)                       | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93  |
| Chassis | Adjustment, steering-angle sensor                   | ●      | 1 E81/E82/E87/E88   |
| Drive   | After working on hydraulic system                   |        | 3 E46   |
| Drive   | Air-mass flow sensor                                | ※      | 1_E81/E82/E87/E88 3_E46<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X3_E83<br>X5_E53<br>X5_E70<br>X6_E71<br>Z4_E85/E86 5_F10 7_F01/F02/F04 |
| Body    | ALBBF initialization                                |        |   |
| Chassis | All sensors   |        | 3 E46   |

| Part    | Components   | Status | Body Type  |
|---------|--|--------|--|
| Body    | Analysis of prompters  | ●      | X5 E53   |
| Chassis | Assembly mode  | ●      | 7 E65  |
| Body    | Assembly position  | ●      | 7 E65  |
| Drive   | Assembly test, electric throttle valve                         | ●      | 1 E81/E82/E87/E88  |
| Drive   | Additive rate adjustment                                       | ●      | 5 E39  |
| Drive   | Automatic engine START-STOP                                    | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93 5_E61/E60<br>7_F01  |
| Body    | A/C compressor inlet protection                                | ●      | 1 F20 3 F35  |
| CHASSIS | Activate compressor  | ●      | 7 F01/F02/F04  |
| Drive   | Activation/deactivation terminal 15                            | ●      | 5_F07 5_F18 7_F01/F02/F04<br>X3 F25 X5 F15   |
| Body    | Adaptation, undervoltage limit                                 | ●      | 5 F18 7 F01/F02/F04  |
| Drive   | Adjust injection system  | ●      | 7 F01/F02/F04  |
| CHASSIS | Adjustment, ICM sensor system                                  | ●      | 3 F30 5 F10 5 F18  |
| CHASSIS | ARS: Study the adjustment value                                | ●      | 7 F01/F02/F04  |
| Body    | Audio  | ●      | 3 F30  |
| Drive   | Activation DMTL pump   | ●      | 3 E46 5 E39  |
| Drive   | Automatic air flap control                                     | ●      | 3 E90/E91/E92/E93  |
| Body    | All-round vision camera  | ●      | X5 F15   |
| CHASSIS | Auxiliary battery (20 volts EPS): Register battery replacement | ●      | 6 F13  |
| Body    | Active SDARS   | ●      | X5 F15   |
| Drive   | Balance test   | ●      | 3 E46 3 E90/E91/E92/E93  |
| Drive   | Battery registration   | ●      | 1 E81/E82/E87/E88  |
| Drive   | Before working on hydraulic system                             |        |  |
| Drive   | Bleed hydraulic system   |        |  |
| Chassis | Bleed routine  | ●      | 1_E81/E82/E87/E88<br>6_E63/E64<br>X5_E53<br>X5_E70<br>X6_E71   |
| Chassis | Bleeding procedure for special cases                           | ●      | 5_E60/E61<br>6_E63/E64   |
| Chassis | Bleeding procedure, left-hand drive                            |        |  |
| Chassis | Bleeding procedure, right-hand drive                           |        |  |
| Chassis | Bleeding, precharging pump circuit                             | ●      | 7 E38  |
| Chassis | Bleeding, DSC hydraulics                                       | ●      | 3_E46<br>3_E90/E91/E92/E93<br>5_E39<br>7_E38<br>7_E65<br>X5_E53<br>Z8_E52                              |
| Drive   | Bleeding, fuel system  | ●      | 1_E81/E82/E87/E88 3_E46<br>3_E90/E91/E92/E93<br>5_E60/E61<br>7_E65 X_E53 X_E70 XE83<br>5_F10/F11 7_F01 |
| Chassis | Bleeding/Ventilation   | ●      | 3 E46  |
| Drive   | Bleed vanos  | ●      | 5 E60/E61  |
| Drive   | Boost pressure controller test                                 | ●      | X5 E53   |
| Body    | Boil-off test  |        |  |
| Drive   | Basic injection rate at start                                  | ●      | X E83  |
| Body    | Bistable relays  | ●      | 3 E90/E91/E92/E93  |
| Chassis | Brake bleeding procedure                                       | ●      | X1 E84 3 F30 5 F10 5 F18   |
| Drive   | Calculate accumulator prepressurizing pressure                 | ●      | 3 E46  |
| Chassis | Calibration of DSC sensor                                      | ※      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>X5_E70<br>X6_E71                   |
| Chassis | Calibration of DSC unit  | ●      | 1 E81/E82/E87/E88  |
| Body    | Calibration, filler recording                                  |        | 7 E65  |
| Body    | Calibration, Lane Departure Warning                            |        |  |
| Body    | Calibration, reversing camera                                  |        |  |

| Part    | Components  | Status | Body Type   |
|---------|---|--------|---|
| Drive   | CAS reset   | ▲      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>X5_E70<br>X6_E71<br>7_F01/F02/F04<br>5_F10/F11 Z4_E89                             |
| Drive   | CAS, DME/DDE alignment                            | ●      | 5_E60/E61 7_E65   |
|         | CBS correction, Tester data                       |        |   |
|         | CBS correction, vehicle data                      | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71<br>7_F01/F02/F04<br>5_F10/F11 |
|         | CBS functionality, engine oil, disturbed          | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65   |
| Body    | Change emergency number                           |        |   |
| Body    | Change telephone data                             |        |   |
| Drive   | Check static setting of injection pump            |        |   |
| Chassis | Check wheel control joints                        |        |   |
| Chassis | Check, air supply system                          | ※      | 7_E65<br>X5_E53<br>X5_E70<br>X6_E71   |
| Body    | Check, blocking diodes                            |        | 7_E65   |
| Chassis | Check, compressor relay                           | ※      | 7_E65<br>X5_E53<br>X5_E70<br>X6_E71   |
| Chassis | Check, lifting and lowering                       | ●      | X5_E70<br>X6_E71  |
| Chassis | Check, raise/lower function                       | ●      | 7_E65   |
| Chassis | Check, ride-level sensors                         | ※      | 5_E39<br>7_E65<br>X5_E53<br>X5_E70<br>X6_E71  |
| Chassis | Check, solenoid valve                             | ●      | X5_E53  |
| Chassis | Check, supply, pressure accumulator               | ●      | X5_E53  |
| Chassis | Check, valve, pressure accumulator                | ●      | X5_E53  |
| Chassis | CIM control unit                                  | ●      | 7_E65   |
| Drive   | Clear adaptation                                  | ●      | 1_E81/E82/E87/E88 3_E36 3_E46<br>3_E90/E91/E92/E93 5_E39<br>5_E60/E61<br>7_E65<br>X_E53                                     |
| Drive   | Clear mixture adaptation                          | ●      | 3_E46<br>3_E90/E91/E92/E93 5_E39  |
| Body    | Closed-circuit current test, CE electrical system |        | 7_E65   |
| Drive   | Clutch adaptation                                 | ●      | 3_E90/E91/E92/E93   |
| Drive   | CO adjustment                                     | ●      | 1_E81/E82/E87/E88 3_E30 3_E36<br>3_E46<br>3_E90/E91/E92/E93<br>5_E39<br>5_E60/E61<br>7_E38<br>7_E65<br>Z_E36                |
| Body    | Coding data                                       | ●      | 7_E65<br>Z4_E85/E86   |
| Drive   | Compression test                                  | ●      | 3_E90/E91/E92/E93 5_E60 X_E53   |
| Drive   | Compression test (maximum valve lift)             |        |   |
| Drive   | Compression test (maximum valve)                  |        |   |



| Part        | Components                                 | Status | Body Type   |
|-------------|--|--------|---|
| Drive       | Compression-pressure check                 |        |   |
| Body        | Compressor/initial startup                 |        |   |
| Chassis     | Connection, brake lines                    | ●      | 3_E36[>9803]<br>3_E46<br>Z3_E36   |
| Chassis     | Connection, speed sensor                   | ※      | 3_E36[>9803]<br>3_E46<br>Z3_E36   |
| Drive       | Consumption calculation                    | ▲      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93 X5_E53<br>5_F10/F11 5_F18 7_F01/F02/F04          |
| Drive       | Consumption indicator                      | ●      | 3_E90/E91/E92/E93   |
| Chassis     | Control-unit replacement                   | ●      | 3_E46<br>5_E39<br>7_E38<br>X5_E53<br>Z8_E52   |
| Body        | Coolant compressor/initial start-up        | ※      | 5_E60/E61<br>6_E63/E64  |
| Body        | Correct picture geometry                   |        |   |
| Body        | Correct picture position                   |        |   |
| Body        | Correct tuner                              |        |   |
| Body        | Correct volume                             |        |   |
| Body        | Create boot file again                     | ○      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E935_E60/E61<br>6_E63/E64<br>X5_E70<br>X6_E71        |
| Drive       | Charge air pressure controller             | ●      | 1_E81/E82/E87/E88 3_E46<br>3_E90/E91/E92/E93 5_E60/E61                                  |
| Drive       | Check of interchanged oxygen sensors       | ●      | 7_E65   |
| Drive       | Check of variable intake manifold          | ●      | 7_E65   |
| Drive       | Check of wastegate valve                   | ●      | 3_E90/E91/E92/E93   |
| Drive       | Check setting of injection pump            | ●      | 5_E39   |
| Drive       | Clear adaptations                          | ▲      | 7_E38 1_F20 3_F30 5_F10/F11<br>5_F18 7_F01/F02/F04 Z4_E89                               |
| Body        | Cluster Test                               | ●      | 7_E65   |
| Body        | CTM: Rear module emergency access          | ●      | E_E89   |
| Body        | Calibration run for flap motors            | ●      | 1_F20 3_F35   |
| Chassis     | Capacitor box: Register change             | ●      | 5_F18   |
| Drive       | Cooling system ventilation                 | ●      | 1_F20 3_F35   |
| Body        | Change personalisation data of remote key  | ●      | X5_F15  |
| MAINTENANCE | Charging the battery via diagnostic socket | ●      | X1_E84  |
| Drive       | Data adjustment, mechatronics              | ●      | 3_E90/E91/E92/E93   |
| Drive       | DDE-CAS                                    | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93 5_E60/E61<br>7_E65<br>X5_E70 5_F10 7_F01/F02/F04 |
| Drive       | DDE-EWSIII                                 | ●      | 3_E46 5_E60/E61   |
| Body        | Deactivate transport-lock function         |        |   |
| Drive       | Defines engage Neutral                     | ●      | 5_E60/E61   |
| Drive       | Delete adaptations/variants                | ●      | 5_E60/E61<br>6_E63/E64<br>7_E65   |
| Chassis     | Delete energy saving mode                  | ●      | 7_E65<br>X5_E70<br>X6_E71   |
| Chassis     | Delete line mode                           | ●      | 5_E39<br>X5_E53   |
| Body        | Delete persistent data                     |        | 7_E65   |

| Part        | Components  | Status | Body Type   |
|-------------|---|--------|---|
| Body        | Delete transport mode   | ▲      | 1_E81/E82/E87/E88<br>3_E46<br>3_E90/E91/E92/E93<br>5_E39<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X3_E83<br>X5_E53<br>X5_E70<br>X6_E71<br>Z4_E85/E86<br>Z8_E52<br>5_F18 E4_E89 |
| Body        | Delivery position   | ●      | 5_E60/E61<br>7_E65  |
| Drive       | Diagnostic function   |        | 3_E90/E91/E92/E93 3_E46<br>Z4_E85/E86   |
| Drive       | Diagnostic module for tank leakage (DMTL)                           |        | 1_E81/E82/E87/E88 5_E60/E61   |
| Body        | Disable/enable  | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71   |
| Body        | Disable/enable key  | ●      | 3_E36[>9803]<br>3_E46<br>5_E39<br>7_E38<br>X3_E83<br>X5_E53<br>Z3_E36<br>Z4_E85/E86<br>Z8_E52   |
| Drive       | Disable/enable key  | ●      | 3_E36[>9803]<br>3_E46<br>5_E39<br>7_E38<br>X3_E83<br>X5_E53<br>Z3_E36<br>Z4_E85/E86<br>Z8_E52   |
| Drive       | Disengage gear  |        | 3_E46   |
| Drive       | Display, OBD readiness codes  |        |   |
| MAINTENANCE | Delete the transport mode   | ●      | X1_E84  |
| Drive       | DME (DDE)-EWS-III adjustment  |        |   |
| Drive       | DME-CAS   | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>7_E65   |
| Drive       | DME-EWS-III   |        |   |
| Body        | Drain/fill refrigerant circuit                                      |        |   |
| Body        | DVD lock  |        |   |
| Chassis     | DSC sensors check   | ●      | 5_E60/E61 6_E63/E64   |
| Drive       | Detection, reset air conditioning and VANOS admission-pressure pump | ●      | 3_E30   |
| Drive       | DMTL (US only)  | ●      | 3_E36   |
| Drive       | Drivers door module   | ●      | 5_E60/E61   |
| Drive       | DDE-EWS adjustment  | ●      | X_E83   |
| Body        | Deactivate transport lock function                                  | ●      | 3_E46   |
| Drive       | Delete adaptation variable camshaft timing control                  | ●      | 3_E90/E91/E92/E93 Z4_E89  |
| Drive       | Diengage gear   | ●      | 3_E46   |
| Drive       | Diesel particulate filter: request regeneration                     | ●      | X_E70   |
| Drive       | Diesel particulate filter: Replacement                              | ●      | X_E70   |
| Drive       | DME: Clear adaptations  | ●      | 1_E81/E82/E87/E88 X_E70   |
| Drive       | DME: Delete adaptation variable camshaft timing control             | ●      | 1_E81/E82/E87/E88 5_F10 X_E70   |
| Drive       | DME: Reset adaptation values and versions                           | ●      | X_E71   |
| Body        | Deleting Personal Profile   | ●      | 3_F35   |

| Part    | Components                                 | Status | Body Type  |
|---------|--|--------|--|
| Drive   | Display and reset adaptation values        | ●      | 3_E90/E91/E92/E93 5_E60/E61<br>5_F10/F11 7_F01/F02/F04 X5_E70  |
| Body    | Driver's seat standardisation              | ●      | 1_F20 3_F35 5_F10/F11 5_F18<br>7_F01/F02/F04 X3_F25  |
| Body    | Driver's side normalisation                | ●      | 5_F10/F11 5_F18 7_F01/F02/F04  |
| Chassis | DSC control unit adjustment                | ●      | 3_F30  |
| Chassis | DSC: Brake bleeding procedure              | ●      | 5_F18 7_F01/F02/F04  |
| Chassis | DSC: Brake line mix-up test                | ●      | X1_E84 5_F18 7_F01/F02/F04   |
| Drive   | Data saving DDE                            | ●      | 7_F01/F02/F04 5_F10/F11  |
| Chassis | DSC sensor adjustment                      | ●      | X1_E84   |
| Body    | Display:Service interval reset with tester | ●      | X3_E83   |
| Body    | Deactivate transportation retainer         | ●      | X3_E83   |
| Body    | Delete the personal profile                | ●      | 3_F34 5_F18  |
| Drive   | EGR valve                                  |        |  |
| Drive   | Electric fuel pump                         | ●      | 5_F10/F11 7_F01/F02/F04  |
| Body    | Enable seat occupancy mat                  |        |  |
| Chassis | End stop                                   | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93   |
| Drive   | Engage any gear                            | ●      | 3_E46<br>5_E60/E61   |
| Drive   | Engine internal pressure                   |        |  |
| Body    | Enter retrofitting                         |        |  |
| Drive   | EOBD readiness codes                       | ●      | 3_E90/E91/E92/E93  |
| Body    | Evaluate battery charge state              | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>X5_E70<br>X6_E71                               |
| Body    | Evaluate closed-circuit current monitoring | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>X5_E70<br>X6_E71 7_F01/F02/F04 5_F10<br>X3_F25 |
| Drive   | EWS Reset function                         | ●      | X5_E70<br>X6_E71   |
| Drive   | EWS/DDE alignment                          | ●      | 3_E46 X_E53  |
| Drive   | EWS/DME adjustment                         | ●      | 3_E36  |
| Drive   | EWS/DME alignment                          | ●      | 3_E36 3_E46 5_E39 7_E38 Z3_E36   |
| Drive   | EWS-DME/DDE adjustment                     | ●      | 3_E30  |
| Chassis | Execute braking-in program                 | ●      | X5_E70<br>X6_E71   |
| Drive   | Exhaust-gas recirculation                  | ●      | 5_E39 5_F10 7_F01/F02/F04<br>5_F10/F11   |
| Drive   | Exhaust-Gas circulation                    | ●      | 1_E81/E82/E87/E88  |
| Drive   | E-BOX fan                                  | ●      | 3_E90/E91/E92/E93  |
| Drive   | ECU programming information                | ●      | 3_E46  |
| Drive   | Electric coolant pump test                 | ●      | 7_E65  |
| Drive   | Engine internal pressure                   | ●      | 3_E46 3_E90/E91/E92/E93 7_E65  |
| Drive   | Evaluate closed circuit current            | ●      | 7_E65  |
| Drive   | Evaluate closed circuit current monitoring | ●      | 1_E81/E82/E87/E88 5_E60/E61  |
| Drive   | EWS-DME/DDE adjustment                     | ●      | 3_E30  |
| Drive   | Exhaust backpressure sensor                | ●      | 1_E81/E82/E87/E88  |
| Drive   | Exhaust backpressure test                  | ●      | 3_E90/E91/E92/E93  |
| Drive   | Exhaust gas recirculation                  | ●      | 3_E46 3_E90/E91/E92/E93 5_E39<br>7_E65 X5_E53  |
| Drive   | Exhaust gas recirculation map              | ●      | 5_E39  |

| Part    | Components  | Status | Body Type  |
|---------|---|--------|--|
| Drive   | Exhaust-GAS controller                              | ●      | 5 E60/E61  |
| Drive   | Exhaust-gas recirculation                           | ●      | 3 E90/E91/E92/E93 5 E60/E61<br>X E83                   |
| Body    | ECU coding information                              | ●      | 3 E46<br>5 E39<br>7 E38<br>X E53 X E83                 |
| DRIVE   | EGR adaptation                                      | ●      | 3 E90/E91/E92/E93 X E70                                |
| Body    | Enable seat occupancy detection system              | ●      | 1 E81/E82/E87/E88                                      |
| DRIVE   | Engage gear   | ●      | 3 E46  |
| DRIVE   | Engine control: Limit quantity adjustment           | ●      | X E83  |
| DRIVE   | Engine control: Mean quantity adaptation            | ●      | X E83 X E70 3 E90/E91/E92/E93                          |
| DRIVE   | Evaluate closed-circuit current monitoring          | ●      | X E70/E71  |
| Chassis | Electric steering lock: Normalisation               | ●      | 7 F01/F02/F04  |
| Chassis | Electric steering lock: Partial normalisation       | ●      | 7 F01/F02/F04  |
| Chassis | EPS start-up  | ●      | 3 F30 5 F10  |
| Chassis | EPS: Initial steering startup                       | ●      | 1 F20  |
| Body    | Evaluate state of battery charge                    | ●      | 1 F20 3 F35 5 F10/F11 5 F18<br>7 F01/F02/F04<br>X3 F25 |
| Chassis | Electrical steering column adjustment normalisation | ●      | X5 F15   |
| Chassis | Fault lamp on sporadically                          | ●      | 5 E39<br>X5 E53  |
| Chassis | Fault, sensors, learn values                        | ※      | 6 E63/E64<br>7 E65<br>X5 E70<br>X6 E71                 |
| Body    | Fill/drain PRS pressure accumulator                 |        |  |
| Chassis | Final ABS checks                                    | ●      | 7 E38  |
| Drive   | Function test, mixed-up oxygen sensors              |        |  |
| Drive   | Fuel injector matching                              | ●      | 1 E81/E82/E87/E88                                      |
| Drive   | Fitted components                                   | ●      | 3 E36  |
| Drive   | Fuel pressure test                                  | ●      | X5 E53   |
| Drive   | Fuel tank leakage                                   | ●      | 7 E65  |
| Drive   | Fuel temp sensor                                    | ●      | 3 E46  |
| Drive   | Full load limiting delivery                         | ●      | 5 E39  |
| Drive   | Fuel consumption display                            | ●      | X6 E71 Z4 E89  |
| Drive   | Fuel consumption display adjustment                 | ●      | 1 E81/E82/E87/E88 X E70 1 F20                          |
| Drive   | Fuel quality recognition                            | ●      | X6 E71   |
| Drive   | FEM KL 15 activation/deactivation                   | ●      | 1 F20 3 F35  |
| Chassis | Filling and discharge air from air below            | ●      | 7 F01/F02/F04  |
| Body    | Front passenger side normalisation                  | ●      | 1 F20 3 F35 5 F10/F11<br>7 F01/F02/F04                 |
| Body    | Front passenger seat, seat standardisation          | ●      | 7 F01/F02/F04  |
| Drive   | Fuel injector adaptation                            | ●      | 7 F01/F02/F04  |
| Drive   | Fuel grade display                                  | ●      | 5 F10/F11 7 F01/F02/F04                                |
| Drive   | Function test mixed-up oxygen sensor                | ●      | 3 E46 5 E39  |
| Drive   | Fuel quality display                                | ●      | X5 F15   |
| Drive   | Glow plug heater test                               | ●      | X5 E53   |
| DRIVE   | Glow elements                                       | ●      | 7 F01/F02/F04 5 F10/F11                                |
| Body    | Handset log-on/off                                  |        |  |
| Body    | Heating test run                                    | ●      | 5 E60/E61<br>6 E63/E64<br>7 E65                        |
| Chassis | Hydraulic mix up check                              | ●      | 7 E38  |
| Chassis | HSR function check(deflection test)                 | ●      | 6 F13  |

| Part    | Components                         | Status | Body Type   |
|---------|------------------------------------|--------|---|
| Drive   | Idle speed                         | ▲      | 1_E81/E82/E87/E88 3_E36<br>3_E46<br>3_E90/E91/E92/E93<br>5_E39<br>5_E60/E61<br>6_E63/E64<br>7_E38<br>7_E65<br>X3_E83<br>X5_E53<br>X5_E70<br>X6_E71<br>Z4_E85/E86 Z4_E89 1_F20 3_F35<br>5_F10/F11 5_F18 7_F01/02/04<br>X_F25 |
| Drive   | Idling quality                     | ●      | 5_E60 X3 E83 X6 E71   |
| Body    | Initial operation, A/C compressor  | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>X5_E70<br>X6_E71  |
| Chassis | Initial setting, switch-on state   | ●      | 7_E65   |
| Body    | Initialisation                     | ●      | 5_E60/E61<br>6_E63/E64<br>7_E65 5_F18 X5_F15  |
| Body    | Initialize power window            | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71 1_F20 3_F35 5_F10/F11<br>5_F18 7_F01/F02/F04 X3_F25<br>X5_F15   |
| Body    | Initialize power-window drive      | ●      | 5_E60/E61   |
| Body    | Initialize rain sensor             | ●      | 3_E46<br>5_E39<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X3_E83<br>X5_E53<br>Z4_E85/E86 X5_F15  |
| Body    | Initialize rain/light sensor       | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93  |
| Body    | Initialize rain/light solar sensor | ●      | X5_E70<br>X6_E71  |
| Body    | Initialize slide/tilt sunroof      | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71 1_F20 3_F30 3_F35<br>5_F10/F11 5_F18 7_F01/F02/F04<br>X3_F25 X5_F15   |
| Body    | Initialized telematics services    |        |   |
| Drive   | Injection deactivation             | ●      | 5_E60/E61   |
| Drive   | Injection rate                     | ※      | 1_E81/E82/E87/E88<br>5_E39<br>5_E60/E61<br>7_E38<br>7_E65<br>X_E83<br>X5_E53<br>X5_E70  |
| Drive   | Injector classification            |        |   |
| Drive   | Injector program map               |        |   |

| Part    | Components   | Status | Body Type  |
|---------|--|--------|--|
| Drive   | Injector rate adjustment   | ●      | 3_E46<br>3_E90/E91/E92/E93<br>X5_E53 5_F10/F11 7_F01/F02/F04   |
| Chassis | Inquiry, line mode   | ●      | 5_E39<br>X5_E53  |
| Chassis | Inquiry, transport mode  | ●      | 5_E39<br>X5_E53  |
| Drive   | Injection program map  | ●      | X5_E53   |
| Drive   | Injection rate   | ●      | 3_E90/E91/E92/E93<br>X5_E53  |
| Body    | Initial operation, A/C compressor                                  | ●      | 3_E90/E91/E92/E93  |
| Body    | Initialise lights  | ●      | X5_E53   |
| Drive   | Injection quantity compensation                                    | ●      | 1_E81/E82/E87/E88<br>X5_E70<br>X6_E71<br>X_E83   |
| Drive   | Injector equalisation  | ●      | X6_E71   |
| Body    | Initialisation of rain-light-solar-condensation sensor             | ●      | 7_F01/F02/F04  |
| Body    | Initialise new headlight driver module and teach-in turn indicator | ●      | 3_F34 7_F01/F02/F04 X5_F15   |
| Body    | Initialization   | ●      | 7_F01/F02/F04  |
| Body    | Initialize audio operation at rear                                 | ●      | 5_F10/F11 5_F18 7_F01/F02/F04  |
| Body    | Initialize FlexRay   | ●      | 1_F20 3_F35 5_F10/F11 5_F18<br>7_F01/F02/F04 X3_F25  |
| Body    | Initialization, automatic tailgate actuation                       | ●      | X5_F15   |
| Body    | Initialising boot lid lift   | ●      | 7_F01/F02/F04 3_F34  |
| Body    | Individual test for aerials in vehicle                             | ●      | X5_F15   |
| Body    | Key status   |        |  |
| DRIVE   | Key  | ●      | Z_E36  |
| Chassis | Lateral acceleration sensor  | ※      | 3_E46<br>5_E39<br>6_E63/E64<br>7_E38<br>7_E65<br>X5_E53<br>X5_E70<br>X6_E71<br>Z3_E36<br>Z4_E85/E86<br>Z8_E52                    |
| Body    | Leak test, valves  |        |  |
| Drive   | Learning Valvetronic limit positions                               | ※      | 3_E46<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X3_E83<br>X5_E70<br>Z4_E85/E86 5_F10/F11 5_F18<br>7_F01/F02/F04 |
| Drive   | Learning/writing, zero-gear sensor                                 | ●      | 3_E90/E91/E92/E93  |
| Drive   | Limitation delivery  |        |  |
| Body    | Log handset in and off   |        |  |
| Body    | Log keypad handset on/off  |        |  |
| Body    | Log mobile phone on  |        |  |
| Body    | Log off CKPH   |        |  |
| Body    | Log on CKPH  |        |  |
| Body    | Log on snap-in adapter   |        |  |
| Body    | Log remote control key on/off                                      |        |  |
| Body    | Log-on/off CKPH  |        |  |
| Chassis | Longitudinal acceleration sensor adjustment                        | ●      | 1_E81/E82/E87/E88 5_E61/E60  |
| Drive   | Leakage diagnosis test   | ●      | 3_E36  |
| Drive   | Learn valvetronic limit positions                                  | ●      | 3_E46 3_E90/E91/E92/E93 7_E65  |
| Drive   | Limitation delivery  | ●      | 5_E39 5_E60/E61 7_E65 X5_E53   |
| Body    | Lock airbag  | ●      | 1_F20 3_F30 3_F35 5_F10/F11<br>7_F01/F02/F04   |
| Body    | Lock and enable master key   | ●      | 1_F20 3_F30 3_F35 5_F10/F11<br>7_F01/F02/F04 X3_F35  |
| Body    | Lock and enable remote control key                                 | ●      | X5_F15   |

| Part    | Components  | Status | Body Type  |
|---------|---|--------|--|
| Drive   | Mechanical components/function                              | ●      | 7 E65  |
| Drive   | Mechatronics adjustment                                     | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X3_E83<br>X5_E53<br>X5_E70<br>X6_E71  |
| Drive   | MFL and air conditioning                                    | ●      | 3 E46 5 E39 5 E60/E61 X E53  |
| Drive   | Minimum-stroke adjustment                                   |        |  |
| Chassis | Mix-up check, brake lines                                   | ●      | 1_E81/E82/E87/E88<br>3_E46<br>3_E90/E91/E92/E93<br>5_E39<br>5_E60/E61<br>6_E63/E64<br>7_E38<br>7_E65<br>X3_E83<br>X5_E53<br>X5_E70<br>X6_E71<br>Z4_E85/E86<br>Z8_E52 1_F20 3_F30 3_F35 5_F18<br>5_F10/F11 7_F01/F02/F04 X3_F25 |
| Body    | MOST ring, save configuration                               |        |  |
| Drive   | Minimum stroke adjustment                                   | ●      | 3 E90/E91/E92/E93 7 E65  |
| Drive   | Mixture adaptation  | ●      | 3 E36  |
| Drive   | Mixture preparation   | ●      | 7 E38  |
| Body    | MOST: Storing the desired configuration                     | ●      | 1 F20 3 F35  |
| Body    | MOST ring: Store configuration                              | ●      | 3 E90/E91/E92/E93  |
| Chassis | Normalization   |        |  |
| Body    | Normalization, longitudinal adjustment, driver' s side      |        |  |
| Body    | Normalization, longitudinal seat adjustment, driver' s side |        |  |
| Body    | Newly address the air distribution flap motors              | ●      | 1 F20 3 F35 7 F01/F02/F04  |
| Drive   | Notice symptoms:Engine hum E83                              | ●      | X3 E83   |
| Body    | Normalisation of the forward/back seat adjustment, drive    | ●      | X5 E70   |
| Drive   | OBD readiness codes   |        |  |
| Drive   | Offset, sensor, longitudinal acceleration                   | ●      | 3 E46 5 E39  |
| Drive   | Oil adjustment  | ●      | 3 E90/E91/E92/E93  |
| Drive   | Oil change  | ●      | X3 E83   |
| Drive   | Oil change, QMVH  | ●      | X6 E71   |
| Drive   | Oil level check   | ●      | 3 E46  |
| Drive   | Oil-level adjustment  | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X3_E83<br>X5_E70<br>X6_E71  |
| Body    | Operating parameter of evaporator temperature               | ●      | 5_E60/E61<br>6 E63/E64   |
| Body    | Optimization, seat-heating parameter (E83)                  |        |  |
| Drive   | Operation on roller dynamometer                             | ●      | 3 E30 3 E36  |
| Drive   | Oxygen sensor mixed up check                                | ●      | 5 E60/E61  |
| Drive   | Oxygen sensors, Banks 1 and 2                               | ●      | 3 E90/E91/E92/E93  |
| Body    | Outside temperature influence                               | ●      | 7 E38  |
| Drive   | Oil balancing   | ●      | 1 F20 3 F35 7 F01/F02/F04  |
| Drive   | Operational smoothness measurement                          | ●      | 3 E90/E91/E92/E93  |
| Drive   | Parking lock,function test                                  | ●      | 3 E90/E91/E92/E93  |
| Drive   | Parking lock,hook test                                      | ●      | 3 E90/E91/E92/E93  |

| Part    | Components   | Status | Body Type   |
|---------|--|--------|---|
| Body    | Personalisation number                                   | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71   |
| Drive   | Plausible start times                                    |        |   |
| Chassis | Positioning-travel check                                 | ●      | 7_E65   |
| Body    | Power down command                                       | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71 1_F20 3_F35 5_F10/F11<br>5_F18 7_F01/F02/F04 X3_F25<br>X5_F15 |
| Chassis | Preparation, wheel/axle alignment                        | ○      | X5_E70<br>X6_E71  |
| Chassis | Pressure sensor, front axle                              | ●      | 6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71  |
| Chassis | Pressure sensors   | ●      | 3_E46<br>Z3_E36<br>Z4_E85/E86   |
| Drive   | Program all adjustments                                  | ●      | 5_E39<br>7_E38  |
| Body    | Program seat-occupancy mat                               |        |   |
| Chassis | Protective deactivation                                  | ●      | 5_E39<br>X5_E53   |
| Drive   | Pump program map   | ●      | 5_E39   |
| Chassis | Parking brake: Initial operation                         | ●      | 7_F01/F02/F04   |
| Chassis | Parking brake: Workshop mode                             | ●      | 7_F01/F02/F04   |
| Drive   | PRE-supply pump test                                     | ●      | 5_E39   |
| Drive   | Power management: Evaluating the battery state of charge | ●      | X_E70/E71   |
| Chassis | Parking brake: Bedding-in procedure                      | ●      | 7_F01/F02/F04   |
| Body    | Perform flap-motor calibration run                       | ●      | 1_F20 3_F35 5_F10/F11 5_F18<br>7_F01/F02/F04 X5_F15   |
| Drive   | Preheating control unit                                  | ●      | 3_E90/E91/E92/E93   |
| Body    | Presentation mode  | ●      | 3_F34 5_F18 X5_F15  |
| Drive   | Read DDE measured values                                 | ●      | X3_E83  |
| Drive   | Quantity mean-value adaptation                           | ●      | 3_E46 3_E90/E91/E92/E93<br>5_E60/E61 5_F10/F11<br>7_F01/F02/F04   |
| Drive   | Rail-pressure regulating valve                           | ●      | 3_E90/E91/E92/E93 5_F10/F11<br>7_F01/F02/F04  |
| Chassis | Rate of rotation sensor                                  | ●      | 3_E46<br>5_E39<br>7_E38<br>X5_E53<br>Z8_E52   |
| Body    | Reactivation, BMW Assist                                 |        |   |
| Drive   | Read AV accumulator                                      |        |   |
| Body    | Read coding data   | ●      | 1_E81/E82/E87/E88<br>3_E46<br>3_E90/E91/E92/E93<br>5_E39<br>5_E60/E61<br>6_E63/E64<br>7_E38<br>X3_E83<br>X5_E53<br>X5_E70<br>X6_E71<br>Z4_E85/E86<br>Z8_E52 |



| Part    | Components  | Status | Body Type  |
|---------|---|--------|--|
| Chassis | Read in vehicle identification no. (ABS/ASC)        | ●      | 3_E46<br>Z3_E36  |
| Drive   | Read measured values                                | ●      | 1_E81/E82/E87/E88 3_E46<br>3_E90/E91/E92/E93 5_E60/E61<br>7_E65  |
| Body    | Read operating data                                 | ●      | 7_E38  |
| Body    | Read out data                                       | ○      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71                                    |
| Body    | Read out operating data                             | ●      | 3_E46<br>5_E39<br>X3_E83<br>X5_E53<br>Z4_E85/E86<br>Z8_E52   |
| Body    | Read out/write: kilometre readings, operating modes |        |  |
| Drive   | Read/delete adaptations                             | ●      | 5_E60/E61  |
| Body    | Re-address flap motors                              | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>X5_E70<br>X6_E71 3_F30 5_F18 X3_F25  |
| Drive   | Recalibration, transmission                         |        |  |
| Body    | Recode seat-occupancy mat                           |        |  |
| Drive   | Record engine operating data                        | ●      | 3_E90/E91/E92/E93  |
| Drive   | Reduce hydraulic pressure                           |        |  |
| Body    | Re-establish delivery status                        |        |  |
| Drive   | Regeneration, particulate filter                    | ●      | 3_E90/E91/E92/E93 5_F10/F11<br>7_F01/F02/F04   |
| Drive   | Regeneration, nitrogen-oxide catalytic converter    | ●      | 3_E90/E91/E92/E93  |
| Drive   | Refrigerant compressor                              | ●      | 5_E60/E61 7_E65  |
| Body    | Register battery change                             | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>X5_E70<br>X6_E71   |
| Body    | Register battery replacement                        | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93 7_E65<br>5_E60/E61<br>X5_E70<br>X6_E71 1_F20 3_F30 3_F35<br>5_F10/F11 5_F18 7_F01/F02/F04 |
| Body    | Relieve tension on feed line                        |        |  |
| Drive   | Remove Valvetronic servomotor                       |        |  |
| Drive   | Remove Valvetronic servomotor servomotor            | ●      | 7_E65  |
| Drive   | Repair  | ●      | X3_E83<br>X5_E70<br>X6_E71   |
| Drive   | Replacement and repair                              | ●      | 5_E60/E61  |
| Drive   | Replacement, particulate filter                     | ●      | 5_F10/F11 3_E90/E91/E92/E93  |
| Drive   | Replacement, nitrogen-oxide catalytic converter     |        |  |
| Drive   | Replacement/adaptation, CVT transmission            |        |  |
| Body    | Request: service refueling (hot refuelling)         |        |  |
| Drive   | Reset adaptations                                   |        |  |
| Body    | Reset BMW Assist                                    |        |  |
|         | Reset CBS Condition Based Service                   | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71                                    |
| Drive   | Reset clutch characteristic                         |        |  |

| Part    | Components   | Status | Body Type   |
|---------|--|--------|---|
| Body    | Reset HIP module   | ○      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>X5_E70<br>X6_E71                    |
| Body    | Reset internal ELV fault counter                           | ●      | 3_E90/E91/E92/E93<br>5_E60/E61 Z4 E89   |
| Drive   | Reset learning functions                                   | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X3_E83<br>X5_E70<br>X6_E71 |
| Chassis | Reset ABS motor relay clock counter                        | ●      | 5_E39 7_E38   |
| Body    | Reset malfunction lock                                     |        |   |
| Body    | Reset service interval indicator                           |        |   |
| Drive   | Reset starter interlock                                    | ●      | 1_F20 5_F10 7_F01/F02/F04   |
| Drive   | Reset variants   |        |   |
| Drive   | Reset pressure control                                     | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93  |
| Chassis | Ride-height adjustment                                     | ●      | 5_E39<br>X5_E53   |
| Chassis | Ride-level adjustment                                      | ○      | 7_E65<br>X5_E53<br>X5_E70<br>X6_E71   |
| Chassis | Run flat indicator   | ●      | 1_E81/E82/E87/E88   |
| Drive   | Rail pressure control, system test                         | ●      | 3_E46   |
| Drive   | Read Program number  | ●      | 3_E36   |
| Drive   | Read/Clear adaptations                                     | ●      | 5_E60/E61 3_E90/E91/E92/E93   |
| Drive   | Reset engine control unit pairing (PMS)                    | ●      | 5_E39   |
| Drive   | Reset LVS values   | ●      | 3_E90/E91/E92/E93   |
| Drive   | Reset maximum engine coolant temperature reached           | ●      | 5_E39   |
| Drive   | Reset oil-change interval                                  | ●      | 5_E60/E61   |
| Drive   | Rail pressure control valve, measured values               | ●      | 1_E81/E82/E87/E88   |
| DRIVE   | Remote key test  | ●      | 3_E90/E91/E92/E93<br>5_E60/E61  |
| Body    | Rear driver's side normalisation                           | ●      | 5_F10/F11 7_F01/F02/F04   |
| Body    | Rear front passenger side normalisation                    | ●      | 5_F10/F11 7_F01/F02/F04   |
| Drive   | Register starter exchange                                  | ●      | 5_F10/F11 7_F01/F02/F04   |
| Drive   | Remote key: Change personalization data                    | ●      | 1_F20 3_F30 3_F35 5_F10/F11<br>5_F18 7_F01/F02/F04 X3_F25   |
| Drive   | Reset EWS  | ●      | 7_F01/F02/F04   |
| Drive   | Reset starter lock   | ●      | 5_F18 7_F01/F02/F04 x5_F15  |
| Drive   | Resetting adaption functions                               | ●      | 5_F10/F11   |
| Chassis | Ride height adjustment                                     | ●      | 3_F30 5_F10/F11 7_F01/F02/F04   |
| Chassis | Ride height sensor check                                   | ●      | 7_F01/F02/F04   |
| Body    | Run-in protection for A/C compressor                       | ●      | 3_F30 5_F18 7_F01/F02/F04<br>X3_F25   |
| Drive   | Reset the adaption of the electric fuel pump               | ●      | 3_E90/E91/E92/E93   |
| Drive   | Read and delete Swirl flap adaptation                      | ●      | 3_E90/E91/E92/E93   |
| Body    | Readdress flap motors                                      | ●      | X5_F15  |
| Drive   | Resetting adaptation functions                             | ●      | X5_E70  |
| Drive   | Reset the production mode for the fuel pump control module | ●      | 5_F18   |
| Chassis | Rear axle wheel alignment                                  | ●      | 6_F13   |
| Body    | Satellite  | ●      | 7_E65<br>Z4_E85/E86   |
| Body    | Save configuration   |        |   |
| Body    | Save configuration of MOST ring                            |        |   |
| Drive   | Self-learning cycle  |        |   |
| Body    | Service action, general module 5                           | ●      | X3_E83  |
| Body    | Set transport mode   | ●      | 3_F30 5_F18   |
| Body    | Set/delete opening limitation                              |        |   |
| Drive   | Setpoint/actual-value comparison, idle speed               | ●      | 5_E39 X3_E83  |
| Chassis | Shock-absorber performance                                 | ●      | 7_E65   |

| Part    | Components                                | Status | Body Type   |
|---------|---|--------|---|
| Drive   | Start basic injection quantity            | ※      | 3_E90/E91/E92/E93<br>X5_E53<br>X5_E70                             |
| Chassis | Start startup                             | ●      | 6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71                            |
| Drive   | Starting basic injection quantity         | ●      | 1_E81/E82/E87/E88<br>5_E60/E61                                    |
| Drive   | Starting fuel delivery                    | ※      | 3_E46<br>5_E39<br>5_E60/E61<br>7_E38<br>7_E65<br>X3_E83<br>X5_E53 |
| Drive   | Starting torque                           | ●      | 3_E90/E91/E92/E93 5_F10/F11<br>7_F01/F02/F04                      |
| Chassis | Startup                                   | ●      | X5_E70<br>X6_E71  |
| Chassis | Startup fault                             | ○      | 6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71                            |
| Drive   | Startup QMVH                              | ●      | X6_E71  |
| Chassis | Startup/adjustment active front steering  | ※      | 1_E81/E82/E87/E88<br>6_E63/E64<br>X5_E70<br>X6_E71                |
| Chassis | Steering-angle sensor                     | ●      | 1_E81/E82/E87/E88 3_E46<br>5_E60/E61<br>6_E63/E64<br>X6_E71       |
| Body    | Subsequent evaluation TCU                 |        |   |
| Drive   | Swirl-flap pump                           |        |   |
| Drive   | System check MSA                          |        |   |
| Chassis | System startup after control-unit replace | ●      | 7_E65   |
| Body    | System test                               | ●      | 7_E38   |
| Drive   | Safety test                               | ●      | 5_E39   |
| Drive   | Secondary air system                      | ●      | 3_E36   |
| Drive   | Secondary air test                        | ●      | 5_E60/E61   |
| Drive   | Set point/ Actual value comparison        | ●      | 3_E36   |
| Drive   | Smooth running controller                 | ●      | 3_E46 3_E90/E91/E92/E93<br>5_F10/F11 7_F01/F02/F04                |
| Drive   | Smooth running measurement                | ●      | 3_E30 3_E36 3_E46 5_E39 7_E38<br>X_E53                            |
| Drive   | Solenoid valve, Secondary air test        | ●      | 5_E39   |
| Drive   | Start fuel delivery                       | ●      | 5_E39   |
| Drive   | Start of injection map                    | ●      | 5_E39   |
| Drive   | Start quantity                            | ●      | 5_E39   |
| Drive   | Swirl flap actuator                       | ●      | 3_E46 5_E60/E61   |
| Drive   | SCR system: Adjustment                    | ●      | X_E70   |
| Body    | Seat belt force limiter                   | ●      | 6_E63/E64   |
| Body    | Seat occupancy detector                   | ●      | 5_E60/E61<br>Z_E85/E86  |
| Drive   | Selector lever test                       | ●      | 3_E90/E91/E92/E93<br>5_E60/E61                                    |
| Body    | Sensitivity level                         | ●      | 3_E46   |
| Body    | Sleep mode                                | ●      | 3_E46 7_E38 X_E53   |
| Drive   | Smooth running control                    | ●      | X_E83   |
| Body    | Seat-occupancy detector, passenger        | ●      | 3_F30   |
| Body    | Solar rain/light fogging sensor           | ●      | 1_F20 3_F30   |
| Chassis | Start-up, brake pedal angle sensor        | ●      | 1_F20 3_F35   |
| Chassis | Steering angle sensor adjustment          | ●      | X1_E84 5_F18 7_F01/F02/F04  |
| Chassis | Supply, damper satellite, front left      | ●      | 7_F01/F02/F04   |
| Chassis | Supply, damper satellite, front right     | ●      | 7_F01/F02/F04   |
| Chassis | Supply, damper satellite, rear left       | ●      | 7_F01/F02/F04   |
| Chassis | Supply, damper satellite, rear right      | ●      | 7_F01/F02/F04   |

| Part        | Components   | Status | Body Type  |
|-------------|--|--------|--|
| Drive       | Swirl-flap actuator                                | ●      | 5 F10/F11 7 F01/F02/F04  |
| BODY        | Start safety system (airbag): system time          | ●      | Z E85/E86  |
| Drive       | set point actual-value comparison idle speed       | ●      | 3 E46 5 E39  |
| Drive       | System check MSA                                   | ●      | 3 E90/E91/E92/E93  |
| Drive       | System check, automatic engine start-stop function | ●      | 3 E90/E91/E92/E93  |
| Chassis     | Start-up Active Steering                           | ●      | 6 F13  |
| Chassis     | Start-up HSR rotor position sensor                 | ●      | 6 F13  |
| MAINTENANCE | setting the transport mode                         | ●      | X1 E84   |
| Drive       | Teach in characteristic clutch-valve values        | ●      | 3 E46  |
| Drive       | Teach in clutch slip point                         | ●      | 3 E46  |
| Body        | Teach in radio remote control                      |        |  |
| Drive       | Teach in transmission                              |        |  |
| Drive       | Teach in valve characteristic curve                | ●      | 3 E90/E91/E92/E93  |
| Drive       | Test code + adaptation values                      |        |  |
| Drive       | Tolerance test, intermediate lever                 | ▲      | 7 E65/E66  |
| Drive       | Transmission adaptation                            | ●      | 3 E90/E91/E92/E93  |
| Body        | Trigger roll bar                                   | ●      | 6 E63/E64  |
| Body        | Tuner, Japan                                       |        |  |
| Body        | Tuner, New Zealand                                 |        |  |
| Body        | Tuner, Japan                                       |        |  |
| Chassis     | Tyre defect indicator                              | ●      | 5_E60/E61<br>6 E63/E64   |
| Drive       | Tank leak diagnosis module DMTL                    | ●      | X5 E53   |
| Drive       | Tank leak system check DMTL                        | ●      | X5 E53   |
| Drive       | Tank leakage diagnosis                             | ●      | 3_E90/E91/E92/E93 5_E60/E61<br>7 E65   |
| Drive       | Tank leakage system check                          | ●      | 7 E38  |
| Drive       | Tank leakage test                                  | ●      | 5 E39 7 E38  |
| Drive       | Tank venting valve (E36 US)                        | ●      | 3 E36  |
| Drive       | Tank venting valve (E39)                           | ●      | 5 E39  |
| Drive       | Test procedures                                    | ●      | X5 E53   |
| Drive       | Throttle valve actuator group test                 | ●      | 3 E90/E91/E92/E93 5 E60/E61  |
| Drive       | Transfer CO values to exchange control module      | ●      | 3 E30  |
| Drive       | Transport mode                                     | ●      | 3_E30<br>3_E46<br>7_E38<br>X_E53<br>X_E83  |
| Drive       | Test modules                                       | ●      | 5 E39  |
| BODY        | Transport lock                                     | ●      | 5_E39<br>7 E38   |
| body        | Teach in radio remote control                      | ●      | 7 F01/F02/F04  |
| Drive       | Transmission control unit: Reset learning function | ●      | 7 F01/F02/F04  |
| body        | Tyre pressure control                              | ●      | 3 F30  |
| Drive       | Test runs(idle speed)                              | ●      | 3 E90/E91/E92/E93  |
| Body        | Unblock fault memory                               |        |  |
| Body        | Unlocking  | ●      | 1_E81/E82/E87/E88<br>3_E90/E91/E92/E93<br>5_E60/E61<br>6_E63/E64<br>7_E65<br>X5_E70<br>X6_E71 5_F10/F11 5_F18<br>7_F01/F02/F04 X3_F25 X5_F15 |
| Chassis     | Valves   | ●      | 5_E39<br>X5 E53  |
| Chassis     | Vent pressure accumulator                          | ○      | X5 E53   |
| Body        | Vent SRA   | ●      | 7 E65  |
| Chassis     | Ventilation  | ●      | 3 E46 Z3 E36   |
| Chassis     | Ventilation routine                                | ●      | X5_E70<br>X6 E71   |
| Drive       | Venting, clutch slave cylinder                     | ●      | 3 E46  |
| Drive       | Venting, cooling system                            | ▲      | 3_E90/E91/E92/E93 7_E65<br>5_F10/F11 5_F18 7_F01/F02/F04   |
| Drive       | Venting, transmission actuator                     | ●      | 3_E46<br>X6 E71  |
| Drive       | Venting, cooling system                            |        |  |

| Part    | Components                              | Status | Body Type                           |
|---------|---|--------|-------------------------------------|
| Body    | Vertical adjustment                     | ●      | 5_E60/E61<br>6_E63/E64<br>7_E65     |
| Chassis | Vertical-acceleration-sensor adjustment | ●      | X5_E70<br>X6_E71                    |
| Drive   | Vacuum pump system test                 | ●      | 5_E60/E61                           |
| Drive   | Vacuum system test                      | ●      | 5_E60/E61                           |
| Drive   | Valvetronic adaptation                  | ●      | 7_E65                               |
| Drive   | Vanos control test                      | ●      | 7_E65                               |
| Drive   | VANOS test                              | ●      | X5_E53                              |
| Drive   | VANOS: approach assembly position       | ●      | 3_E30                               |
| Drive   | Variable valve gear                     | ●      | 3_E46                               |
| Drive   | Valvetronic adaptation limit positions  | ●      | X_E70 1 F20 3 F35                   |
| Drive   | Valvetronic: start-up                   | ●      | X_E70                               |
| Drive   | Ventilation, cooling system             |        | 1_E81/E82/E87/E88<br>X_E70          |
| Drive   | Valvetronic running-in phase            | ●      | 5_F10/F11 5_F18 X3_F25 Z4_E89       |
| Chassis | VDM: Initial operation                  | ●      | 7_F01/F02/F04                       |
| Drive   | VTG:replace control unit                | ●      | X3_F25                              |
| Body    | VA calibration body general module      | ●      | 5_E60                               |
| Body    | With tester                             | ●      | 3_E46<br>X3_E83<br>Z4_E85/E86       |
| Body    | Without tester                          | ●      | 3_E46<br>X3_E83<br>Z4_E85/E86       |
| Chassis | Workshop braking-in                     | ●      | 7_E65<br>7_F01/F02/F04<br>5_F10/F11 |
| Chassis | Workshop mode                           | ●      | X5_E70<br>X6_E71                    |
| Body    | Write key variant                       |        |                                     |
| Body    | Windows initialisation                  | ●      | 7_E65                               |

# Coding List

| Series   | Model Series    | Systems                               | Coding |
|----------|-----------------|---------------------------------------|--------|
| 3 Series | E36             | ABS/ASC/DSC Dynamic Stability Control | ●      |
| 1 Series | E81/E82/E87/E88 | AL active steering                    | ●      |
| 3 Series | E36             | EWS Electronic immobilizer            | ●      |
| 3 Series | E36             | GR Cruise control                     | ●      |
| 3 Series | E36             | IHKA Heater/automatic A/C control     | ●      |
| 3 Series | E36             | KOM Instrument cluster                | ●      |
| 3 Series | E36             | SPMFT Mirror memory, driver           | ●      |
| 3 Series | E36             | TOENS Thermal oil-level sensor        | ●      |
| 3 Series | E36             | ZKE Central body electronics          | ●      |
| 7 Series | E38             | AB Airbag                             | ●      |
| 7 Series | E38             | ABS/ASC/DSC Dynamic Stability Control | ●      |
| 7 Series | E38             | CCM Check Control Module              | ●      |
| 7 Series | E38             | DSP Digital Sound Processor           | ●      |
| 7 Series | E38             | EDC Damper Control                    | ●      |
| 7 Series | E38             | EML Electronic engine-power control   | ●      |
| 7 Series | E38             | EWS Electronic immobilizer            | ●      |
| 7 Series | E38             | GR Cruise control                     | ●      |
| 7 Series | E38             | HKM Boot-lid module                   | ●      |
| 7 Series | E38             | IHKA Heater/automatic A/C control     | ●      |
| 7 Series | E38             | IKE Instrument-cluster electronics    | ●      |
| 7 Series | E38             | LCM Light Check Module                | ●      |
| 7 Series | E38             | LEW Steering-angle sensor             | ●      |
| 7 Series | E38             | MRS Multiple restraint system         | ●      |
| 7 Series | E38             | PDC Park Distance Control             | ●      |
| 7 Series | E38             | RDC Tyre pressure control             | ●      |
| 7 Series | E38             | SHD Sliding/tilting sunroof           | ●      |
| 7 Series | E38             | STH park heating                      | ●      |
| 7 Series | E38             | TEL Telephone interface               | ●      |
| 7 Series | E38             | VID Video module                      | ●      |
| 7 Series | E38             | ZKE Central body electronics          | ●      |
| 5 Series | E39             | AB Airbag                             | ●      |
| 5 Series | E39             | ABS/ASC/DSC Dynamic Stability Control | ●      |
| 5 Series | E39             | AIC Automatic Interval Control        | ●      |
| 5 Series | E39             | DSP Digital Sound Processor           | ●      |
| 5 Series | E39             | EDC Damper Control                    | ●      |
| 5 Series | E39             | EHC Electronic Ride-Height Control    | ●      |
| 5 Series | E39             | EWS Electronic immobilizer            | ●      |
| 5 Series | E39             | GR Cruise control                     | ●      |
| 5 Series | E39             | HKM Boot-lid module                   | ●      |
| 5 Series | E39             | IHKA Heater/automatic A/C control     | ●      |
| 5 Series | E39             | IKE Instrument-cluster electronics    | ●      |
| 5 Series | E39             | LCM Light Check Module                | ●      |
| 5 Series | E39             | LEW Steering-angle sensor             | ●      |
| 5 Series | E39             | PDC Park Distance Control             | ●      |
| 5 Series | E39             | RAD Radio                             | ●      |
| 5 Series | E39             | RDC Tyre pressure control             | ●      |
| 5 Series | E39             | STH park heating                      | ●      |
| 5 Series | E39             | TEL Telephone interface               | ●      |
| 5 Series | E39             | VID Video module                      | ●      |
| 5 Series | E39             | ZKE Central body electronics          | ●      |
| 3 Series | E46             | AB Airbag                             | ●      |

| Series   | Model Series | Systems                                | Coding |
|----------|--------------|--|--------|
| 3 Series | E46          | ABS/ASC/DSC Dynamic Stability Control  | ●      |
| 3 Series | E46          | AHL Adaptive directional headlights    | ●      |
| 3 Series | E46          | AIC Automatic Interval Control         | ●      |
| 3 Series | E46          | CVM Convertible top module             | ●      |
| 3 Series | E46          | DME Motor Electronics                  | ●      |
| 3 Series | E46          | EKP Fuel pump                          | ●      |
| 3 Series | E46          | EWS Electronic immobilizer             | ●      |
| 3 Series | E46          | GR Cruise control                      | ●      |
| 3 Series | E46          | IHKA Heater/automatic A/C control      | ●      |
| 3 Series | E46          | IKE Instrument-cluster electronics     | ●      |
| 3 Series | E46          | LCM Light Check Module                 | ●      |
| 3 Series | E46          | LEW Steering-angle sensor              | ●      |
| 3 Series | E46          | PDC Park Distance Control              | ●      |
| 3 Series | E46          | RAD Radio                              | ●      |
| 3 Series | E46          | RDC Tyre pressure control              | ●      |
| 3 Series | E46          | SHD Sliding/tilting sunroof            | ●      |
| 3 Series | E46          | SMF Seat memory, driver                | ●      |
| 3 Series | E46          | SPMBT Mirror memory, passenger         | ●      |
| 3 Series | E46          | SPMFT Mirror memory, driver            | ●      |
| 3 Series | E46          | TEL Telephone interface                | ●      |
| 3 Series | E46          | VID Video module                       | ●      |
| 3 Series | E46          | ZKE Central body electronics           | ●      |
| Z Series | E52          | AB Airbag                              | ●      |
| Z Series | E52          | ABS/ASC/DSC Dynamic Stability Control  | ●      |
| Z Series | E52          | ELV Electronic steering-column locking | ●      |
| Z Series | E52          | EWS Electronic immobilizer             | ●      |
| Z Series | E52          | GM base module                         | ●      |
| Z Series | E52          | IHKA Heater/automatic A/C control      | ●      |
| Z Series | E52          | IKE Instrument-cluster electronics     | ●      |
| Z Series | E52          | LCM Light Check Module                 | ●      |
| Z Series | E52          | LEW Steering-angle sensor              | ●      |
| Z Series | E52          | RAD Radio                              | ●      |
| X Series | E53          | AB Airbag                              | ●      |
| X Series | E53          | ABS/ASC/DSC Dynamic Stability Control  | ●      |
| X Series | E53          | AHL Adaptive directional headlights    | ●      |
| X Series | E53          | AIC Automatic Interval Control         | ●      |
| X Series | E53          | DME Motor Electronics                  | ●      |
| X Series | E53          | DSP Digital Sound Processor            | ●      |
| X Series | E53          | EHC Electronic Ride-Height Control     | ●      |
| X Series | E53          | EWS Electronic immobilizer             | ●      |
| X Series | E53          | IHKA Heater/automatic A/C control      | ●      |
| X Series | E53          | IKE Instrument-cluster electronics     | ●      |
| X Series | E53          | LCM Light Check Module                 | ●      |
| X Series | E53          | LEW Steering-angle sensor              | ●      |
| X Series | E53          | PDC Park Distance Control              | ●      |
| X Series | E53          | RAD Radio                              | ●      |
| X Series | E53          | RDC Tyre pressure control              | ●      |
| X Series | E53          | SHD Sliding/tilting sunroof            | ●      |
| X Series | E53          | SMF Seat memory, driver                | ●      |
| X Series | E53          | STH park heating                       | ●      |
| X Series | E53          | TEL Telephone interface                | ●      |
| X Series | E53          | VID Video module                       | ●      |
| X Series | E53          | ZKE Central body electronics           | ●      |
| 5 Series | E60          | ABS/ASC/DSC Dynamic Stability Control  | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| 5 Series | E60          | ACC2 Active cruise control 2                       | ●      |
| 5 Series | E60          | AHL Adaptive directional headlights                | ●      |
| 5 Series | E60          | AHM Trailer module                                 | ●      |
| 5 Series | E60          | AL active steering                                 | ●      |
| 5 Series | E60          | ALBBF active backrest width, front passenger       | ●      |
| 5 Series | E60          | ALBFA active backrest width, driver                | ●      |
| 5 Series | E60          | AMP Amplifier                                      | ●      |
| 5 Series | E60          | ARS Dynamic Drive 2                                | ●      |
| 5 Series | E60          | CA Comfort access system                           | ●      |
| 5 Series | E60          | CAS Car Access System                              | ●      |
| 5 Series | E60          | CCC-A Applications                                 | ●      |
| 5 Series | E60          | CCC-ANT Aerial tuner                               | ●      |
| 5 Series | E60          | CCC-ASK Audio system controller                    | ●      |
| 5 Series | E60          | CCC-BO User interface                              | ●      |
| 5 Series | E60          | CCC-GW Gateway                                     | ●      |
| 5 Series | E60          | CID Central Information Display                    | ●      |
| 5 Series | E60          | CON Controller                                     | ●      |
| 5 Series | E60          | DME Motor Electronics                              | ●      |
| 5 Series | E60          | DVDC DVD Changer                                   | ●      |
| 5 Series | E60          | DWA anti-theft alarm system                        | ●      |
| 5 Series | E60          | EDC Damper Control                                 | ●      |
| 5 Series | E60          | EGS transmission management                        | ●      |
| 5 Series | E60          | EHC Electronic Ride-Height Control                 | ●      |
| 5 Series | E60          | EKPS Fuel-pump control                             | ●      |
| 5 Series | E60          | FLA High Beam Assist                               | ●      |
| 5 Series | E60          | GWS Gear selector switch                           | ●      |
| 5 Series | E60          | HKL Rear-lid lift                                  | ●      |
| 5 Series | E60          | HUD Head-Up Display                                | ●      |
| 5 Series | E60          | IHKA Integrated automatic heating/air conditioning | ●      |
| 5 Series | E60          | INSTR Instrument cluster                           | ●      |
| 5 Series | E60          | KBM Body basic module                              | ●      |
| 5 Series | E60          | KGM Body Gateway Module                            | ●      |
| 5 Series | E60          | LDM Longitudinal Dynamics Management               | ●      |
| 5 Series | E60          | LM2 Light module 2                                 | ●      |
| 5 Series | E60          | MPM Micro-power module                             | ●      |
| 5 Series | E60          | NVE Night Vision Electronics                       | ●      |
| 5 Series | E60          | PDC Park Distance Control                          | ●      |
| 5 Series | E60          | RLS Rain/Light Sensor                              | ●      |
| 5 Series | E60          | RSE Rear Seat Entertainment                        | ●      |
| 5 Series | E60          | SBSL Satellite, B-pillar, left                     | ●      |
| 5 Series | E60          | SBSR Satellite, B-pillar, right                    | ●      |
| 5 Series | E60          | SFZ Satellite vehicle centre                       | ●      |
| 5 Series | E60          | SGM-SIM Safety and Gateway Module (SIM)            | ●      |
| 5 Series | E60          | SHD Sliding/tilting sunroof                        | ●      |
| 5 Series | E60          | SHZH Independent/auxiliary heater                  | ●      |
| 5 Series | E60          | SINE Siren and tilt sensor                         | ●      |
| 5 Series | E60          | SMBF Seat module, passenger                        | ●      |
| 5 Series | E60          | SMFA Seat module, driver                           | ●      |
| 5 Series | E60          | SZL Switch centre, steering column                 | ●      |
| 5 Series | E60          | SZM Switching centre, centre console               | ●      |
| 5 Series | E60          | TLC Lane Departure Warning                         | ●      |
| 5 Series | E60          | TMBF Door module, front passenger                  | ●      |
| 5 Series | E60          | TMFA Door module, driver                           | ●      |
| 5 Series | E60          | ULF Universal charging and hands-free facility     | ●      |



| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| 5 Series | E60          | ULF-SBX-H Interface box High                       | ●      |
| 5 Series | E60          | VTG Transfer case                                  | ●      |
| 5 Series | E61          | ABS/ASC/DSC Dynamic Stability Control              | ●      |
| 5 Series | E61          | ACC2 Active cruise control 2                       | ●      |
| 5 Series | E61          | AHL Adaptive directional headlights                | ●      |
| 5 Series | E61          | AHM Trailer module                                 | ●      |
| 5 Series | E61          | AL active steering                                 | ●      |
| 5 Series | E61          | ALBBF active backrest width, front passenger       | ●      |
| 5 Series | E61          | ALBFA active backrest width, driver                | ●      |
| 5 Series | E61          | AMP Amplifier                                      | ●      |
| 5 Series | E61          | ARS Dynamic Drive 2                                | ●      |
| 5 Series | E61          | CA Comfort access system                           | ●      |
| 5 Series | E61          | CAS Car Access System                              | ●      |
| 5 Series | E61          | CCC-A Applications                                 | ●      |
| 5 Series | E61          | CCC-ANT Aerial tuner                               | ●      |
| 5 Series | E61          | CCC-ASK Audio system controller                    | ●      |
| 5 Series | E61          | CCC-BO User interface                              | ●      |
| 5 Series | E61          | CCC-GW Gateway                                     | ●      |
| 5 Series | E61          | CID Central Information Display                    | ●      |
| 5 Series | E61          | CON Controller                                     | ●      |
| 5 Series | E61          | DME Motor Electronics                              | ●      |
| 5 Series | E61          | DVDC DVD Changer                                   | ●      |
| 5 Series | E61          | DWA anti-theft alarm system                        | ●      |
| 5 Series | E61          | EDC Damper Control                                 | ●      |
| 5 Series | E61          | EGS transmission management                        | ●      |
| 5 Series | E61          | EHC Electronic Ride-Height Control                 | ●      |
| 5 Series | E61          | EKPS Fuel-pump control                             | ●      |
| 5 Series | E61          | FLA High Beam Assist                               | ●      |
| 5 Series | E61          | GWS Gear selector switch                           | ●      |
| 5 Series | E61          | HKL Rear-lid lift                                  | ●      |
| 5 Series | E61          | HUD Head-Up Display                                | ●      |
| 5 Series | E61          | IHKA Integrated automatic heating/air conditioning | ●      |
| 5 Series | E61          | INSTR Instrument cluster                           | ●      |
| 5 Series | E61          | KBM Body basic module                              | ●      |
| 5 Series | E61          | KGM Body Gateway Module                            | ●      |
| 5 Series | E61          | LDM Longitudinal Dynamics Management               | ●      |
| 5 Series | E61          | LM2 Light module 2                                 | ●      |
| 5 Series | E61          | MPM Micro-power module                             | ●      |
| 5 Series | E61          | NVE Night Vision Electronics                       | ●      |
| 5 Series | E61          | PDC Park Distance Control                          | ●      |
| 5 Series | E61          | RLS Rain/Light Sensor                              | ●      |
| 5 Series | E61          | RSE Rear Seat Entertainment                        | ●      |
| 5 Series | E61          | SBSL Satellite, B-pillar, left                     | ●      |
| 5 Series | E61          | SBSR Satellite, B-pillar, right                    | ●      |
| 5 Series | E61          | SFZ Satellite vehicle centre                       | ●      |
| 5 Series | E61          | SGM-SIM Safety and Gateway Module (SIM)            | ●      |
| 5 Series | E61          | SHD Sliding/tilting sunroof                        | ●      |
| 5 Series | E61          | SHZH Independent/auxiliary heater                  | ●      |
| 5 Series | E61          | SINE Siren and tilt sensor                         | ●      |
| 5 Series | E61          | SMBF Seat module, passenger                        | ●      |
| 5 Series | E61          | SMFA Seat module, driver                           | ●      |
| 5 Series | E61          | SZL Switch centre, steering column                 | ●      |
| 5 Series | E61          | SZM Switching centre, centre console               | ●      |
| 5 Series | E61          | TLC Lane Departure Warning                         | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| 5 Series | E61          | TMBF Door module, front passenger                  | ●      |
| 5 Series | E61          | TMFA Door module, driver                           | ●      |
| 5 Series | E61          | ULF Universal charging and hands-free facility     | ●      |
| 5 Series | E61          | ULF-SBX-H Interface box High                       | ●      |
| 5 Series | E61          | VTG Transfer case                                  | ●      |
| 6 Series | E63          | ABS/ASC/DSC Dynamic Stability Control              | ●      |
| 6 Series | E63          | ACC2 Active cruise control 2                       | ●      |
| 6 Series | E63          | AHL Adaptive directional headlights                | ●      |
| 6 Series | E63          | AHM Trailer module                                 | ●      |
| 6 Series | E63          | AL active steering                                 | ●      |
| 6 Series | E63          | ALBBF active backrest width, front passenger       | ●      |
| 6 Series | E63          | ALBFA active backrest width, driver                | ●      |
| 6 Series | E63          | AMP Amplifier                                      | ●      |
| 6 Series | E63          | ARS Dynamic Drive 2                                | ●      |
| 6 Series | E63          | CA Comfort access system                           | ●      |
| 6 Series | E63          | CAS Car Access System                              | ●      |
| 6 Series | E63          | CCC-A Applications                                 | ●      |
| 6 Series | E63          | CCC-ANT Aerial tuner                               | ●      |
| 6 Series | E63          | CCC-ASK Audio system controller                    | ●      |
| 6 Series | E63          | CCC-BO User interface                              | ●      |
| 6 Series | E63          | CCC-GW Gateway                                     | ●      |
| 6 Series | E63          | CID Central Information Display                    | ●      |
| 6 Series | E63          | CON Controller                                     | ●      |
| 6 Series | E63          | DME Motor Electronics                              | ●      |
| 6 Series | E63          | DVDC DVD Changer                                   | ●      |
| 6 Series | E63          | DWA anti-theft alarm system                        | ●      |
| 6 Series | E63          | EDC Damper Control                                 | ●      |
| 6 Series | E63          | EGS transmission management                        | ●      |
| 6 Series | E63          | EHC Electronic Ride-Height Control                 | ●      |
| 6 Series | E63          | EKPS Fuel-pump control                             | ●      |
| 6 Series | E63          | FLA High Beam Assist                               | ●      |
| 6 Series | E63          | GWS Gear selector switch                           | ●      |
| 6 Series | E63          | HKL Rear-lid lift                                  | ●      |
| 6 Series | E63          | HUD Head-Up Display                                | ●      |
| 6 Series | E63          | IHKA Integrated automatic heating/air conditioning | ●      |
| 6 Series | E63          | INSTR Instrument cluster                           | ●      |
| 6 Series | E63          | KBM Body basic module                              | ●      |
| 6 Series | E63          | KGM Body Gateway Module                            | ●      |
| 6 Series | E63          | LDM Longitudinal Dynamics Management               | ●      |
| 6 Series | E63          | LM2 Light module 2                                 | ●      |
| 6 Series | E63          | MPM Micro-power module                             | ●      |
| 6 Series | E63          | NVE Night Vision Electronics                       | ●      |
| 6 Series | E63          | PDC Park Distance Control                          | ●      |
| 6 Series | E63          | RLS Rain/Light Sensor                              | ●      |
| 6 Series | E63          | RSE Rear Seat Entertainment                        | ●      |
| 6 Series | E63          | SBSL Satellite, B-pillar, left                     | ●      |
| 6 Series | E63          | SBSR Satellite, B-pillar, right                    | ●      |
| 6 Series | E63          | SFZ Satellite vehicle centre                       | ●      |
| 6 Series | E63          | SGM-SIM Safety and Gateway Module (SIM)            | ●      |
| 6 Series | E63          | SHD Sliding/tilting sunroof                        | ●      |
| 6 Series | E63          | SHZH Independent/auxiliary heater                  | ●      |
| 6 Series | E63          | SINE Siren and tilt sensor                         | ●      |
| 6 Series | E63          | SMBF Seat module, passenger                        | ●      |
| 6 Series | E63          | SMFA Seat module, driver                           | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| 6 Series | E63          | SZL Switch centre, steering column                 | ●      |
| 6 Series | E63          | SZM Switching centre,centre console                | ●      |
| 6 Series | E63          | TLC Lane Departure Warning                         | ●      |
| 6 Series | E63          | TMBF Door module,front passenger                   | ●      |
| 6 Series | E63          | TMFA Door module,driver                            | ●      |
| 6 Series | E63          | ULF Universal charging and hands-free facility     | ●      |
| 6 Series | E63          | ULF-SBX-H Interface box High                       | ●      |
| 6 Series | E63          | VTG Transfer case                                  | ●      |
| 6 Series | E64          | ABS/ASC/DSC Dynamic Stability Control              | ●      |
| 6 Series | E64          | ACC2 Active cruise control 2                       | ●      |
| 6 Series | E64          | AHL Adaptive directional headlights                | ●      |
| 6 Series | E64          | AHM Trailer module                                 | ●      |
| 6 Series | E64          | AL active steering                                 | ●      |
| 6 Series | E64          | ALBBF active backrest width,front passenger        | ●      |
| 6 Series | E64          | ALBFA active backrest width,driver                 | ●      |
| 6 Series | E64          | AMP Amplifier                                      | ●      |
| 6 Series | E64          | ARS Dynamic Drive 2                                | ●      |
| 6 Series | E64          | CA Comfort access system                           | ●      |
| 6 Series | E64          | CAS Car Access System                              | ●      |
| 6 Series | E64          | CCC-A Applications                                 | ●      |
| 6 Series | E64          | CCC-ANT Aerial tuner                               | ●      |
| 6 Series | E64          | CCC-ASK Audio system controller                    | ●      |
| 6 Series | E64          | CCC-B0 User interface                              | ●      |
| 6 Series | E64          | CCC-GW Gateway                                     | ●      |
| 6 Series | E64          | CID Central Information Display                    | ●      |
| 6 Series | E64          | CON Controller                                     | ●      |
| 6 Series | E64          | DME Motor Electronics                              | ●      |
| 6 Series | E64          | DVDC DVD Changer                                   | ●      |
| 6 Series | E64          | DWA anti-theft alarm system                        | ●      |
| 6 Series | E64          | EDC Damper Control                                 | ●      |
| 6 Series | E64          | EGS transmission management                        | ●      |
| 6 Series | E64          | EHC Electronic Ride-Height Control                 | ●      |
| 6 Series | E64          | EKPS Fuel-pump control                             | ●      |
| 6 Series | E64          | FLA High Beam Assist                               | ●      |
| 6 Series | E64          | GWS Gear selector switch                           | ●      |
| 6 Series | E64          | HKL Rear-lid lift                                  | ●      |
| 6 Series | E64          | HUD Head-Up Display                                | ●      |
| 6 Series | E64          | IHKA Integrated automatic heating/air conditioning | ●      |
| 6 Series | E64          | INSTR Instrument cluster                           | ●      |
| 6 Series | E64          | KBM Body basic module                              | ●      |
| 6 Series | E64          | KGM Body Gateway Module                            | ●      |
| 6 Series | E64          | LDM Longitudinal Dynamics Management               | ●      |
| 6 Series | E64          | LM2 Light module 2                                 | ●      |
| 6 Series | E64          | MPM Micro-power module                             | ●      |
| 6 Series | E64          | NVE Night Vision Electronics                       | ●      |
| 6 Series | E64          | PDC Park Distance Control                          | ●      |
| 6 Series | E64          | RLS Rain/Light Sensor                              | ●      |
| 6 Series | E64          | RSE Rear Seat Entertainment                        | ●      |
| 6 Series | E64          | SBSL Satellite,B-pillar,left                       | ●      |
| 6 Series | E64          | SBSR Satellite,B-pillar,right                      | ●      |
| 6 Series | E64          | SFZ Satellite vehicle centre                       | ●      |
| 6 Series | E64          | SGM-SIM Safety and Gateway Module (SIM)            | ●      |
| 6 Series | E64          | SHD Sliding/tilting sunroof                        | ●      |
| 6 Series | E64          | SHZH Independent/auxiliary heater                  | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| 6 Series | E64          | SINE Siren and tilt sensor                         | ●      |
| 6 Series | E64          | SMBF Seat module, passenger                        | ●      |
| 6 Series | E64          | SMFA Seat module, driver                           | ●      |
| 6 Series | E64          | SZL Switch centre, steering column                 | ●      |
| 6 Series | E64          | SZM Switching centre, centre console               | ●      |
| 6 Series | E64          | TLC Lane Departure Warning                         | ●      |
| 6 Series | E64          | TMBF Door module, front passenger                  | ●      |
| 6 Series | E64          | TMFA Door module, driver                           | ●      |
| 6 Series | E64          | ULF Universal charging and hands-free facility     | ●      |
| 6 Series | E64          | ULF-SBX-H Interface box High                       | ●      |
| 6 Series | E64          | VTG Transfer case                                  | ●      |
| 7 Series | E65          | ACC Active Cruise Control                          | ●      |
| 7 Series | E65          | AHL Adaptive directional headlights                | ●      |
| 7 Series | E65          | AHM Trailer module                                 | ●      |
| 7 Series | E65          | ANT Aerial/antenna tuner                           | ●      |
| 7 Series | E65          | ARS Dynamic Drive                                  | ●      |
| 7 Series | E65          | ASK Audio system controller                        | ●      |
| 7 Series | E65          | CA Comfort access system                           | ●      |
| 7 Series | E65          | CAS Car Access System                              | ●      |
| 7 Series | E65          | CD Control Display                                 | ●      |
| 7 Series | E65          | CIM Chassis Integration Module                     | ●      |
| 7 Series | E65          | DME Motor Electronics                              | ●      |
| 7 Series | E65          | DME Motor Electronics2                             | ●      |
| 7 Series | E65          | DVDC DVD Changer                                   | ●      |
| 7 Series | E65          | DWA anti-theft alarm system                        | ●      |
| 7 Series | E65          | EDC Damper Control                                 | ●      |
| 7 Series | E65          | EGS transmission management                        | ●      |
| 7 Series | E65          | EHC Electronic Ride-Height Control                 | ●      |
| 7 Series | E65          | EMF Parking brake                                  | ●      |
| 7 Series | E65          | FBI Flexible Bus Interface                         | ●      |
| 7 Series | E65          | FKA Rear heater/air conditioning                   | ●      |
| 7 Series | E65          | FLA High Beam Assist                               | ●      |
| 7 Series | E65          | HKL Rear-lid lift                                  | ●      |
| 7 Series | E65          | IHKA Integrated automatic heating/air conditioning | ●      |
| 7 Series | E65          | INSTR Instrument cluster                           | ●      |
| 7 Series | E65          | LM Lights Module                                   | ●      |
| 7 Series | E65          | NAV Navigation computer                            | ●      |
| 7 Series | E65          | NVE Night Vision Electronics                       | ●      |
| 7 Series | E65          | PDC Park Distance Control                          | ●      |
| 7 Series | E65          | PM Power Module                                    | ●      |
| 7 Series | E65          | RDC Tyre pressure control                          | ●      |
| 7 Series | E65          | RLS Rain/Light Sensor                              | ●      |
| 7 Series | E65          | SASL Satellite, A-pillar, left                     | ●      |
| 7 Series | E65          | SASR Satellite, A-pillar, right                    | ●      |
| 7 Series | E65          | SBSL Satellite, B-pillar, left                     | ●      |
| 7 Series | E65          | SBSR Satellite, B-pillar, right                    | ●      |
| 7 Series | E65          | SEC2 Supplementary control unit 2                  | ●      |
| 7 Series | E65          | SFZ Satellite vehicle centre                       | ●      |
| 7 Series | E65          | SG-FD Control unit, rear-compartment display       | ●      |
| 7 Series | E65          | SGM-SIM Safety and Gateway Module (SIM)            | ●      |
| 7 Series | E65          | SHD Sliding/tilting sunroof                        | ●      |
| 7 Series | E65          | SHZH Independent/auxiliary heater                  | ●      |
| 7 Series | E65          | SINE Siren and tilt sensor                         | ●      |
| 7 Series | E65          | SMBF Seat module, passenger                        | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| 7 Series | E65          | SMBFH Seat module, passenger's side, rear          | ●      |
| 7 Series | E65          | SMFA Seat module, driver                           | ●      |
| 7 Series | E65          | SMFAH Seat module, driver's side, rear             | ●      |
| 7 Series | E65          | SSBF Satellite, seat, passenger                    | ●      |
| 7 Series | E65          | SSFA Satellite, seat, driver                       | ●      |
| 7 Series | E65          | SSH Satellite, seat, rear                          | ●      |
| 7 Series | E65          | STVL Satellite, door, front left                   | ●      |
| 7 Series | E65          | STVR Satellite, door, front right                  | ●      |
| 7 Series | E65          | SZL Switch centre, steering column                 | ●      |
| 7 Series | E65          | TEL Telephone interface                            | ●      |
| 7 Series | E65          | TMBFH Door module, passenger's side, rear          | ●      |
| 7 Series | E65          | TMBFT Door module, passenger door                  | ●      |
| 7 Series | E65          | TMFAH Door module, driver's side, rear             | ●      |
| 7 Series | E65          | TMFAT Door module, driver's door                   | ●      |
| 7 Series | E65          | WIM Wiper module                                   | ●      |
| 7 Series | E65          | ZBM Two-battery management                         | ●      |
| 7 Series | E66          | ACC Active Cruise Control                          | ●      |
| 7 Series | E66          | AHL Adaptive directional headlights                | ●      |
| 7 Series | E66          | AHM Trailer module                                 | ●      |
| 7 Series | E66          | ANT Aerial/antenna tuner                           | ●      |
| 7 Series | E66          | ARS Dynamic Drive                                  | ●      |
| 7 Series | E66          | ASK Audio system controller                        | ●      |
| 7 Series | E66          | CA Comfort access system                           | ●      |
| 7 Series | E66          | CAS Car Access System                              | ●      |
| 7 Series | E66          | CD Control Display                                 | ●      |
| 7 Series | E66          | CIM Chassis Integration Module                     | ●      |
| 7 Series | E66          | DME Motor Electronics                              | ●      |
| 7 Series | E66          | DME Motor Electronics2                             | ●      |
| 7 Series | E66          | DVDC DVD Changer                                   | ●      |
| 7 Series | E66          | DWA anti-theft alarm system                        | ●      |
| 7 Series | E66          | EDC Damper Control                                 | ●      |
| 7 Series | E66          | EGS transmission management                        | ●      |
| 7 Series | E66          | EHC Electronic Ride-Height Control                 | ●      |
| 7 Series | E66          | EMF Parking brake                                  | ●      |
| 7 Series | E66          | FBI Flexible Bus Interface                         | ●      |
| 7 Series | E66          | FKA Rear heater/air conditioning                   | ●      |
| 7 Series | E66          | FLA High Beam Assist                               | ●      |
| 7 Series | E66          | HKL Rear-lid lift                                  | ●      |
| 7 Series | E66          | IHKA Integrated automatic heating/air conditioning | ●      |
| 7 Series | E66          | INSTR Instrument cluster                           | ●      |
| 7 Series | E66          | LM Lights Module                                   | ●      |
| 7 Series | E66          | NAV Navigation computer                            | ●      |
| 7 Series | E66          | NVE Night Vision Electronics                       | ●      |
| 7 Series | E66          | PDC Park Distance Control                          | ●      |
| 7 Series | E66          | PM Power Module                                    | ●      |
| 7 Series | E66          | RDC Tyre pressure control                          | ●      |
| 7 Series | E66          | RLS Rain/Light Sensor                              | ●      |
| 7 Series | E66          | SASL Satellite, A-pillar, left                     | ●      |
| 7 Series | E66          | SASR Satellite, A-pillar, right                    | ●      |
| 7 Series | E66          | SBSL Satellite, B-pillar, left                     | ●      |
| 7 Series | E66          | SBSR Satellite, B-pillar, right                    | ●      |
| 7 Series | E66          | SEC2 Supplementary control unit 2                  | ●      |
| 7 Series | E66          | SFZ Satellite vehicle centre                       | ●      |
| 7 Series | E66          | SG-FD Control unit, rear-compartment display       | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| 7 Series | E66          | SGM-SIM Safety and Gateway Module (SIM)            | ●      |
| 7 Series | E66          | SHD Sliding/tilting sunroof                        | ●      |
| 7 Series | E66          | SHZH Independent/auxiliary heater                  | ●      |
| 7 Series | E66          | SINE Siren and tilt sensor                         | ●      |
| 7 Series | E66          | SMBF Seat module, passenger                        | ●      |
| 7 Series | E66          | SMBFH Seat module, passenger's side, rear          | ●      |
| 7 Series | E66          | SMFA Seat module, driver                           | ●      |
| 7 Series | E66          | SMFAH Seat module, driver's side, rear             | ●      |
| 7 Series | E66          | SSBF Satellite, seat, passenger                    | ●      |
| 7 Series | E66          | SSFA Satellite, seat, driver                       | ●      |
| 7 Series | E66          | SSH Satellite, seat, rear                          | ●      |
| 7 Series | E66          | STVL Satellite, door, front left                   | ●      |
| 7 Series | E66          | STVR Satellite, door, front right                  | ●      |
| 7 Series | E66          | SZL Switch centre, steering column                 | ●      |
| 7 Series | E66          | TEL Telephone interface                            | ●      |
| 7 Series | E66          | TMBFH Door module, passenger's side, rear          | ●      |
| 7 Series | E66          | TMBFT Door module, passenger door                  | ●      |
| 7 Series | E66          | TMFAH Door module, driver's side, rear             | ●      |
| 7 Series | E66          | TMFAT Door module, driver's door                   | ●      |
| 7 Series | E66          | WIM Wiper module                                   | ●      |
| 7 Series | E66          | ZBM Two-battery management                         | ●      |
| 7 Series | E67          | ACC Active Cruise Control                          | ●      |
| 7 Series | E67          | AHL Adaptive directional headlights                | ●      |
| 7 Series | E67          | AHM Trailer module                                 | ●      |
| 7 Series | E67          | ANT Aerial/antenna tuner                           | ●      |
| 7 Series | E67          | ARS Dynamic Drive                                  | ●      |
| 7 Series | E67          | ASK Audio system controller                        | ●      |
| 7 Series | E67          | CA Comfort access system                           | ●      |
| 7 Series | E67          | CAS Car Access System                              | ●      |
| 7 Series | E67          | CD Control Display                                 | ●      |
| 7 Series | E67          | CIM Chassis Integration Module                     | ●      |
| 7 Series | E67          | DME Motor Electronics                              | ●      |
| 7 Series | E67          | DME Motor Electronics2                             | ●      |
| 7 Series | E67          | DVDC DVD Changer                                   | ●      |
| 7 Series | E67          | DWA anti-theft alarm system                        | ●      |
| 7 Series | E67          | EDC Damper Control                                 | ●      |
| 7 Series | E67          | EGS transmission management                        | ●      |
| 7 Series | E67          | EHC Electronic Ride-Height Control                 | ●      |
| 7 Series | E67          | EMF Parking brake                                  | ●      |
| 7 Series | E67          | FBI Flexible Bus Interface                         | ●      |
| 7 Series | E67          | FKA Rear heater/air conditioning                   | ●      |
| 7 Series | E67          | FLA High Beam Assist                               | ●      |
| 7 Series | E67          | HKL Rear-lid lift                                  | ●      |
| 7 Series | E67          | IHKA Integrated automatic heating/air conditioning | ●      |
| 7 Series | E67          | INSTR Instrument cluster                           | ●      |
| 7 Series | E67          | LM Lights Module                                   | ●      |
| 7 Series | E67          | NAV Navigation computer                            | ●      |
| 7 Series | E67          | NVE Night Vision Electronics                       | ●      |
| 7 Series | E67          | PDC Park Distance Control                          | ●      |
| 7 Series | E67          | PM Power Module                                    | ●      |
| 7 Series | E67          | RDC Tyre pressure control                          | ●      |
| 7 Series | E67          | RLS Rain/Light Sensor                              | ●      |
| 7 Series | E67          | SASL Satellite, A-pillar, left                     | ●      |
| 7 Series | E67          | SASR Satellite, A-pillar, right                    | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| 7 Series | E67          | SBSL Satellite, B-pillar, left                     | ●      |
| 7 Series | E67          | SBSR Satellite, B-pillar, right                    | ●      |
| 7 Series | E67          | SEC2 Supplementary control unit 2                  | ●      |
| 7 Series | E67          | SFZ Satellite vehicle centre                       | ●      |
| 7 Series | E67          | SG-FD Control unit, rear-compartment display       | ●      |
| 7 Series | E67          | SGM-SIM Safety and Gateway Module (SIM)            | ●      |
| 7 Series | E67          | SHD Sliding/tilting sunroof                        | ●      |
| 7 Series | E67          | SHZH Independent/auxiliary heater                  | ●      |
| 7 Series | E67          | SINE Siren and tilt sensor                         | ●      |
| 7 Series | E67          | SMBF Seat module, passenger                        | ●      |
| 7 Series | E67          | SMBFH Seat module, passenger's side, rear          | ●      |
| 7 Series | E67          | SMFA Seat module, driver                           | ●      |
| 7 Series | E67          | SMFAH Seat module, driver's side, rear             | ●      |
| 7 Series | E67          | SSBF Satellite, seat, passenger                    | ●      |
| 7 Series | E67          | SSFA Satellite, seat, driver                       | ●      |
| 7 Series | E67          | SSH Satellite, seat, rear                          | ●      |
| 7 Series | E67          | STVL Satellite, door, front left                   | ●      |
| 7 Series | E67          | STVR Satellite, door, front right                  | ●      |
| 7 Series | E67          | SZL Switch centre, steering column                 | ●      |
| 7 Series | E67          | TEL Telephone interface                            | ●      |
| 7 Series | E67          | TMBFH Door module, passenger's side, rear          | ●      |
| 7 Series | E67          | TMBFT Door module, passenger door                  | ●      |
| 7 Series | E67          | TMFAH Door module, driver's side, rear             | ●      |
| 7 Series | E67          | TMFAT Door module, driver's door                   | ●      |
| 7 Series | E67          | WIM Wiper module                                   | ●      |
| 7 Series | E67          | ZBM Two-battery management                         | ●      |
| 7 Series | E68          | ACC Active Cruise Control                          | ●      |
| 7 Series | E68          | AHL Adaptive directional headlights                | ●      |
| 7 Series | E68          | AHM Trailer module                                 | ●      |
| 7 Series | E68          | ANT Aerial/antenna tuner                           | ●      |
| 7 Series | E68          | ARS Dynamic Drive                                  | ●      |
| 7 Series | E68          | ASK Audio system controller                        | ●      |
| 7 Series | E68          | CA Comfort access system                           | ●      |
| 7 Series | E68          | CAS Car Access System                              | ●      |
| 7 Series | E68          | CD Control Display                                 | ●      |
| 7 Series | E68          | CIM Chassis Integration Module                     | ●      |
| 7 Series | E68          | DME Motor Electronics                              | ●      |
| 7 Series | E68          | DME Motor Electronics2                             | ●      |
| 7 Series | E68          | DVDC DVD Changer                                   | ●      |
| 7 Series | E68          | DWA anti-theft alarm system                        | ●      |
| 7 Series | E68          | EDC Damper Control                                 | ●      |
| 7 Series | E68          | EGS transmission management                        | ●      |
| 7 Series | E68          | EHC Electronic Ride-Height Control                 | ●      |
| 7 Series | E68          | EMF Parking brake                                  | ●      |
| 7 Series | E68          | FBI Flexible Bus Interface                         | ●      |
| 7 Series | E68          | FKA Rear heater/air conditioning                   | ●      |
| 7 Series | E68          | FLA High Beam Assist                               | ●      |
| 7 Series | E68          | HKL Rear-lid lift                                  | ●      |
| 7 Series | E68          | IHKA Integrated automatic heating/air conditioning | ●      |
| 7 Series | E68          | INSTR Instrument cluster                           | ●      |
| 7 Series | E68          | LM Lights Module                                   | ●      |
| 7 Series | E68          | NAV Navigation computer                            | ●      |
| 7 Series | E68          | NVE Night Vision Electronics                       | ●      |
| 7 Series | E68          | PDC Park Distance Control                          | ●      |

| Series   | Model Series | Systems                                      | Coding |
|----------|--------------|--|--------|
| 7 Series | E68          | PM Power Module                              | ●      |
| 7 Series | E68          | RDC Tyre pressure control                    | ●      |
| 7 Series | E68          | RLS Rain/Light Sensor                        | ●      |
| 7 Series | E68          | SASL Satellite, A-pillar, left               | ●      |
| 7 Series | E68          | SASR Satellite, A-pillar, right              | ●      |
| 7 Series | E68          | SBSL Satellite, B-pillar, left               | ●      |
| 7 Series | E68          | SBSR Satellite, B-pillar, right              | ●      |
| 7 Series | E68          | SEC2 Supplementary control unit 2            | ●      |
| 7 Series | E68          | SFZ Satellite vehicle centre                 | ●      |
| 7 Series | E68          | SG-FD Control unit, rear-compartment display | ●      |
| 7 Series | E68          | SGM-SIM Safety and Gateway Module (SIM)      | ●      |
| 7 Series | E68          | SHD Sliding/tilting sunroof                  | ●      |
| 7 Series | E68          | SHZH Independent/auxiliary heater            | ●      |
| 7 Series | E68          | SINE Siren and tilt sensor                   | ●      |
| 7 Series | E68          | SMBF Seat module, passenger                  | ●      |
| 7 Series | E68          | SMBFH Seat module, passenger's side, rear    | ●      |
| 7 Series | E68          | SMFA Seat module, driver                     | ●      |
| 7 Series | E68          | SMFAH Seat module, driver's side, rear       | ●      |
| 7 Series | E68          | SSBF Satellite, seat, passenger              | ●      |
| 7 Series | E68          | SSFA Satellite, seat, driver                 | ●      |
| 7 Series | E68          | SSH Satellite, seat, rear                    | ●      |
| 7 Series | E68          | STVL Satellite, door, front left             | ●      |
| 7 Series | E68          | STVR Satellite, door, front right            | ●      |
| 7 Series | E68          | SZL Switch centre, steering column           | ●      |
| 7 Series | E68          | TEL Telephone interface                      | ●      |
| 7 Series | E68          | TMBFH Door module, passenger's side, rear    | ●      |
| 7 Series | E68          | TMBFT Door module, passenger door            | ●      |
| 7 Series | E68          | TMFAH Door module, driver's side, rear       | ●      |
| 7 Series | E68          | TMFAT Door module, driver's door             | ●      |
| 7 Series | E68          | WIM Wiper module                             | ●      |
| 7 Series | E68          | ZBM Two-battery management                   | ●      |
| X Series | E70          | ABS/ASC/DSC Dynamic Stability Control        | ●      |
| X Series | E70          | ACSM Crash Safety Module                     | ●      |
| X Series | E70          | AHM Trailer module                           | ●      |
| X Series | E70          | AL active front steering (AFS70)             | ●      |
| X Series | E70          | AMPH Hi-Fi amplifier                         | ●      |
| X Series | E70          | ARS Dynamic Drive                            | ●      |
| X Series | E70          | CA Comfort access system                     | ●      |
| X Series | E70          | CAS Car Access System                        | ●      |
| X Series | E70          | CCC-A Applications                           | ●      |
| X Series | E70          | CCC-ANT Aerial tuner                         | ●      |
| X Series | E70          | CCC-ASK Audio system controller              | ●      |
| X Series | E70          | CCC-GW Gateway                               | ●      |
| X Series | E70          | CHAMP-BO User interface                      | ●      |
| X Series | E70          | CON Controller                               | ●      |
| X Series | E70          | DME Motor Electronics                        | ●      |
| X Series | E70          | DVDC DVD Changer                             | ●      |
| X Series | E70          | EDCSHL Damper satellite, rear left           | ●      |
| X Series | E70          | EDCSHR Damper satellite, rear right          | ●      |
| X Series | E70          | EDCSVL Damper satellite, front left          | ●      |
| X Series | E70          | EDCSVR Damper satellite, front right         | ●      |
| X Series | E70          | EGS 6HPTU transmission control               | ●      |
| X Series | E70          | EHC Electronic Ride-Height Control           | ●      |
| X Series | E70          | EKPS Fuel-pump control                       | ●      |



| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| X Series | E70          | EMF Parking brake                                  | ●      |
| X Series | E70          | FKA Rear heater/air conditioning                   | ●      |
| X Series | E70          | FLA High Beam Assist                               | ●      |
| X Series | E70          | FRM2 Footwell module 2                             | ●      |
| X Series | E70          | FZD Function centre, roof                          | ●      |
| X Series | E70          | GWS Gear selector switch                           | ●      |
| X Series | E70          | HKL Rear-lid lift                                  | ●      |
| X Series | E70          | HUD Head-Up Display                                | ●      |
| X Series | E70          | IHKA Integrated automatic heating/air conditioning | ●      |
| X Series | E70          | INSTR Instrument cluster                           | ●      |
| X Series | E70          | JBE2 Junction Box electronics                      | ●      |
| X Series | E70          | PDC Park Distance Control                          | ●      |
| X Series | E70          | RFK Reversing camera                               | ●      |
| X Series | E70          | RLS Rain/light solar sensor                        | ●      |
| X Series | E70          | RSE Rear Seat Entertainment                        | ●      |
| X Series | E70          | SINE Siren and tilt sensor                         | ●      |
| X Series | E70          | SMBF Seat module, passenger                        | ●      |
| X Series | E70          | SMFA Seat module, driver                           | ●      |
| X Series | E70          | SVT Servotronic                                    | ●      |
| X Series | E70          | TR SVC allround-view camera                        | ●      |
| X Series | E70          | ULF-SBX Interface box                              | ●      |
| X Series | E70          | ULF-SBX-H Interface box High                       | ●      |
| X Series | E70          | VDM Vertical Dynamics Management                   | ●      |
| X Series | E70          | VM Video Module                                    | ●      |
| X Series | E70          | VSW video switch                                   | ●      |
| X Series | E70          | VTG Transfer case                                  | ●      |
| X Series | E71          | ABS/ASC/DSC Dynamic Stability Control              | ●      |
| X Series | E71          | ACSM Crash Safety Module                           | ●      |
| X Series | E71          | AHM Trailer module                                 | ●      |
| X Series | E71          | AL active front steering(AFS70)                    | ●      |
| X Series | E71          | AMPH Hi-Fi amplifier                               | ●      |
| X Series | E71          | ARS Dynamic Drive                                  | ●      |
| X Series | E71          | CA Comfort access system                           | ●      |
| X Series | E71          | CAS Car Access System                              | ●      |
| X Series | E71          | CCC-A Applications                                 | ●      |
| X Series | E71          | CCC-ANT Aerial tuner                               | ●      |
| X Series | E71          | CCC-ASK Audio system controller                    | ●      |
| X Series | E71          | CCC-GW Gateway                                     | ●      |
| X Series | E71          | CHAMP-BO User interface                            | ●      |
| X Series | E71          | CON Controller                                     | ●      |
| X Series | E71          | DME Motor Electronics                              | ●      |
| X Series | E71          | DVDC DVD Changer                                   | ●      |
| X Series | E71          | EDCSHL Damper satellite, rear left                 | ●      |
| X Series | E71          | EDCSHR Damper satellite, rear right                | ●      |
| X Series | E71          | EDCSVL Damper satellite, front left                | ●      |
| X Series | E71          | EDCSVR Damper satellite, front right               | ●      |
| X Series | E71          | EGS 6HPTU transmission control                     | ●      |
| X Series | E71          | EHC Electronic Ride-Height Control                 | ●      |
| X Series | E71          | EKPS Fuel-pump control                             | ●      |
| X Series | E71          | EMF Parking brake                                  | ●      |
| X Series | E71          | FKA Rear heater/air conditioning                   | ●      |
| X Series | E71          | FLA High Beam Assist                               | ●      |
| X Series | E71          | FRM2 Footwell module 2                             | ●      |
| X Series | E71          | FZD Function centre, roof                          | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| X Series | E71          | GWS Gear selector switch                           | ●      |
| X Series | E71          | HKL Rear-lid lift                                  | ●      |
| X Series | E71          | HUD Head-Up Display                                | ●      |
| X Series | E71          | IHKA Integrated automatic heating/air conditioning | ●      |
| X Series | E71          | INSTR Instrument cluster                           | ●      |
| X Series | E71          | JBE2 Junction Box electronics                      | ●      |
| X Series | E71          | PDC Park Distance Control                          | ●      |
| X Series | E71          | RFK Reversing camera                               | ●      |
| X Series | E71          | RLS Rain/light solar sensor                        | ●      |
| X Series | E71          | RSE Rear Seat Entertainment                        | ●      |
| X Series | E71          | SINE Siren and tilt sensor                         | ●      |
| X Series | E71          | SMBF Seat module, passenger                        | ●      |
| X Series | E71          | SMFA Seat module, driver                           | ●      |
| X Series | E71          | SVT Servotronic                                    | ●      |
| X Series | E71          | TR SVC allround-view camera                        | ●      |
| X Series | E71          | ULF-SBX Interface box                              | ●      |
| X Series | E71          | ULF-SBX-H Interface box High                       | ●      |
| X Series | E71          | VDM Vertical Dynamics Management                   | ●      |
| X Series | E71          | VM Video Module                                    | ●      |
| X Series | E71          | VSW video switch                                   | ●      |
| X Series | E71          | VTG Transfer case                                  | ●      |
| X Series | E72          | ABS/ASC/DSC Dynamic Stability Control              | ●      |
| X Series | E72          | ACSM Crash Safety Module                           | ●      |
| X Series | E72          | AHM Trailer module                                 | ●      |
| X Series | E72          | AL active front steering(AFS70)                    | ●      |
| X Series | E72          | AMPH Hi-Fi amplifier                               | ●      |
| X Series | E72          | ARS Dynamic Drive                                  | ●      |
| X Series | E72          | CA Comfort access system                           | ●      |
| X Series | E72          | CAS Car Access System                              | ●      |
| X Series | E72          | CCC-A Applications                                 | ●      |
| X Series | E72          | CCC-ANT Aerial tuner                               | ●      |
| X Series | E72          | CCC-ASK Audio system controller                    | ●      |
| X Series | E72          | CCC-GW Gateway                                     | ●      |
| X Series | E72          | CHAMP-BO User interface                            | ●      |
| X Series | E72          | CON Controller                                     | ●      |
| X Series | E72          | DME Motor Electronics                              | ●      |
| X Series | E72          | DVDC DVD Changer                                   | ●      |
| X Series | E72          | EDCSHL Damper satellite, rear left                 | ●      |
| X Series | E72          | EDCSHR Damper satellite, rear right                | ●      |
| X Series | E72          | EDCSVL Damper satellite, front left                | ●      |
| X Series | E72          | EDCSVR Damper satellite, front right               | ●      |
| X Series | E72          | EGS 6HPTU transmission control                     | ●      |
| X Series | E72          | EHC Electronic Ride-Height Control                 | ●      |
| X Series | E72          | EKPS Fuel-pump control                             | ●      |
| X Series | E72          | EMF Parking brake                                  | ●      |
| X Series | E72          | FKA Rear heater/air conditioning                   | ●      |
| X Series | E72          | FLA High Beam Assist                               | ●      |
| X Series | E72          | FRM2 Footwell module 2                             | ●      |
| X Series | E72          | FZD Function centre, roof                          | ●      |
| X Series | E72          | GWS Gear selector switch                           | ●      |
| X Series | E72          | HKL Rear-lid lift                                  | ●      |
| X Series | E72          | HUD Head-Up Display                                | ●      |
| X Series | E72          | IHKA Integrated automatic heating/air conditioning | ●      |
| X Series | E72          | INSTR Instrument cluster                           | ●      |

| Series   | Model Series | Systems   | Coding |
|----------|--------------|---|--------|
| X Series | E72          | JBE2 Junction Box electronics                       | ●      |
| X Series | E72          | PDC Park Distance Control                           | ●      |
| X Series | E72          | RFK Reversing camera                                | ●      |
| X Series | E72          | RLS Rain/light solar sensor                         | ●      |
| X Series | E72          | RSE Rear Seat Entertainment                         | ●      |
| X Series | E72          | SINE Siren and tilt sensor                          | ●      |
| X Series | E72          | SMBF Seat module, passenger                         | ●      |
| X Series | E72          | SMFA Seat module, driver                            | ●      |
| X Series | E72          | SVT Servotronic                                     | ●      |
| X Series | E72          | TRSVK allround-view camera                          | ●      |
| X Series | E72          | ULF-SBX Interface box                               | ●      |
| X Series | E72          | ULF-SBX-H Interface box High                        | ●      |
| X Series | E72          | VDM Vertical Dynamics Management                    | ●      |
| X Series | E72          | VM Video Module                                     | ●      |
| X Series | E72          | VSW video switch                                    | ●      |
| X Series | E72          | VTG Transfer case                                   | ●      |
| X Series | E83          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| X Series | E83          | AHL Adaptive directional headlights                 | ●      |
| X Series | E83          | DME Motor Electronics                               | ●      |
| X Series | E83          | DSP Digital Sound Processor                         | ●      |
| X Series | E83          | EWS Vehicle immobilizer                             | ●      |
| X Series | E83          | GM base module                                      | ●      |
| X Series | E83          | IHKR Integrated heating/air-conditioning regulation | ●      |
| X Series | E83          | INSTR Instrument cluster                            | ●      |
| X Series | E83          | LM Lights Module                                    | ●      |
| X Series | E83          | LWS Steering angle sensor                           | ●      |
| X Series | E83          | MRS Multiple Restraint System V                     | ●      |
| X Series | E83          | PDC Park Distance Control                           | ●      |
| X Series | E83          | RAD Radio   | ●      |
| X Series | E83          | RDC Tyre pressure control                           | ●      |
| X Series | E83          | RLS Rain/Light Sensor                               | ●      |
| X Series | E83          | SHD Sliding/tilting sunroof                         | ●      |
| X Series | E83          | SMF Seat memory, driver                             | ●      |
| X Series | E83          | SMF Seat memory, driver                             | ●      |
| X Series | E83          | SVT Servotronic                                     | ●      |
| X Series | E83          | TCU Telematic Control Unit                          | ●      |
| X Series | E83          | VID Video module                                    | ●      |
| X Series | E83          | VTG Transfer case                                   | ●      |
| Z Series | E85          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| Z Series | E85          | CVM Convertible top module                          | ●      |
| Z Series | E85          | DME Motor Electronics                               | ●      |
| Z Series | E85          | DSP Digital Sound Processor                         | ●      |
| Z Series | E85          | EPS Electronic Power Steering                       | ●      |
| Z Series | E85          | EWS Vehicle immobilizer                             | ●      |
| Z Series | E85          | GM5 General module 5                                | ●      |
| Z Series | E85          | IHKS Integrated heating/air-conditioning control    | ●      |
| Z Series | E85          | INSTR Instrument cluster                            | ●      |
| Z Series | E85          | LSZ Light switch centre II                          | ●      |
| Z Series | E85          | LWS Steering angle sensor                           | ●      |
| Z Series | E85          | PDC Park Distance Control                           | ●      |
| Z Series | E85          | RAD Radio   | ●      |
| Z Series | E85          | RLS Rain/Light Sensor                               | ●      |
| Z Series | E85          | SBSL Satellite, B-pillar, left                      | ●      |
| Z Series | E85          | SBSR Satellite, B-pillar, right                     | ●      |

| Series   | Model Series | Systems   | Coding |
|----------|--------------|---|--------|
| Z Series | E85          | SIM Safety and Information Module                   | ●      |
| Z Series | E85          | SMF Seat memory, driver                             | ●      |
| Z Series | E85          | SMF Seat memory, driver                             | ●      |
| Z Series | E85          | STVL Satellite, door, front left                    | ●      |
| Z Series | E85          | STVR Satellite, door, front right                   | ●      |
| Z Series | E85          | TCU Telematic Control Unit                          | ●      |
| Z Series | E85          | VID Video module                                    | ●      |
| Z Series | E86          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| Z Series | E86          | CVM Convertible top module                          | ●      |
| Z Series | E86          | DME Motor Electronics                               | ●      |
| Z Series | E86          | DSP Digital Sound Processor                         | ●      |
| Z Series | E86          | EPS Electronic Power Steering                       | ●      |
| Z Series | E86          | EWS Vehicle immobilizer                             | ●      |
| Z Series | E86          | GM5 General module 5                                | ●      |
| Z Series | E86          | IHKS Integrated heating/air-conditioning control    | ●      |
| Z Series | E86          | INSTR Instrument cluster                            | ●      |
| Z Series | E86          | LSZ Light switch centre II                          | ●      |
| Z Series | E86          | LWS Steering angle sensor                           | ●      |
| Z Series | E86          | PDC Park Distance Control                           | ●      |
| Z Series | E86          | RAD Radio   | ●      |
| Z Series | E86          | RLS Rain/Light Sensor                               | ●      |
| Z Series | E86          | SBSL Satellite, B-pillar, left                      | ●      |
| Z Series | E86          | SBSR Satellite, B-pillar, right                     | ●      |
| Z Series | E86          | SIM Safety and Information Module                   | ●      |
| Z Series | E86          | SMF Seat memory, driver                             | ●      |
| Z Series | E86          | SMF Seat memory, driver                             | ●      |
| Z Series | E86          | STVL Satellite, door, front left                    | ●      |
| Z Series | E86          | STVR Satellite, door, front right                   | ●      |
| Z Series | E86          | TCU Telematic Control Unit                          | ●      |
| Z Series | E86          | VID Video module                                    | ●      |
| Z Series | E89          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| Z Series | E89          | CA Comfort access system                            | ●      |
| Z Series | E89          | CIC Car Information Computer                        | ●      |
| Z Series | E89          | CID Central Information Display                     | ●      |
| Z Series | E89          | CON Controller                                      | ●      |
| Z Series | E89          | CTM Convertible-top module                          | ●      |
| Z Series | E89          | DME Motor Electronics                               | ●      |
| Z Series | E89          | DVDC DVD Changer                                    | ●      |
| Z Series | E89          | DWA anti-theft alarm system                         | ●      |
| Z Series | E89          | EDC Damper Control                                  | ●      |
| Z Series | E89          | EGS 6HPTU transmission control                      | ●      |
| Z Series | E89          | EKPS Fuel-pump control                              | ●      |
| Z Series | E89          | EMF Parking brake                                   | ●      |
| Z Series | E89          | EPS Electronic Power Steering                       | ●      |
| Z Series | E89          | EPS Electronic Power Steering                       | ●      |
| Z Series | E89          | FLA High Beam Assist                                | ●      |
| Z Series | E89          | FRM2 Footwell module 2                              | ●      |
| Z Series | E89          | FZD Function centre, roof                           | ●      |
| Z Series | E89          | GWS Gear selector switch                            | ●      |
| Z Series | E89          | IHKR Integrated heating/air-conditioning regulation | ●      |
| Z Series | E89          | INSTR Instrument cluster                            | ●      |
| Z Series | E89          | JBE2 Junction Box electronics                       | ●      |
| Z Series | E89          | MOST system analysis                                | ●      |
| Z Series | E89          | MRS Multiple Restraint System                       | ●      |

| Series   | Model Series | Systems   | Coding |
|----------|--------------|---|--------|
| Z Series | E89          | PDC Park Distance Control                           | ●      |
| Z Series | E89          | RAD Radio   | ●      |
| Z Series | E89          | RAD2-GW Gateway                                     | ●      |
| Z Series | E89          | SINE Siren and tilt sensor                          | ●      |
| Z Series | E89          | SMFA Seat module, driver                            | ●      |
| Z Series | E89          | TCU Telematic Control Unit                          | ●      |
| Z Series | E89          | ULF-SBX-H Interface box High                        | ●      |
| Z Series | E89          | VM Video Module                                     | ●      |
| 1 Series | E81          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| 1 Series | E81          | CA Comfort access system                            | ●      |
| 1 Series | E81          | CIC Car Information Computer                        | ●      |
| 1 Series | E81          | CID Central Information Display                     | ●      |
| 1 Series | E81          | CON Controller                                      | ●      |
| 1 Series | E81          | CTM Convertible-top module                          | ●      |
| 1 Series | E81          | DME Motor Electronics                               | ●      |
| 1 Series | E81          | DVDC DVD Changer                                    | ●      |
| 1 Series | E81          | DWA anti-theft alarm system                         | ●      |
| 1 Series | E81          | EDC Damper Control                                  | ●      |
| 1 Series | E81          | EGS 6HPTU transmission control                      | ●      |
| 1 Series | E81          | EKPS Fuel-pump control                              | ●      |
| 1 Series | E81          | EMF Parking brake                                   | ●      |
| 1 Series | E81          | EPS Electronic Power Steering                       | ●      |
| 1 Series | E81          | EPS Electronic Power Steering                       | ●      |
| 1 Series | E81          | FLA High Beam Assist                                | ●      |
| 1 Series | E81          | FRM2 Footwell module 2                              | ●      |
| 1 Series | E81          | FZD Function centre, roof                           | ●      |
| 1 Series | E81          | GWS Gear selector switch                            | ●      |
| 1 Series | E81          | IHKR Integrated heating/air-conditioning regulation | ●      |
| 1 Series | E81          | INSTR Instrument cluster                            | ●      |
| 1 Series | E81          | JBE2 Junction Box electronics                       | ●      |
| 1 Series | E81          | MOST system analysis                                | ●      |
| 1 Series | E81          | MRS Multiple Restraint System                       | ●      |
| 1 Series | E81          | PDC Park Distance Control                           | ●      |
| 1 Series | E81          | RAD Radio   | ●      |
| 1 Series | E81          | RAD2-GW Gateway                                     | ●      |
| 1 Series | E81          | SINE Siren and tilt sensor                          | ●      |
| 1 Series | E81          | SMFA Seat module, driver                            | ●      |
| 1 Series | E81          | TCU Telematic Control Unit                          | ●      |
| 1 Series | E81          | ULF-SBX-H Interface box High                        | ●      |
| 1 Series | E81          | VM Video Module                                     | ●      |
| 1 Series | E82          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| 1 Series | E82          | CA Comfort access system                            | ●      |
| 1 Series | E82          | CIC Car Information Computer                        | ●      |
| 1 Series | E82          | CID Central Information Display                     | ●      |
| 1 Series | E82          | CON Controller                                      | ●      |
| 1 Series | E82          | CTM Convertible-top module                          | ●      |
| 1 Series | E82          | DME Motor Electronics                               | ●      |
| 1 Series | E82          | DVDC DVD Changer                                    | ●      |
| 1 Series | E82          | DWA anti-theft alarm system                         | ●      |
| 1 Series | E82          | EDC Damper Control                                  | ●      |
| 1 Series | E82          | EGS 6HPTU transmission control                      | ●      |
| 1 Series | E82          | EKPS Fuel-pump control                              | ●      |
| 1 Series | E82          | EMF Parking brake                                   | ●      |
| 1 Series | E82          | EPS Electronic Power Steering                       | ●      |

| Series   | Model Series | Systems   | Coding |
|----------|--------------|---|--------|
| 1 Series | E82          | EPS Electronic Power Steering                       | ●      |
| 1 Series | E82          | FLA High Beam Assist                                | ●      |
| 1 Series | E82          | FRM2 Footwell module 2                              | ●      |
| 1 Series | E82          | FZD Function centre, roof                           | ●      |
| 1 Series | E82          | GWS Gear selector switch                            | ●      |
| 1 Series | E82          | IHKR Integrated heating/air-conditioning regulation | ●      |
| 1 Series | E82          | INSTR Instrument cluster                            | ●      |
| 1 Series | E82          | JBE2 Junction Box electronics                       | ●      |
| 1 Series | E82          | MOST system analysis                                | ●      |
| 1 Series | E82          | MRS Multiple Restraint System                       | ●      |
| 1 Series | E82          | PDC Park Distance Control                           | ●      |
| 1 Series | E82          | RAD Radio   | ●      |
| 1 Series | E82          | RAD2-GW Gateway                                     | ●      |
| 1 Series | E82          | SINE Siren and tilt sensor                          | ●      |
| 1 Series | E82          | SMFA Seat module, driver                            | ●      |
| 1 Series | E82          | TCU Telematic Control Unit                          | ●      |
| 1 Series | E82          | ULF-SBX-H Interface box High                        | ●      |
| 1 Series | E82          | VM Video Module                                     | ●      |
| X Series | E84          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| X Series | E84          | CA Comfort access system                            | ●      |
| X Series | E84          | CIC Car Information Computer                        | ●      |
| X Series | E84          | CID Central Information Display                     | ●      |
| X Series | E84          | CON Controller                                      | ●      |
| X Series | E84          | CTM Convertible-top module                          | ●      |
| X Series | E84          | DME Motor Electronics                               | ●      |
| X Series | E84          | DVDC DVD Changer                                    | ●      |
| X Series | E84          | DWA anti-theft alarm system                         | ●      |
| X Series | E84          | EDC Damper Control                                  | ●      |
| X Series | E84          | EGS 6HPTU transmission control                      | ●      |
| X Series | E84          | EKPS Fuel-pump control                              | ●      |
| X Series | E84          | EMF Parking brake                                   | ●      |
| X Series | E84          | EPS Electronic Power Steering                       | ●      |
| X Series | E84          | EPS Electronic Power Steering                       | ●      |
| X Series | E84          | FLA High Beam Assist                                | ●      |
| X Series | E84          | FRM2 Footwell module 2                              | ●      |
| X Series | E84          | FZD Function centre, roof                           | ●      |
| X Series | E84          | GWS Gear selector switch                            | ●      |
| X Series | E84          | IHKR Integrated heating/air-conditioning regulation | ●      |
| X Series | E84          | INSTR Instrument cluster                            | ●      |
| X Series | E84          | JBE2 Junction Box electronics                       | ●      |
| X Series | E84          | MOST system analysis                                | ●      |
| X Series | E84          | MRS Multiple Restraint System                       | ●      |
| X Series | E84          | PDC Park Distance Control                           | ●      |
| X Series | E84          | RAD Radio   | ●      |
| X Series | E84          | RAD2-GW Gateway                                     | ●      |
| X Series | E84          | SINE Siren and tilt sensor                          | ●      |
| X Series | E84          | SMFA Seat module, driver                            | ●      |
| X Series | E84          | TCU Telematic Control Unit                          | ●      |
| X Series | E84          | ULF-SBX-H Interface box High                        | ●      |
| X Series | E84          | VM Video Module                                     | ●      |
| 1 Series | E87          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| 1 Series | E87          | CA Comfort access system                            | ●      |
| 1 Series | E87          | CIC Car Information Computer                        | ●      |
| 1 Series | E87          | CID Central Information Display                     | ●      |

| Series   | Model Series | Systems   | Coding |
|----------|--------------|---|--------|
| 1 Series | E87          | CON Controller                                      | ●      |
| 1 Series | E87          | CTM Convertible-top module                          | ●      |
| 1 Series | E87          | DME Motor Electronics                               | ●      |
| 1 Series | E87          | DVDC DVD Changer                                    | ●      |
| 1 Series | E87          | DWA anti-theft alarm system                         | ●      |
| 1 Series | E87          | EDC Damper Control                                  | ●      |
| 1 Series | E87          | EGS 6HPTU transmission control                      | ●      |
| 1 Series | E87          | EKPS Fuel-pump control                              | ●      |
| 1 Series | E87          | EMF Parking brake                                   | ●      |
| 1 Series | E87          | EPS Electronic Power Steering                       | ●      |
| 1 Series | E87          | EPS Electronic Power Steering                       | ●      |
| 1 Series | E87          | FLA High Beam Assist                                | ●      |
| 1 Series | E87          | FRM2 Footwell module 2                              | ●      |
| 1 Series | E87          | FZD Function centre, roof                           | ●      |
| 1 Series | E87          | GWS Gear selector switch                            | ●      |
| 1 Series | E87          | IHKR Integrated heating/air-conditioning regulation | ●      |
| 1 Series | E87          | INSTR Instrument cluster                            | ●      |
| 1 Series | E87          | JBE2 Junction Box electronics                       | ●      |
| 1 Series | E87          | MOST system analysis                                | ●      |
| 1 Series | E87          | MRS Multiple Restraint System                       | ●      |
| 1 Series | E87          | PDC Park Distance Control                           | ●      |
| 1 Series | E87          | RAD Radio   | ●      |
| 1 Series | E87          | RAD2-GW Gateway                                     | ●      |
| 1 Series | E87          | SINE Siren and tilt sensor                          | ●      |
| 1 Series | E87          | SMFA Seat module, driver                            | ●      |
| 1 Series | E87          | TCU Telematic Control Unit                          | ●      |
| 1 Series | E87          | ULF-SBX-H Interface box High                        | ●      |
| 1 Series | E87          | VM Video Module                                     | ●      |
| 1 Series | E88          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| 1 Series | E88          | CA Comfort access system                            | ●      |
| 1 Series | E88          | CIC Car Information Computer                        | ●      |
| 1 Series | E88          | CID Central Information Display                     | ●      |
| 1 Series | E88          | CON Controller                                      | ●      |
| 1 Series | E88          | CTM Convertible-top module                          | ●      |
| 1 Series | E88          | DME Motor Electronics                               | ●      |
| 1 Series | E88          | DVDC DVD Changer                                    | ●      |
| 1 Series | E88          | DWA anti-theft alarm system                         | ●      |
| 1 Series | E88          | EDC Damper Control                                  | ●      |
| 1 Series | E88          | EGS 6HPTU transmission control                      | ●      |
| 1 Series | E88          | EKPS Fuel-pump control                              | ●      |
| 1 Series | E88          | EMF Parking brake                                   | ●      |
| 1 Series | E88          | EPS Electronic Power Steering                       | ●      |
| 1 Series | E88          | EPS Electronic Power Steering                       | ●      |
| 1 Series | E88          | FLA High Beam Assist                                | ●      |
| 1 Series | E88          | FRM2 Footwell module 2                              | ●      |
| 1 Series | E88          | FZD Function centre, roof                           | ●      |
| 1 Series | E88          | GWS Gear selector switch                            | ●      |
| 1 Series | E88          | IHKR Integrated heating/air-conditioning regulation | ●      |
| 1 Series | E88          | INSTR Instrument cluster                            | ●      |
| 1 Series | E88          | JBE2 Junction Box electronics                       | ●      |
| 1 Series | E88          | MOST system analysis                                | ●      |
| 1 Series | E88          | MRS Multiple Restraint System                       | ●      |
| 1 Series | E88          | PDC Park Distance Control                           | ●      |
| 1 Series | E88          | RAD Radio   | ●      |

| Series   | Model Series | Systems   | Coding |
|----------|--------------|---|--------|
| 1 Series | E88          | RAD2-GW Gateway                                     | ●      |
| 1 Series | E88          | SINE Siren and tilt sensor                          | ●      |
| 1 Series | E88          | SMFA Seat module, driver                            | ●      |
| 1 Series | E88          | TCU Telematic Control Unit                          | ●      |
| 1 Series | E88          | ULF-SBX-H Interface box High                        | ●      |
| 1 Series | E88          | VM Video Module                                     | ●      |
| 3 Series | E90          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| 3 Series | E90          | CA Comfort access system                            | ●      |
| 3 Series | E90          | CIC Car Information Computer                        | ●      |
| 3 Series | E90          | CID Central Information Display                     | ●      |
| 3 Series | E90          | CON Controller                                      | ●      |
| 3 Series | E90          | CTM Convertible-top module                          | ●      |
| 3 Series | E90          | DME Motor Electronics                               | ●      |
| 3 Series | E90          | DVDC DVD Changer                                    | ●      |
| 3 Series | E90          | DWA anti-theft alarm system                         | ●      |
| 3 Series | E90          | EDC Damper Control                                  | ●      |
| 3 Series | E90          | EGS 6HPTU transmission control                      | ●      |
| 3 Series | E90          | EKPS Fuel-pump control                              | ●      |
| 3 Series | E90          | EMF Parking brake                                   | ●      |
| 3 Series | E90          | EPS Electronic Power Steering                       | ●      |
| 3 Series | E90          | EPS Electronic Power Steering                       | ●      |
| 3 Series | E90          | FLA High Beam Assist                                | ●      |
| 3 Series | E90          | FRM2 Footwell module 2                              | ●      |
| 3 Series | E90          | FZD Function centre, roof                           | ●      |
| 3 Series | E90          | GWS Gear selector switch                            | ●      |
| 3 Series | E90          | IHKR Integrated heating/air-conditioning regulation | ●      |
| 3 Series | E90          | INSTR Instrument cluster                            | ●      |
| 3 Series | E90          | JBE2 Junction Box electronics                       | ●      |
| 3 Series | E90          | MOST system analysis                                | ●      |
| 3 Series | E90          | MRS Multiple Restraint System                       | ●      |
| 3 Series | E90          | PDC Park Distance Control                           | ●      |
| 3 Series | E90          | RAD Radio   | ●      |
| 3 Series | E90          | RAD2-GW Gateway                                     | ●      |
| 3 Series | E90          | SINE Siren and tilt sensor                          | ●      |
| 3 Series | E90          | SMFA Seat module, driver                            | ●      |
| 3 Series | E90          | TCU Telematic Control Unit                          | ●      |
| 3 Series | E90          | ULF-SBX-H Interface box High                        | ●      |
| 3 Series | E90          | VM Video Module                                     | ●      |
| 3 Series | E91          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| 3 Series | E91          | CA Comfort access system                            | ●      |
| 3 Series | E91          | CIC Car Information Computer                        | ●      |
| 3 Series | E91          | CID Central Information Display                     | ●      |
| 3 Series | E91          | CON Controller                                      | ●      |
| 3 Series | E91          | CTM Convertible-top module                          | ●      |
| 3 Series | E91          | DME Motor Electronics                               | ●      |
| 3 Series | E91          | DVDC DVD Changer                                    | ●      |
| 3 Series | E91          | DWA anti-theft alarm system                         | ●      |
| 3 Series | E91          | EDC Damper Control                                  | ●      |
| 3 Series | E91          | EGS 6HPTU transmission control                      | ●      |
| 3 Series | E91          | EKPS Fuel-pump control                              | ●      |
| 3 Series | E91          | EMF Parking brake                                   | ●      |
| 3 Series | E91          | EPS Electronic Power Steering                       | ●      |
| 3 Series | E91          | EPS Electronic Power Steering                       | ●      |
| 3 Series | E91          | FLA High Beam Assist                                | ●      |



| Series   | Model Series | Systems   | Coding |
|----------|--------------|---|--------|
| 3 Series | E91          | FRM2 Footwell module 2                              | ●      |
| 3 Series | E91          | FZD Function centre, roof                           | ●      |
| 3 Series | E91          | GWS Gear selector switch                            | ●      |
| 3 Series | E91          | IHKR Integrated heating/air-conditioning regulation | ●      |
| 3 Series | E91          | INSTR Instrument cluster                            | ●      |
| 3 Series | E91          | JBE2 Junction Box electronics                       | ●      |
| 3 Series | E91          | MOST system analysis                                | ●      |
| 3 Series | E91          | MRS Multiple Restraint System                       | ●      |
| 3 Series | E91          | PDC Park Distance Control                           | ●      |
| 3 Series | E91          | RAD Radio   | ●      |
| 3 Series | E91          | RAD2-GW Gateway                                     | ●      |
| 3 Series | E91          | SINE Siren and tilt sensor                          | ●      |
| 3 Series | E91          | SMFA Seat module, driver                            | ●      |
| 3 Series | E91          | TCU Telematic Control Unit                          | ●      |
| 3 Series | E91          | ULF-SBX-H Interface box High                        | ●      |
| 3 Series | E91          | VM Video Module                                     | ●      |
| 3 Series | E92          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| 3 Series | E92          | CA Comfort access system                            | ●      |
| 3 Series | E92          | CIC Car Information Computer                        | ●      |
| 3 Series | E92          | CID Central Information Display                     | ●      |
| 3 Series | E92          | CON Controller                                      | ●      |
| 3 Series | E92          | CTM Convertible-top module                          | ●      |
| 3 Series | E92          | DME Motor Electronics                               | ●      |
| 3 Series | E92          | DVDC DVD Changer                                    | ●      |
| 3 Series | E92          | DWA anti-theft alarm system                         | ●      |
| 3 Series | E92          | EDC Damper Control                                  | ●      |
| 3 Series | E92          | EGS 6HPTU transmission control                      | ●      |
| 3 Series | E92          | EKPS Fuel-pump control                              | ●      |
| 3 Series | E92          | EMF Parking brake                                   | ●      |
| 3 Series | E92          | EPS Electronic Power Steering                       | ●      |
| 3 Series | E92          | EPS Electronic Power Steering                       | ●      |
| 3 Series | E92          | FLA High Beam Assist                                | ●      |
| 3 Series | E92          | FRM2 Footwell module 2                              | ●      |
| 3 Series | E92          | FZD Function centre, roof                           | ●      |
| 3 Series | E92          | GWS Gear selector switch                            | ●      |
| 3 Series | E92          | IHKR Integrated heating/air-conditioning regulation | ●      |
| 3 Series | E92          | INSTR Instrument cluster                            | ●      |
| 3 Series | E92          | JBE2 Junction Box electronics                       | ●      |
| 3 Series | E92          | MOST system analysis                                | ●      |
| 3 Series | E92          | MRS Multiple Restraint System                       | ●      |
| 3 Series | E92          | PDC Park Distance Control                           | ●      |
| 3 Series | E92          | RAD Radio   | ●      |
| 3 Series | E92          | RAD2-GW Gateway                                     | ●      |
| 3 Series | E92          | SINE Siren and tilt sensor                          | ●      |
| 3 Series | E92          | SMFA Seat module, driver                            | ●      |
| 3 Series | E92          | TCU Telematic Control Unit                          | ●      |
| 3 Series | E92          | ULF-SBX-H Interface box High                        | ●      |
| 3 Series | E92          | VM Video Module                                     | ●      |
| 3 Series | E93          | ABS/ASC/DSC Dynamic Stability Control               | ●      |
| 3 Series | E93          | CA Comfort access system                            | ●      |
| 3 Series | E93          | CIC Car Information Computer                        | ●      |
| 3 Series | E93          | CID Central Information Display                     | ●      |
| 3 Series | E93          | CON Controller                                      | ●      |
| 3 Series | E93          | CTM Convertible-top module                          | ●      |

| Series   | Model Series   | Systems   | Coding |
|----------|----------------|---|--------|
| 3 Series | E93            | DME Motor Electronics                               | ●      |
| 3 Series | E93            | DVDC DVD Changer                                    | ●      |
| 3 Series | E93            | DWA anti-theft alarm system                         | ●      |
| 3 Series | E93            | EDC Damper Control                                  | ●      |
| 3 Series | E93            | EGS 6HPTU transmission control                      | ●      |
| 3 Series | E93            | EKPS Fuel-pump control                              | ●      |
| 3 Series | E93            | EMF Parking brake                                   | ●      |
| 3 Series | E93            | EPS Electronic Power Steering                       | ●      |
| 3 Series | E93            | EPS Electronic Power Steering                       | ●      |
| 3 Series | E93            | FLA High Beam Assist                                | ●      |
| 3 Series | E93            | FRM2 Footwell module 2                              | ●      |
| 3 Series | E93            | FZD Function centre, roof                           | ●      |
| 3 Series | E93            | GWS Gear selector switch                            | ●      |
| 3 Series | E93            | IHKR Integrated heating/air-conditioning regulation | ●      |
| 3 Series | E93            | INSTR Instrument cluster                            | ●      |
| 3 Series | E93            | JBE2 Junction Box electronics                       | ●      |
| 3 Series | E93            | MOST system analysis                                | ●      |
| 3 Series | E93            | MRS Multiple Restraint System                       | ●      |
| 3 Series | E93            | PDC Park Distance Control                           | ●      |
| 3 Series | E93            | RAD Radio   | ●      |
| 3 Series | E93            | RAD2-GW Gateway                                     | ●      |
| 3 Series | E93            | SINE Siren and tilt sensor                          | ●      |
| 3 Series | E93            | SMFA Seat module, driver                            | ●      |
| 3 Series | E93            | TCU Telematic Control Unit                          | ●      |
| 3 Series | E93            | ULF-SBX-H Interface box High                        | ●      |
| 3 Series | E93            | VM Video Module                                     | ●      |
| 7 Series | F001/F002/F004 | JBE Junction-box electronics                        | ●      |
| 7 Series | F001/F002/F004 | ACSM Crash Safety Module                            | ●      |
| 7 Series | F001/F002/F004 | SZL Switch centre, steering column                  | ●      |
| 7 Series | F001/F002/F004 | TRVC allround-view camera                           | ●      |
| 7 Series | F001/F002/F004 | SME Accumulator-management electronics              | ●      |
| 7 Series | F001/F002/F004 | SWW Lane change warning                             | ●      |
| 7 Series | F001/F002/F004 | SVT Servotronic                                     | ●      |
| 7 Series | F001/F002/F004 | DME Digital Motor Electronics                       | ●      |
| 7 Series | F001/F002/F004 | DME Digital Motor Electronics 2                     | ●      |
| 7 Series | F001/F002/F004 | AL active steering                                  | ●      |
| 7 Series | F001/F002/F004 | EKPS Fuel-pump control                              | ●      |
| 7 Series | F001/F002/F004 | EGS transmission management                         | ●      |
| 7 Series | F001/F002/F004 | VTG Transfer case                                   | ●      |
| 7 Series | F001/F002/F004 | ICM Integrated Chassis Management                   | ●      |
| 7 Series | F001/F002/F004 | RDC Tyre pressure control                           | ●      |
| 7 Series | F001/F002/F004 | ACC Active Cruise Control                           | ●      |
| 7 Series | F001/F002/F004 | RSE Rear Seat Entertainment                         | ●      |
| 7 Series | F001/F002/F004 | DSC Dynamic Stability Control                       | ●      |
| 7 Series | F001/F002/F004 | HSR Rear-axle slip-angle control                    | ●      |
| 7 Series | F001/F002/F004 | EPS Electronic Power Steering                       | ●      |
| 7 Series | F001/F002/F004 | DVDC DVD Changer                                    | ●      |
| 7 Series | F001/F002/F004 | TBX Touchbox  | ●      |
| 7 Series | F001/F002/F004 | CBX-MEDIA Combox Multimedia                         | ●      |
| 7 Series | F001/F002/F004 | AMPT Top Hi-Fi amplifier                            | ●      |
| 7 Series | F001/F002/F004 | EHC Electronic Ride-Height Control                  | ●      |
| 7 Series | F001/F002/F004 | VDM Vertical Dynamics Management                    | ●      |
| 7 Series | F001/F002/F004 | HUD Head-Up Display                                 | ●      |
| 7 Series | F001/F002/F004 | CAS Car Access System                               | ●      |

| Series   | Model Series   | Systems  | Coding |
|----------|----------------|--|--------|
| 7 Series | F001/F002/F004 | STML Headlight driver module, left                 | ●      |
| 7 Series | F001/F002/F004 | STMR Headlight driver module, right                | ●      |
| 7 Series | F001/F002/F004 | LHML LED main light module, left                   | ●      |
| 7 Series | F001/F002/F004 | LHMR LED main light module, right                  | ●      |
| 7 Series | F001/F002/F004 | GZAL Targeted illumination, left                   | ●      |
| 7 Series | F001/F002/F004 | GZAR Targeted illumination, right                  | ●      |
| 7 Series | F001/F002/F004 | VM Video Module                                    | ●      |
| 7 Series | F001/F002/F004 | EMALI Electric-motor reel, left                    | ●      |
| 7 Series | F001/F002/F004 | EMARE Electric-motor reel, right                   | ●      |
| 7 Series | F001/F002/F004 | ULF-SBX-H Interface box high                       | ●      |
| 7 Series | F001/F002/F004 | FZD Function centre, roof                          | ●      |
| 7 Series | F001/F002/F004 | NVE Night Vision Electronics                       | ●      |
| 7 Series | F001/F002/F004 | KAFAS Camera-based driver-assistance systems       | ●      |
| 7 Series | F001/F002/F004 | GWS Gear selector switch                           | ●      |
| 7 Series | F001/F002/F004 | FLA High Beam Assist                               | ●      |
| 7 Series | F001/F002/F004 | INSTR Instrument cluster                           | ●      |
| 7 Series | F001/F002/F004 | CBX-ECALL Combox emergency call                    | ●      |
| 7 Series | F001/F002/F004 | CIC Car Information Computer                       | ●      |
| 7 Series | F001/F002/F004 | PDC Park Distance Control                          | ●      |
| 7 Series | F001/F002/F004 | CON Controller                                     | ●      |
| 7 Series | F001/F002/F004 | FCON Rear compartment controller                   | ●      |
| 7 Series | F001/F002/F004 | SMFAH Seat module, driver's side, rear             | ●      |
| 7 Series | F001/F002/F004 | SMBFH Seat module, passenger's side, rear          | ●      |
| 7 Series | F001/F002/F004 | HKL Rear-lid lift                                  | ●      |
| 7 Series | F001/F002/F004 | SMFA Seat module, driver                           | ●      |
| 7 Series | F001/F002/F004 | SMBF Seat module, passenger                        | ●      |
| 7 Series | F001/F002/F004 | AHM Trailer module                                 | ●      |
| 7 Series | F001/F002/F004 | FRM Footwell module                                | ●      |
| 7 Series | F001/F002/F004 | CID Central Information Display                    | ●      |
| 7 Series | F001/F002/F004 | FD Rear-compartment display                        | ●      |
| 7 Series | F001/F002/F004 | FD2 Rear-compartment display 2                     | ●      |
| 7 Series | F001/F002/F004 | IHKA Integrated automatic heating/air conditioning | ●      |
| 7 Series | F001/F002/F004 | FKA Rear heater/air conditioning                   | ●      |
| 7 Series | F001/F002/F004 | EDCSVL Damper satellite, front left                | ●      |
| 7 Series | F001/F002/F004 | EDCSVR Damper satellite, front right               | ●      |
| 7 Series | F001/F002/F004 | EDCSHL Damper satellite, rear left                 | ●      |
| 7 Series | F001/F002/F004 | EDCSHR Damper satellite, rear right                | ●      |
| 5 Series | F010/F011/F018 | JBE Junction-box electronics                       | ●      |
| 5 Series | F010/F011/F018 | ACSM Crash Safety Module                           | ●      |
| 5 Series | F010/F011/F018 | SZL Switch centre, steering column                 | ●      |
| 5 Series | F010/F011/F018 | TRSVL allround-view camera                         | ●      |
| 5 Series | F010/F011/F018 | SME Accumulator-management electronics             | ●      |
| 5 Series | F010/F011/F018 | SWW Lane change warning                            | ●      |
| 5 Series | F010/F011/F018 | HKL Automatic luggage compartment lid actuation    | ●      |
| 5 Series | F010/F011/F018 | SVT Servotronic                                    | ●      |
| 5 Series | F010/F011/F018 | GHAS Regulated differential lock                   | ●      |
| 5 Series | F010/F011/F018 | DME Digital Motor Electronics                      | ●      |
| 5 Series | F010/F011/F018 | DME Digital Motor Electronics 2                    | ●      |
| 5 Series | F010/F011/F018 | AL active steering                                 | ●      |
| 5 Series | F010/F011/F018 | EKPS Fuel-pump control                             | ●      |
| 5 Series | F010/F011/F018 | EGS transmission management                        | ●      |
| 5 Series | F010/F011/F018 | VTG Transfer case                                  | ●      |
| 5 Series | F010/F011/F018 | ICM Integrated Chassis Management                  | ●      |
| 5 Series | F010/F011/F018 | RDC Tyre pressure control                          | ●      |

| Series   | Model Series   | Systems  | Coding |
|----------|----------------|--|--------|
| 5 Series | F010/F011/F018 | ACC Active Cruise Control                          | ●      |
| 5 Series | F010/F011/F018 | CTM Convertible-top module                         | ●      |
| 5 Series | F010/F011/F018 | RSE Rear Seat Entertainment                        | ●      |
| 5 Series | F010/F011/F018 | DSC Dynamic Stability Control                      | ●      |
| 5 Series | F010/F011/F018 | EMF Parking brake                                  | ●      |
| 5 Series | F010/F011/F018 | HSR Rear-axle slip-angle control                   | ●      |
| 5 Series | F010/F011/F018 | PMA Parking assistant                              | ●      |
| 5 Series | F010/F011/F018 | EPS Electronic Power Steering                      | ●      |
| 5 Series | F010/F011/F018 | DVDC DVD Changer                                   | ●      |
| 5 Series | F010/F011/F018 | CBX-MEDIA Combox Multimedia                        | ●      |
| 5 Series | F010/F011/F018 | AMPT Top Hi-Fi amplifier                           | ●      |
| 5 Series | F010/F011/F018 | EHC Electronic Ride-Height Control                 | ●      |
| 5 Series | F010/F011/F018 | VDM Vertical Dynamics Management                   | ●      |
| 5 Series | F010/F011/F018 | HUD Head-Up Display                                | ●      |
| 5 Series | F010/F011/F018 | ASD Active Sound Design                            | ●      |
| 5 Series | F010/F011/F018 | CAS Car Access System                              | ●      |
| 5 Series | F010/F011/F018 | VM Video Module                                    | ●      |
| 5 Series | F010/F011/F018 | EMALI Electric-motor reel, left                    | ●      |
| 5 Series | F010/F011/F018 | EMARE Electric-motor reel, right                   | ●      |
| 5 Series | F010/F011/F018 | SINE Siren and tilt sensor                         | ●      |
| 5 Series | F010/F011/F018 | ULF-SBX-H Interface box high                       | ●      |
| 5 Series | F010/F011/F018 | FZD Function centre, roof                          | ●      |
| 5 Series | F010/F011/F018 | NVE Night Vision Electronics                       | ●      |
| 5 Series | F010/F011/F018 | KAFAS Camera-based driver-assistance systems       | ●      |
| 5 Series | F010/F011/F018 | GWS Gear selector switch                           | ●      |
| 5 Series | F010/F011/F018 | FLA High Beam Assist                               | ●      |
| 5 Series | F010/F011/F018 | INSTR Instrument cluster                           | ●      |
| 5 Series | F010/F011/F018 | CBX-ECALL Combox emergency call                    | ●      |
| 5 Series | F010/F011/F018 | CIC Car Information Computer                       | ●      |
| 5 Series | F010/F011/F018 | PDC Park Distance Control                          | ●      |
| 5 Series | F010/F011/F018 | CON Controller                                     | ●      |
| 5 Series | F010/F011/F018 | HKL Rear-lid lift                                  | ●      |
| 5 Series | F010/F011/F018 | SMFA Seat module, driver                           | ●      |
| 5 Series | F010/F011/F018 | SMBF Seat module, passenger                        | ●      |
| 5 Series | F010/F011/F018 | AHM Trailer module                                 | ●      |
| 5 Series | F010/F011/F018 | FRM Footwell module                                | ●      |
| 5 Series | F010/F011/F018 | CID Central Information Display                    | ●      |
| 5 Series | F010/F011/F018 | FD Rear-compartment display                        | ●      |
| 5 Series | F010/F011/F018 | FD2 Rear-compartment display 2                     | ●      |
| 5 Series | F010/F011/F018 | VDM2 Vertical dynamics management                  | ●      |
| 5 Series | F010/F011/F018 | IHKA Integrated automatic heating/air conditioning | ●      |
| 5 Series | F010/F011/F018 | FKA Rear heater/air conditioning                   | ●      |
| 5 Series | F010/F011/F018 | EDCSVL Damper satellite, front left                | ●      |
| 5 Series | F010/F011/F018 | EDCSVR Damper satellite, front right               | ●      |
| 5 Series | F010/F011/F018 | EDCSHL Damper satellite, rear left                 | ●      |
| 5 Series | F010/F011/F018 | EDCSHR Damper satellite, rear right                | ●      |
| 1 Series | F020/F021      | ACSM Crash Safety Module                           | ●      |
| 1 Series | F020/F021      | TR SVC allround-view camera                        | ●      |
| 1 Series | F020/F021      | SME Accumulator-management electronics             | ●      |
| 1 Series | F020/F021      | SWW Lane change warning                            | ●      |
| 1 Series | F020/F021      | HKL Automatic luggage compartment lid actuation    | ●      |
| 1 Series | F020/F021      | GHAS Regulated differential lock                   | ●      |
| 1 Series | F020/F021      | DME Digital Motor Electronics                      | ●      |
| 1 Series | F020/F021      | EKPS Fuel-pump control                             | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| 1 Series | F020/F021    | EGS transmission management                        | ●      |
| 1 Series | F020/F021    | VTG Transfer case                                  | ●      |
| 1 Series | F020/F021    | ICM Integrated Chassis Management                  | ●      |
| 1 Series | F020/F021    | ACC Active Cruise Control                          | ●      |
| 1 Series | F020/F021    | CTM Convertible-top module                         | ●      |
| 1 Series | F020/F021    | DSC Dynamic Stability Control                      | ●      |
| 1 Series | F020/F021    | PMA Parking assistant                              | ●      |
| 1 Series | F020/F021    | EPS Electronic Power Steering                      | ●      |
| 1 Series | F020/F021    | DVDC DVD Changer                                   | ●      |
| 1 Series | F020/F021    | CBX-MEDIA Combox Multimedia                        | ●      |
| 1 Series | F020/F021    | AMPT Top Hi-Fi amplifier                           | ●      |
| 1 Series | F020/F021    | ASD Active Sound Design                            | ●      |
| 1 Series | F020/F021    | CAS Car Access System                              | ●      |
| 1 Series | F020/F021    | VM Video Module                                    | ●      |
| 1 Series | F020/F021    | EMALI Electric-motor reel, left                    | ●      |
| 1 Series | F020/F021    | EMARE Electric-motor reel, right                   | ●      |
| 1 Series | F020/F021    | SINE Siren and tilt sensor                         | ●      |
| 1 Series | F020/F021    | FZD Function centre, roof                          | ●      |
| 1 Series | F020/F021    | KAFAS Camera-based driver-assistance systems       | ●      |
| 1 Series | F020/F021    | FLA High Beam Assist                               | ●      |
| 1 Series | F020/F021    | INSTR Instrument cluster                           | ●      |
| 1 Series | F020/F021    | CBX-ECALL Combox emergency call                    | ●      |
| 1 Series | F020/F021    | CIC Car Information Computer                       | ●      |
| 1 Series | F020/F021    | CON Controller                                     | ●      |
| 1 Series | F020/F021    | SMFA Seat module, driver                           | ●      |
| 1 Series | F020/F021    | SMBF Seat module, passenger                        | ●      |
| 1 Series | F020/F021    | AHM Trailer module                                 | ●      |
| 1 Series | F020/F021    | FRM Footwell module                                | ●      |
| 1 Series | F020/F021    | VDM2 Vertical dynamics management                  | ●      |
| 1 Series | F020/F021    | IHKA Integrated automatic heating/air conditioning | ●      |
| 5 Series | F007         | JBE Junction-box electronics                       | ●      |
| 5 Series | F007         | ACSM Crash Safety Module                           | ●      |
| 5 Series | F007         | SZL Switch centre, steering column                 | ●      |
| 5 Series | F007         | TR SVC allround-view camera                        | ●      |
| 5 Series | F007         | SME Accumulator-management electronics             | ●      |
| 5 Series | F007         | SWW Lane change warning                            | ●      |
| 5 Series | F007         | SVT Servotronic                                    | ●      |
| 5 Series | F007         | DME Digital Motor Electronics                      | ●      |
| 5 Series | F007         | DME Digital Motor Electronics 2                    | ●      |
| 5 Series | F007         | AL active steering                                 | ●      |
| 5 Series | F007         | EKPS Fuel-pump control                             | ●      |
| 5 Series | F007         | EGS transmission management                        | ●      |
| 5 Series | F007         | VTG Transfer case                                  | ●      |
| 5 Series | F007         | ICM Integrated Chassis Management                  | ●      |
| 5 Series | F007         | RDC Tyre pressure control                          | ●      |
| 5 Series | F007         | ACC Active Cruise Control                          | ●      |
| 5 Series | F007         | RSE Rear Seat Entertainment                        | ●      |
| 5 Series | F007         | DSC Dynamic Stability Control                      | ●      |
| 5 Series | F007         | HSR Rear-axle slip-angle control                   | ●      |
| 5 Series | F007         | EPS Electronic Power Steering                      | ●      |
| 5 Series | F007         | DVDC DVD Changer                                   | ●      |
| 5 Series | F007         | TBX Touchbox                                       | ●      |
| 5 Series | F007         | CBX-MEDIA Combox Multimedia                        | ●      |
| 5 Series | F007         | AMPT Top Hi-Fi amplifier                           | ●      |

| Series   | Model Series   | Systems  | Coding |
|----------|----------------|--|--------|
| 5 Series | F007           | EHC Electronic Ride-Height Control                 | ●      |
| 5 Series | F007           | VDM Vertical Dynamics Management                   | ●      |
| 5 Series | F007           | HUD Head-Up Display                                | ●      |
| 5 Series | F007           | CAS Car Access System                              | ●      |
| 5 Series | F007           | STML Headlight driver module, left                 | ●      |
| 5 Series | F007           | STMR Headlight driver module, right                | ●      |
| 5 Series | F007           | LHML LED main light module, left                   | ●      |
| 5 Series | F007           | LHMR LED main light module, right                  | ●      |
| 5 Series | F007           | GZAL Targeted illumination, left                   | ●      |
| 5 Series | F007           | GZAR Targeted illumination, right                  | ●      |
| 5 Series | F007           | VM Video Module                                    | ●      |
| 5 Series | F007           | EMALI Electric-motor reel, left                    | ●      |
| 5 Series | F007           | EMARE Electric-motor reel, right                   | ●      |
| 5 Series | F007           | ULF-SBX-H Interface box high                       | ●      |
| 5 Series | F007           | FZD Function centre, roof                          | ●      |
| 5 Series | F007           | NVE Night Vision Electronics                       | ●      |
| 5 Series | F007           | KAFAS Camera-based driver-assistance systems       | ●      |
| 5 Series | F007           | GWS Gear selector switch                           | ●      |
| 5 Series | F007           | FLA High Beam Assist                               | ●      |
| 5 Series | F007           | INSTR Instrument cluster                           | ●      |
| 5 Series | F007           | CBX-ECALL Combox emergency call                    | ●      |
| 5 Series | F007           | CIC Car Information Computer                       | ●      |
| 5 Series | F007           | PDC Park Distance Control                          | ●      |
| 5 Series | F007           | CON Controller                                     | ●      |
| 5 Series | F007           | FCON Rear compartment controller                   | ●      |
| 5 Series | F007           | SMFAH Seat module, driver's side, rear             | ●      |
| 5 Series | F007           | SMBFH Seat module, passenger's side, rear          | ●      |
| 5 Series | F007           | HKL Rear-lid lift                                  | ●      |
| 5 Series | F007           | SMFA Seat module, driver                           | ●      |
| 5 Series | F007           | SMBF Seat module, passenger                        | ●      |
| 5 Series | F007           | AHM Trailer module                                 | ●      |
| 5 Series | F007           | FRM Footwell module                                | ●      |
| 5 Series | F007           | CID Central Information Display                    | ●      |
| 5 Series | F007           | FD Rear-compartment display                        | ●      |
| 5 Series | F007           | FD2 Rear-compartment display 2                     | ●      |
| 5 Series | F007           | IHKA Integrated automatic heating/air conditioning | ●      |
| 5 Series | F007           | FKA Rear heater/air conditioning                   | ●      |
| 5 Series | F007           | EDCSVL Damper satellite, front left                | ●      |
| 5 Series | F007           | EDCSVR Damper satellite, front right               | ●      |
| 5 Series | F007           | EDCSHL Damper satellite, rear left                 | ●      |
| 5 Series | F007           | EDCSHR Damper satellite, rear right                | ●      |
| 6 Series | F006/F012/F013 | JBE Junction-box electronics                       | ●      |
| 6 Series | F006/F012/F013 | ACSM Crash Safety Module                           | ●      |
| 6 Series | F006/F012/F013 | SZL Switch centre, steering column                 | ●      |
| 6 Series | F006/F012/F013 | TRSVC allround-view camera                         | ●      |
| 6 Series | F006/F012/F013 | SME Accumulator-management electronics             | ●      |
| 6 Series | F006/F012/F013 | SWW Lane change warning                            | ●      |
| 6 Series | F006/F012/F013 | HKL Automatic luggage compartment lid actuation    | ●      |
| 6 Series | F006/F012/F013 | SVT Servotronic                                    | ●      |
| 6 Series | F006/F012/F013 | GHAS Regulated differential lock                   | ●      |
| 6 Series | F006/F012/F013 | DME Digital Motor Electronics                      | ●      |
| 6 Series | F006/F012/F013 | DME Digital Motor Electronics 2                    | ●      |
| 6 Series | F006/F012/F013 | AL active steering                                 | ●      |
| 6 Series | F006/F012/F013 | EKPS Fuel-pump control                             | ●      |

| Series   | Model Series   | Systems  | Coding |
|----------|----------------|--|--------|
| 6 Series | F006/F012/F013 | EGS transmission management                        | ●      |
| 6 Series | F006/F012/F013 | VTG Transfer case                                  | ●      |
| 6 Series | F006/F012/F013 | ICM Integrated Chassis Management                  | ●      |
| 6 Series | F006/F012/F013 | RDC Tyre pressure control                          | ●      |
| 6 Series | F006/F012/F013 | ACC Active Cruise Control                          | ●      |
| 6 Series | F006/F012/F013 | CTM Convertible-top module                         | ●      |
| 6 Series | F006/F012/F013 | RSE Rear Seat Entertainment                        | ●      |
| 6 Series | F006/F012/F013 | DSC Dynamic Stability Control                      | ●      |
| 6 Series | F006/F012/F013 | EMF Parking brake                                  | ●      |
| 6 Series | F006/F012/F013 | HSR Rear-axle slip-angle control                   | ●      |
| 6 Series | F006/F012/F013 | PMA Parking assistant                              | ●      |
| 6 Series | F006/F012/F013 | EPS Electronic Power Steering                      | ●      |
| 6 Series | F006/F012/F013 | DVDC DVD Changer                                   | ●      |
| 6 Series | F006/F012/F013 | CBX-MEDIA Combox Multimedia                        | ●      |
| 6 Series | F006/F012/F013 | AMPT Top Hi-Fi amplifier                           | ●      |
| 6 Series | F006/F012/F013 | EHC Electronic Ride-Height Control                 | ●      |
| 6 Series | F006/F012/F013 | VDM Vertical Dynamics Management                   | ●      |
| 6 Series | F006/F012/F013 | HUD Head-Up Display                                | ●      |
| 6 Series | F006/F012/F013 | ASD Active Sound Design                            | ●      |
| 6 Series | F006/F012/F013 | CAS Car Access System                              | ●      |
| 6 Series | F006/F012/F013 | VM Video Module                                    | ●      |
| 6 Series | F006/F012/F013 | EMALI Electric-motor reel, left                    | ●      |
| 6 Series | F006/F012/F013 | EMARE Electric-motor reel, right                   | ●      |
| 6 Series | F006/F012/F013 | SINE Siren and tilt sensor                         | ●      |
| 6 Series | F006/F012/F013 | ULF-SBX-H Interface box high                       | ●      |
| 6 Series | F006/F012/F013 | FZD Function centre, roof                          | ●      |
| 6 Series | F006/F012/F013 | NVE Night Vision Electronics                       | ●      |
| 6 Series | F006/F012/F013 | KAFAS Camera-based driver-assistance systems       | ●      |
| 6 Series | F006/F012/F013 | GWS Gear selector switch                           | ●      |
| 6 Series | F006/F012/F013 | FLA High Beam Assist                               | ●      |
| 6 Series | F006/F012/F013 | INSTR Instrument cluster                           | ●      |
| 6 Series | F006/F012/F013 | CBX-ECALL Combox emergency call                    | ●      |
| 6 Series | F006/F012/F013 | CIC Car Information Computer                       | ●      |
| 6 Series | F006/F012/F013 | PDC Park Distance Control                          | ●      |
| 6 Series | F006/F012/F013 | CON Controller                                     | ●      |
| 6 Series | F006/F012/F013 | HKL Rear-lid lift                                  | ●      |
| 6 Series | F006/F012/F013 | SMFA Seat module, driver                           | ●      |
| 6 Series | F006/F012/F013 | SMBF Seat module, passenger                        | ●      |
| 6 Series | F006/F012/F013 | AHM Trailer module                                 | ●      |
| 6 Series | F006/F012/F013 | FRM Footwell module                                | ●      |
| 6 Series | F006/F012/F013 | CID Central Information Display                    | ●      |
| 6 Series | F006/F012/F013 | FD Rear-compartment display                        | ●      |
| 6 Series | F006/F012/F013 | FD2 Rear-compartment display 2                     | ●      |
| 6 Series | F006/F012/F013 | VDM2 Vertical dynamics management                  | ●      |
| 6 Series | F006/F012/F013 | IHKA Integrated automatic heating/air conditioning | ●      |
| 6 Series | F006/F012/F013 | FKA Rear heater/air conditioning                   | ●      |
| 6 Series | F006/F012/F013 | EDCSVL Damper satellite, front left                | ●      |
| 6 Series | F006/F012/F013 | EDCSVR Damper satellite, front right               | ●      |
| 6 Series | F006/F012/F013 | EDCSHL Damper satellite, rear left                 | ●      |
| 6 Series | F006/F012/F013 | EDCSHR Damper satellite, rear right                | ●      |
| 2 Series | F022           | ACSM Crash Safety Module                           | ●      |
| 2 Series | F022           | TR SVC allround-view camera                        | ●      |
| 2 Series | F022           | SME Accumulator-management electronics             | ●      |
| 2 Series | F022           | SWW Lane change warning                            | ●      |

| Series   | Model Series        | Systems  | Coding |
|----------|---------------------|--|--------|
| 2 Series | F022                | HKL Automatic luggage compartment lid actuation    | ●      |
| 2 Series | F022                | GHAS Regulated differential lock                   | ●      |
| 2 Series | F022                | DME Digital Motor Electronics                      | ●      |
| 2 Series | F022                | EKPS Fuel-pump control                             | ●      |
| 2 Series | F022                | EGS transmission management                        | ●      |
| 2 Series | F022                | VTG Transfer case                                  | ●      |
| 2 Series | F022                | ICM Integrated Chassis Management                  | ●      |
| 2 Series | F022                | ACC Active Cruise Control                          | ●      |
| 2 Series | F022                | CTM Convertible-top module                         | ●      |
| 2 Series | F022                | DSC Dynamic Stability Control                      | ●      |
| 2 Series | F022                | PMA Parking assistant                              | ●      |
| 2 Series | F022                | EPS Electronic Power Steering                      | ●      |
| 2 Series | F022                | DVDC DVD Changer                                   | ●      |
| 2 Series | F022                | CBX-MEDIA Combox Multimedia                        | ●      |
| 2 Series | F022                | AMPT Top Hi-Fi amplifier                           | ●      |
| 2 Series | F022                | ASD Active Sound Design                            | ●      |
| 2 Series | F022                | CAS Car Access System                              | ●      |
| 2 Series | F022                | VM Video Module                                    | ●      |
| 2 Series | F022                | EMALI Electric-motor reel, left                    | ●      |
| 2 Series | F022                | EMARE Electric-motor reel, right                   | ●      |
| 2 Series | F022                | SINE Siren and tilt sensor                         | ●      |
| 2 Series | F022                | FZD Function centre, roof                          | ●      |
| 2 Series | F022                | KAFAS Camera-based driver-assistance systems       | ●      |
| 2 Series | F022                | FLA High Beam Assist                               | ●      |
| 2 Series | F022                | INSTR Instrument cluster                           | ●      |
| 2 Series | F022                | CBX-ECALL Combox emergency call                    | ●      |
| 2 Series | F022                | CIC Car Information Computer                       | ●      |
| 2 Series | F022                | CON Controller                                     | ●      |
| 2 Series | F022                | SMFA Seat module, driver                           | ●      |
| 2 Series | F022                | SMBF Seat module, passenger                        | ●      |
| 2 Series | F022                | AHM Trailer module                                 | ●      |
| 2 Series | F022                | FRM Footwell module                                | ●      |
| 2 Series | F022                | VDM2 Vertical dynamics management                  | ●      |
| 2 Series | F022                | IHKA Integrated automatic heating/air conditioning | ●      |
| 3 Series | F030/F031/F034/F035 | ACSM Crash Safety Module                           | ●      |
| 3 Series | F030/F031/F034/F035 | TRSVCA allround-view camera                        | ●      |
| 3 Series | F030/F031/F034/F035 | SME Accumulator-management electronics             | ●      |
| 3 Series | F030/F031/F034/F035 | SWW Lane change warning                            | ●      |
| 3 Series | F030/F031/F034/F035 | HKL Automatic luggage compartment lid actuation    | ●      |
| 3 Series | F030/F031/F034/F035 | GHAS Regulated differential lock                   | ●      |
| 3 Series | F030/F031/F034/F035 | DME Digital Motor Electronics                      | ●      |
| 3 Series | F030/F031/F034/F035 | EKPS Fuel-pump control                             | ●      |
| 3 Series | F030/F031/F034/F035 | EGS transmission management                        | ●      |
| 3 Series | F030/F031/F034/F035 | VTG Transfer case                                  | ●      |
| 3 Series | F030/F031/F034/F035 | ICM Integrated Chassis Management                  | ●      |
| 3 Series | F030/F031/F034/F035 | ACC Active Cruise Control                          | ●      |



| Series   | Model Series        | Systems  | Coding |
|----------|---------------------|--|--------|
| 3 Series | F030/F031/F034/F035 | CTM Convertible-top module                         | ●      |
| 3 Series | F030/F031/F034/F035 | DSC Dynamic Stability Control                      | ●      |
| 3 Series | F030/F031/F034/F035 | PMA Parking assistant                              | ●      |
| 3 Series | F030/F031/F034/F035 | EPS Electronic Power Steering                      | ●      |
| 3 Series | F030/F031/F034/F035 | DVDC DVD Changer                                   | ●      |
| 3 Series | F030/F031/F034/F035 | CBX-MEDIA Combox Multimedia                        | ●      |
| 3 Series | F030/F031/F034/F035 | AMPT Top Hi-Fi amplifier                           | ●      |
| 3 Series | F030/F031/F034/F035 | ASD Active Sound Design                            | ●      |
| 3 Series | F030/F031/F034/F035 | CAS Car Access System                              | ●      |
| 3 Series | F030/F031/F034/F035 | VM Video Module                                    | ●      |
| 3 Series | F030/F031/F034/F035 | EMALI Electric-motor reel, left                    | ●      |
| 3 Series | F030/F031/F034/F035 | EMARE Electric-motor reel, right                   | ●      |
| 3 Series | F030/F031/F034/F035 | SINE Siren and tilt sensor                         | ●      |
| 3 Series | F030/F031/F034/F035 | FZD Function centre, roof                          | ●      |
| 3 Series | F030/F031/F034/F035 | KAFAS Camera-based driver-assistance systems       | ●      |
| 3 Series | F030/F031/F034/F035 | FLA High Beam Assist                               | ●      |
| 3 Series | F030/F031/F034/F035 | INSTR Instrument cluster                           | ●      |
| 3 Series | F030/F031/F034/F035 | CBX-ECALL Combox emergency call                    | ●      |
| 3 Series | F030/F031/F034/F035 | CIC Car Information Computer                       | ●      |
| 3 Series | F030/F031/F034/F035 | CON Controller                                     | ●      |
| 3 Series | F030/F031/F034/F035 | SMFA Seat module, driver                           | ●      |
| 3 Series | F030/F031/F034/F035 | SMBF Seat module, passenger                        | ●      |
| 3 Series | F030/F031/F034/F035 | AHM Trailer module                                 | ●      |
| 3 Series | F030/F031/F034/F035 | FRM Footwell module                                | ●      |
| 3 Series | F030/F031/F034/F035 | VDM2 Vertical dynamics management                  | ●      |
| 3 Series | F030/F031/F034/F035 | IHKA Integrated automatic heating/air conditioning | ●      |
| 4 Series | F032/F033           | ACSM Crash Safety Module                           | ●      |
| 4 Series | F032/F033           | TRSVK allround-view camera                         | ●      |
| 4 Series | F032/F033           | SME Accumulator-management electronics             | ●      |
| 4 Series | F032/F033           | SWW Lane change warning                            | ●      |
| 4 Series | F032/F033           | HKL Automatic luggage compartment lid actuation    | ●      |
| 4 Series | F032/F033           | GHAS Regulated differential lock                   | ●      |
| 4 Series | F032/F033           | DME Digital Motor Electronics                      | ●      |
| 4 Series | F032/F033           | EKPS Fuel-pump control                             | ●      |
| 4 Series | F032/F033           | EGS transmission management                        | ●      |
| 4 Series | F032/F033           | VTG Transfer case                                  | ●      |
| 4 Series | F032/F033           | ICM Integrated Chassis Management                  | ●      |
| 4 Series | F032/F033           | ACC Active Cruise Control                          | ●      |
| 4 Series | F032/F033           | CTM Convertible-top module                         | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| 4 Series | F032/F033    | DSC Dynamic Stability Control                      | ●      |
| 4 Series | F032/F033    | PMA Parking assistant                              | ●      |
| 4 Series | F032/F033    | EPS Electronic Power Steering                      | ●      |
| 4 Series | F032/F033    | DVDC DVD Changer                                   | ●      |
| 4 Series | F032/F033    | CBX-MEDIA Combox Multimedia                        | ●      |
| 4 Series | F032/F033    | AMPT Top Hi-Fi amplifier                           | ●      |
| 4 Series | F032/F033    | ASD Active Sound Design                            | ●      |
| 4 Series | F032/F033    | CAS Car Access System                              | ●      |
| 4 Series | F032/F033    | VM Video Module                                    | ●      |
| 4 Series | F032/F033    | EMALI Electric-motor reel, left                    | ●      |
| 4 Series | F032/F033    | EMARE Electric-motor reel, right                   | ●      |
| 4 Series | F032/F033    | SINE Siren and tilt sensor                         | ●      |
| 4 Series | F032/F033    | FZD Function centre, roof                          | ●      |
| 4 Series | F032/F033    | KAFAS Camera-based driver-assistance systems       | ●      |
| 4 Series | F032/F033    | FLA High Beam Assist                               | ●      |
| 4 Series | F032/F033    | INSTR Instrument cluster                           | ●      |
| 4 Series | F032/F033    | CBX-ECALL Combox emergency call                    | ●      |
| 4 Series | F032/F033    | CIC Car Information Computer                       | ●      |
| 4 Series | F032/F033    | CON Controller                                     | ●      |
| 4 Series | F032/F033    | SMFA Seat module, driver                           | ●      |
| 4 Series | F032/F033    | SMBF Seat module, passenger                        | ●      |
| 4 Series | F032/F033    | AHM Trailer module                                 | ●      |
| 4 Series | F032/F033    | FRM Footwell module                                | ●      |
| 4 Series | F032/F033    | VDM2 Vertical dynamics management                  | ●      |
| 4 Series | F032/F033    | IHKA Integrated automatic heating/air conditioning | ●      |
| X Series | F015/F025    | JBE Junction-box electronics                       | ●      |
| X Series | F015/F025    | ACSM Crash Safety Module                           | ●      |
| X Series | F015/F025    | TRSVSVC allround-view camera                       | ●      |
| X Series | F015/F025    | SWW Lane change warning                            | ●      |
| X Series | F015/F025    | HKL Automatic luggage compartment lid actuation    | ●      |
| X Series | F015/F025    | SVT Servotronic                                    | ●      |
| X Series | F015/F025    | DME Digital Motor Electronics                      | ●      |
| X Series | F015/F025    | DME Digital Motor Electronics 2                    | ●      |
| X Series | F015/F025    | AL active steering                                 | ●      |
| X Series | F015/F025    | EKPS Fuel-pump control                             | ●      |
| X Series | F015/F025    | EGS transmission management                        | ●      |
| X Series | F015/F025    | VTG Transfer case                                  | ●      |
| X Series | F015/F025    | ICM Integrated Chassis Management                  | ●      |
| X Series | F015/F025    | RDC Tyre pressure control                          | ●      |
| X Series | F015/F025    | ACC Active Cruise Control                          | ●      |
| X Series | F015/F025    | RSE Rear Seat Entertainment                        | ●      |
| X Series | F015/F025    | DSC Dynamic Stability Control                      | ●      |
| X Series | F015/F025    | EMF Parking brake                                  | ●      |
| X Series | F015/F025    | PMA Parking assistant                              | ●      |
| X Series | F015/F025    | EPS Electronic Power Steering                      | ●      |
| X Series | F015/F025    | DVDC DVD Changer                                   | ●      |
| X Series | F015/F025    | CBX-MEDIA Combox Multimedia                        | ●      |
| X Series | F015/F025    | AMPT Top Hi-Fi amplifier                           | ●      |
| X Series | F015/F025    | EHC Electronic Ride-Height Control                 | ●      |
| X Series | F015/F025    | VDM Vertical Dynamics Management                   | ●      |
| X Series | F015/F025    | HUD Head-Up Display                                | ●      |
| X Series | F015/F025    | ASD Active Sound Design                            | ●      |
| X Series | F015/F025    | CAS Car Access System                              | ●      |
| X Series | F015/F025    | VM Video Module                                    | ●      |

| Series   | Model Series | Systems  | Coding |
|----------|--------------|--|--------|
| X Series | F015/F025    | EMALI Electric-motor reel, left                    | ●      |
| X Series | F015/F025    | EMARE Electric-motor reel, right                   | ●      |
| X Series | F015/F025    | FZD Function centre, roof                          | ●      |
| X Series | F015/F025    | NVE Night Vision Electronics                       | ●      |
| X Series | F015/F025    | KAFAS Camera-based driver-assistance systems       | ●      |
| X Series | F015/F025    | GWS Gear selector switch                           | ●      |
| X Series | F015/F025    | FLA High Beam Assist                               | ●      |
| X Series | F015/F025    | INSTR Instrument cluster                           | ●      |
| X Series | F015/F025    | CBX-ECALL Combox emergency call                    | ●      |
| X Series | F015/F025    | CIC Car Information Computer                       | ●      |
| X Series | F015/F025    | PDC Park Distance Control                          | ●      |
| X Series | F015/F025    | CON Controller                                     | ●      |
| X Series | F015/F025    | HKL Rear-lid lift                                  | ●      |
| X Series | F015/F025    | SMFA Seat module, driver                           | ●      |
| X Series | F015/F025    | SMBF Seat module, passenger                        | ●      |
| X Series | F015/F025    | AHM Trailer module                                 | ●      |
| X Series | F015/F025    | FRM Footwell module                                | ●      |
| X Series | F015/F025    | CID Central Information Display                    | ●      |
| X Series | F015/F025    | VDM2 Vertical dynamics management                  | ●      |
| X Series | F015/F025    | IHKA Integrated automatic heating/air conditioning | ●      |
| X Series | F015/F025    | FKA Rear heater/air conditioning                   | ●      |